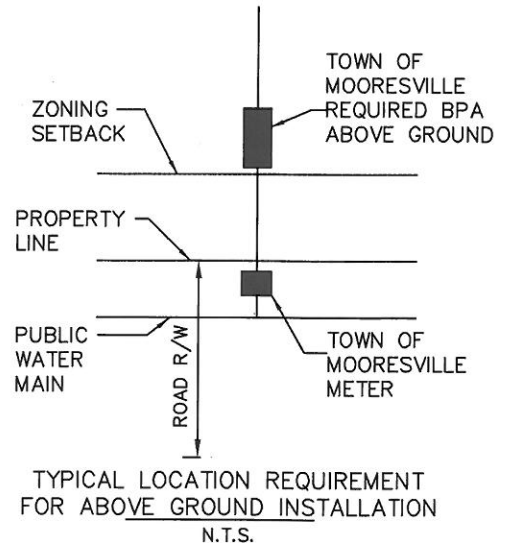


NOTES:

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. DUCTILE IRON PIPE CONNECTIONS ARE TO BE RESTRAINED MECHANICAL JOINT BELOW GRADE, AND FLANGE CONNECTIONS ABOVE GRADE.
6. ALL BACKFLOW PREVENTORS SHALL BE IN ACCORDANCE WITH APPENDIX B OF THE NC RULES GOVERNING PUBLIC WATER SYSTEMS.

DUCTILE IRON PIPE FOR A MIN. 5' ON EACH END OF ASSEMBLY (SEE NOTE 5).



TOWN OF MOORESVILLE

STANDARD DETAIL

WATER SYSTEMS
BACKFLOW PREVENTION

REDUCED PRESSURE PRINCIPLE
ASSEMBLY (RP) 3" AND LARGER
ABOVE GROUND

January 2010

Revision 1

NTS

BF-2.0