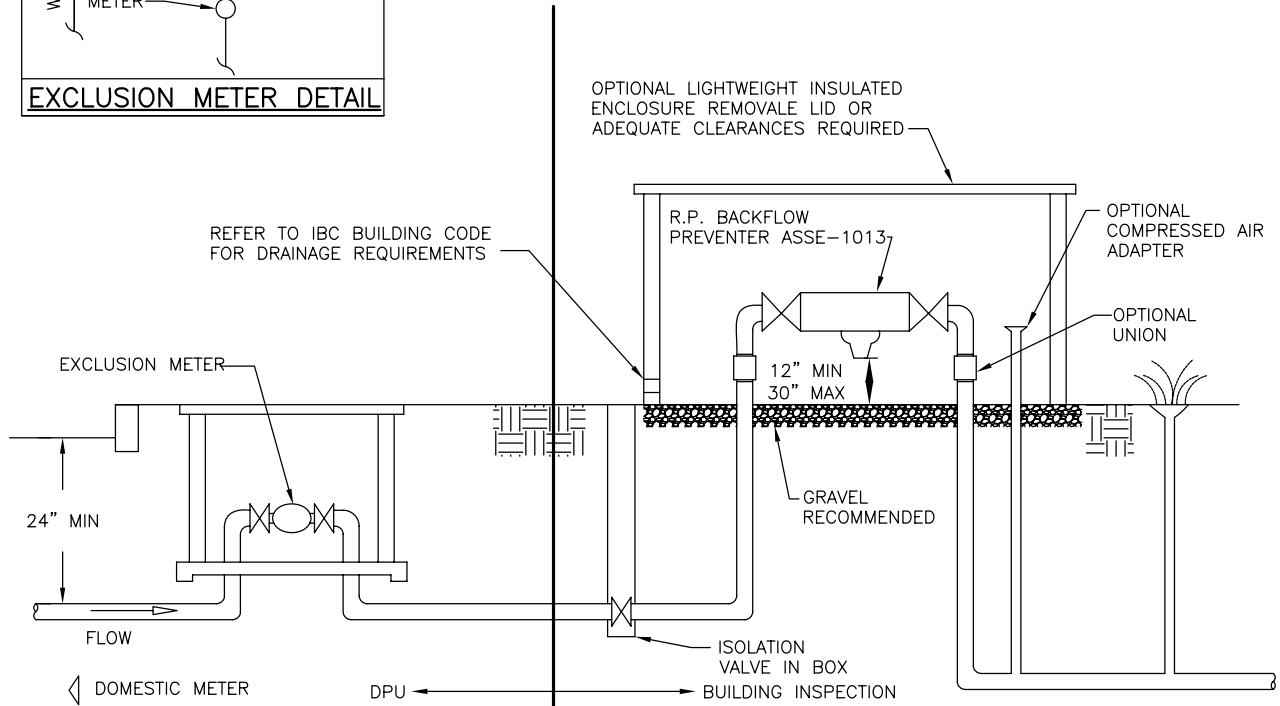
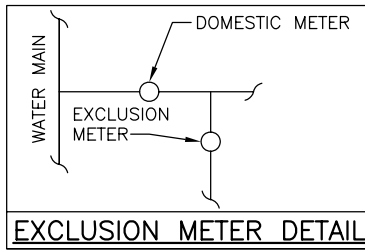


COUNTY OF HENRICO DEPARTMENT OF PUBLIC UTILITIES



PROCEDURE FOR EXCLUSION METERS WHEN BACKFLOW PREVENTION IS REQUIRED:

1. SUBMIT PLANS TO DEPARTMENT OF PUBLIC UTILITIES (DPU) SEALED AND SIGNED BY A PROFESSIONAL ENGINEER FOR APPROVAL.
2. APPLY FOR A PLUMBING PERMIT FROM COUNTY OF HENRICO, DEPARTMENT OF BUILDING INSPECTIONS.
3. INSTALL PIPING AND BACKFLOW PREVENTER, INCLUDING BRASS MALE TEST COCK ADAPTERS— (4) STRAIGHT HOSE ADAPTER FITTINGS, 1/4" S.A.E. 45 FLARE TUBE x 1/4" NPT, FOR CONNECTION TO TEST DEVICE. BACKFLOW PREVENTION DEVICES WILL BE INSTALLED AT THE WATER SERVICE CONNECTION AFTER THE EXCLUSION METER. REFER TO APPROVED DPU PLANS FOR TYPICAL INSTALLATION DETAILS. NO TAP-INS WILL BE PERMITTED FOR ANY PURPOSE BETWEEN EXCLUSION METER AND BACKFLOW DEVICE.
4. METER BOX AND YOKE IN ACCORDANCE WITH COUNTY OF HENRICO DPU STANDARDS TO BE INSTALLED BY THE CONTRACTOR. THE EXCLUSION METER WILL BE INSTALLED BY THE COUNTY OF HENRICO, DPU.
5. CALL THE BACKFLOW TECHNICIAN AT 727-8709 FOR INSPECTION OF THE BACKFLOW PREVENTER. THE EXCLUSION METER MUST BE PAID FOR AT THE DPU PUBLIC INFORMATION OFFICE BEFORE THE EXCLUSION METER WILL BE INSTALLED. CALL 501-4517 FOR DETAILS.
6. CALL BUILDING INSPECTIONS AT 501-4368 FOR INSPECTION OF ALL PIPING AND PLUMBING WORK DOWNSTREAM OF THE EXCLUSION METER.
7. FREEZE PROTECTION IS REQUIRED. RECOMMENDED OPTIONS ARE: A LIGHTWEIGHT, INSULATED ENCLOSURE, INSTALLATION OF HEAT TAPE, OR PIPING UNIONS TO ALLOW REMOVAL OF DEVICE DURING WINTER MONTHS. ALL METHODS OF FREEZE PROTECTION MUST ALLOW ACCESSIBILITY TO DEVICE FOR TESTING AND REPAIRS.
8. THE OPTIONAL COMPRESSED AIR ADAPTER SHALL BE INSTALLED DOWNSTREAM OF THE REDUCED PRESSURE ZONE BACKFLOW PREVENTER, IF PROVIDED.
9. THE BACKFLOW PREVENTION ASSEMBLY'S SHUTOFF VALVES SHALL BE THE ONES APPROVE BY THE MANUFACTURER FOR THAT BACKFLOW PREVENTION ASSEMBLY.

REVISIONS
06/20/2014

**TYPICAL INSTALLATION
REDUCED PRESSURE BACKFLOW PREVENTER
IRRIGATION SYSTEM WITH EXCLUSION METER**

DRWG. NO.
D-415