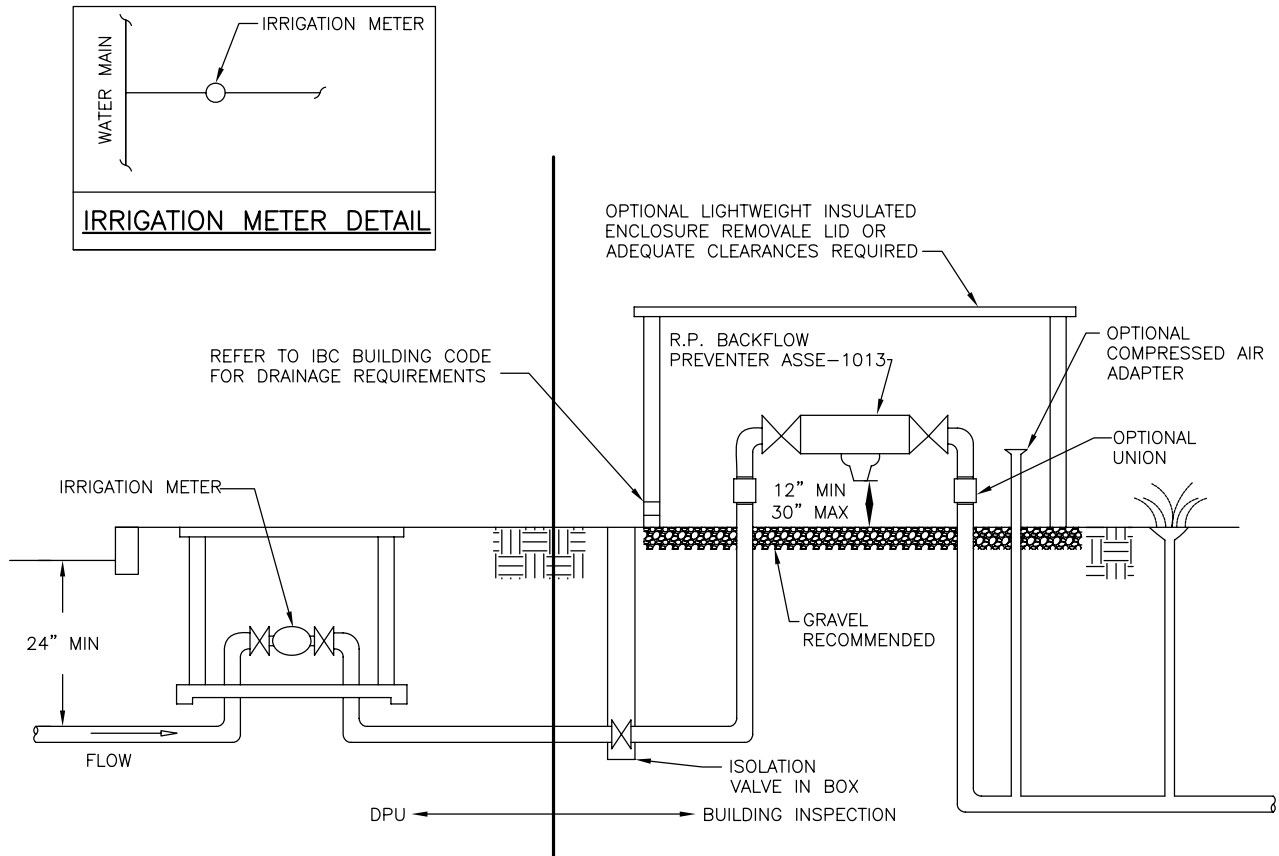


COUNTY OF HENRICO DEPARTMENT OF PUBLIC UTILITIES



PROCEDURE FOR IRRIGATION 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 IRRIGATION METER. REFER TO APPROVED DPU PLANS FOR TYPICAL INSTALLATION DETAILS. NO TAP-INS WILL BE PERMITTED FOR ANY PURPOSE BETWEEN IRRIGATION METER AND BACKFLOW DEVICE.
4. METER BOX AND YOKE IN ACCORDANCE WITH COUNTY OF HENRICO DPU STANDARDS TO BE INSTALLED BY THE CONTRACTOR. THE IRRIGATION METER WILL BE INSTALLED BY THE COUNTY OF HENRICO, DPU.
5. CALL THE BACKFLOW TECHNICIAN AT 727-8709 FOR INSPECTION OF THE BACKFLOW PREVENTER. INSPECTION AND APPROVAL ARE REQUIRED BEFORE THE IRRIGATION METER WILL BE INSTALLED.
6. CALL BUILDING INSPECTIONS AT 501-4368 FOR INSPECTION OF ALL PIPING AND PLUMBING WORK DOWNSTREAM OF THE IRRIGATION METER.
7. OWNER TO PAY BASIC CONNECTION FEE AT DPU PUBLIC INFORMATION OFFICE. FEE MUST BE PAID FOR THE IRRIGATION METER BEFORE THE METER CAN BE INSTALLED. CALL 501-4517 FOR DETAILS.
8. 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.
9. THE OPTIONAL COMPRESSED AIR ADAPTER SHALL BE INSTALLED DOWNSTREAM OF THE REDUCED PRESSURE ZONE BACKFLOW PREVENTER, IF PROVIDED.
10. 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 METER

DRWG. NO.
D-410