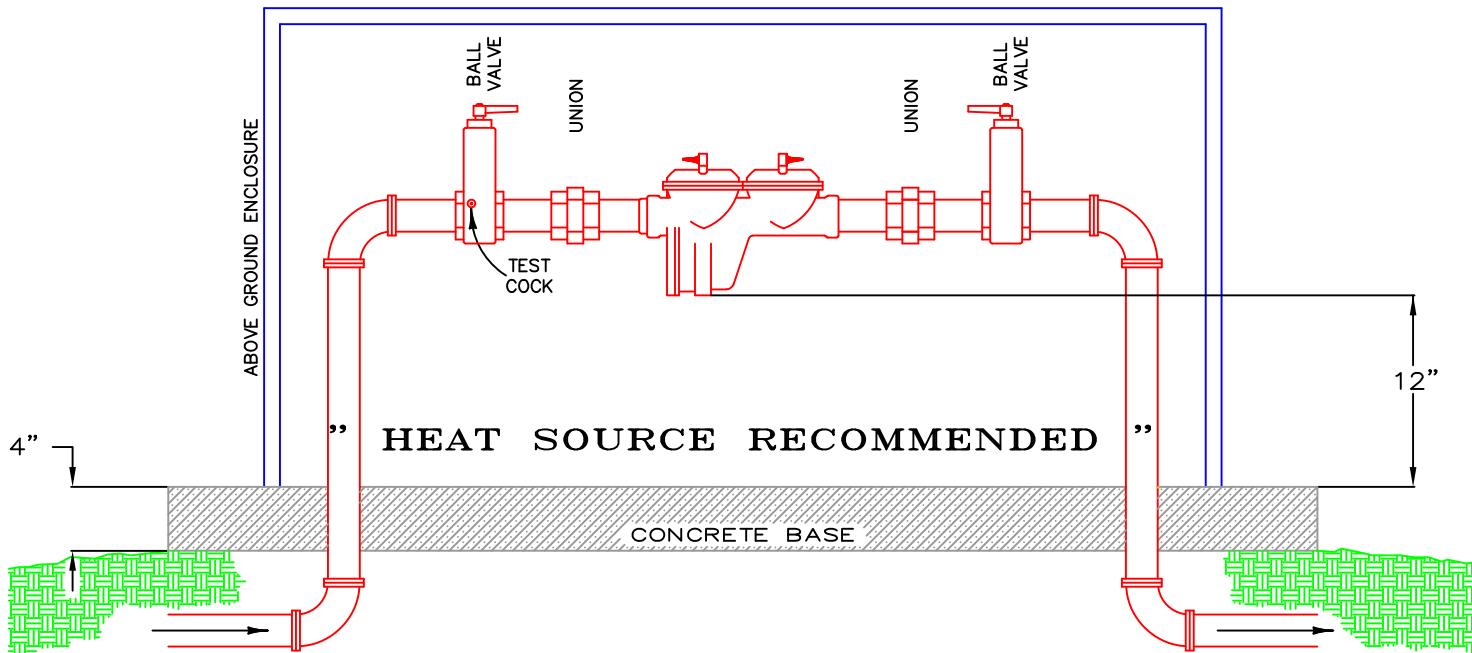


SIZES: 3/4" - 2 1/2"
 LEAD FREE REDUCED PRESSURE BACKFLOW PREVENTER
 ABOVE GROUND INSTALLATION



MINIMUM OF 2' OF COPPER
 ON INLET SIDE OF THE BACKFLOW

MINIMUM OF 2' OF COPPER
 ON OUTLET SIDE OF THE BACKFLOW

1. THE BACKFLOW DEVICE SHALL BE LOCATED WITHIN 10' OF AND ON THE PROPERTY SIDE OF THE METER – FOR DOMESTIC IRRIGATION THE BACKFLOW DEVICE SHALL BE WITHIN 25' OF THE METER OR AT THE FIRST POINT OF CONTACT INSIDE OF THE BUILDING WITH PRIOR APPROVAL FROM THE CROSS CONNECTION COORDINATOR.
2. ALL REDUCED PRESSURE BACKFLOW DEVICES SHALL BE INSTALLED ABOVE GROUND, IN A HORIZONTAL POSITION.
3. SHUT OFF VALVES SHALL BE FULL PORT, LINE SIZE, LEVER TYPE, AND 1/4 TURN BRONZE BALL VALVES.
4. BACKFLOW DEVICES SHALL HAVE TWO RESILIENT SEAT BRONZE UNIONS BETWEEN THE SHUT OFF VALVES FOR REMOVAL OF THE DEVICE, EXCEPT 3/4"–2" WILKINS #375 SERIES
5. THE BACKFLOW DEVICE SHALL HAVE 4 TEST COCKS WITH ONE BEING INSTALLED ON THE CITY SIDE OF THE INLET VALVE, AND THREE IN BETWEEN SHUT OFF VALVE #1 AND SHUT OFF VALVE #2.
6. FOR A LIST OF APPROVED BACKFLOW DEVICES CALL METER SERVICES AT (336)373–7839
7. APPROVED ABOVE GROUND ENCLOSURES: HUBBELL POWER SYSTEMS "HOT BOX" OR POLY-EZ BOX, HYDROCOWL, SAFE-T-COVER, SMI (MODEL #B–30–SZD, B41–SZD, B51–SZD) OR BFP PRODUCTS (MODEL #232–APD, 322–APD, 65–APD) ENCLOSURE DESIGN SHALL BE A TWO PIECE DESIGN ASSEMBLY WITH A HINGE AND LOCKING HASP. ALL ENCLOSURES SHALL HAVE A DRAIN.
8. A FLOOR DRAIN AND THE RELIEF VALVE DISCHARGE PIPING IS REQUIRED IF A BACKFLOW IS INSTALLED INSIDE OF THE BUILDING. THE FLOOR DRAIN AND RELIEF VALVE DISCHARGE PIPING MUST BE SIZED ADEQUATELY TO HANDLE THE VOLUME OF WATER BEING DISCHARGED FROM THE BACKFLOW.
9. INDOOR INSTALLATIONS REQUIRE AN AIR GAP PVC DRAIN TO DIRECT FLOW OF WATER TOWARDS FLOOR DRAIN, AND ELBOW INTO FLOOR DRAIN.
10. TANDEM BACKFLOWS ARE REQUIRED IF SERVICE CANNOT BE INTERRUPTED.

DATE:
6-15-88

**REDUCED PRESSURE
 BACKFLOW PREVENTER**

CITY OF GREENSBORO

GSO-12

REVISED:
7-3-2023

TYPE:
3/4" - 2 1/2"

*WATER RESOURCES
 DEPARTMENT*

SCALE:
NOT TO SCALE