



## **WATER METER SETTINGS AND WATER SERVICE REQUIREMENTS**

### RESPONSIBILITY OF PROPERTY OWNERS

The following requirements are the responsibility of the property owner and SCBWA customers. The Authority reserves the right to terminate water service for any violation of these requirements, as well as those listed in the Authority Rules and Regulations.

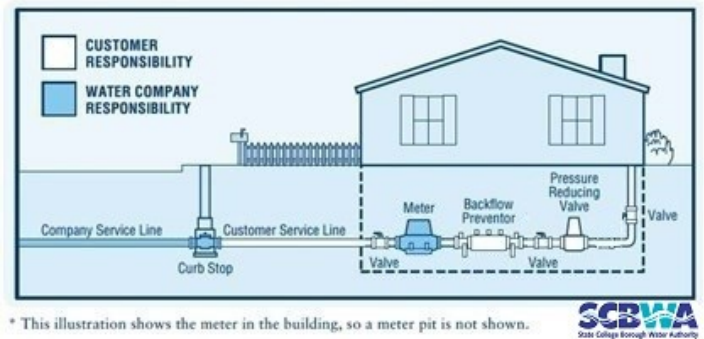
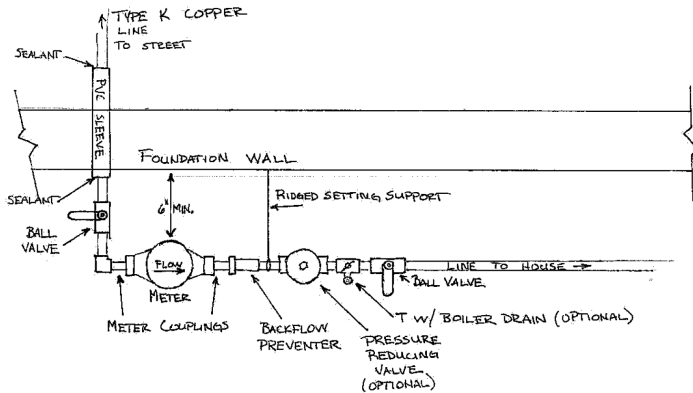
- 1) ALWAYS PLUMB THE METER SETTING SO THE METER WILL BE POSITIONED HORIZONTALLY AND, IN AN AREA SAFE FROM FREEZING OR ANY ADVERSE TEMPERATURES, THAT IS ACCESSIBLE TO THE METER DEPARTMENT OF THE STATE COLLEGE BOROUGH WATER AUTHORITY. EVEN IF THERE IS A RADIO READ METER SET, THE INSIDE WATER METER MUST BE MAINTAINED AND READ PERIODICALLY.

WITH THE ABOVE IN MIND, THE FOLLOWING IS REQUIRED:

- A. WALKING ACCESS TO THE INSIDE METER OR METER PIT AND READING DEVICE(MXU)
  - B. THE METER SETTING CANNOT BE BEHIND APPLIANCES
  - C. THE METER SETTING CANNOT BE BEHIND WATER SOFTENERS
  - D. METER MUST BE:
    - 6" OFF WALL FOR METERS UP TO 1" IN SIZE
    - 12" OFF WALL FOR METERS LARGER THAN 1" IN SIZE
  - E. METER SETTING MUST BE AT LEAST 12" OFF THE FLOOR
  - F. METER SETTING CANNOT BE MORE THAN 54" OFF THE FLOOR
  - G. NO SETTINGS IN GARAGE AREA
  - H. NO SETTINGS IN CRAWL SPACES
  - I. NO SETTINGS UNDER STEPS IN BI-LEVEL HOMES & TOWNHOUSES OR ANY CLOSET OR STORAGE AREA UNLESS USED FOR THE SPECIFIC PURPOSE OF HOUSING THE METER SETTING
  - J. METER MUST BE INSTALLED IN A FASHION TO PREVENT FREEZING
- 2) ALWAYS NOTIFY THE AUTHORITY IF THE WATER NEEDS TO BE TURNED OFF AT THE STREET.
  - 3) ALWAYS NOTIFY THE AUTHORITY ANYTIME WORK IS TO BE PERFORMED WITHIN THE METER SETTING.
  - 4) NEVER REMOVE THE WATER METER.
  - 5) THE SETTING
    - A. LEAD FREE BRASS, COPPER, OR STAINLESS FITTINGS AND PIPE ONLY
    - B. BALL VALVES (NO BLEED PORTS)
    - C. AUTHORITY APPROVED BACKFLOW PREVENTER
    - D. IF FIRST VALVE FAILS, IT MUST BE REMOVED AND REPLACED AT OWNER EXPENSE. THE VALVES ARE NOT AUTHORITY RESPONSIBILITY
    - E. FIRST VALVE MUST BE AT METER SETTING
    - F. BACKFLOW PREVENTER MUST BE INSTALLED AS CLOSE TO THE METER COUPLING AS POSSIBLE.
    - G. GROUND CLAMPS FOR THE GOUND WIRE CANNOT BE LOCATED WITHIN 6 INCHES OF THE METER COUPLINGS/FLANGES
    - H. METER SETTING MUST BE SUPPORTED WITH A RIDGID MEANS OF SUPPORT WITHIN 1 FOOT ON BOTH SIDES OF THE METER
    - I. THREADED, SOLDER, OR PROPRESS FITTINGS ONLY (NO COMPRESSION/BITE)

- 6) WHEN DOES THE SETTING NEED UPDATED?
- WHENEVER THERE IS WORK DONE ON THE PLUMBING IN THE AREA OF THE SETTING
  - WHENEVER THE SERVICE LINE IS REPLACED
  - WHENEVER THE CHECK VALVE OR BACKFLOW PREVENTER FAILS OR IS NOT PRESENT IN OLD SETTING
  - NO CONNECTIONS ARE ALLOWED IN THE SETTING BEFORE THE SECOND VALVE
  - WHENEVER THE METER IS INCORRECTLY INSTALLED (VERTICAL OR UNACCESSIBLE)

- 7) DIAGRAM OF AN APPROVED METER SETTING AND WHO IS RESPONSIBLE FOR WHAT PORTIONS!



- 8) THE DISTANCE FROM THE FIRST VALVE THRU THE SECOND VALVE OF THE ABOVE METER DIAGRAM MUST NOT EXCEED 48 INCHES FOR A 3/4 INCH & A 1 INCH SERVICE CONNECTION. FOR PROPER METER SETTING DISTANCES OF LARGER SIZE SERVICES PLEASE CALL THE OFFICE OF THE STATE COLLEGE WATER AUTHORITY (814)238-6766.
- 9) ALL COMMERCIAL SETTINGS MUST BE LOCATED IN A MECHANICAL ROOM OR IN AN AUTHORITY APPROVED METER VAULT OR PIT WHICH SHALL BE LOCATED A MAXIMUM OF (5') FEET INSIDE THE PROPERTY LINE FROM THE AUTHORITY'S SHUT OFF.
- A METER PIT OR VAULT MUST BE INSTALLED PER THE RULES AND REGULATIONS OF THE AUTHORITY IF THE DISTANCE FROM THE AUTHORITY'S MAIN TO INSIDE THE ENVELOPE OF THE BUILDING IS GREATER THEN THAT WHICH EXCEEDS (3) THREE PIPE FITTING CONNECTIONS UNDER GROUND. (3) THREE INCLUDING THE CONNECTION AT THE AUTHORITY'S SHUT OFF)
- 10) ALWAYS ADDRESS THE ISSUE OF THERMAL EXPANSION WHEN INSTALLING A BACK-FLOW PREVENTER. (INSTALL EXPANSION TANK NEAR WATER HEATER SYSTEMS)
- 11) ANY TIME A CUSTOMER ON A PRIVATE WELL OR TRANSFERRING FROM A PRIVATE WATER SYSTEM WISHES TO CONNECT TO THE MAINS OF THE STATE COLLEGE BOROUGH WATER AUTHORITY THEY MUST PHYSICALLY DISCONNECT THE OLD SYSTEM OUTSIDE OF THE HOUSE. IF THEY WISH NOT TO DISCONNECT THE OLD SYSTEM, THEY WILL NEED TO INSTALL A TESTABLE BACK-FLOW PREVENTER AT THE PROPER POSITION IN THE METER SETTING. SEE DIAGRAM ABOVE (A TESTABLE BACK-FLOW PREVENTER NEEDS TESTED EACH YEAR AT OWNERS EXPENSE).
- 12) ALWAYS CONTACT THE WATER AUTHORITY AT 814-238-6766 TO RELOCATE THE METER SETTING AND OR THE RADIO READ EQUIPMENT.