



## RESIDENTIAL

### NOTE:

1. REDUCED PRESSURE BACKFLOW ASSEMBLY ASSE 1013 SHALL MEET CURRENT TOWN OF APEX CROSS CONNECTION ORDINANCE AND USC CODE.
2. INLET PIPE TO WATER METER SHALL BE SAME SIZE AS OUTLET PIPE BEHIND BACKFLOW PREVENTER.
3. THERE SHALL BE NO TAPS, BYPASS PIPING, HYDRANTS, FIRE DEPT. CONNECTION POINTS OR OTHER WATER-USING APPURTENANCES CONNECTED TO THE SUPPLY LINE BETWEEN ANY WATER METER AND ITS REQUIRED BACKFLOW PREVENTER.
4. EACH BACKFLOW PREVENTER CONNECTED TO TOWN OF APEX WATER SUPPLY (CONTAINMENT) SHALL BE TESTED BY AN APPROVED TESTER BEFORE PLACING THE WATER SYSTEM IN SERVICE AND SHALL BE TESTED ANNUALLY OR AS REQUESTED BY THE TOWN OF APEX.
5. IRRIGATION BACKFLOW PREVENTERS SHALL BE INSTALLED OUTSIDE.
6. AUTOMATICALLY CONTROLLED IRRIGATION SYSTEMS ARE REQUIRED TO INSTALL A RAIN SENSOR SET TO  $\frac{1}{4}$  INCH OR LESS PER TOWN OF APEX ORDINANCE.
7. ENCLOSURE SHALL HAVE THE FOLLOWING INFORMATION MARKED:
  - A. NAME OF MANUFACTURER OR TRADE MARK
  - B. MODEL NUMBER
  - C. DATE CODE OR SERIAL NUMBER
  - D. CLASS DESIGNATION AND LOWEST TEMPERATURE RANGE
  - E. ASSE STANDARD #1060
  - F. MARKINGS SHALL BE 6 MM ( $\frac{1}{4}$ " ) SIZE LETTER HEIGHT AND CAST, ETCHED, STAMPED OR ENGRAVED ON THE ENCLOSURE, OR ON A CORROSION RESISTANT PLATE SECURELY ATTACHED TO THE ENCLOSURE.
  - G. 2" SIZE NUMBERS TO BE PLACED ON THE BACK OF THE COVER FOR EACH BACKFLOW LOCATION (COMMERCIAL ONLY).
8. ALL BACKFLOW PREVENTERS SHALL BE "LEAD FREE".
9. ASSE 1060 CLASS 1 OR 2 INSULATED ENCLOSURE IS REQUIRED FOR IRRIGATION SYSTEMS THAT DO NOT HAVE THREADED UNIONS TO ALLOW REMOVAL DURING THE WINTER SEASON. SHUT OFF VALVES (SOV) ARE REQUIRED AND CANNOT BE SUBJECT TO FREEZING.
10. BACKFLOW PREVENTERS SHALL NOT BE INSTALLED BEHIND FENCES, UNDER FOUNDATIONS, DECKS OR INSIDE DWELLINGS.
11. BACKFLOW PREVENTERS SHALL NOT BE INSTALLED 10' PAST THE FRONT FACADE OF THE DWELLING.

SCALE: N.T.S.

TOWN OF APEX  
STANDARDS

EFFECTIVE: JUNE 11, 2024

## TYPICAL SERVICE & IRRIGATION CONNECTIONS

STD. NO.

620.01

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