

SECTION 12300 – WATER SERVICE LINES

DEFINITION

- Domestic Water Service Lateral shall be the pipe from the public water main to the primary service shut off valve, except when the meter is inside, then it is to the curb stop.
- Fire Service shall be the pipe supplying fire flow to a building by any means other than a public fire hydrant.
- Dual Service shall be a fire service with a domestic meter in the vault.

SPECIFICATIONS

- All construction and meter specifications shall be per the BCWS “Standard Specifications and Details for Water and Sanitary Sewer Construction” and “Backflow Prevention Regulations”. See Technical Specifications for:
 1. Water service laterals and fire service piping
 2. Outside Meter Setting
 3. Inside Meter Setting
 4. Fire Service and Dual Service Setting

LOCATIONS

- Meter pits, curb stops and/or fire vaults shall be located in accordance with the Butler County standard street section on private property within two feet (2’) of the utility easement line, where a platted utility easement exists adjacent to the right-of-way. Where no utility easement exists adjacent to the right-of-way, the meter pit, curb stop and/or fire vault shall be located on private property within two feet (2’) of the property/right-of-way line. The maximum distance from the water tap to the meter pit, curb stop and/or fire vault shall be the shortest distance from the water tap location on the water main to the edge of the right of way or easement line plus two feet (2’), unless approved otherwise by BCWS.
- Inside meter locations are not allowed except under certain situations with the approval of BCWS.
- Meter pits and curb stops shall not be located in driveways or paved areas.
- Fire vaults shall be constructed per the BCWS “Standard Specifications and Details for Water Sanitary Sewer Construction”.

MAINTENANCE

- **DOMESTIC SERVICES LINES**
 1. Property Owner shall be responsible for the maintenance of the meter pit and/or curb stop so as to provide for the proper operation and maintenance of the meter and the proper operation of the curb stop. Said maintenance shall be to BCWS standards.
 2. BCWS shall maintain all domestic water service lines from the public water main to the meter pit, or in the case of inside meter settings, BCWS shall maintain to the curb stop.

3. BCWS shall maintain the meter.

FIRE SERVICE

- Property Owner shall maintain from the valve at the public water main through and including the fire vault backflow preventer. Said maintenance shall be to BCWS standards. BCWS shall only maintain the valve at the public water main and the bypass meter on the Double Detector Check Backflow Preventer.

DUAL SERVICE SHALL WITH A DOMESTIC WATER SERVICE METER IN THE FIRE VAULT

- Property Owner shall maintain from the valve at the public water main through and including the fire vault and meter settings. Said maintenance shall be to BCWS standards. BCWS shall only maintain the valve at the public water main, the domestic meter and the bypass meter on the Double Detector Check Backflow Preventer.

FIRE SERVICE WITH DOMESTIC METER CONNECTION AND METER PIT OUTSIDE OF THE FIRE VAULT

- Property Owner shall maintain from the valve at the public main through and including the fire vault. Said maintenance shall be to BCWS standards.
- Property Owner shall maintain the domestic water service line from the connection at the fire service pipe through and including the meter pit and/or setting. Said maintenance shall be to BCWS standards.
- BCWS shall only maintain the valve at the public water main, the domestic meter and the bypass meter on the Double Detector Check Backflow Preventer.

WATER SERVICE METERS

- All domestic water meters shall be Sensus Omni C2 type for sizes 1-1/2" and larger. Non-domestic (i.e. deduct and irrigation) may either be Sensus T2 or C2 type for sizes 1-1/2" or larger.

END OF SECTION