



Bartow County Water Department
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BARTOW COUNTY WATER & SEWER SYSTEM
WATER METER VAULT SPECIFICATIONS

- (1) Meter vaults shall be constructed with pre-cast reinforced concrete consisting of a minimum 6" wall thickness.
- (2) Bedding shall consist of a minimum 12" layer of #57 Compacted Stone.
- (3) The meter vault top shall have a minimum 8" reinforced concrete thickness.
- (4) An aluminum access ladder doweled to the meter vault wall or manhole steps centered at the access opening shall be installed.
- (5) The hatch cover must be a 36" x 36" Bilco-Aluminum Single Model J-4AL or equivalent.
- (6) Meter vault inlet/outlet pipe openings shall be sealed with grout or mortar. (*Note: Piping must not support the meter vault!*)
- (7) Backflow Prevention (BFP) Assembly Devices must be supported at two (2) points with either pipe stands or solid masonry supports.
- (8) Thrust blocking shall be installed to prevent potential "blow-offs".
- (9) Installations of 4" to 8" Double Check Detector Assembly (Watts® Regulator Series 709DCDA-OSY-GPM Badger Meter) shall be required. Backflow Prevention (BFP) Device Testing: All Double Check Detector Assemblies (DCDA) shall be tested upon initial installation and at least annually thereafter by a certified and approved testing service. A copy of these testing results shall be submitted to the Bartow County Water Department immediately upon completion of testing procedures.
- (10) Restrained flange adapters must be a Series 2100 Megaflange by EBAA Iron, Incorporated® or an approved equal.
- (11) Thrust tie rods shall be galvanized while all pipe and their associated fittings shall be constructed of ductile iron.
- (12) Meter vaults shall be installed on an owner's private property with provisions for a 15' x 30' utility easement and/or right-of-entry clause.
- (13) All materials shall be furnished and installed by the customer or owner.