

5. SERVICE CONNECTIONS

(a) Original service pipe and connections from the curb valve to the Customer's premises will be installed by the Company or under its direction, at the expense of the Customer. All service pipes shall have a minimum cover of four and one half feet, a maximum of five and one half feet, and a minimum inside diameter of one inch. To the extent not prescribed by State and Municipal regulations, materials and methods of construction shall be pre-approved by the Company, and if the service has not been installed in accordance with Company's reasonable requirements, water will not be turned on until all defects have been remedied.

(b) As used herein, the service connection means the service pipe from the main to the property line of the premises to be serviced, including the corporation cock, curb stop and curb box, and shall be laid at a right angle to the water main; and shall not cross what at the time of installation were intervening properties, and will be furnished and installed by, and shall remain the property of the Company and under its sole control and jurisdiction.

(c) The portion of service pipe from the main to the curb valve shall be maintained or replaced as necessary by the Company at Company expense. Service pipe from the curb stop to the Customer's premises will be maintained by the Customer at his expense and in a manner satisfactory to the Company; provided, that if such service pipe is installed by the Company it will be guaranteed by Company for one year.

(d) Curb stops will not be used by the Customer or his agent for turning on or shutting off the water supply. The Customer's control of water supply shall be by means of a separate valve, located usually just inside the building wall. Curb stops are for the exclusive use of the Company.

(e) No service pipe shall be laid in the same trench with gas pipe, sewer pipe, electric or telephone wires or any other facility of a public service company, nor within ten feet of any open excavation, tank, cesspool or vault.

(f) The Company shall furnish, install, own, and maintain all new service connections, meters, and meter installations, provided the costs of excavation, backfill, and removal, and replacement of paving, walks, curbs, etc., including the hiring of traffic control personnel, and obtaining the street opening permits, necessarily incurred in respect to new services, shall be borne by the Customer or other applicant for service. For replacement of services from the main to the curb, the Company shall bear all costs.

(g) On future installations or reinstallations of service lines, only one premises will be supplied through one pipe, and such premises shall have its own curb stop and water meter.

(h) Standards for Service Pipe

- (1) Service pipe shall be installed at a minimum depth of 4-1/2 feet and maximum depth of 5 1/2 feet. Any re-grading of property must retain the minimum depth required.
- (2) Service pipe shall run at right angles to the main in a straight line to the premises to be serviced. If a multiple premises building is positioned at a right angle to the existing distribution main, a new distribution line placed in an easement shall be necessary to permit right angle services to the premises for installations after the effective date of these Rules and Regulations. The pipe shall not cross property which it does not serve nor be installed within 5 feet of a driveway or catch basin. The approval of the Company shall be secured as to the proper location for the service pipe. If the Customer service line enters a cellar, the cellar must be excavated and the service line laid to the inside of the cellar before a service connection will be made. Services for buildings with no cellars shall have underground stop and waste valves with box between the curb shutoff and the building.
- (3) The Customer is urged to obtain the Company's recommendation for the proper Customer service line size which shall in no case be less than one inch in diameter. The Company reserves the right to specify such diameter and may withhold the installation of the service connection until its specifications have been met.
- (4) Service pipe shall be of copper or other Company approved material. Copper shall be: cold drawn or soft annealed, seamless copper type "K" which meets ASTM standard specifications for Lake copper B4-27; of standard weight and dimensions for copper service tube; able to withstand being flattened and then bent back on itself 180 degrees while cold, without cracking on the outside of the bent portion. No soldered joints will be allowed underground. All connections shall be compression fitting. All new service connections shall be equipped with a straight dual check valve at the customer's expense. If the water service is used for electrical grounding, it shall only be used as a secondary ground to the ground sources (meaning it must have a higher resistance than the other ground sources).
- (5) In some instances the use of plastic pipe may at the Company's sole discretion be approved by the Company. Such pipe will be PE3408 polyethylene rated at 200 PSI working pressure with this information and an NSF seal on the pipe. Non-metallic pipe must be paralleled with approved metallic tape for ease of locating. Plastic pipe must be approved in advance of service line installation by the Company in writing. No plastic pipe will be installed within 500 feet of underground fuel storage tank.
- (6) Service pipe shall be laid in a dedicated trench without other underground utility facilities including oil or sewer pipes. Separation distances shall be according to the Ten State's standards and the Commonwealth of Massachusetts Guidelines and Policies for Drinking Water Systems. In order to avoid possible damage, the Customer or his agent performing the excavation for a new or renewed service shall arrange with the other

agencies having sub-surface rights as to adequate notification and inspection.

(7) The ditch underneath, around and over the pipe shall be back filled with suitable material such as sand or other material approved by the Company thoroughly tamped to secure a firm support. To disclose any settlement of the back fill which may need correcting, newly filled ditches shall be re-inspected at intervals.

(8) The Customer service line for new and/or repaired services must be left uncovered for inspection by a Company representative. The service connection to the Company main will not be made until such inspection has been performed and the service line approved. Final approval of the Customer service line will be subject to a satisfactory hydrostatic test, which test will be made by the Company following installation of the service connection. No person, firm or corporation or entity other than a representative from the Company shall activate a service line under any circumstances unless approved in writing by the Company.