

RESOLUTION

A RESOLUTION REVISING RULES AND REGULATIONS FOR INSTALLATION, OPERATION AND MAINTENANCE OF WATER SERVICE PIPES, FIRE SERVICE PIPES AND WATER METERS

WHEREAS, management and control of the West Des Moines Water Works is vested in The Board of Trustees, and

WHEREAS, this Board of Trustees believes that it is appropriate, necessary and in the public interest that its practices relating to the installation of water service pipes, fire service pipes and water meters be set forth in an orderly manner, and

WHEREAS, this Board of Trustees believes that the practices set forth herein will provide for orderly construction, operation and maintenance of water service pipes and fire service pipes, and

WHEREAS, this Board of Trustees believes that the practices set forth herein and in the specifications attached hereto provide for orderly installation, operation and maintenance of water meters, together with opportunities to accurately charge water users for the water provided to them,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE WEST DES MOINES WATER WORKS, AS FOLLOWS:

SECTION 1. Water Service Pipes, Generally

The following rules and regulations apply to the installation, operation and maintenance of all water service pipes, regardless of the character of the building or irrigation system to which the water service pipe is connected.

1. The term "water service pipe" means the assembly of pipe, fittings and connections required to transport water for daily uses from a water main, or a fire service pipe, to any building or irrigation system. The water service pipe includes the connection to the water main, whether such connection is made by corporation valve or tapping valve and sleeve and includes a suitable provision for installation of a water meter. The water service pipe also includes the shut-off valve, or curb valve, installed as a part of the water service pipe.

In multi-dwelling or multi-occupancy commercial unit buildings, "water service pipe" also includes pipes between the water meter and the first fitting inside such dwelling or commercial unit. Such pipes may be constructed of any materials approved in the plumbing code of the City of West Des Moines.

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2. The person who owns and the person who occupies the building or irrigation system which is connected to the water service pipe shall be responsible for the installation, operation and maintenance of the water service pipe.
3. The minimum size of water service pipe for a single-family residential dwelling unit shall be 1 inch nominal diameter.
4. The size of water service pipe for any other building or irrigation system shall be determined by the owner thereof or a representative of the owner. The Water Works will not provide guidance thereon.
5. If a water service pipe is connected to a fire service pipe, the water service pipe need not extend to publicly-owned right-of-way. The connection between the water service pipe and the fire service pipe shall be located a minimum of five feet outside the building foundation wall.
6. Every water service pipe shall have a Water Works-approved shut-off valve installed outside the building foundation wall. A Water Works-approved valve box shall be installed over the shut-off valve to allow access to the valve without excavation.
7. Manifolding of water service pipes is permitted, provided (1) shut-off valves are installed in each pipe immediately downstream of the manifold, (2) the Water Works is provided field verified information on the locations of shut-off valves for each dwelling or commercial occupancy unit, (3) the shut-off valves are permanently marked with the unit address or other designation, in a manner approved by the Water Works, and (4) the pipes and shut-off valves are arranged in the same order as the occupancy units. Pipes shall not cross each other. A master shut-off valve is recommended.
8. No water service pipe shall be constructed so it becomes buried in the earth under any portion of a dwelling or commercial occupancy unit other than the dwelling or commercial occupancy unit to which it is connected. No water service pipe shall be constructed within any concrete floor. Water service pipes may cross portions of a concrete building foundation, but not otherwise be constructed within such foundation.
9. Water service pipes shall be constructed of materials approved by the Water Works. These requirements are stated in separate construction specifications.
10. Cross connection control shall be provided as set out in an Ordinance of the City of West Des Moines.