TITLE VIII.

PLUMBING CODE

CHAPTERS:

8-01. General Provisions.

CHAPTER 8-01

GENERAL PROVISIONS

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8-0101. **NORTH DAKOTA STATE PLUMBING CODE ADOPTED**. The North Dakota State Plumbing Code is hereby adopted and all installations, repairs and alterations of plumbing shall, from the effective date of this ordinance, be performed in accordance with its provisions. The installation in buildings of the pipes, fixtures, and other facilitating apparatus for bringing water into, and using the same in buildings, and for removing liquids and water-carried wastes therefrom and including the practice, materials, and fixtures used in the installation, maintenance, extension, and alteration of all piping, fixtures, appliances and appurtenances in connection with any of the following: sanitary drainage or storm drainage facilities, the venting system, and the public or private water-supply systems, within or adjacent to any building or other structure, or conveyance, also the practice and materials used in the installation, maintenance, extension, or alteration of the storm water or sewage system of any premises to their connection with any point of public disposal or other terminal in the City of Mapleton, North Dakota, shall meet the provisions of the North Dakota State Plumbing Code as the same are now established in said Code, copies of which said Code are on file with the City Auditor and are hereby a part of the chapter by reference, with the exception of the sections hereinafter set forth affecting local conditions in the City, which sections shall be substituted for and in lieu of any like sections or paragraphs in the North Dakota State Plumbing Code; and the City Council, by this section, hereby approves and adopts such rules and regulations, as so modified, for use and application in the City of Mapleton, including any area within the extraterritorial zoning jurisdiction of the City.

8-0102. **AMENDMENT OF STATE PLUMBING CODE**.

A. No services shall be constructed from a main for any purpose having a greater capacity than fifty percent of the main, and in no case shall a service be larger than eight inches in diameter.

B. Services one and one-half inches in diameter or less shall be of copper pipe, which shall conform to the latest revision ASTM Specification B88-33 for underground services known as Type "L" soft tubing, or greater. Taps on water mains may be made up to two inches in diameter except on mains of six inches diameter or less when taps larger than one inch will not be permitted.

C. Services one and one-half inches in diameter or less which are located in the same trench as the sewer service main, shall conform to the latest revision ASTM Specification B88-33 for underground services known as Type "K" soft tubing, or greater, and said water service pipe must be placed at an elevation at least twelve inches above the sewer service.

D. If the water service is placed in the same trench as the sewer service, the sewer service shall be subject to the following requirements:

(i) Shall not leak when subjected to a ten-foot head of water, or equivalent.

(ii) Joints must be water-tight and root-proof.

(iii) A sewer pipe must be dwv schedule 40 plastic or heavier.

(iv) The sewer service must be installed at least twelve inches lower than the water service.

E. Services over one and one-half inches in diameter shall be either copper or PVC 900 pipe connected to the main by a Zapping sleeve and valve or tee. Gate valves below four inches shall not be used. Any service less than four inches in size shall have a four-inch gate valve with proper reducers.

F. No new service shall be constructed and no existing service shall be changed in such manner that more than one building shall be on same service.

G. Copper services shall have at least two feet of extra length between the main and the curb cock.

H. 1. All new businesses that have deep fryers or grills, prepare or cook meat, or require a grease extracting hood that exceed 100 mg. per liter FOG regulation, must install a grease trap or interceptor. All grease traps and interceptors must be designed using standard engineering principles for sedimentation and floatation in gravity separators. Sufficient grease and storage capacity is required, with the minimum capacity of 50 GPM flow rate. Other treatment works or devices designed to remove greases from the wastewater may be used but must be approved in writing by the City Agent. All businesses maintaining grease trap interceptors must maintain the grease traps and interceptors so that they perform in the manner in which they are designed. Each business must maintain a log setting forth the maintenance on the grease traps or interceptors, which logs shall be available for inspection by an employee of the City of Mapleton within the normal business hours of the business.

2. Businesses that exist as of the date of this ordinance that have deep fryers or grills, prepare or cook meat, or require a grease extracting hood that exceeds 100 mg. per liter FOG regulation, are grandfathered and are not required to install a

grease trap or interceptor as set forth above, except the business must do so if any of the following conditions apply:

(i) The business undertakes a major renovation of the cooking area in the business.

(ii) The business makes major upgrades to kitchen equipment in the business.

Any existing business which is required to install grease traps and interceptors as a result of this section shall be ordered to install one within a reasonable period of time as set in a written notice from the City Agent.

8-0103. **STATE TO ADMINISTER AND ENFORCE CODE**. The administration and enforcement of this chapter shall be by the State of North Dakota, who shall be referred to in this chapter as the "administrative authority" and who is hereby authorized to enforce the provisions of this chapter and to make the inspections and tests required thereunder. The State may appoint a person or persons to act on its behalf as such administrative authority. The State shall be responsible for the setting and collection of fees, the granting of permits and the inspections required by the North Dakota State Plumbing Code.

8-0104. **RIGHT OF ENTRY**. The administrative authority shall have the right to enter any premises at reasonable times for the purpose of inspecting any plumbing system.

8-0105. **PROTECTION OF WATER SUPPLY SYSTEM**. The administrative authority shall make such rules and regulations in furtherance of the purposes of this title and not inconsistent with the specific provisions of this title for the installation, repair or alteration of air-conditioning systems, water-treatment equipment, and water-operated devices as may be deemed necessary to properly protect the water supply system.

8-0106. **PENALTY**. Any person violating any provision of the plumbing code adopted by this title or any section of this title shall be guilty of an infraction and shall be subject to the penalties set forth in Section 1-0211. Each day such violation continues shall be considered a separate offense.

8-0107. **LICENSE REQUIRED**. No individual or company shall engage in the business of plumbing in the City of Mapleton unless at all times a registered and license master plumber, who is responsible for the proper installation thereof, is in charge of such work. No person shall engage in the business of plumbing as a master plumber or journeyman plumber without being licensed and registered as a master plumber or journeyman plumber by the State of North Dakota. No local license will be required.