

ORDINANCE NO. _____

AN ORDINANCE AMENDING CHAPTER ---, OF TITLE ---, FIRE CODE, AND CHAPTER --- OF TITLE ---, FIRE DEPARTMENT, OF THE MUNICIPAL CODE BY ADDING NEW SECTIONS ----- AND BY ADOPTING BY REFERENCE THE NFPA FIRE HYDRANT COLOR CODING STANDARDS, AND ESTABLISHING CERTAIN STANDARDS FOR FIRE FLOWS AND HYDRANTS AND USE OF SOME EXISTING FIRE HYDRANTS.

BE IT ORDAINED BY THE CITY OF _____, TENNESSEE, THAT:

SECTION 1. The existing Fire Code, is hereby amended by adding a new section which shall establish a standard for the color coding of fire hydrants as follows:

NFPA 291, (most current edition) Fire Flow Testing and Marking of Hydrants, published by the National Fire Protection Association, is hereby adopted by reference and incorporated into this code as if it were set out at length herein and shall be controlling within the corporate limits.

SECTION 2. The existing Chapter, is hereby amended by adding a new section, which establishes certain standards for fire hydrants and water mains within the corporate limits.

All future water mains and fire hydrants shall be installed in such a manner to provide adequate fire flows. All water mains shall be at least six inches in diameter. Larger mains shall be installed where necessary to insure that a minimum of 500 gallons per minute (gpm) at 20 pounds per square inch (psi) residual pressure is available at all fire hydrants. Additional gallons per minute above the minimum 500 gpm shall be available if the Needed Fire Flow to structures in the area demands such additional flows. The Fire hydrants shall be installed in such a manner that there shall be a fire hydrant within 500 feet of the front entrance of every structure of more than 300 square feet. The distance to the fire hydrant shall be measured along the route that would be accessible to the fire department to lay fire hose from the hydrant to the building.

SECTION 3. Fire Hydrants that currently exist on mains that will not flow at least 500 gallons per minute at 20 pounds per square inch of residual pressure are designated Class C hydrants and shall not be used by the fire department for connection to the pumper connection of fire apparatus. Such fire hydrants shall be painted solid red in color, or have their tops and nozzle caps painted red in color, to indicate to firefighters that this hydrant will not flow adequate gallons per minute necessary for firefighting operations. The fire department may use these hydrants to fill water tanks using the available pressure in the fire hydrant.

SECTION 4. All Class C fire hydrants shall be identified by the Fire Chief, color coded, and a list of such fire hydrants shall be compiled, made available to all fire department personnel, and attached to a cover letter from the Fire Chief to the responsible water provider. The cover letter shall contain at least the following words, “The attached list of fire hydrants have been found to have inadequate fire flows and will not be used by the fire department for pumping operations.” Such letter shall be generated annually with a copy to the Mayor.

SECTION 5. All new fire hydrants shall have a single pumper connection and two 2½ inch hose connections in the proper size and thread used by the fire department and shall meet American Water Works Association (AWWA) Standard C502 for fire hydrants. Non-repairable fire hydrants shall be replaced with fire hydrants meeting these same specifications.

SECTION 6. Each section, subsection, paragraph, sentence, and clause of this Ordinance is hereby declared to be separable and severable. The validity of any section, subsection, paragraph, sentence, or clause shall not affect the validity of any other portion of this Ordinance, and only any portion declared to be invalid by a court of competent jurisdiction shall be deleted here from.

SECTION 7. All ordinances or parts of ordinances in conflict herewith are hereby repealed.

SECTION 8. This Ordinance shall take effect after its final passage, the public welfare requiring it.

PASSED ON 1st READING _____, 20__.

PASSED ON 2nd READING _____, 20__.

PASSED ON 3rd READING _____, 20__.

MAYOR

RECORDER