
APPENDIX D

**BOWLING GREEN / WARREN COUNTY
FIRE PROTECTION ORDINANCES**

12-1.20 Transporting Dynamite or Other Explosives; Warning Flag.

It shall be unlawful for any person to carry, transport or haul any dynamite, nitroglycerine or other high explosives through the streets or alleys of the City unless such person has a red flag of sufficient dimensions to attract attention, attached to both the front and rear of the vehicle in which he is hauling dynamite, nitroglycerine or other high explosives. On such flag shall be written in large white letters the words, "Danger, High Explosive."
(Ord. BG80-63, S12-21, 7/15/80)

12-1.21 Vehicles Transporting Dynamite or Other Explosives: Parking; Using Congested Streets.

It shall be unlawful for any person to park any vehicle containing dynamite, nitroglycerine or other high explosives in the City limits or to leave any vehicle containing such explosives in any garage, livery stable or elsewhere within the City, or for the owner or proprietor of such livery stable or garage in the City to allow or permit any person to leave any vehicle containing such explosives therein; and any vehicle hauling dynamite, nitroglycerine or other high explosives shall keep off the main and congested streets of the City and whenever possible to do so.
(Ord. BG80-63, S12-22, 7/15/80)

12-1.22 Fire Hydrant and Water Supply Requirements.

a. The following fire hydrant and water supply requirement shall apply to all residential and commercial lots or developments fronting on public streets in the City, except those lots fronting on streets for which the City has heretofore accepted maintenance responsibilities:

1. Residential Subdivisions (including Trailer Courts).**(a) Water Supply.**

(1) Water mains shall be not less than six (6") inches in diameter, including fire hydrant branch connections, installed in conformity with the minimum requirements of the servicing utility.

(2) Water mains shall be so arranged that the distance between intersecting mains does not exceed eight hundred (800) feet. If intersecting mains are at a distance in excess of eight hundred (800) feet, mains not less than eight (8) inches in diameter shall be used.

(3) Eight (8") inch mains shall be used where dead end and poor circulating gridironing is likely to exist, or where the layout of the streets and topographical characteristics are not well adapted to a circulating system.

(4) The distribution system shall be equipped with a sufficient number of valves so located that breakage or other interruption will not cause the shut down of any portion of a main greater than eight hundred (800') feet. Wherever meters are installed in conjunction with fire hydrants, said meters shall be of the fire protection type and at least six (6") inches in size.

(b) Fire Hydrants - Installation. Fire hydrants shall be spaced not further than five hundred (500') feet apart as measured over hard-surface roads. In no event shall the distance between a fire hydrant and a building exceed three hundred (300') feet as measured on an all-weather road.

(c) Fire Hydrants - Type.

(1) Fire hydrants shall meet the minimum specifications and be installed in conformity with the requirements of the servicing utility.

(2) Fire hydrants shall deliver six hundred (600) gallons per minute with a friction loss of not more than two and one-half (2-1/2) pounds per square inch in the hydrant, and a total loss of not more than five (5) pounds per square inch between the street main and outlet.

(3) Fire hydrants shall be equipped with not less than two and one-half (2-1/2") inch outlets and a four and one-half (4-1/2") inch pumper outlet with American standard threads.

(4) A gate valve shall be installed in the hydrant connection to the street main.

2. Commercial and High Density Residential Development.

(a) Water Supply.

(1) Water mains shall be not less than six (6") inches in diameter, including fire hydrant branch connections. Water supply and water main sizes shall be subject to reasonable additional requirements relative to the degree of density of development and use.

(2) Approval of the Fire Chief or the Fire Prevention Officer shall be obtained prior to the issuance of a building permit.

(b) Installation of Fire Hydrants.

(1) Fire hydrant spacing shall be not less than that required in paragraph 1 above, and in addition thereto, each building shall have hydrants within the following distances:

- i. 300 feet - 1 hydrant
- ii. 500 feet - 4 hydrants
- iii. 1000 feet - 5 hydrants

(2) No part of the exterior of a building, other than dwellings, shall be farther than three hundred (300') feet from a hydrant. The distance shall be measured along the shortest feasible exterior route (never measured through buildings) for laying hose.

(3) Fire hydrants shall be located at least twenty-five (25') feet from the exterior wall of any masonry building, and at least fifty (50') feet from any exterior wall of frame or equivalent construction, including brick and stone veneer.

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(c) Specifications and Requirements for Fire Hydrants. Fire hydrants shall meet the minimum specifications and be installed in conformity with the requirements of the servicing utility.

b. The City-County Planning Commission shall require new residential and commercial subdivisions and developments in the City to comply with the fire hydrant and water supply requirements set out in paragraph a.

(Ord. BG80-63, S12-23, 7/15/80; Ord. BG84-14, 4/17/84)

12-2 FIRE DIVISION.

12-2.01 Chief's General Responsibility.

The Fire Chief shall be responsible to the City Manager for the efficient operation and management of the Fire Division.

(Ord. BG80-63, S12-34, 7/15/80)

12-2.02 Organization.

The Fire Division shall be organized in accordance with provisions of Section 2-4 of Chapter II. A table of organization shall be adopted by the Division subject to the approval of the City Manager.

(Ord. BG80-63, S12-35, 7/15/80)

12-2.03 Personnel Rules and Regulations.

In addition to the disciplinary provisions of KRS Chapter 95; members of the Fire Division shall be subjected to all personnel rules and regulations adopted by ordinances or resolution. They shall also be subjected to division rules and regulations contained in the Division's operational manual.

(Ord. BG80-63, S12-36, 7/15/80; Ord. BG84-17, 5/1/84)

12-2.04 Police Authority of Firemen.

The members of the Fire Division shall have all the authority of Police Officers of the City when called out for that purposes by the Fire Chief or City Manager.

(Ord. BG80-63, S12-38, 7/15/80)

12-2.05 Firemen Subjected to Call at All Times.

The members of the Fire Division shall at all times be available for service when called upon by the Fire Chief, Deputy Chief, the ranking officer on duty or the City Manager.

(Ord. BG80-63, S12-39, 7/15/80)

**ORDINANCE TO AMEND ORDINANCE
ESTABLISHING MINIMUM STANDARDS FOR FIRE PROTECTION
IN WARREN COUNTY, KENTUCKY**

Ordinance No. 02-26 WC

BE IT HEREBY ORDAINED AS FOLLOWS:

WHEREAS, the residential and commercial development of Warren County has been considerable during the past ten years and is expected to continue into the future and that those residences and businesses continue to demand quality public safety services;

WHEREAS, the requirement to place fire hydrants facilitates public safety services and fire protection particularly to the residence and businesses of Warren County, and that the Warren Fiscal Court deems it to be in the best interest of Warren County to maintain minimum standards for fire protection; and

WHEREAS, the Warren Fiscal Court, by Ordinance 86-58 WC dated October 24, 1986, and later amended by Ordinance 92-24 WC dated June 26, 1992, established minimum standards for fire protection and desires to amend and replace these standards.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNTY OF WARREN, KENTUCKY, as follows:

I. Regulation Application

- A. That these regulations apply to all new development fronting public streets involving agricultural and single family residential subdivisions with more than 4 lots, agricultural tracts of less than ten acres, and all multi-family residential, mobile home parks, commercial, office or industrial subdivisions within Warren County. All agricultural and single family residential subdivisions involving the use of the 4 lot exception shall be based on recorded plat or deed information as of July 1, 2001. No such subdivision shall be allowed more than the 4 lot exception without either meeting or exceeding the requirements of this ordinance or receiving a waiver.

- B. All agricultural subdivisions of ten (10) acres or more are exempt from the requirements of this ordinance.

II. All Agricultural and Single Family Residential Subdivisions

C. Water Supply

- i. New water mains shall be supplied by existing water mains of sufficient size and capacity to yield a fire flow of at least 250 GPM with 20 PSI residual pressure from the newly constructed water mains.
- ii. Where existing water supply facilities do not have adequate capacity to yield 250 GPM at 20 PSI residual pressure, any required improvements to existing facilities shall be made at the developer's expense.
- iii. New water mains providing service to the subdivision property which provide fire protection shall not be less than six inches in diameter, including fire hydrant branch connections.
- iv. New water mains of larger sizes may be required if recommended by the local water authority to achieve the required fire flow.

D. Fire Hydrant Installation

Fire hydrants shall be placed no farther than 1,000 feet apart as measured over public, all-weather roads.

III. All Other Subdivisions (Commercial, Multi-Family, Office, Industrial, Mobile Home Parks)

A. Water Supply

- i. New water mains shall be supplied by existing water mains of sufficient size and capacity to yield a fire flow of at least 600 GPM with 20 PSI residual pressure from the newly constructed water mains.
- ii. Where existing water supply facilities do not have adequate capacity to yield 600

at 20 PSI residual pressure, any required improvements to existing facilities shall be made at the developer's expense.

- iii. New water mains providing service to the property which provides fire protection shall not be less than six inches in diameter, including fire hydrant branch connections.
- iv. New water mains of larger sizes may be required if recommended by the local water authority to achieve the required fire flow.
- v. Efforts should be made to arrange water mains so that the distance between intersecting mains does not exceed 1,500 feet.

B. Fire Hydrant Installation

- i. Fire hydrant spacing shall not be greater than 500 feet apart.
- ii. Fire hydrants must be located at least 25 feet from the exterior wall of any masonry building and at least 50 feet from any exterior wall of frame or equivalent construction, including brick or stone veneer.

IV. Additional Requirements

In addition to the requirements set out in Sections II and III above, the following shall apply to all residential uses, including mobile home parks, commercial uses, industrial uses and recreational uses.

A. Fire Hydrant Type

- i. Fire hydrants shall meet the specifications of the local water authority and shall be installed in conformity with the requirements of the serving utility.
- ii. Plan approval by the City-County Planning Commission and the serving utility shall be obtained prior to the issuance of a building permit.

V. Waiver (For Single-Family and Agricultural Property Only)

A waiver from the standards of this ordinance may be granted by action of the Warren County

Judge Executive, after approval and recommendation by City-County Planning Commission Executive Director upon completion of application only if all of the following criteria are met;

- A. The waiver is being requested for one (1) lot which will be restricted to only single family residential or agricultural use, AND
- B. The Warren County Fire Department Coordinator and the Fire Chief, for the applicable fire district, and local water authority have reviewed the request for a waiver of the ordinance and have made a recommendation for approval based upon the availability of fire protection equipment which will replace, in whole or in part, the fire fighting capacity of fire hydrants.

AND
- C. The minimum fire flow of 250 GPM with 20 PSI residual pressure is not available at the location for which the waiver is requested.

VI. Alternative Fire Protection Plan


- A. In cases where the minimum fire flow, as set out in Sections II and III above, is not feasible AND a waiver cannot be granted for the site, an application can be made to the Warren Fiscal Court for an "Alternative Fire Protection Plan". Such plan shall be prepared and stamped by a professional engineer and shall follow the standards specified in NFPA 1142 (Standards on Water Supplies for Suburban and Rural Fire Fighting) for alternative water sources to provide substantially equal to the water supply and fire protection systems outlined in Sections II and III of this ordinance.
- B. Any Alternative Fire Protection Plan must be reviewed and recommended by the Warren County Fire Department Coordinator, the Fire Chief of the applicable fire district, and the Planning Commission Engineer before consideration for action by Warren County Judge Executive.

VII. City-County Planning Commission Responsibilities

The City-Council, Planning Commission shall require all subdivisions in the County of Warren to comply with the fire hydrant and water supply requirements set out in this ordinance. In discharging its obligations imposed by the provisions of this ordinance, the City-County Planning Commission may rely upon the certification made on subdivision plats which attest to compliance with this ordinance.


This ordinance is adopted pursuant to KRS 67.077 in that it was published in summary form on the 17th day of July, 2002, and was introduced and read on the 12th day of July, 2002, and given final reading on the 26th day of July, 2002, at which time said Ordinance will be in full force and effect upon signature, recordation and publication pursuant to KRS 67.077 Subsection 3.

APPROVED this the 26th day of July, 2002.


MICHAEL O. BUCHANON
WARREN COUNTY JUDGE EXECUTIVE

TESTED:


WARREN FISCAL COURT CLERK


WARREN COUNTY COURT CLERK

Passed by a vote of 1 to 0.

Prepared by:

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