

ORDINANCE NO. 110

AN ORDINANCE REPEALING ORDINANCE NUMBER 103 AND ENACTING IN LIEU THEREOF A NEW ORDINANCE PRESCRIBING MINIMUM REQUIREMENTS AND CONTROLS TO SAFEGUARD LIFE, PROPERTY OR PUBLIC WELFARE FROM THE HAZARDS OF FIRE AND EXPLOSION: KNOWN AS THE FIRE PREVENTION CODE: PROVIDING FOR THE ISSUANCE OF PERMITS, COLLECTION OF FEES, MAKING OF INSPECTIONS, PROVIDING PENALTIES FOR THE VIOLATIONS THEREOF:

BE IT ORDAINED BY THE BOARD OF DIRECTORS OF THE MEHLVILLE FIRE PROTECTION DISTRICT OF ST. LOUIS COUNTY, MISSOURI AS FOLLOWS:

SECTION 1. INCONSISTENT ORDINANCES REPEALED.

Ordinance number 103 of the Mehlville Fire Protection District of St. Louis County, Missouri, and all other Ordinances or parts of Ordinances in conflict herewith are hereby repealed.

SECTION 2. ADOPTION OF FIRE PREVENTION CODE.

That a certain document, three (3) copies of which are on file in the office of the Code Official of the Mehlville Fire Protection District of St. Louis County, Missouri, being marked and designated as “*ICC*”, *International Fire Code*”, 2003 Edition as published by the International Code Council, Inc., together with the standards which are referenced in Chapter 45 (pp. 361 – 367), Appendix B (pp.371 – 372), and Appendix D (pp. 375 – 377), be and is hereby adopted as the Fire Code of the Mehlville Fire Protection District of St. Louis County, Missouri, for the control of buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions, and terms of the “*ICC*”, *International Fire Code*”, 2003 Edition, are hereby referred to, adopted and made a part hereof, as if more fully set out in this Ordinance, with the additions, insertions, deletions and changes prescribed in Section 4 of this Ordinance.

SECTION 3. JURISDICTIONAL TITLES.

100.1 Wherever (name of jurisdiction) appears in such Code, it shall read the Mehlville Fire Protection District of St. Louis County, Missouri.

100.2 "Code Official" wherever it may appear is defined as the Fire Marshal and/or Chief Fire Inspector of the Mehlville Fire Protection District of St. Louis County, Missouri, or his duly authorized representative.

SECTION 4. AMENDMENTS TO THE @ICC⁷ INTERNATIONAL FIRE CODE", 2003 EDITION.

CHAPTER 1

SECTION 102.3 (page 1) delete existing text. Insert:

102.3 Change of use or occupancy. Buildings undergoing a change of occupancy shall comply with either Chapters 1 through 33 or Chapter 34 of the *International Building Code*.

SECTION 102.4 (page 1) delete existing text. Insert:

102.4 Application of building code. The design and construction of new structures, repairs, alterations and additions to existing structures shall comply with the *International Building Code*.

SECTION 102.5 (page 1) delete existing text. Insert:

102.5 Historic buildings. The construction, alteration, repair, enlargement, restoration, relocation or movement of existing buildings or structures that are designated as historic buildings when such buildings or structures do not constitute a distinct hazard to life or property, shall be in accordance with Section 3407 of the *International Building Code*.

SECTION 104.12 (page 3) add a new Section. Insert:

104.12 Rule-making authority: The code official shall have authority as necessary in the interest of public health, safety and general welfare, to adopt and promulgate rules and regulations to interpret and implement the provisions of this code to secure the intent thereof and to designate requirements applicable because of local climatic or other conditions. Such rules shall not have the effect of waiving structural or fire performance requirements specifically provided for in this code or of violating accepted engineering practice involving public safety.

Section 105.3.3 (page 4) delete existing text. Insert:

105.3.3 Occupancy prohibited before approval: Except as specifically provided for temporary occupancy in the building code listed in Chapter 45, a building, structure or portion thereof, shall not be used or occupied in whole or in part until all fire protection devices and equipment protecting the building, structure or portion to be occupied, have been tested and approved by the code official charged with enforcing this code. All portions of the means of egress for the building, structure or portion to be occupied shall be unobstructed and available for immediate use.

Section 105.6.48 (page 9) add a new section. Insert:

105.6.48 Helicopter hoisting and lowering operations: Approval is required for helicopter hoisting and lowering operations in accordance with the following.

The helicopter service or the contractor in charge of a helicopter hoisting or lowering operations shall demonstrate financial responsibility of liability for damages arising from the hoisting or lowering operation by providing the code official with proof of insurance or other appropriate financial responsibility. Forty-eight hours notice shall be provided before the hoisting or lowering operation is to begin. Notification shall be made to other jurisdictional agencies as may be required.

Section 105.6.48.1 (page 9) add a new section. Insert:

105.6.48.1 Safety precautions: During all helicopter lifting or lowering operations, the following safety precautions shall be followed:

1. The fire and police departments shall approve landing sites, if landings are necessary.
2. All materials or equipment to be lifted shall be brought as close as possible to the building or structure site by road vehicles.
3. The helicopter shall not carry equipment or materials lifted to or lowered from a building or structure over pedestrians, spectators, other buildings or vehicles.
4. When the operation involves setting or removing equipment or materials from or on an occupied building, the top 2 floors of the building shall not be occupied by anyone, other than individuals directly involved with the operation while the hoisting or lifting operation is in progress.
5. All flammable or combustible liquids brought to the site for refueling helicopters shall be stored, used and dispensed in accordance with Chapters 11 and 34 of this code.
6. A fire department safety officer, of fire department safety team, must be present on the sited during all helicopter lifting or lowering operations. The safety officer, or safety team, shall terminate the lift if weather conditions or other variables make the operation unsafe. The safety officer, or safety team, shall be provided radio communications with the helicopter pilot in the event safety conditions mandate evasive action.

SECTION 108.1 through 108.3 (page 11) delete in its entirety. Insert:

108.1 Appeals: An owner, lessee, agent, operator or occupant aggrieved by an order pursuant to this order, may file an appeal to the Board of Directors within ten (10) days from the service of any order, and the Board of Directors shall fix a time and place not less than five (5) days or more than ten (10) days thereafter when and where such an appeal may be heard by it. Such appeal shall stay the execution of such order until it has been heard and reviewed, vacated or confirmed by the Board. In computing the number of days, Saturdays, Sundays and legal holidays shall be excluded.

The Board of Directors shall, at such hearings, affirm, modify, revoke or vacate such order. In conducting and holding the hearing, the Board of Directors shall follow the procedures set forth in §536 RSMo. for "contested" matters. Unless revoked or vacated, such order shall then be complied with.

Nothing herein contained shall be deemed to deny the right of any person, firm, corporation, co-partnership or voluntary association to appeal from an order of a decision of the Board of Directors to a court of competent jurisdiction. Appeals from final decisions of the Board shall be to the appropriate Circuit Court, pursuant to provisions of §536.100 RSMo. Such appeals shall stay the execution of such order until it has been heard and reviewed, vacated or confirmed by the Court.

SECTION 109.3 (page 12) delete in its entirety. Insert:

109.3 Violation, penalties: Any person, firm or corporation who shall violate any provision of this Ordinance, or who shall fail to comply with any of the requirements thereof, or who shall erect, construct, alter or repair a structure in violation of an approved plan or directive of the Code Official, or of a permit or certificate issued under the provisions of this Ordinance, or shall start any work requiring a permit without first obtaining a permit therefor, or who shall continue any work in or about a structure after having been served a stop-work order, except for such work which that person, firm or corporation has been directed to perform to remove a violation or unsafe condition, or any owner or tenant of a building, or premises or any other person who commits, takes part or assists in any violation of this Code or who maintains any building or premises in which such may cause to be instituted in the name of the District, a civil action for injunction or other appropriate relief to secure a compliance with the provisions of this Code. Injunctive or other appropriate relief shall not be denied on the grounds that an adequate remedy at law exists through the imposition of criminal sanctions.

SECTION 109.4 (page 12) add a new section. Insert:

109.4 Unlawful continuance: Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe conditions, shall be liable to penalties as specified in Section 109.3 of this Ordinance.

Section 109.5 (page 12) add a new section. Insert:

109.5 Civil action: Notwithstanding the provisions hereof, the Code Official, with the approval of the Board Directors, may cause to be instituted in the name of the District, a civil action for injunction or other appropriate relief to secure a compliance with the provisions of this Code. Injunctive or other appropriate relief shall not be denied on the grounds that an adequate remedy at law exists through the imposition of criminal sanctions.

CHAPTER 5

Section 508.5.5 (page 41) delete in its entirety. Insert:

508.5.5 Clear space around hydrants. There shall be no obstructions, planting, bushes, trees, signs, light standards, etc., within six (6) feet of any fire hydrant in all directions.

Section 508.5.5.1 (page 41) add a new section. Insert:

508.5.5.1 No parking area: When fire department connections are located in an area where vehicles may be parked or standing, said parking or standing shall be restricted for ten (10) feet in each direction from the fire department connection.

Section 508.5.7 (page 41) add a new section. Insert:

508.5.7 Color coding of public fire hydrants: All public fire hydrant barrels are to be painted yellow. All fire hydrant bonnets are to be painted as follows:

COLOR	WATER MAIN SIZE
Green	Twelve (12) inch and larger
Orange	Eight (8) and ten (10) inch
Red	Six (6) inch and smaller

Section 508.5.8 (page 41) add a new section as follows. Insert:

508.5.8 Color coding of private fire hydrants: All private fire hydrants shall be painted yellow, including the bonnet.

CHAPTER 6

Section 607.4 (page 50) add a new section as follows. Insert:

607.4 Elevator emergency operations testing: All elevators that are equipped with emergency elevator operations in accordance with Rule 211.3 of ASME A17.1 listed in Chapter 45, shall be tested at least once each year in all phases of emergency functions. An approved elevator service company shall conduct tests.

CHAPTER 9

Section 901.6.2 (page 61) delete in its entirety. Insert:

901.6.2 Records. Records of all system inspections, tests and maintenance required by the referenced standards shall be maintained on the premises for a minimum of 3 years or for the required testing frequency if greater than 3 years and shall be made available to the code official upon request. Accurate logs shall be maintained indicating the number, location and type of device tested. Any defect, modification or repair shall be logged.

Section 904.11.7 (page 72) add a new section. Insert:

904.11.7 Safety requirements. Where persons will be exposed to an alternative automatic fire-extinguishing system discharge, warning signs and discharge alarms shall be provided.

Section 904.11.8 (page 72) add a new section. Insert:

904.11.8 Acceptance tests. All alternative automatic fire-extinguishing systems shall be tested in accordance with this section. A completed system shall be tested by a discharge of expellant gas through the piping and nozzles. Observations for gas leakage and for continuity of piping with free unobstructed flow shall be made. Observations shall be made of the flow of expellant gas through all nozzles. The identification of devices with proper designations and instructions shall be checked. All dry-chemical and wet-chemical extinguishing systems shall also be tested by a discharge of the extinguishing agent. Discharge quantities shall be in accordance with the manufacturer's installation information. After testing, all piping and nozzles shall be blown clean using compressed air or nitrogen, and the system shall be properly charged and placed in the normal "set" condition.

Section 909.21.1 (page 91) delete in its entirety. Insert:

909.21.1 Schedule. Dedicated smoke-control systems shall be inspected and operated at 6-month intervals. Non-dedicated smoke-control systems shall be inspected and operated at 12-month intervals. Persons who are thoroughly knowledgeable in the operation, testing and maintenance of the systems must conduct the periodic tests of both dedicated and non-dedicated systems. Tests shall include the operation of all initiating devices, fans, dampers, controls, doors and windows. Systems being tested shall be operated in each control sequence to determine that the installed systems continue to operate in accordance with the approved design, and to observe the operation of the correct outputs for each given input through measured airflow quantities and pressure differentials. If the systems have stand-by power, the tests shall also be conducted on the stand-by power system.

Stairway pressurization systems that supply air to interior exit stairways to provide a positive pressure in stairways shall be tested at least once a year. Stairways shall be pressurized to a minimum of 0.15 inches of water column and a maximum of 0.35 inches of water column in the stairway relative to the pressure in the building with all stairway doors closed under the maximum anticipated stack pressure.

TABLE 910.3 (page 190) delete in its entirety. Insert:

**TABLE 910.3
REQUIREMENTS FOR CURTAIN BOARDS AND SMOKE VENTING^a**

COMMODITY CLASSIFICATION	DESIGNATED STORAGE HEIGHT (feet)	MINIMUM CURTAIN DEPTH (feet)	MAXIMUM AREA FORMED BY CURTAIN BOARDS (square feet)	VENT AREA TO FLOOR AREA RATIO	MAXIMUM SPACING OF VENT CENTERS (feet)	MAXIMUM DISTANCE TO VENTS FROM WALL OR CURTAIN BOARDS ^b (feet)
Group F-1 and S-1	----	0.2 x H but = 4	50,000	1:100	120	60
I-IV (Option 1)	= 20	6	10,000	1:100	100	60
	>20 ≤40	6	8,000	1:75	100	55
I-IV (Option 2)	= 20	4	3,000	1:75	100	55
	>20 ≤40	4	3,000	1:50	100	50
High hazard (Option 1)	= 20	6	6,000	1:50	100	50
	>20 ≤30	6	6,000	1:40	90	45
High hazard (Option 2)	= 20	4	4,000	1:50	100	50
	>20 ≤30	4	2,000	1:30	75	40

For SI: 1 foot = 304.8 mm, 1 square foot = 0.0929 m²

- a. Requirements for rack storage heights in excess of those indicated shall be in accordance with Chapter 23 of the *International Fire Code*. For solid-piled storage heights in excess of those indicated, an approved engineered design shall be used.
- b. The distance specified is the maximum distance from any vent in a particular draft curtained area to walls or draft curtains which form the perimeter of the draft curtained area.

CHAPTER 10

Section 1008.1.8.7 (page 107) modify as follows. Insert:

Delete Exception #3 in its entirety.

Section 1009.3 (page 108) modify as follows. Insert:

Delete Exception #6 in its entirety.

Section 1013.2 (page 113) delete in its entirety. Insert:

1013.2 Egress through intervening spaces. Egress from a room or space shall not pass through adjoining or intervening rooms or areas, except where such adjoining rooms or areas are accessory to the area served; are not a high-hazard occupancy; and provide a demarcated minimum 44-inch wide aisle to an exit. A maximum of one exit access shall be permitted to pass through a kitchen, storeroom, restroom, closet or similar space provided that passage through such space is not the only means of access to an exit. An exit access shall not pass through a room subject to locking. Means of egress from dwelling units, or sleeping areas shall not lead through other sleeping areas, toilet rooms or bathrooms. Means of egress are not prohibited through adjoining or intervening rooms or spaces in a Group H occupancy when the adjoining or intervening rooms or spaces are the same or lesser hazard occupancy group.

Section 1026.22 (page 133) add a new section as follows. Insert:

1026.22 Firefighter assist plans: An approved pictographic display (sign, drawing or wall marking) shall be posted within all enclosed stairways at each floor landing in all new and existing high-rise buildings. Individual displays, or signs shall show the floor level number where the graphic is displayed, the configuration of exit access corridors including all door openings, exit stairways, elevators, exterior building walls, fire alarm pull stations, fire hoses and sprinkler valves. The sign shall be located 5 feet (1524 mm) above the floor landing in a position that is readily visible when the doors are in the open or closed positions.

Section 1026.6 (page 133) add a new section as follows. Insert:

1026.6 Maintenance: The means of egress from each part of the structure, including exits, stairways, egress doors and any panic hardware installed thereon, aisles, corridors, passageways and similar elements of the means of egress, shall at all times be maintained in a safe condition and available for immediate utilization and free of all obstructions. Security devices affecting the means of egress shall be approved.

CHAPTER 22

Section 2204.3.8 (page 186) add a new section. Insert:

2204.3.8 Fire suppression system: The dispensing area (pump islands, canopy and adjacent ground area) shall be provided with an approved automatic fire suppression system.

CHAPTER 27

Section 2703.5.2 (page 234) add a new section as follows: Insert:

2703.5.2 Hazard signals required: Any occupancy required by this code and/or state law to provide material safety data sheets, shall provide visible markings on the outside of buildings, rooms and containers where hazardous substances are present. These markings shall be in a location approved by the code official. These markings shall conform to the NFPA 704 marking system or with other federal laws or regulations, or in the case of containers, may as an option comply with Safety and Health Administration Hazard Communication Rule, 29 CFR 1910.1200(f). To avoid duplication of markings, marking requirements of the United States Department of Transportation shall satisfy the requirements in regard to motor vehicles, rolling stock and aircraft.

Section 2703.5.3 (page 234) add a new section as follows:

2703.5.3 Main entrance: Where required by Section 2703.5, all buildings shall have a placard located on the main entry door a minimum of 18" from the bottom edge of the door. This placard shall have a minimum dimension of 5". This placard is not required to be lettered or numbered.

Section 2703.5.4 (page 234) add a new section as follows:

2703.5.4 Other doors: All other doors shall have a placard with a minimum dimension of 10" located in an approved location that identifies the worst hazard category of the product(s) in that area. This placard shall be provided with numerals in accordance with Section 2703.5.5.

Section 2703.5.5 (page 234) add a new section as follows:

2703.5.5 Signal size: The exterior markings of buildings or site entrances where materials are stored shall have a minimum signal size of 4". All numbers/letters shall be reflective.

CHAPTER 45 (pages 361 – 367)

ICC – International Existing Building Code-2003 – delete in its entirety. (page 364)

APPENDIX D

Figure D103.1 (page 375) delete the following pictures:

70' Diameter Cul-De-Sac and 60' Hammerhead

Section D103.5 (pages 375 & 376) delete in its entirety. Insert:

D103.5 Fire apparatus access road gates. Gates securing the fire apparatus access roads shall comply with all of the following criteria:

1. The minimum gate width shall be 20 feet (6096 mm).
2. Gates shall be of the swinging or sliding type.
3. Construction of gates shall be of materials that allow manual operation by one person.
4. Gate components shall be maintained in an operative condition at all times and replaced or repaired when defective.
5. Electric gates shall be equipped with a means of opening the gate by fire department personnel for emergency access. Emergency opening devices shall be approved by the fire code official.
6. Manual opening gates shall not be locked with a padlock or chain and padlock unless they are capable of being opened by means of a Fire Department Master Key - Knox Box system..
7. Locking device specifications shall be submitted for approval by the fire code official.

Section D107.1 (pages 376 – 377) delete in its entirety. Insert:

D107.1 One -and two-family dwelling residential developments. Developments of one-or two-family dwellings where the number of dwelling units exceeds 100 [**original bill read 30**] shall be provided with separate and approved fire apparatus access roads, and shall meet the requirements of Section D104.3.

Exceptions:

1. Where there are more than 100 dwelling units on a single public or private fire apparatus access road and all dwelling units are equipped throughout with approved automatic residential sprinkler systems in accordance with Section 903.3.1.1 or 903.3.1.3 of the International Fire Code, access from two directions shall not be required.
2. The number of dwelling units on a single fire apparatus access road shall not be increased unless fire apparatus access roads will connect with future development, as determined by the code official.
3. The code official shall be permitted to increase the number of dwelling units allowed with a single fire apparatus access road when topography or other approved reasons do not permit an additional access road to be provided.

SECTION 5. SAVINGS CLAUSE.

That nothing in this Ordinance or in the Fire Code hereby adopted shall be construed to affect any suit or proceeding pending in any Court, or any rights acquired or liability incurred, or any cause or causes of action acquired or existing under any act or Ordinance hereby repealed, as cited in Section 1; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this Ordinance.

SECTION 6. VALIDITY.

If any Section, subsection, provision, sentence, clause or phrase of this Ordinance or of the *IFCC⁷ International Fire Code*, 2003 Edition, is, for any reason, held to be unconstitutional or invalid, such decision shall not affect the validity of the remaining portions of this Ordinance or of said Code, and the Mehlville Fire Protection District of St. Louis County, Missouri, hereby declares that it would have passed the same, even though such portions so held to unconstitutional had not been included therein.

SECTION 7. VIOLATION, PENALTIES.

Any person, firm or corporation who shall violate any provision of this Ordinance, or who shall fail to comply with any of the requirements thereof, or who shall fail to comply with any order issued pursuant to any Section thereof, shall be guilty of a Class A misdemeanor pursuant to ' 321.600(12) and ' 557.021 R.S.Mo. and punishable as provided by law. Each day that a violation exists or continues to exist shall be deemed a separate offense.

SECTION 8. EFFECTIVE DATE.

This Ordinance Number 110 having been duly considered and voted upon by the Board of Directors of the Mehlville Fire Protection District of St. Louis County, Missouri, was duly enacted as an Ordinance of said Fire Protection District on the 14th day of June, 2004. The effective date of the Ordinance shall be at 12:01 a.m. on the 1st day of September, 2004.

Thomas P. O'Driscoll

Thomas P. O'Driscoll
Chairman and Director

SEAL

Dave Gralike

Dave Gralike
Secretary and Director

Daniel C. Ottoline, Sr.

Daniel C. Ottoline, Sr.
Director