

ORDINANCE NO. 119

AN ORDINANCE REPEALING ORDINANCE NUMBER 108, THE PRESENT BUILDING CODE OF THE DISTRICT, AND ENACTING IN LIEU THEREOF A NEW ORDINANCE GOVERNING THE DESIGN, CONSTRUCTION, ALTERATION, ENLARGEMENT, EQUIPMENT REPAIR, DEMOLITION, REMOVAL, CONVERSION, USE OR MAINTENANCE OF ALL BUILDINGS AND STRUCTURES; AND FURTHER PROVIDING FOR THE ISSUE IN SAID PERMITS, COLLECTION OF FEES, MAKING OF INSPECTIONS, AND PROVIDING PENALTIES FOR THE VIOLATION 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 INCONSISTENT ORDINANCES REPEALED.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 108 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District of St. Louis County, Missouri, and all other Ordinances or parts of Ordinances in conflict herewith are hereby repealed.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 BUILDING CODE.

That a certain document, one (1) copy 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 Building Code, 2009 Edition*” as published by the International Code Council, Inc., together with the standards which are referenced in Chapter 35 (pp. 587 – 606) be and is hereby adopted as the Building 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 Building Code, 2009 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. The “*ICC*”, *International Building Code, 2009 Edition*” may be viewed at <http://publicecodes.citation.com/icod/IC-P-2009-000019.htm> or purchased from the International Code Council, 500 New Jersey Avenue, NW, 6th Floor, Washington, DC 20001 or by calling 800.786.4452.

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.

CHAPTER 1

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

104.12 Matters not provided for: Any requirements that are essential for the structural, fire or sanitary safety of an existing or proposed building or structure, or for the safety of the occupants thereof, which are not specifically provided for by this code, shall be determined by the code official.

SECTION 104.13 (page 3) add a new Section. Insert:

104.13 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 105.2 (page 3) delete in its entirety, Insert:

105.2 Work exempt from permit: Exemptions from permit requirements of this code shall not be deemed to grant authority for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

Building

1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses provided the floor area does not exceed 120 square feet.
2. Temporary motion picture, television and theater stage sets and scenery.
3. Window awnings supported by an exterior wall which do not project more than 54 inches from the exterior wall and do not require additional support of Group R-3, as applicable in Section 101.2 , and Group U occupancies.
4. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height.
5. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.

Gas

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical

1. Portable heating appliance.
2. Portable ventilation equipment.
3. Portable cooling unit.
4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any part which does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds or less of refrigerant and actuated by motors of 1 horsepower or less.

SECTION 107.1 (page 5) delete in its entirety. Insert:

107.1 Submittal documents: The construction documents for new construction, alteration, repairs, expansion, addition or modification for buildings or structures shall be prepared by a registered design professional. All construction documents shall be prepared by the appropriate registered design professional consistent with the professional registration laws of the State of Missouri. The construction documents shall include the name and address of the registered design professional and shall be signed, sealed and dated by the registered design professional in accordance with Section 107.1.1.

Exception:

1. The nature of the work applied for is such that review of construction documents is not necessary to obtain compliance with this code.

SECTION 107.1.1 (page 5) add a new section. Insert:

107.1.1 Application of seals: When construction documents are submitted, the application of seals and signatures on those documents shall be required as follows:

- a. All construction documents submitted with an application for a building permit shall bear an original embossed or wet ink seal and original signature on the front sheet of each discipline within each set of construction documents; or
- b. The registered design professional for each discipline shall place his original seal and signature upon the cover sheet of each set of construction documents.

All other sheets of the construction documents, other than specifications or calculations, shall bear the original embossed, wet ink or mechanically reproduced seal of the registered design professional. Any addenda or modifications submitted for changes to the construction documents shall also bear an original seal and signature by the registered design professional. Such changes shall be clearly indicated.

SECTION 109.2 (page 6 – 7) delete in its entirety. Insert:

109.2 Schedule of permit fees: The permit fee for all work done in the Mehlville Fire Protection District shall be as shown in Table 109.2. The base amount shown is the plan review fee and is not subject to refunds in accordance with Section 109.6.

TABLE 109.2 (page 6) add a new Table. Insert:

Permit Type		Permit Fee
0001	New Residence	\$50 + \$1.50/1000
0002	Residential Addition	\$50 + \$1.50/1000
0003	Detached Res. Garage	\$50 + \$1.50/1000
0004	Fire Damage Repair	\$50 + \$1.50/1000
0005	Fireplace	\$50 + \$1.50/1000
0006	Wood Stove	\$50 + \$1.50/1000
0007	Residential Remodel	\$50 + \$1.50/1000
0010	Condo Building	\$100 + \$3/1000
0011	Condo Shell	\$100 + \$3/1000
0012	Condo Interior Finish	\$100 + \$3/1000
0014	Condo Fire Damage Repair	\$100 + \$3/1000
0015	Condo Miscellaneous	\$100 + \$3/1000
0020	Apartment Building	\$100 + \$3/1000
0021	Apartment Shell	\$100 + \$3/1000
0022	Apartment Interior Finish	\$100 + \$3/1000
0024	Apartment Fire Damage	\$100 + \$3/1000
0025	Apartment Miscellaneous	\$100 + \$3/1000
0030	Commercial Building	\$100 + \$3/1000
0031	Commercial Shell	\$100 + \$3/1000
0032	Commercial Interior Finish	\$100 + \$3/1000
0034	Commercial Fire Damage	\$100 + \$3/1000

0035	Commercial Addition	\$100 + \$3/1000
0036	Commercial Remodel	\$100 + \$3/1000
0037	Sprinkler System	\$100 + \$3/1000
0038	UG Fire Main	\$100 + \$3/1000
0039	Fire Alarm System	\$100 + \$3/1000
0040	Range Hood Suppression System	\$100 + \$3/1000
0041	Underground Fuel Tank(s)	\$100 + \$3/1000
0042	LP Tank(s)	\$100 + \$3/1000
0043	Remove UG Fuel Tank(s)	\$100 + \$3/1000
0044	Repair UG Fuel Line(s)	\$100 + \$3/1000
0045	Above-ground Fuel Tank	\$100 + \$3/1000
0046	UG Fuel Line Modification	\$100 + \$3/1000
0047	Fire Suppression System	\$100 + \$3/1000
0050	Miscellaneous	\$100 + \$3/1000
0051	Miscellaneous - Residential	\$50 + \$1.50/1000
0060	Flood Damage Repair	\$0
0098	Void - Residential	\$50
0099	Void - Other	\$100
240	Fireworks	\$150
300	Reoccupancy	\$100
310	Mall Function	\$100
320	Special Use Permit	\$100
330	Residential TOP	\$50
335	Residential TOP extension	\$25/month
340	Commercial TOP	\$100
345	Commercial TOP extension	\$50/month
	Start of construction without permit	Up to \$500
	Reinspection fee	\$50
	Burn Permit - Air Curtain	\$100
	New Site Plan Review	\$100
	Variance filing fee	\$100
	Demolition permit	\$25 + \$0.10 per 100 sq. ft.

SECTION 110.3.1 (page 7) delete in its entirety. Insert:

110.3.1 Inspections required and inspection placard: When work has progressed to a point of having windows, or when the job is an alteration or addition, the placard shall be attached to the available glass in view for recording the balance of inspections required by the Building Code. (Failure to maintain this inspection and identification board will not relieve the permittee of responsibility as provided by the Building Code) Upon satisfactory completion of the building structure, the Code Official or his authorized representative will make his final inspection, and if all requirements of the Building Code are met, including compliance with the mechanical, and electrical codes of Mehlville Fire Protection District, he will remove the job inspection card.

SECTION 110.3.2 (page 7) delete in its entirety. Insert:

110.3.2 Inspection sequence and approval: No work shall be done on any part of the building or structure beyond the point indicated in each successive inspection without first obtaining the written approval of the Code Official or his authorized representative. Written approval shall be given only after an inspection has been made of each successive step in the construction and all code requirements or corrections are completed as indicated by each of the inspections required. There shall be a final inspection and approval of all buildings to be completed before occupancy as described in Section 111 of the Building Code. Failure to obtain a final inspection before occupancy will constitute a violation of the Building Code, subject to the penalties as described in Section 114.4. Structural framework of any part of a building or structure shall not be covered or concealed in any manner without first obtaining the approval of the Code Official. The Code Official, upon notification from the permit holder or his agent, in accordance with rules of procedure posted in the office of the Code Official, and described on the permit placard, shall make the following inspections and shall either approve that section or portion of the construction as completed, or shall notify the permit holder or his agent that he has failed to comply with the law. Minimum number of inspections required are as contained in Sections 110.3.2.1 and 110.3.2.2.

SECTION 110.3.2.1 (page 7) add a new Section. Insert:

110.3.2.1 Framing or rough-in inspection: A framing or rough-in inspection shall be made after all framing, masonry walls, or fireplace vents and chimneys are completed, including the roof structure, fire blocking, wall bracing, sheathing, heating and cooling duct work, or other appurtenances and accessories which may be concealed, and after plumbing, electrical, and fire rough-in inspections have been posted by those inspection departments. No mechanical, electrical or plumbing systems which are to be concealed shall be covered before this inspection has been made and approved by the Code Official.

SECTION 110.3.2.2 (page 7) add a new Section. Insert:

110.3.2.2 Supplemental inspections: In addition to the required inspections hereinbefore specified, the Code Official may make other inspections which in his judgment are reasonably necessary due to unusual construction or circumstances. The Code Official shall have the authority to inspect any construction work to verify compliance with the Building Code and to properly enforce the rules promulgated by this Code.

SECTION 110.3.3 (page 7) delete in its entirety.

SECTION 110.3.4 (page 7) delete in its entirety.

SECTION 110.3.5 (page 7) delete in its entirety.

SECTION 110.3.7 (page 7) delete in its entirety.

SECTION 111.4 (page 8) delete in its entirety. Insert:

111.4 Revocation: The certificate of Use and Occupancy shall always be subject to this Code. Non-compliance with the regulations of this Code shall be deemed a violation subject to the penalties set forth herein, and in addition the Code Official shall be empowered to revoke the occupancy permit, or permits, issued for the building in question, until such time as the violations are corrected. All costs involved in this procedure shall be addressed against the owner. The issuance of any occupancy permit shall not relieve the owner or tenant from compliance with all regulations of this Code and other applicable regulations.

SECTION 111.5 (page 8) add a new Section. Insert:

111.5 Certificate required: Failure of the owner or tenant of a building to obtain the certificate of occupancy and to pay the fees set forth shall be deemed a violation and shall subject said owner or tenant to the penalties prescribed in Section 113.4.

SECTION 111.5.1 (page 8) add a new Section. Insert:

111.5.1 Fee required: The fee for a Certificate of Occupancy shall be as stated in Table 109.2.

SECTION 113.1 through 113.3 (page 8) delete in its entirety. Insert:

113.1 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 the 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 114.4 (page 8) delete in its entirety. Insert:

114.4 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 114.5 (page 8) add a new section. Insert:

114.5 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 114.4 of this Ordinance.

Section 114.6 (page 8) add a new section. Insert:

114.6 Civil action: Notwithstanding the provisions hereof, the Code Official, with the approval of the Board of 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 3 (pages 23 – 36)

SECTION 308.3 (page 33). Delete in its entirety. Insert:

308.3 Group I-2. This occupancy shall include buildings and structures used for medical, surgical, psychiatric, nursing or custodial care for persons who are not capable of self-preservation. This group shall include, but not be limited to, the following:

- Child care facilities
- Detoxification facilities
- Hospitals
- Mental hospitals
- Nursing homes

A family day care home shall be classified as Group R-3 or shall comply with the *International Residential Code* in accordance with Section 101.2.

SECTION 308.3.1 (page 33 – 34) add a new definition. Insert:

Family day care home. A child care facility within a family home occupied as a permanent residence by the day care provider, in which family-like care is given for more than four (4) children, but not more than ten (10) children, not related to the day care provider, for any part of the twenty-four (24) hour day.

CHAPTER 5 (pages 79 – 88)

SECTION 501.2.1 (page 79) add a new section. Insert:

501.2.1 Address identification – remote exits. Address identification shall be provided at all remote exit doors in all occupancies.

Exception: Detached structures constructed in accordance with the *International Residential Code*.

CHAPTER 9 (pages 181 – 215)

SECTION 903.2.4 (page 185) delete in its entirety. Insert:

903.2.4 Group F-1. An automatic sprinkler system shall be provided throughout all buildings containing a Group F-1 occupancy where one of the following conditions exists:

1. Where a Group F-1 fire area exceeds 12,000 square feet (1115 m²);
2. Where a Group F-1 fire area is located more than three stories above grade plane; or
3. Where the combined area of all Group F-1 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m²). ; or
4. Where a Group F-1 occupancy is used for the manufacture of upholstered furniture or mattresses exceeds 2,500 square feet (232 m²).

SECTION 903.2.7 (page 80) delete in its entirety. Insert:

903.2.7 Group M. An automatic sprinkler system shall be provided throughout all buildings containing a Group M occupancy where one of the following conditions exists:

1. Where a Group M fire area exceeds 12,000 square feet (1115 m²).
2. Where a Group M fire area is located more than three stories above grade plane.
3. Where the combined area of all Group M fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m²).
4. Where a Group M occupancy that is used for the display and sale of upholstered furniture or mattresses exceeds 5,000 square feet (464 m²).

SECTION 903.2.9 (page 80) delete in its entirety. Insert:

903.2.9 Group S-1. An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. Where a Group S-1 fire area exceeds 12,000 square feet (1115 m²).
2. Where a Group S-1 fire area is located more than three stories above grade plane.
3. Where the combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 24,000 square feet (2230 m²).
4. A Group S-1 fire area used for the storage of commercial trucks or buses where the fire area exceeds 5,000 square feet (464 m²).
5. Where a Group S-1 occupancy is used for the manufacture of upholstered furniture or mattresses exceeds 2,500 square feet (232 m²).

SECTION 903.4.1 (page 188) delete in its entirety. Insert:

903.4.1 Monitoring. Alarm, supervisory and trouble signals shall be distinctly different and shall be monitored in accordance with Section 907.6.5 and shall sound an audible signal at a constantly attended location.

Exceptions:

1. Underground key or hub valves in roadway boxes provided by the municipality or public utility are not required to be monitored.
2. Backflow prevention device test valves located in limited area sprinkler system supply piping shall be locked in the open position. In occupancies required to be equipped with a fire alarm system, the backflow preventer valves shall be electrically supervised by a tamper switch installed in accordance with NFPA 72 and separately annunciated.

SECTION 903.5.1 (page 188) add a new Section. Insert:

903.5.1 Water flow tests: Water flow tests for *automatic sprinkler systems* shall be conducted between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday. Tests shall be within the last twelve (12) months.

SECTION 903.5.1.1 (page 188) add a new Section. Insert:

903.5.1.1 Water flow safety factor: A safety factor shall be applied to all flow tests for *automatic sprinkler systems*. A parallel curve shall be drawn to the actual flow test curve that has been reduced by 20% of the static pressure. An *automatic sprinkler system* design shall not exceed the 20% curve.

SECTION 903.6 (page 188) add a new Section. Insert:

903.6 Post indicator valves: All *automatic sprinkler systems*, except *limited area sprinkler systems*, shall be provided with a post indicator valve that shall control the *water supply* to all *automatic sprinkler systems* in that building.

SECTION 904.11.5 (page 190) add a new Section. Insert:

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

Section 904.11.6 (page 190) add a new section. Insert:

904.11.6 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 907.1.4 (page 195) add a new section. Insert:

907.1.4 Device labeling. The loop and device address shall be placed on each addressable device or module in an approved manner.

Section 907.6.2.1.1 (page 195) delete in its entirety. Insert:

907.6.2.1.1 Average sound pressure. The audible alarm notification appliances shall provide a sound pressure level of 15 decibels (dBA) above the average ambient sound level or 5 dBA above the maximum sound level having a duration of at least 60 seconds, whichever is greater, in every occupiable space within the building.

SECTION 907.5.2.1.1 (page 202) delete in its entirety. Insert:

907.5.2.1.1 Average sound pressure. The audible alarm notification appliances shall provide a sound pressure level of 15 decibels (dBA) above the average ambient sound level or 5 dBA above the maximum sound level having a duration of at least 60 seconds, whichever is greater, in every occupiable space within the building.

SECTION 907.6.5 (page 203) delete in its entirety. Insert:

907.6.5 Monitoring. All *fire alarm systems* shall be monitored by an *approved* central station as defined in NFPA 72. A UL Certificate (UULFX) or FM Placard, in accordance with the NFPA 72 Chapter 8, shall be issued by the UL Listed or FM approved prime contractor for all newly installed required *fire alarm systems*. This regulation shall apply to all new required *fire alarm systems*. An existing required *fire alarm system* wherein the fire alarm control unit or alarm components are to be replaced shall be considered new for the purposes of this section. Central station service in full compliance with NFPA 72 Chapter 8 shall be maintained at the protected property, so long as the requirement for the *fire alarm system* exists.

Exception. Monitoring by an *approved* central station is not required for:

1. Single- and multiple-station smoke alarms required by Section 907.2.11.
2. Smoke detectors in Group I-3 occupancies.
3. *Automatic sprinkler systems* in one- and two-family dwellings.

SECTION 912.3.4 (page 214) add a new Section. Insert:

912.3.4 No parking areas at fire department connections: 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 916.0 (page 215) add a new Section. Insert:

SECTION 916.0 Fire Hydrants

916.1 New Subdivisions: No person shall commence construction of any new building or structure of any kind in any subdivision within the District, unless such person shall have first submitted to the Code Official of the Mehlville Fire Protection District a plot of the aforesaid subdivision, indicating the proposed installation of the fire hydrants within such subdivision, approved by the Code Official.

916.2 New Structures: No person shall commence construction of any new structure, or building, or addition to any structure or building, within or upon any real property within the District, unless such person shall first have submitted to the Code Official of the District a plat or drawing of the property whereon is located such building, structure of addition, which plat or drawing has indicated thereon the nearest existing fire hydrant, and if there is not an existing fire hydrant within such distance as is approved by the Code Official, then also the proposed installation of a new fire hydrant or hydrants, and unless, also, the particular locations proposed for such fire hydrants and the number of fire hydrants to be installed if any, shall be approved by the Code Official.

916.3 Installation of other new fire hydrants: No person shall install or cause to be installed any fire hydrant within the District, unless the location thereof and the design and type of the hydrant, including the threads and outlets thereof, shall first have been approved by the Code Official.

916.4 Use Groups R-3 and R-4: There shall be no more than six (6) *dwelling units* constructed prior to the installation of a public water system with fire hydrants as set forth herein so as to be accessible for Fire District use in the event of a fire emergency.

916.5 Other Use Groups: In all other Use Groups, public water systems with fire hydrants shall be installed with the commencement of construction.

916.6 Fire hydrant placement: Fire hydrants shall be placed within the guidelines of Section 916.6.1 through 916.6.9.

916.6.1 Single family residential: In Use Groups R-3 and R-4, single family residential developments, fire hydrant spacing shall not exceed six hundred (600) feet from hydrant to hydrant, or as special site conditions may dictate. Local conditions may be such that this distance may vary as much as 100 feet in either direction.

916.6.1.1 Water supply required: In Use Groups R-3 and R-4 single family developments, when the density is one (1) dwelling unit per ten thousand (10,000) square feet of developed property or less, and there are five (5) or more dwelling units in a single development.

916.6.2 Multi-family residential: In Use Group R-2, multi-family residential developments, fire hydrant spacing shall not exceed four hundred and fifty (450) feet from hydrant to hydrant, or as special site conditions may dictate. Local conditions may be such that this distance may vary as much as 75 to 100 feet in either direction.

916.6.2.1 Water supply required: In Use Group R-2 multi-family residential developments, when there are four (4) or more dwelling units within one (1) building or structure.

916.6.3 Other use group developments: In all other Use Groups, fire hydrant spacing shall not exceed three hundred (300) feet from hydrant to hydrant, or as special site conditions may dictate. No part of a building shall be more than three hundred (300) feet from a fire hydrant. Local conditions may be such that the distance between fire hydrants or from a building to a fire hydrant may vary as much as 75 to 100 feet in either direction, if otherwise approved by the code official.

916.6.4 Area to be provided with fire hydrants: Fire hydrants and water mains shall be placed along the full length of the property to be developed that abuts an existing and/or proposed improved public way. Variances may be required by the water agency because of water quality considerations.

916.6.5 Fire hydrant spacing: Spacing of fire hydrants along a public way shall be regulated by the Use Group classification of the development that abuts the existing and/or proposed public way.

916.6.6 Private hydrants: Where a development, other than Use Group R-3 or R-4, is greater than one hundred fifty (150) feet from an existing and/or proposed improved public way, measured along the driveable access, additional private fire hydrants shall be required on said developed property, private streets and/or parking lots, at a spacing between fire hydrants as required by the Use Group as set forth in Section 916.6.1 through and including Section 916.6.4.

916.6.7 No parking area at fire hydrants: Where fire hydrants are required to be installed in areas where vehicles would be parked or standing, said vehicle parking or standing shall be restricted for ten (10) feet in each direction from the fire hydrant.

916.6.8 Prohibited locations: A fire hydrant shall not be placed at any location where the fire hydrant could be damaged by vehicular traffic.

916.6.9 Relocation of fire hydrants: Relocation of fire hydrants requested or required by a property owner and/or developer shall be relocated as specified by the water agency's policies and procedures.

916.7 Fire hydrant installation: All fire hydrants shall be installed in accordance with Sections 916.7.1 through 916.7.3.

916.7.1 Fire hydrant set back distance: All fire hydrants shall be set back from the curb or edge of pavement. The set back shall not exceed twelve (12) feet.

916.7.2 Fire hydrant connection height: Fire hydrants shall be installed a minimum of fourteen (14) inches and a maximum of thirty six (36) inches above finished grade, measured from the center of the steamer connection.

916.7.3 Fire hydrant type: All fire hydrants shall be approved by the American Water Works Association (AWWA) and/or Missouri American Water Company.

916.8 Obstructions: There shall be no obstructions, plantings, bushes, trees, signs, light standards, etc., within six (6) feet of any fire hydrant in all directions.

916.9 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

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

916.11 Minimum fire flow - single hydrant: The minimum fire flow from a single fire hydrant in any Use Group shall be fifteen hundred (1500) gallons per minute at twenty (20) psi residual pressure unless the new hydrant is ordered on a pre-existing main.

916.12 Minimum fire flow - next two hydrants: The minimum fire flow from the next two fire hydrants in any Use Group shall be a cumulative fifteen hundred (1500) gallons per minute at twenty (20) psi residual pressure.

Exception: Detached buildings of Use Groups R-3 and R-4.

916.13 Access: The commencement of construction of any such new subdivision, or new building, or structure or addition by any person, within the District, shall be deemed to be the granting of permission by such person for entry upon such property by the Missouri American Water Company, or other water supplier, for the installation of any such aforesaid fire hydrants and the water main leading thereto, and also to the District and to the members of its Staff and to its equipment, for access to such fire hydrant, or hydrants, which may be located upon any such property, for any purpose whatever within the functions of the District, in considerations of issue of building permit.

916.14 Building permits: The Code Official of the District shall not approve, nor issue building permits for, nor permit the construction of any such new subdivision, or new building or structure or addition, so long as the owner thereof shall fail to provide for fire hydrants, or to perform any guarantees, or to permit access, according to this Section.

Exception: On the application of any person, the Board of Directors of the District may grant exception to the requirements of this Section for fire hydrant installations, where such person shall prove to the satisfaction of the Board of Directors that there is no water supply reasonably available for the installation of hydrants.

CHAPTER 10 (pages 217 – 255)

SECTION 1008.1.9.8 (page 229) delete in its entirety. Insert:

1008.1.9.8 Electromagnetically locked egress doors. Doors in the *means of egress* that are not otherwise required to have panic hardware in buildings with an occupancy in - Group A, B, E, I-1, I-2, M, R-1 or R-2 and doors to tenant spaces in Group A, B, E, M, I-1, I-2, R-1 or R-2 shall be permitted to be electromagnetically locked if equipped with *listed* hardware that incorporates a built-in switch and meet the requirements below:

1. The *listed* hardware that is affixed to the door leaf has an obvious method of operation that is readily operated under all lighting conditions.
2. The *listed* hardware is capable of being operated with one hand.
3. Operation of the *listed* hardware releases to the electromagnetic lock and unlocks the door immediately.
4. Loss of power to the *listed* hardware automatically unlocks the door.

SECTION 1008.1.9.10 (page 229) modify as follows. Insert:

Delete Exception #3 in its entirety.

SECTION 1009.4.2 Exception 5 (page 231) delete in its entirety. Insert:

1009.4.2 Exception 5:

5. In occupancies in Group R-3, as applicable in Section 101.2, within dwelling units in occupancies in Group R-2, as applicable in Section 101.2, and in occupancies in Group U, which are accessory to an occupancy in Group R-3, as applicable in Section 101.2, the maximum riser height shall be 8.25 inches and the minimum tread depth shall be 9 inches, the minimum winder tread depth at the walk line shall be 9 inches, and the minimum winder tread depth shall be 6 inches (152 mm). A nosing not less than 0.75 inch (19.1 mm) but not more than 1.25 inches (32 mm) shall be provided on stairways with solid risers where the tread depth is less than 11 inches (279 mm).

SECTION 1014.2 (page 237) delete in its entirety. Insert:

1014.2 Egress through intervening spaces. Egress through intervening spaces shall comply with this section.

1. Egress from a room or space shall not pass through adjoining or intervening rooms or areas, except where such adjoining rooms or areas and the area served are accessory to one or the other, are not a Group H occupancy and provide a discernible path of egress travel to an *exit*.

Exception: *Means of egress* are not prohibited through adjoining or intervening rooms or spaces in a Group H, S or F occupancy when the adjoining or intervening rooms or spaces are the same or a lesser hazard occupancy group.

2. An *exit access* shall not pass through a room that can be locked to prevent egress.
3. *Means of egress* from dwelling units or sleeping areas shall not lead through other sleeping areas, toilet rooms or bathrooms.
4. Egress shall not pass through kitchens, storage rooms, closets or spaces used for similar purposes.

Exceptions:

1. *Means of egress* are not prohibited through a kitchen area serving adjoining rooms constituting part of the same dwelling unit or sleeping unit.
2. *Means of egress* are not prohibited through kitchens, storage rooms, closets or spaces used for similar purposes or stockrooms in Group M occupancies when all of the following are met:
 - 2.1. The area is not a high-hazard use;
 - 2.2. Not more than 50 percent of the *exit access* is through the adjoining area;
 - 2.3. The adjoining area is not subject to locking from the egress side; and
 - 2.4. There is a demarcated, minimum 44-inch wide (1118mm) *aisle* defined by full- or partial-height walls or similar construction that will maintain the required width and lead directly to the *exit* without obstructions.

CHAPTER 11 (page 257 – 270) delete all of this Chapter exclusive of the following:

1102.0 Definitions (page 257)

CHAPTER 12 (pages 271 – 274) delete all of this Chapter exclusive of the following:

1201 General (page 271)

1202 Definitions (page 271)

1205.4 Stairway illumination (page 272)

1205.4.1 Controls (page 273)

1205.5 Emergency egress lighting (page 273)

1206 Yards or Courts (page 273)

1209 Access to Unoccupied Spaces (page 274)

CHAPTER 13 (page 275) delete this Chapter in its entirety.

CHAPTER 14 (page 277 – 285)

SECTION 1403.2 (page 277 – 278) delete in its entirety.

SECTION 1403.3 (page 278) delete in its entirety.

SECTION 1403.5 (page 278) delete in its entirety.

SECTION 1403.6 (page 278) delete in its entirety.

CHAPTER 15 (pages 287 – 301) delete all Sections exclusive of the following:

1501 General: (page 287)

1502 Definitions: (page 287)

1505 Fire classification (page 289)

1507 Requirements for Roof Coverings (page 290 – 299)

1508 Roof insulation (page 299)

1509 Rooftop Structures (page 300 – 301)

CHAPTER 16 (pages 303 – 366) delete in its entirety.

CHAPTER 17 (pages 367 – 386) delete all Sections exclusive of the following:

1701 General (page 367)

1702 Definitions (page 367)

1703 Approvals (page 367 – 368)

1704.1 General (page 368 – 369)

1704.1.1 Statement of special inspections (page 369)

1704.1.2 Report requirement. (page 369)

1704.12 Sprayed fire-resistant materials. through 1704.16.2 Qualifications. (pages 378 – 379)

1712 Alternative test procedure: (pages 383 – 384)

CHAPTER 18 (pages 387 – 415) delete in its entirety.

CHAPTER 19 (pages 417 – 426) delete all Sections exclusive of the following:

1902 Definitions: (page 417)
1907.7.8 Fire protection: (page 420)
1915.5 Fire-resistance rating protection: (page 426)

CHAPTER 20 (page 427) delete in its entirety.

CHAPTER 21 (pages 429 – 445) delete all Sections exclusive of the following:

2101.3.1 Fireplace drawings (page 429)
2102 Definitions (pages 429 – 432)
2103 Masonry Construction Materials (page 432 – 433)
2111 Masonry Fireplaces (pages 438 – 440)
2112 Masonry Heaters (pages 440 – 441)
2113 Masonry Chimneys (pages 441 – 445)

CHAPTER 22 (pages 447 – 449) delete all Sections exclusive of the following:

2202 Definitions: (page 447)

CHAPTER 23 (pages 451 – 519) delete all Sections exclusive of the following:

2302 Definitions (pages 451 – 452)
2303.2 Fire-retardant treated wood (pages 453 – 454)
2302.2.4 Labeling (page 454)
2302.2.6 Exposure to weather, damp or wet locations (page 454)
2302.2.7 Interior applications (page 454)
2302.2.9 Type I and II construction applications (page 454)
2304.9.5.3 Fasteners in preservative-treated and fire-retardant-treated wood (page 461)
2304.10 Heavy timber construction (pages 461 – 465)

CHAPTER 24 (pages 521 – 527) delete all Sections exclusive of the following:

2405.4 Framing (page 523)
2406.5 Fire department access panels (page 526)
2407 Glass in Handrails and Guards (page 526)
2409.1.1 Fire-resistance-rated hoistways (page 527)

CHAPTER 25 (pages 529 – 534) delete all Sections exclusive of the following:

2503.1 General (page 529)
2502 Definitions (page 529)
2506.2 Standards (page 530)
2507.2 Standards (page 530)
Table 2508.1 (page 530)

CHAPTER 29 (PAGES 549 – 552) delete in its entirety.

CHAPTER 30 (pages 553 – 557) delete all Sections exclusive of the following:

3001.2 Referenced standards (page 553)

- 3002 Hoistway Enclosures** (page 553)
- 3003 Emergency Operations** (pages 553 – 554)
- 3004 Hoistway Venting** (page 554)
- 3005.2.1 Enclosure** (page 554)
- 3005.3.1 Enclosure** (page 555)
- 3006.1 Access** (page 555)
- 3006.2 Venting** (page 555)
- 3006.3 Pressurization** (page 555)
- 3006.4 Machine rooms and machinery spaces** (page 555)
- 3006.5 Shunt trip** (page 555)
- 3007 Fire Service Access Elevator** (pages 555 – 556)
- 3008 Occupant Evacuation Elevators** (pages 556 – 557)

CHAPTER 31 (pages 559 – 563)

SECTION 3107 (page 562) delete in its entirety.

SECTION 3108 (page 562) delete in its entirety.

SECTION 3109 (pages 562 – 563)

CHAPTER 32 (page 565) delete all Sections exclusive of the following:

- 3202.1.3 Areaways** (page 565)
- 3202.2 Encroachments above grade and below 8 feet in height** (page 565)
- 3202.3 Encroachments 8 feet or more above grade** (page 565)
- 3402.3.4 Pedestrian walkways** (page 565)
- 3202.4 Temporary encroachments** (page 565)

CHAPTER 33 (pages 567 – 570) delete all Sections exclusive of the following:

- 3301.2 Storage and placement** (page 567)
- 3302.1 Remodeling and additions** (page 567)
- 3303.3 Means of egress** (page 567)
- 3308.1.1 Obstructions** (page 569)
- 3309 Fire Extinguishers** (page 569)
- 3310 Exits** (page 569)
- 3311 Standpipes** (pages 569 – 570)
- 3312 Automatic Sprinkler Systems** (page 570)

CHAPTER 34 (pages 571 – 586)

SECTION 3403.2 (page 572) delete in its entirety.

SECTION 3403.3 (page 572) delete in its entirety.

SECTION 3403.3.1 (page 572) delete in its entirety.

SECTION 3403.4 (page 572) delete in its entirety.

SECTION 3403.4.1 (page 572) delete in its entirety.

SECTION 3404.2 (page 572) delete in its entirety.

SECTION 3404.3 (pages 572 – 573) delete in its entirety.

SECTION 3404.3.1 (page 573) delete in its entirety.

SECTION 3404.4 (page 573) delete in its entirety.

SECTION 3404.4.1 (page 573) delete in its entirety.

SECTION 3404.5 (page 573) delete in its entirety.

SECTION 3405.2 (page 573) delete in its entirety.

SECTION 3405.2.1 (page 573) delete in its entirety.

SECTION 3405.3 (page 574) delete in its entirety.

SECTION 3405.3.1 (page 574) delete in its entirety.

SECTION 3405.4 (page 574) delete in its entirety.

SECTION 3405.5 (page 574) delete in its entirety.

SECTION 3409.2 (page 575) delete in its entirety.

SECTION 3411 (pages 575 – 577) delete in its entirety.

SECTION 3412.2 (page 577) insert October 1, 1979, as [DATE TO BE INSERTED BY THE JURISDICTION].

SECTION 3412.4.1 (page 579) delete in its entirety.

SECTION 3412.4.2 (page 579) delete in its entirety.

SECTION 5. SAVINGS CLAUSE.

That nothing in this Ordinance or in the Building 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 ICC[®], *International Building Code, 2009 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 119 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 17th day of September, 2010. The effective date of the Ordinance shall be at 12:01 a.m. on the 1st day of November, 2010.

Aaron Hilmer

Aaron Hilmer
Chairman and Director

SEAL

Bonnie C Stegman

Bonnie C Stegman
Secretary and Director

Ed Ryan

Ed Ryan
Director