

ORDINANCE # 23

AN ORDINANCE ADOPTING THE FIRE PREVENTION CODE OF THE BOLES FIRE PROTECTION DISTRICT OF FRANKLIN COUNTY, MISSOURI

AN ORDINANCE REPEALING ORDINANCE NUMBER # 18 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 VIOLATIONS THEREOF:

BE IT ORDAINED BY THE BOARD OF DIRECTORS OF THE BOLES FIRE PROTECTION DISTRICT OF FRANKLIN COUNTY, MISSOURI AS FOLLOWS:

SECTION 1 INCONSISTENT ORDINANCES REPEALED

Ordinance number 18 of the Boles Fire Protection District of Franklin County, Missouri, and all other Ordinances or parts of Ordinances in conflict herewith are hereby repealed.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 Boles Fire Protection District of Franklin County, Missouri, being marked and designated as “*ICC International Residential Code,*” 2006 Edition as published by the International Code Council, Inc., together with the standards which are reference in Chapter 43 (Pages 547-567) and its appendices is hereby adopted as the Fire Code of the Boles Fire Protection District of Franklin County, Missouri, for control of buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions, and terms of the “*ICC, International Residential Code,*” 2006 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 3 of this Ordinance.

SECTION 3 INTERNATIONAL RESIDENTIAL CODE

The following shall be added to, inserted, deleted, or changed in **International Residential Code, 2006**, First Edition, as follows.

Chapter 1 Administration

R-101.1 Title (Page 1) Delete and insert the following:

These provisions shall be known as the Residential Code for One-Two-Family Dwellings of Boles Fire Protection District, and shall be cited as such and will be referred to herein as “this code”.

R-101.2 Scope (Page 1) delete in its entirety. Insert:

R-101.2 Scope The provisions of the *International Residential Code for One- and Two-Family Dwellings* shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories in height with a separate means of egress and their accessory structures. A family day care home shall be permitted within the scope of this Code.

R-102.8 Matters Not Provide for (Page 1) add a new section. Insert:

R-102.8 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.

R-102.12 Rule-Making Authority (Page 3) add a new Section. Insert:

R-102.12 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

R-103.1 Creation of Enforcement Agency (Page 1) Delete and insert the following:

The Department of Building Safety is hereby created and the official in charge thereof shall be known as the fire marshal.

R-103.2 Appointment (Page 1) Delete and insert the following:

The Fire Marshal shall be appointed by the Board of Directors of Boles Fire Protection District.

R-103.3 Deputies (Page 1) Delete and insert the following:

In accordance with the prescribed procedures of Boles Fire Protection District, and with the concurrence of the appointing authority, the Board of Directors shall have the authority to appoint an assistant to the Fire Marshal or other persons as may be needed to enforce the ordinances of the district. Such employees shall have powers as delegated by the Fire Marshal.

R104.10 Modifications (Page 2) Delete and insert the following:

Wherever there are practical difficulties involved in carrying out the provisions of this code, the Fire Marshal shall have the authority to grant modifications for individual cases, provided the fire marshal shall first find that special individual reason makes the strict letter of this code impractical and the modification is in compliance with the intent and purpose of this code and that such modification does not lessen life and fire safety requirements.

R-104.10.1 Areas Prone to Flooding (Page 2) Delete in its entirety.

R-105 Permits (Page 3) Delete in its entirety and refer to Table B-108.2

R-106.1 Submitted Documents (Pages 4 – 5) delete in its entirety. Insert:

R-106.1 Submittal Documents (Page 4-5) Insert the following:

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 R106.1.1.

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.

R-106.1.1 Application of Seals (Page 4) add a new section. Insert:

R106.1.1 Application of Seals (Page 4): When construction documents are submitted, the application of seals and signatures on those documents shall be required as follows:

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 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.

R-106.1.3 Information for Construction in Areas Prone to Flooding (Page 5) Delete in its entirety:

R-106.3.1 Approval of Construction Documents (Page 5) Delete and insert the following:

When the Fire Marshal issues a permit, the construction documents shall be approved in writing or by stamp. One set of plans shall be returned.

R-106.5 Retention of Construction Documents (Page 5) Delete in its entirety:

R-107.2 Conformance (Page 5) Delete and insert the following:

Temporary structures and uses shall conform to the fire safety, means of egress, light and ventilation requirements of this code as necessary to ensure the public safety and general welfare.

R-107.3 Temporary Power (Page 5) Delete and insert the following:

The fire marshal is authorized to give permission to temporarily supply and use power in part of an electric installation before such installation has been fully completed and the final certificate of completion has been issued. This type of service shall be known as temporary on the permanent. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in the current NFPA 70 National Electrical Code and this ordinance.

R-108 Fees (Page 5) Delete in its entirety and refer to Table B-108.2

R109.1.1 Inspections Required and Inspection Placard (Page 6) delete in its entirety Insert:

R109.1.1 Inspections Required and Inspection Placard (Page 6) 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 Residential Building Code. (Failure to maintain this inspection and identification board will not relieve the permit holder of responsibility as provided by the Residential 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 Residential Building Code are met, including compliance with the mechanical, and electrical codes of Boles Fire Protection District, he will remove the job inspection card.

R109.1.2 Inspection Sequence and Approval (Page 6) delete in its entirety. Insert:

R109.1.2 Inspection sequence and approval (Page 6) 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 R-110 of the Residential 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 R-113.4. Structural framework of any part of a building or structure including mechanical, gas, and electrical systems 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.

R-109.1.3 Flood Plain Inspections (Page 6) delete in its entirety and insert:

R-109.1.3 Framing or Rough-in Inspection (Page 6) 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.

R-109.1.4 Frame and Masonry Inspection (Page 6) Delete and insert the following:

Inspection of framing and masonry construction shall be made after the roof, masonry, all framing, fire stopping, draft stopping are in place along with all mechanical and electrical rough in.

R-110.3 Certificate Issued (Page 7) Delete and insert the following:

After the Fire Marshal inspects the building or structure and finds no violations of the provisions of the Fire Prevention Ordinance the fire marshal shall issue an occupancy permit.

R-110.4 Temporary Occupancy (Page 7) Delete and insert the following:

Temporary occupancy is not allowed at any time for new construction unless approved by the Fire Marshal.

R-110.5 Revocation (Page 7) delete in its entirety. Insert:

R-110.5 Revocation (Page 7) 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.

R-110.6 Certificate Required (Page 7) add a new Section. Insert:

R-110.6 Certificate Required (Page 7) 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 R-113.4.

R-111.2.3 Notice of Violation (Page 7) Insert a new sub-section as follows:

When an inspection by the Fire Marshal or his authorized representative reveals an unsafe condition, then the owner or contractor of the building, structure, mobile home, trailer, or habitable site, where such violation is found, shall be notified in writing, either by hand delivering a note, posting a written notice on the building, structure, or premises, or by mailing same to said owner or contractor, by ordinary U.S. mail, and said owner and/or contractor shall have a reasonable period of time to remedy said violation, which reasonable period of time shall not exceed forty-eight (48) hours, from date of said notice.

R-111.2.4 Penalty for Violation in addition to Sub-Section B-113.4 (Page 7) Delete in its entirety and refer to Section B-113.4.

R-112 Board of Appeals (Page 7) Delete in its entirety and refer to Section B-112.

R-113 Violations (Page 7) Delete in its entirety refer to Section B-113.4.

R-113.5 Unlawful Continuance (Page 8) add a new section. Insert:

R113.5 Unlawful Continuance (Page 8) 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 B-113.4 of this Ordinance.

R113.6 Civil Action (Page 8) add a new section. Insert:

R113.6 Civil Action (Page 8) 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 2 Definitions

R202.0 Definitions (Pages 9 – 21) Insert the following:

All words and phrases and their definitions as set out in Article 2 of the “*ICC*”, *International Residential Code, 2006 Edition*”, are hereby adopted by reference as though fully set out herein with the following exceptions:

Family day care home; add a new definition as follows:

- **Family day care home:** 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 3 Building and Planning

R-301 Design Criteria (Page 23) Delete in its entirety including all tables.

R-303.1 Habitable Rooms (Page 47) Delete in its entirety.

R-303.2 Adjoining Rooms (Page 47) Delete in its entirety.

R-303.3 Bathrooms (Page 47) Delete in its entirety.

R-303.6 Stairway Illumination (Page 48) Delete and insert the following:

All interior and exterior stairways shall be provided with a means to illuminate the stairs, including the landing.

R-303.6.1 Light Activation (Page 48) Delete and insert the following:

The control for activation of the required interior stairway lighting shall be accessible at the top and bottom of each stair without traversing any step of the stair. The illumination of exterior stairs shall be controlled from the inside of the dwelling unit. This switch must be self-illuminating switch.

Exception:

Lights that continuously illuminated or automatically activated.

R-303.7 Required Glazed Openings (Page 48) Delete in its entirety.

R-303.8 Required Heating (Page 48) Delete in its entirety.

R-306 Sanitation (Page 49) Delete in its entirety.

R-307 Toilet, Bath and Shower Spaces (Page 49-50) Delete in its entirety.

R-308 Glazing (Page 50) Delete in its entirety.

R-309.1 Opening Protection (Page 52) Delete and insert the following:

Opening from a private garage directly into a room used for sleeping purpose shall not be permitted. Other openings between the garage and residence shall be equipped with solid core wood doors no less than 1 ¾ in thickness or a 20 minute labeled fire rated door.

R-309.1.1 Duct Penetration (Page 52) Delete and insert the following:

Ducts in the garage and ducts penetrating the walls or ceilings are not allowed to be left exposed. They must be covered with the same material covering the walls and ceiling. Opening from the ductwork into the garage is not allowed.

R-309.2 Separation Required (Page 52) Delete and insert the following:

The garage shall be separated from the residence and its attic area by not less than one layer of 5/8's type X gypsum board applied to the garage side. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 5/8s inch type X gypsum board or equivalent. A minimum of a 4-inch rise is required between the garage floor and the living area of the home, with the garage floor being lower.

R-309.2.1 Joint and Nail Treatment (Page 52) add a new section. Insert:

R-309.2.1 Joint and Nail Treatment (Page 52) All joints shall be fire taped and all nail heads treated.

R 309.3 Floor Surface (Page 52) Delete in its entirety and insert the following:

R 309.3 Floor Surface (Page 52) Garage floor surfaces shall be of approved noncombustible material. The area of floor used for parking of automobiles or other vehicles shall be sloped to facilitate liquids to a drain toward the main vehicle entry doorway. The floor shall also be lowered 6 inches below any residential floor area.

R-309.3.1 Sill Height (Page 52) add a new section. Insert:

R-309.3.1 Sill Height (Page 52): The sills of all door openings between private garages and adjacent interior spaces shall be raised not less than 4 inches (102 mm) above the garage floor.

R-309.4 Carports (Page 52) Delete and insert the following:

Carports must be separated from the residence and attic by 1 layer of 5/8 inch type x gypsum board or equivalent. This may be installed under the siding if inspected by the fire marshal. The floor must slope away from the residence to facilitate the movement of liquids to a drain or toward the main vehicle entry doorway. Windows are not allowed in the separation wall. Doors in this wall must be 1 ¾ solid core door or 20 minute labeled steel door. Glass panels cannot be in the door.

R-309.5 Flood Hazard Areas (Page 52) Delete in its entirety.

R-310.1 Emergency Escape and Rescue Required (Pages 52-53) Delete in its entirety and insert the new section:

R-310.1 Emergency Escape and Rescue Required (Pages 52-53) insert the following:

Basements with habitable space and every sleeping room shall have at least one open able emergency escape and rescue opening. Where basements contain one or more sleeping rooms, emergency egress and rescue openings shall be required in each sleeping room, but shall not be required in adjoining areas of the basement. Where emergency escape and rescue openings are provided they shall have a sill height of not more than 44 inches above the floor. Where a door opening having a threshold below the adjacent ground elevation services as an emergency escape and rescue opening and is provided with a bulkhead enclosure, the bulkhead enclosure shall comply with section R-310.3. The net clear opening dimensions required by this section shall be obtained by the normal operation of the emergency escape and rescue opening from the inside. Emergency escape and rescue openings with a finished sill height below the adjacent ground elevation shall be provided with a window well in accordance with Section R-310.2.

Exceptions:

1. Unfinished basement spaces in the structures being converted to habitable space other than sleeping rooms when smoke detectors, in addition to those required by section R-313.1.1 are installed in each room/space of the basement. The smoke detectors shall be in accordance with Section R-313.2.

2. Basement used only to house mechanical equipment and not exceeding total area of 200 square feet.

R-310.1.5 Openings into Patio Structures (Page 53) add a new section. Insert:

R-310.1.5 Openings into Patio Structures (Page 53) Emergency escape openings shall be permitted to open into a patio structure, provided that the patio structure shall be unenclosed.

R-310.1.5.1 Bathrooms in Unfinished Basements (Page 53) add a new section, Insert the following:

R-310.1.5.1 Bathrooms in Unfinished Basements (Page 53)

Bathrooms or bathroom rough-ins shall not be permitted within unfinished basements on new construction unless an emergency escape and rescue opening is provided to allow for future conversion to habitable space.

R-310.4 Bars, Grills, Covers, and Screens (Page 53) Delete in its entirety and insert the following:

R-310.4 Bars Grills and Covers (Page 53) Bars, grills, covers, screens or similar devices are not permitted to be placed over emergency escape and rescue windows.

R-311.4.3 Landings at Doors (Page 53) delete in its entirety. Insert:

R-311.4.3 Landings at Doors (Page 53) There shall be a floor or landing on each side of the required egress door.

Exception: Where a stairway of three or fewer risers is located on the exterior side of a door, other than the required exit door, a landing is not required for the exterior side of the door. The floor or landing at the exit door required by Section R-311.4.1 shall not be more than 1.5 inches (38 mm) lower than the top of the threshold. The floor or landing at exterior doors other than the exit door required by Section R-311.4.1 shall not be required to comply with this requirement but shall have a rise no greater than that permitted in Section R-311.5.3. The landing at an exterior doorway shall not be more than 8 ¼ inches (210 mm) below the top of the threshold, provided the door, other than an exterior storm or screen door does not swing over the landing. The width of each landing shall not be less than the door served. Every landing shall have a minimum dimension of 36 inches (914 mm) measured in the direction of travel.

R-311.5.1 Width (Page 54) Delete and insert the following:

Stairway shall not be less than 36 inches in clear width at all points excluding the handrail width

R-311.5.3.4 Under Stair Protection (Page 54) insert a new section:

Enclosed accessible space under stairs shall have walls and soffits protected on the enclosed side with 5/8 type X gypsum board.

R-311.5.7 Illumination (Page 55) Delete and insert the following:

All stairs shall be provided with illumination in accordance with Section R-303.6.

R-311.5.6 Handrails (Page 54) Delete and insert the following:

Handrails having a minimum and maximum heights of 34 inches and 38 inches. Handrails are required on one (1) side of the stairs with two or more risers and on every ramp.

R-311.5.8.1 Spiral Stairs (Page 55) Delete in its entirety.

R-311.5.8.2 Bulkhead Enclosure Stairways (Page 55) Delete in its entirety.

R-311.6.3 Handrails Required (Page 55) Delete and insert the following:

Handrails shall be provided on at least one side of all ramps meeting the requirements of R-315.

R-313.2 Single-and Multiple-station Smoke Alarms Locations (Pages 55-56) Delete and insert the following:

Single and multiple-station smoke alarms shall be installed in the following locations:

1. Outside each sleeping area on the ceiling or wall and within ten (10) feet of each bedroom door.
2. Within each room used for sleeping purposes. Where sleeping rooms ceilings slope is greater than one (1) foot rise in eight (8) foot rise horizontal, the upper edge of the smoke detector shall be located within 12 inches of the highest point of the ceiling.
3. In each story within a dwelling unit, including basements and cellars but not including crawl spaces and uninhabitable attics.
4. Additional smoke alarms may be required by the fire official, due to additional walls or ventilation system being added.

When more than one smoke alarm is required to be installed within an individual dwelling unit the alarm devices shall be interconnected in such a manner the actuation of one alarm will activate all of the alarms in the individual

unit. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed. All smoke alarms shall be listed and installed in accordance with the provision of this code and the household fire warning equipment provisions of NFPA 72.

R-314.5.3 and 314.5.4 Attics and Crawlspace (Page 57) Delete and insert the following:

Within attics and crawlspaces foam plastics shall be protected against ignition by 1 ½ inch thick mineral fiber insulation or ½ gypsum board.

R-317.2 Townhouses (Page 58) Delete in its entirety and insert the following:

R-317.2 Two Family Dwellings and Townhouses (Page 58) Dwelling units in two-family dwellings shall be separated from each other by wall and or floor assemblies of not less than 2-hour fire resistive rating when tested in accordance with ASTM E 119. Fire-resistance rated floor-ceiling and wall assemblies shall extend to the underside of the roof sheathing.

R-318.0 Moisture Vapor Retarders (60) delete in its entirety and insert the new section:

R-318.0 Fire Hydrants (Page 60) insert the following new section:

R-318.1 New Subdivisions (Page 60) 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 Boles 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.

R-318.2 New Structures (Page 60) insert the following new section:

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 or 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.

R-318.3 Installation of other New Fire Hydrants (Page 60) insert the following new section:

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.

R-318.4 Residential Uses (Page 60) insert the following new section:

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.

R-318.5 Fire Hydrant Placement (Page 60) insert the following new section:

Fire hydrants shall be placed within the guidelines of Section R-318.5.1 through R-318.5.9.

R-318.5.1 Detached Single Family Residential (Page 60) insert the following new section:

In detached 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.

R-318.5.2 Attached Multi-family Residential (Page 60) insert the following new section:

In attached 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.

R-318.5.2.1 Water Supply Required (Page 60) insert the following new section:

In attached multi-family residential developments, when there are four (4) or more dwelling units within one (1) building or structure.

R-318.5.3 Area to be Provided with Fire Hydrants (Page 60) insert the following new section:

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.

R-318.5.4 Fire Hydrant Spacing (Page 60) insert the following new section:

Spacing of fire hydrants along a public way shall be regulated by the use classification of the development that abuts the existing and/or proposed public way.

R-318.5.5 Private Hydrants (Page 60) insert the following new section:

Where a development, other than detached single family residences, 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 R-318.5.1 through and including Section R-318.5.4.

R-318.5.6 No Parking Area at Fire Hydrants (Page 60) insert the following new section:

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.

R-318.5.7 Unacceptable Locations for Fire Hydrants (Page 60) insert the following new section:

Fire hydrants shall not be permitted in the locations indicated in Section R-318.5.8.

R-318.5.8 Prohibited Locations (Page 60) insert the following new section:

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

R-318.5.9 Relocation of Fire Hydrants (Page 60) insert the following new section:

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.

R-318.7 Fire Hydrant Installation (Page 60) insert the following new section:

All fire hydrants shall be installed in accordance with Sections R-318.7.1 through R-318.7.3.

R-318.7.1 Fire Hydrant Set Back Distance (Page 60) insert the following new section:

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

R-318.7.2 Fire Hydrant Connection Height (Page 60) insert the following new section:

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.

R-318.7.3 Fire Hydrant Type (Page 60) insert the following new section:

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

R-318.8 Obstructions (Page 60) insert the following new section:

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

R-318.9 Color Coding of Public Fire Hydrants (Page 60) insert the following new section:

All public fire hydrant barrels are to be painted yellow. All fire hydrant bonnets are to be painted as follows:

COLOR	WATER GPM
Blue	1500 or greater
Green	1000 to 1499
Orange	500 to 999
Red	Less than 500

R-318.10 Color Coding of Private Fire Hydrants (Page 60) insert the following new section:

All private fire hydrants shall be painted yellow, including the bonnet.

R-318.11 Minimum Fire Flow - Single Hydrant (Page 60) insert the following new section:

The minimum fire flow from a single fire hydrant shall be fifteen hundred (1000) gallons per minute at twenty (20) psi residual pressure unless the new hydrant is ordered on a pre-existing main.

R-318.12 Access (Page 60) insert the following new section:

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.

R-318.13 Building Permits (Page 60) insert the following new section:

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

R-319 Protection Against Decay (Pages 60-61) Delete in its entirety.

R-320 Protection Against Subterranean Termites (Pages 61-62) Delete in its entirety.

R-321 Site Address (Page 62) Delete in its entirety and insert the following:

R321.1 General (Page 62) insert the following new section:

The following words and terms shall, for the purposes of this Chapter and as stated elsewhere in this code, have the meanings shown herein.

Street address number sign: A sign which designates the street number assigned to a particular house, building or structure.

Reoccupancy: Any change in ownership, occupancy or use of the structure which would necessitate the issuance of a new certificate of occupancy under any other provision of this code.

R-321.2 Street Address (Page 62) insert the following:

Approved numbers or addresses shall be provided for new and existing buildings in such a position as to be clearly visible and legible from the street or roadway fronting the property.

R-321.2.1 Residential Property (Page 62) Insert a new sub-section:

A Residential Building shall be clearly marked with its Numerical Address. Minimum height is three (3) inches. Written and or Script Type Numbers are prohibited Color of numbers must be contrasting to exterior of the building. No Gold, Silver, or Brass numbers are acceptable. Numbers must be permanently affixed. No stick-on or Velcro numbers accepted. Numbers must be located either over the garage door or within six (6) feet of the front door. If not visible from the street, the address must be posted next to the street by the driveway on a post not less than four (4) feet high and low enough to be read by a person of average height, or as approved by the Fire Marshal.

R-321.2.3 Street Address Number Signs-Remote Exit (Page 62) Add a new sub-section:

In addition to the street address number sign required by Section 501, additional street address number signs shall be provided at all remote exit doors in occupancies of all Use Groups.

Exception: Detached structures of Use Group R-3.

R-321.2.4 New Construction (Page 62) Add a new sub-section:

Street address number signs shall be installed on all new structures of all Use Groups. Street address number signs shall be installed prior to the final inspection and issuance of the certificate of occupancy.

Exception: Builders of detached structures of Use Group R-3 shall be permitted to provide the purchaser with a copy of these requirements and new owner shall install the required street address number sign within fifteen (15) days of occupancy.

R-321.2.5 Remodel or Renovations (Page 62) Add a new sub-section:

Street address number signs shall be installed on existing structures of all Use Groups at any time the structure is increased in height or area when any alteration, modification or remodeling costing more than One Thousand Dollars (\$1,000.00) is made to such existing structure.

R-321.2.6 Existing Structures (Page 62) Add a new sub-section:

Street address number signs shall be installed on all existing structures of all Use Groups within fifteen (15) days of written notification by the Code Official. Notification shall be accomplished either personally or by United States Mail certified or registered mail with the returned receipt requested to the real property owner and/ or occupant, or their agent, or by posting such notice upon the premises.

R-321.2.7 Reoccupancy (Page 62) Add a new sub-section:

Street address number signs shall be installed on all existing structures of all Use Groups upon reoccupancy of any such existing structure and after proper notification to the Boles Fire Protection District of Franklin County, Missouri.

R-322 Accessibility (Page 62) Delete in its entirety.

R-324 through R-327 Flood-Resistant Construction (Pages 62-65) Delete in its entirety and insert the following new sections:

SECTION R-324 GENERAL

R-324.1 Scope (Page 62) Fire apparatus access roads shall be in accordance with Sections R-324 through R-327.

SECTION R-325 REQUIRED ACCESS

R-325.1 Access and Loading (Page 62) Facilities, buildings or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an approved fire apparatus access road with an asphalt, concrete or other approved driving surface capable of supporting the imposed load of fire apparatus weighing at least 75,000 pounds (34 050 kg).

SECTION R-326 MINIMUM SPECIFICATIONS

R-326.1 Access Road Width with a Hydrant (Page 62) Where a fire hydrant is located on a fire apparatus access road, the minimum road width shall be 26 feet (7925 mm). See Figure R326.1.

R-326.2 Grade (Page 62) Fire apparatus access roads shall not exceed 10 percent in grade.

Exception: Grades steeper than 10 percent as approved by the fire chief.

R-326.3 Turning Radius (Page 62) The minimum turning radius shall be determined by the code official.

R-326.4 Dead Ends (Page 62) Dead-end fire apparatus access roads in excess of 150 feet shall be provided with width and turnaround provisions in accordance with Table R-326.4.

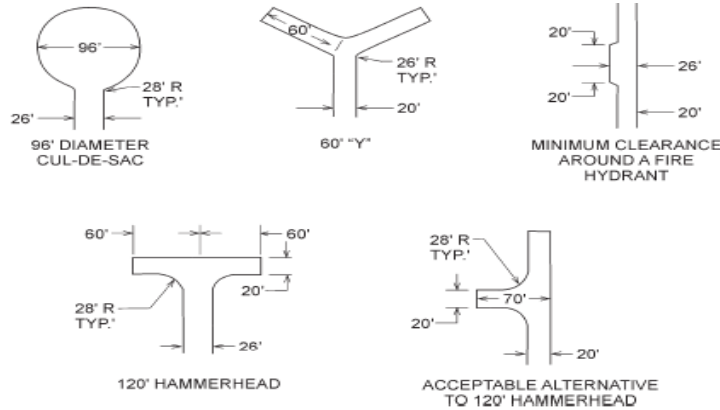
TABLE R-326.4

REQUIREMENTS FOR DEAD-END FIRE APPARATUS ACCESS ROADS

LENGTH (feet)	WIDTH (feet)	TURNAROUNDS REQUIRED
0 – 150	20	None required
150 – 500	20	120' Hammerhead or 60' Y 96' diameter cul-de-sac in accordance with Figure R326.1
501 – 750	26	120' Hammerhead or 60' Y 96' diameter cul-de-sac in accordance with Figure R326.1
Over 750		Special approval required

FIGURE R-326.1

DEAD-END FIRE APPARATUS ACCESS ROAD TURNAROUND



For SI: 1 foot = 304.8 mm.

**FIGURE D103.1
DEAD-END FIRE APPARATUS ACCESS ROAD TURNAROUND**

R-326.5 Fire Apparatus Access Road Gates Gates securing the fire apparatus access roads shall comply with all of the following criteria:

- A. Only the following types of gates shall be approved:
 - 1. Gates that swings open horizontally in the direction of vehicle travel.
 - 2. Gates that slide open in a perpendicular to the direction to vehicle travel.
 - 3. The minimum gate width shall be 20 feet
- B. Gate(s) shall be powered by electricity from the local utility company or by solar power.
- C. If power is lost to the gate, the gate must be capable of opening with a battery backup system or manually and must be locked in the open position until the power is restored. Any type of battery backup system must be kept fully charged.
- D. Gate(s) must be equipped with a rapid entry switch, which is approved by the Fire Marshal. The switch must be installed per the manufacturer's and directions and at the direction of the Fire Marshal. If a key is required it shall meet the Boles Fire Protection District KNOX Box master key system.
- E. Gate(s) must be opened with a quick release system that allows the gate(s) to be opened manually.
- F. The area of the fire apparatus access road measuring sixty (60) feet in both directions from the gate shall be designated as a fire lane and marked by signs in conformity with this code.
- G. If the gate is found in a non-working condition it shall be locked in the open position.
- H. Entrance gate(s) must be equipped with a siren-activated opener (SOS). This opener must open the by either electronic or mechanical ("Q") siren.
- I. A gate opened by a siren-opener (SOS) must remain in the open position for at least (15) MINUTES.

R-326.6 Signs (Page 62) When required by the code official, fire apparatus access roads shall be marked with permanent **NO PARKING—FIRE LANE** signs complying with Figure R326.6. Signs shall have a minimum dimension of 12 inches (305mm) wide by 18 inches (457 mm) high having red letters on a white reflective background. Signs shall be posted on one or both sides of the fire apparatus road as required by Section R-326.6.1 or R-326.6.2.



**FIGURE R-326.6
FIRE LANE SIGNS**

R-326.6.1 Roads 20 to 26 feet in width (Page 62) Fire apparatus access roads 20 to 26 feet wide (6096 to 7925 mm) must be posted on both sides as a fire lane.

R-326.6.1.2 Roads more than 26 feet in width (Page 62) Fire apparatus access roads more than 26 feet wide (7925 mm) to 32 feet wide (9754 mm) shall be posted on one side of the road as a fire lane.

SECTION R-327 ONE OR TWO FAMILY RESIDENTIAL DEVELOPMENTS

R-327.1 One-or-two-family Dwelling Residential Developments (Page 62) Developments of one-or two-family dwellings where the number of dwelling units exceeds 100 shall be provided with separate and approved fire apparatus access roads, and shall meet the requirements of Section R-327.2.

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 F-903.3.1.1 or F-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.

R-327.2 Remoteness Where two access roads are required, they shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the property or area to be served, measured in a straight line between accesses.

Chapter 4 Foundations (Page 67-96) Delete in its entirety.

Chapter 5 Floors (Page 97-122) delete this entire Chapter exclusive of the following:

R501.1 Application (Page 97) Delete and insert the following:

The provisions of this Chapter shall control the design and construction of the floors for all buildings including the floors of attic spaces used to house mechanical and other equipment.

R-502.12 Draft-Stopping Required (Page 106) Delete and insert the following:

When there is usable space both above and below the concealed space of a floor/ceiling assembly, draft stops shall be installed so that the area of the concealed space does not exceed 500 square feet. Draft stopping shall divide the concealed space into approximately equal areas. Where the assembly is enclosed by a floor membrane above and a ceiling membrane below draft stopping shall be provided in floor/ceiling assemblies under the following circumstances.

1. Ceiling is suspended under the floor framing.
2. Floor framing is constructed of truss-type open-web or perforated members.

R-502.12.1 Materials (Page 106) Delete and insert the following:

Draft stopping materials shall not be less than ½ inch gypsum board or 3/8 inch plywood as approved by the fire official.

R-502.13 Fire-Blocking Required (Page 106)

Chapters 6 Wall Construction (Page 123–242) Delete this entire Chapter exclusive of the following:

R-602.4 Interior Load-bearing Walls (Page 132) Delete and insert the following:

Interior load bearing walls shall be constructed, framed and fire blocked at 48 inches above the floor.

R-602.8 Fire Blocking Required (Pages 133-134) Delete and insert the following:

Fire Blocking shall be provided to cut off all concealed draft openings (both vertical and horizontal) and to form an effective fire barrier between stories and between a top story and the roof space. Fire blocking shall be provided in wood-frame construction in the following locations.

1. In concealed spaces of stud walls and partitions, including furred spaces, at the ceiling and floor level at 10 foot intervals both vertical and horizontal. Batts or blankets of mineral or glass fiber or other approved non-rigid materials shall be allowed as fire blocking in walls constructed using parallel rows of studs or staggered studs.
2. At all interconnections between concealed vertical and horizontal spaces such as occur at soffits, drop ceilings, and cove ceilings.

3. In concealed spaces between stair stringers at the top and bottom of the run. Enclosed spaces under stairs shall comply with R-314.8.
4. At openings around vents, pipes copper and plastic, wiring or conduit, at each penetration of the top or bottom plate whether at the ceiling or floor. Materials used must resist the free passage of flame and products of combustion. When flashing is used it must be tight to the pipe or caulked with approved fire caulk. When caulk is used it must be placed in the annular space around the pipe, duct or wire.
5. For the fire blocking of chimneys and fireplaces, see R-1003.19 and R-1001.12.
6. Fire blocking of cornices of a two-family dwelling is required at the line of dwelling unit separation.

R-602.8.1 Materials (Page 134) Delete and insert the following:

Fire blocking shall consist of 2-inch nominal lumber, or two thickness of 1-inch nominal lumber with broken lap joints, 23/32-inch wood structural panels with joints backed by 23/32 inch wood structural panels or one (1) thickness of 3/4 inch particle board with joints backed by 3/4 particle board, 5/8 inch type X gypsum board, or 1/4 inch cement-based millboard. Batts or blankets of mineral wool or glass fiber or other approved materials installed in such a manner as an acceptable fire block. Loose fill insulation material shall not be used as a fire block unless specifically tested in the form and manner intended for use to demonstrate its ability to remain in place and to retard the spread of fire and hot gases.

Materials approved for Item #4 is metal flashing and a fire rated caulk designed to stop the spread of flame and smoke as stated in the UL design manual.

R-602.8.1.1 Un-faced Fiberglass (Page 134)

R-602.8.1.2 Fire blocking Integrity (Page 134)

R-611 Insulating Concrete Form Wall Construction (Page 193) Delete all except the following:

R-611.1 General (Page 193) Delete and insert the following:

Insulating Concrete Form Walls shall be covered when exposed to the interior of the structure including the attic area. They must be covered with 1/2 inch gypsum board, 3/8-inch plywood or other material approved by the fire marshal.

Chapter 7 Wall Covering (Pages 229-242) Delete this entire Chapter exclusive of the following:

R-702 Interior Covering (Pages 229 - 232)

R-703.5 Wood Shakes and Shingles (Page 233) Delete and insert the following:

Wood shakes and shingles are not allowed installed on the interior of a structure unless they are treated to meet the requirements having a flame spread of 25 or less. Shingles that are installed on the exterior of the structure shall be pressure treated fire retardant.

R-703.5.1 Application (Page 233)

Chapter 8 Roof-Ceiling Construction (Pages 243-287) Delete the entire Chapter exclusive the following:

R-802.1.3 Fire-Retardant-Treated Wood (Page 243)

R-802.1.3.1 Labeling (Page 243)

R-802.1.3.2 Strength Adjustments (Page 243)

R-802.1.3.3 Exposure to Weather (Page 243)

R-802.1.3.4 Interior Applications (Page 244)

R-803.2.1.2 Fire-retardant-treated wood (Page 268)

R-807.1 Attic access (Page 287) Delete and insert the following:

In buildings with combustible ceiling or roof construction, an attic access opening shall be provided to attic area that exceed 30 square feet and have a vertical height of 30 inches or greater. Not to be located in any closet less than 8' by 10' in size, or concealed space and to be located as close as possible to the highest point of the attic area. Where complete access is not obtained throughout the attic, additional attic access shall be required. Access shall be centrally located within a closet and be a minimum dimension of 22 1/2 inches by 30 inches.

R-808.1 Combustible Insulation (Page 287) delete and insert the following:

Combustible insulation shall be separated a minimum of 3 inches from recessed lighting fixtures, fan motors, and other heat-producing devices.

Exceptions:

When heat-producing devices are listed for lesser clearances, combustible insulation complying with the listing requirements shall be separated in accordance with the conditions stipulated in the listing. Recessed lighting fixtures installed in the building thermal envelope shall meet the requirements of Section N-1102.4.3.

Chapter 9 Roof Assemblies (Pages 289-299) Delete this entire Chapter exclusive of the following:

R-902 Roof Classification (Page 289)

R-905 Requirements for Roof Coverings (Pages 291 - 298)

R-906 Roof Insulation (Page 261)

R-907.4 Roof Recovering (Page 299) Delete and insert the following:

When an existing roof is being covered with material forming a attic or new attic, the old roof covering materials and plywood or steel decking must be removed.

Chapter 10 Chimneys and Fireplaces (Pages 301-310)

R-1003.3 Seismic Reinforcing (Page 305) Delete in its entirety.

R-1003.3.1 Vertical Reinforcing (Page 305) Delete in its entirety.

R-1003.3.2 Horizontal Reinforcing (Page 305) Delete in its entirety.

R-1003.4 Seismic Anchorage (Page 306) Delete in its entirety.

R-1004 Factory-Built Fireplaces (Page 309)

R-1004.1 General (Page 309) delete in its entirety and insert the following:

R-1004.1 General (Page 309) Insert the following:

All pre-fabricated fireplaces shall be approved and listed by Underwriter's Laboratories or any other nationally recognized testing agency, installed in accordance with the manufacturer's instructions and addition thereto:

1. All pre-fabricated fire places shall be set on approved non-combustible material which shall extend from the back of the unit to the outer edge of the hearth before any finished materials are installed. Materials acceptable are masonry or 5/8 Type X drywall with sheet metal, or equivalent, as approved by the Fire Marshal.
2. All pre-fabricated fireplace chases shall be protected on the inside of the chase walls and bottom with one layer of 5/8 inch Type X drywall or equivalent, all as approved by the Fire Marshal.
3. All chimney chases shall be fire stopped at each floor/ceiling line and the entire chimney chase be closed off to the attic areas or concealed spaces.
4. The aforesaid shall be inspected at the time of the required framing inspection and new construction, or installations, and before applying any facing material to the fireplace area. All backing material are to be approved and inspected by the Fire Marshal before facing or finish material such as brick, stone, etc. is applied so as to prevent combustible material from being installed where they will be exposed to high heat.
5. The manufacturer's installation instruction booklet shall be with the fireplace until the final inspection is approved by the Fire Marshal.

R-1004.2 Hearth Extensions (Page 309) delete in its entirety and insert the following:

R-1004.2 Hearth Extensions (Page 309)

Hearth extensions of approved factory-built fireplaces shall be installed in accordance with the listing of the fireplace. They shall set on 5/8 inch type X drywall and sheet metal. The hearth extension shall be readily distinguishable from the surrounding floor area.

R-1005.3 Solid Fuel Burning Appliances: (Page 309) insert the following new sub-sections:

All solid fuel burning appliances shall be installed as follows:

R-1005.3.1 Manufactured Homes (Page 309) insert a new sub-section as follows:

All solid fuel-burning appliances installed in manufactured homes (homes built in compliance with the Federal Manufactured Home Construction and Safety Standards – 24 CFR 3280) shall be listed for installation in manufactured homes and according to the manufacturers installation instructions.

R-1005.3.2 Residential Homes (Page 309) Insert a new sub-section as follows:

All solid fuel burning appliances installed in one and two family dwellings shall be listed by a nationally recognized testing agency, shall be installed per the manufacturer's installation instructions.

R-1005.3.3 Modular Homes (Page 309) Insert a new sub-section as follows:

All solid fuel burning appliances installed in modular homes (factory built homes) must be an approved stove and be tested by a testing laboratory.

R-1005.3.4 Other Use Groups (Page 309) Insert a new sub-section as follows:

All solid fuel burning appliances installed in all other use groups shall be installed where permitted by appropriate section of the fire code. All solid fuel burning appliances shall be listed by a nationally recognized testing agency, shall be installed per the manufacturers installation instructions.

R-1005.3.5 Gas Piping in Fire Place (Page 309) Insert a new sub-section as follows:

When gas piping is installed in the firebox the gas logs must also be installed at the same time and operational. If the piping is removed from the firebox the hole must be repaired or the side of the firebox must be replaced according to the manufactures instructions.

R-1005.3.6 Log Lighters (Page 3309) Insert a new sub-section as follows:

Log lighters are not allowed to be installed.

Chapter 11 Energy Efficiency (Pages 311-322) Delete this Chapter in its entirety.

Chapter 12 Mechanical Administration (Page 323)

Chapter 13 General Mechanical System Requirements (Pages 325-330)

RM-1305.1.4.3 Electrical requirements (Page 326) Delete and insert the following:

A lighting fixture controlled by a switch located at the required passageway opening and a receptacle outlet shall be provided at or near the appliance location in accordance with the current NFPA 70 National Electrical Code and Chapter 38.

RM-1308 Mechanical Systems Installation (Page 329) Delete in its entirety.

Chapter 14 Heating and Cooling Equipment (Pages 331-334)

RM-1401.3 Sizing (Page 331) Delete in its entirety.

RM-1403 Heat Pump Equipment (Page 331) Delete in its entirety.

RM-1406 Radiant Heating Systems (Pages 331-332) Delete in its entirety.

RM-1411 Heating and Cooling Equipment (Page 333) Delete in its entirety.

RM-1412 Absorption Cooling Equipment (Page 334) Delete in its entirety.

RM-1413 Evaporative Cooling Equipment (Page 334) Delete in its entirety.

Chapter 15 Exhaust Systems (Pages 335-336)

RM-1506 Exhaust Ducts (Page 336) Delete in its entirety.

Chapter 16 Duct Systems (Pages 337–339) delete this entire Chapter exclusive of the following:

M-1601.3.3 Fireblocking (Page 338)

M-1601.3.7 Ducts located in garages (Page 338)

M-1601.4.1 General (Page 338)

M-1601.4.2 Materials (Page 338)

M-1601.4.3 Furnace Connections (Pages 338 – 339)

M-1601.4.4 Access (Page 339)

M-1602 Return Air (Page 339)

Chapter 19 Special Fuel Burning Equipment (351)

RM1902.4 Controls (Page 351) Delete in its entirety.

Chapter 20 Boilers and Water Heaters (Pages 353-354) Delete in its entirety except the following:

RM-2001.2 Clearance (Page 353)

RM-2005 Water Heaters (Page 322)

Chapter 21 Hydronic Piping (Pages 355-358) Delete the entire Chapter.

Chapter 23 Solar Systems (Page 329) Delete the entire Chapter.

Chapter 24 Fuel Gas (Pages 363-423)

RG-2402.3 (201.3) Terms Defined in Other Codes (Page 331) Delete and insert the following:

Where terms are not defined in this code and are defined in the current NFPA 70 National Electrical Code, International Building Code, International National Fire Code, International Mechanical Code, such terms shall have meanings ascribed to them as in those codes.

RG-2404.4 (301.8) Vibration Isolation (Page 369) Delete in its entirety.

RG-2404.6 (301.10) Wind Resistance (Page 369) Delete in its entirety.

RG-2404.7 (301.11) Flood Hazard (Page 369) Delete in its entirety.

RG-2404.8 (301.12) Seismic Resistance (Page 369) Delete in its entirety.

RG-2402.9 (301.14) Rodent Proofing (Page 369) Delete in its entirety.

RG-2407.11 (304.11) Combustion Air Ducts (Page 373) Delete in its entirety.

RG-2412 (401) General (Page 377) Delete in its entirety.

RG-2413 (402) Pipe Sizing (Page 378) Delete in its entirety.

RG-2417 (406) Inspection, Testing, and Purging (Page 391) Delete in its entirety.

RG-2427.5.5 (503.5.6) Inspection of Chimneys (Page 3399) Delete and insert the following:

Before replacing an existing appliance or connecting a vent connector to a chimney, the chimney passageway shall be examined to ascertain that it is clear and free of obstructions and it shall be cleaned if previously used for venting solid or liquid fuel burning appliances or fireplaces. Such inspection and approval shall be done by certified chimney sweep or local Gas Company.

Exception:

Existing chimneys shall be permitted to have their use continued when an appliance is replaced by an appliance of similar type, input rating and efficiency.

RG-2427.5.5.3 (503.5.6.3) Unsafe Chimneys (Page 399) Delete and insert the following:

Where inspections reveals that an existing chimney is not safe for the intended application, it shall be repaired, rebuilt, lined, relined, or replaced with a vent or chimney to conform to M1805 and Chapter 10, and it shall be suitable for the equipment to be vented or permanently sealed or removed from service.

RG-2433 (603) Log Lighters (Page 418) Delete and insert the following:

Log lighters are not allowed in the fire district.

RG-2440 (614) Sauna Heaters (Page 419) Delete in its entirety.

RG-2441 (616) Pool and Spa Heaters (Page 420) Delete in its entirety.

RG-2450 (627) Illuminating Appliances (Page 422) Delete in its entirety.

RG-2452 (630) Boilers (Pages 422-423) Delete in its entirety.

Chapter 25 Plumbing Administration (Pages 425-426) Delete this Chapter in its entirety.

Chapter 26 General Plumbing Requirements (Pages 427-430) Delete this Chapter in its entirety.

Chapter 27 Plumbing Fixtures (Pages 431-436) Delete this Chapter in its entirety.

Chapter 28 Water Heaters (Page 437) Delete this entire Chapter exclusive of the following:

RP-2801.3 Location (Page 437)

RP-2801.4 Prohibited Locations (Page 437)

Chapter 29 Water Supply and Distribution (Pages 439-451) Delete this entire Chapter exclusive of the following.

P-2902.5.4 Connections to Automatic Fire Sprinkler Systems (Page 441)

P-2902.5.4.1 Additives or Non-potable Source (Page 403)

Chapter 30 Sanitary Drainage (Page 453-461) Delete this Chapter in its entirety.

Chapter 31 Vents (Pages 463-467) Delete this Chapter in its entirety.

Chapter 32 Traps (Page 469) Delete this Chapter in its entirety.

Chapter 33 General Requirements (Pages 471–475) delete this entire Chapter exclusive of the following:

RE-3305 Equipment Location and Clearances (Pages 472 – 473)

Chapter 35 Services (Pages 481 – 489) delete this entire Chapter exclusive of the following:

RE-3501.6 Service Disconnect Required (Page 481)

RE-3504.1 Clearance on Buildings (Page 483)

RE-3504.2 Vertical clearances (Page 483)

RE-3504.2.1 Above Roofs (Page 483)

RE-3504.2.2 Vertical Clearance From Grade (Page 484)

Chapter 36 Branch Circuit and Feeder Requirements (Pages 491 – 497) delete this entire Chapter.

Chapter 37 Wiring Methods (Pages 499 – 503) delete this entire Chapter.

Chapter 38 Power Lighting and Distribution (Pages 505 –526) delete this entire Chapter exclusive of the following:

RE-3802 Ground-Fault and Arc-Fault Circuit-Interrupter Protection (Page 507)

RE-3807.4 Repairing Plaster, Drywall and Plasterboard (Page 523)

RE-3807.4 Unused Openings (Page 523)

RE-3809 Flexible Cords (Page 526)

Chapter 39 Devices and Luminaries (Pages 527 – 531) delete this entire Chapter exclusive of the following:

RE-3903.11 Luminaires in Clothes Closets (Page 529)

RE-3904.7 Combustible Low-density Cellulose Fiberboard (Page 530)

RE-3904.8 Recessed Luminaire Clearance (Page 530)

RE-3904.9 Recessed Luminaire Installation (Page 530)

Chapter 40 Appliance Installation (Pages 533 - 534) Delete this Chapter in its entirety.

Chapter 41 Swimming Pools (Page 535-544) Delete this Chapter in its entirety.

Chapter 42 Class 2 Remote- Control, Signaling and Power-Limited Circuits (Page 545-546) Delete this Chapter in its entirety.

Appendix A Sizing and Capacities of Gas Piping (Pages 567-578) Delete in its entirety.

Appendix C Exit Terminals of Mechanical Draft and Direct Vent Venting Systems (Pages 589-592) Delete in its entirety.

Appendix D Recommended Procedure for Safety Inspection of an Existing Appliance Installation (Page 591) Delete in its entirety.

Appendix E Manufactured Housing Used As Dwelling (Pages 593-600) Delete in its entirety.

Appendix F Radon Control Methods (Page 601-608) Delete in its entirety.

Appendix G Swimming Pools, Spas and Hot Tubs (Pages 609-611) Delete in its entirety.

Appendix H Patio Covers (Pages 613-614) Delete in its entirety.

Appendix I Private Sewage Disposal (Page 615) Delete in its entirety.

Appendix J Existing Buildings and Structures (Pages 617-620) Delete in its entirety.

Appendix K Sound Transmission (Page 621) Delete in its entirety.

Appendix L Permit Fees (Page 623) Delete in its entirety.

Appendix N Venting Methods (Pages 627- 634) Delete in its entirety.

Appendix O Gray Water Recycling Systems (Pages 635-639) Delete in its entirety.

Appendix P Sprinkling (Page 641) refer to section B-903.3.1 for requirements (Look at this appendix)

SECTION 4 CONFLICTING AND INCONSISTENT PORTIONS OF THE ORDINANCE

In case of conflict between any section of the designated Fire Prevention Code of the Boles Fire Protection District of Franklin County, Missouri, this ordinance, or any other ordinance of the Boles Fire Protection District of Franklin County, Missouri, the most rigid requirement(s) shall apply. Where portions of the code are inconsistent with one another, those portions are hereby revoked and repealed as of no effect.

SECTION 5 SAVINGS CLAUSE

Nothing in this ordinance hereby adopted shall be construed to affect any pending proceeding or suit in any court, or any rights acquired, or liability incurred, or any cause of action acquired or existing, under any act or ordinance hereby repealed, if any; nor shall any just or equitable or legal right or remedy of any character be lost, impaired or affected by this ordinance.

SECTION 6 SEVERABILITY

If any section, subsection, sentence, clause, phrase, or portion of this ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such section, sub-section, sentence, clause, phase or portion of this ordinance shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining section, subsection, sentence, clause, phrase, or portion of this ordinance.

SECTION 7 EMERGENCY ENACTMENT

It being deemed that the situation intended to be met by this ordinance constitutes an emergency directly affecting the lives, safety, and health of the inhabitants of the area encompassed by this ordinance, and the protection of property within those areas, this **ordinance shall take effect and be in full force and effect immediately from and after the enactment of same.** This ordinance having been duly considered and voted upon by the board of directors of the **Boles Fire Protection District** of Franklin County, Missouri, the ordinance is enacted as an ordinance of the **Boles Fire Protection District** of this 8th day of February, 2007.

August R. Holthaus, CHAIRMAN
BOARD OF DIRECTORS

ATTEST:

Michael F. Casey Jr., SECRETARY/TREASURER

BOARD OF DIRECTORS

(SEAL)

APPROVED:

August R. Holthaus, Chairman

Lloyd Harfst, Vice-Chairman

Michael F. Casey Jr. Secretary/Treasurer