

**ORDINANCE NO. 116**

AN ORDINANCE CODIFYING AND ESTABLISHING MINIMUM REGULATIONS GOVERNING THE DESIGN, CONSTRUCTION, ENLARGEMENT, ALTERATION, REPAIR, MAINTENANCE AND USE OF ALL BUILDINGS AND STRUCTURES: PROVIDING FOR THE ISSUANCE OF PERMITS, COLLECTION OF FEES, MAKING OF INSPECTIONS; PROVIDING PENALTIES FOR THE VIOLATION THEREOF: KNOWN AS **THE FIRE PREVENTION CODE OF THE METRO WEST FIRE PROTECTION DISTRICT OF ST. LOUIS COUNTY**; AND REPEALING EXISTING ORDINANCE NUMBER 113 OF THE METRO WEST FIRE PROTECTION DISTRICT OF ST. LOUIS COUNTY, STATE OF MISSOURI, AS FOLLOWS:

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WHEREAS, the Board of Directors believe it is in the best interest of the Metro West Fire Protection District to amend and re-codify the Fire Prevention Code, and to adopt a more consistent fee schedule for permits and inspections by the Fire Marshal's Office.

WHEREAS, the Board of Directors of the Metro West Fire Protection District believe it is in the best interest to adopt standards for the changing of fees for permits and inspections.

WHEREAS, the Board hereby believes it is in the best interest to adopt a standard for fees for permits and inspections. The Bureau of Fire Prevention shall follow the construction cost to establish the permit and inspection fee.

BE IT ORDAINED BY THE BOARD OF DIRECTORS OF THE METRO WEST FIRE PROTECTION DISTRICT AS FOLLOWS:

SECTION 1.           INCONSISTENT ORDINANCE REPEALED.

That Ordinance Number 113 of the Metro West Fire Protection District is hereby repealed in their entirety and a new Ordinance No.116 is hereby enacted.

SECTION 2.           ADOPTION OF THE FIRE PREVENTION CODE:

That a certain document, three(3) copies of which are on file in the Office of the Bureau of Fire Prevention of the Metro West Fire Protection District of St. Louis, Missouri, being marked and designated as "International Building Code 2015" "International Fire Code 2015 as published by the International Code Council, Inc. and is hereby adopted as the **Fire Prevention Code of the Metro West Fire Protection District of St. Louis County**, in the State of Missouri; for the control of buildings and structures as herein provide; and

each and all regulations, provisions, penalties, conditions and terms of said International Code Council, Inc. are hereby referred to, adopted and made part hereof as if fully set out in this Ordinance, with the additions, insertions, deletions, and changes, if any, prescribed in Section # 3, 4 of this Ordinance.

SECTION 3. ADDITIONS, INSERTIONS and CHANGES:

**CHAPTER 1**

The following sections are hereby revised as follows:

**101.1 (pg 1) TITLE:** Insert Metro West Fire Protection District.

**103.1 (pg 2) CREATION OF ENFORCEMENT AGENCY:** Delete the Words “The Department of Building Safety” and insert “Bureau of Fire Prevention” and delete the words “Building Official” and insert “Fire Marshal”.

**104.10.1 (pg 3) FLOOD HAZARD AREAS:** Delete in its entirety.

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 Fire Marshal.

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

**104.13 Rule-making authority:** The Fire Marshal 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 107.1 (page 5) delete in it’s 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. Construction documents shall be PDF and DWG format.

**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 6) 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.

**109.2 (pg 7) Schedule of permit fees.** Delete in its entirety and add a new section

109.2 SCHEDULE OF PERMIT FEES: Fees for permits shall be:

**A. COMMERCIAL PERMITS:**

**New Construction,** \$100.00 plans review/processing fee plus \$3.00 for each \$1000.00 of estimated construction cost.

**Commercial Remodel,** \$ 100.00 plan/processing fee plus \$3.00 for each \$1000.00 of estimated construction cost.

**Commercial Interior Finish-** One Hundred (\$100.00) plan/processing fee plus \$3.00 for each \$1000.00 of estimated construction cost.

**Commercial Addition-** One Hundred (\$100.00) plan/processing fee plus \$3.00 for each \$1000.00 of estimated construction cost.

Commercial permits include all buildings and structures, equipment and systems. **Cross-out section replaced by Ordinance 118 Corrected January 30, 2018**

**B. ~~CERTIFICATE OF COMPLIANCE:~~**

~~There shall be a fee for the issuance of a Certificate of Compliance for residential occupancy. The fee shall not exceed the sum of seventy-five dollars (\$100.00) for a single-family structure and the sum of thirty-five (\$35.00) for a multi-family structure unit, apartment or condominium within a mutli-family structure.~~

**C. ADDITIONS FEES:**

**Commercial Re-Occupancy Permits:** Fifty Dollars (\$50.00).

**Demolition Permits:** One Hundred Fifty Dollars (\$150.00).

**Burn Permit:** One Hundred Fifty Dollars (\$150.00).

**Blasting:** One Hundred Fifty Dollars (\$150.00).

**Fireworks Permit:** One Hundred Fifty Dollars (\$150.00).

**Re-Inspections Fees:** Fifty Dollars (\$50.00).

**New Site Plan Review:** One Hundred Dollars (\$100.00)

**Certificate of Compliance Re-Inspection Fee:** Thirty Five Dollars (\$35.00).

**Returned Checks:** Twenty-Five Dollars (\$25.00).

**Variance Filing Fee:** One Hundred Dollars (\$100.00)

**Sprinkler System:** One Hundred Dollars (\$100.00) plans/processing fee plus \$3.00 for each \$1000.00 of estimated construction cost.

**Fire Alarm System:** One Hundred Dollars (\$100.00) plans/processing fee plus \$3.00 for each \$1000.00 of estimated construction cost.

**Range Hood Suppression System:** One Hundred Dollars (\$100.00) plans/processing fee plus \$3.00 for each \$1000.00 of estimated construction cost.

**Fire Suppression System:** One Hundred Dollars (\$100.00) plans/processing fee plus \$3.00 for each \$1000.00 of estimated construction cost.

**Commercial Miscellaneous Permits:** One Hundred Dollars (\$100.00) plans/processing fee plus \$3.00 for each \$1000.00 of estimated construction cost.

**Solar Photovoltaic Power Systems:** One Hundred Dollars (\$100.00) plans/processing fee plus \$3.00 for each \$1000.00 of estimated construction cost.

SECTION 110.3.1 (page 8) delete in its entirety. Insert:

**110.3.1 Inspection required and inspection placard:** When work 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 inspection, and if all requirements of the building structure, the Fire Marshal or his authorized representative will make his final inspection, and if all requirements of the Building Code are met, he will remove the job inspection card.

SECTION 109.3.2 (page 8) delete in its entirety. Insert:

**109.3.2 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 Fire Marshal 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 on any part of a building or structure shall not be covered or concealed in any manner without first obtaining the approval of the Fire Marshal. The Fire Marshal, upon

notification from the permit holder or his agent, in accordance with rules of procedure posted in the office of the Fire Marshal, and described on the permit placard, shall make the following inspections and shall wither approved 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 is as contained in Sections 110.3.2.1 and 110.3.2.2.

SECTION 110.3.2.1 (page 8) adds 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 Fire Marshal.

SECTION 110.3.2.2 (page 8) adds a new Section. Insert:

**110.3.2.2 Supplemental inspections:** In addition to the required inspections herein before specified, the Fire Marshal may make other inspections which in his judgment are reasonably necessary due to unusual construction or circumstances. The Fire Marshal 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 8) delete in its entirety.

SECTION 110.3.4 (page 8) delete in its entirety.

SECTION 110.3.5 (page 8) delete in its entirety.

SECTION 110.3.7 (page 8) 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 Fire Marshal 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 9) 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 114.4

SECTION 111.5.1 (page 9) adds a new Section. Insert:

**111.5.1 Fee required:** The fee for a Certificate of Occupancy shall be as stated in this Code.

SECTION 113.1 through 113.3 (page 9) delete in its entirety. Insert:

**113.1 Appeals:** Any person aggrieved or injured by any determination, order, or decision of the Fire Marshall, or the Bureau of Fire Prevention of the Metro West Fire Protection District of St. Louis County Missouri, under the Fire Prevention Code of the Metro West Fire Protection District of St. Louis County Missouri, or supplemental Building Code of the District, may appeal the same to the Board of Directors of the Fire District, but no later than within ten (10) days after the making of such order, determination, or decision, or the giving of notice thereof by the Fire Marshal or Bureau of Fire Prevention, where such giving of notice is required, whichever date is later. Such appeal shall be in writing, addressed to the Board of Directors of the Metro West Fire Protection District of St. Louis County, Missouri, and shall state the order, determination, or decision of the Fire Marshal or Bureau of Fire Prevention which is appealed from and the reasons of the appellant for disagreement therewith and the facts of the situation relevant thereto. However, no such appeal shall be required to be in any particular form or style of technical pleading. No such appeal shall stay the order, decision, or determination of the Fire Marshal or Bureau of Fire Prevention, unless the Chairman of the Metro West Fire Protection District Board of Directors shall so direct the Fire Marshal or Bureau of Fire Prevention, by written notice after receipt of such appeal. The Board of Directors, on receipt of such an appeal, shall fix a time, not more than thirty (30) days later, and a place at which such appeal shall be heard. At such hearing, the appellant shall be permitted to produce proof of why his or her appeal should be granted. Such hearing shall be informal and shall not be bound by the formal rules of evidence adhered to in courts. At such hearing, the appellant may appear in person, or by agent or attorney. At such hearing, the Board of Directors may request such further information, either from the appellant or from the Fire Marshal or Bureau of Fire Prevention, or from other members of the staff of the Fire Protection District, as the Board of Directors may consider appropriate to the matter. After the

conclusion of such hearing, the Board of Directors may decide the questions forthwith by majority vote of the Directors, or the Board of Directors may take the matter under advisement to be decided by majority vote of the Board at such other time, not later than twenty (20) days after such hearing, as the Board may determine. The decision of the Board of Directors shall be entered in the minutes of the Board, in the form of a resolution, and may approve or disapprove the matter appealed. If such decision is made at the time of the hearing, then the Board of Directors shall notify the appellant, or his or her agent or attorney who appeared at the hearing, in writing, of such decision promptly after the making thereof.

SECTION 114.4 (page 10) delete in its entirety. Insert:

**114.4 Violation, penalties:** Any person, corporation or other organization which in any manner violates any of the provisions of this Ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished therefore by a fine of not less than five dollars (\$5.00) and not exceeding one thousand dollars (\$1000.00), or by imprisonment for a period not to exceed one (1) year, or both and such fine and imprisonment for each day that each violations continues to exist. The imposition of any such penalty for any such violation shall not excuse the same, nor permit the continuance thereof, nor prevent the Fire Protection District or Bureau of Fire Prevention from taking such other action as may be appropriate and as may be permitted by law in connection therewith.

SECTION 114.5 (page 10) 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 (page10) add a new section. Insert:

**114.6 Civil action:** Notwithstanding the provisions hereof, the Fire Marshal, 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.

Section 115.0 (page 10) delete in its entirety.

## **CHAPTER 2**



SECTION 202 (pages 11-39) Insert:

All words and phrases and their definitions as set out in Article 2 of the “*IBC, International Building Code, 2015 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 4

SECTION 402.4.2.1.1 (page54) add a new section. Insert:

**402.4.2.1.1 Tenant separations:** Each tenant space shall be separated from other tenant spaces by a *fire barrier* having a fireresistance rating of not less than 1 hour. The *fire barrier* shall extend from the top of the fire resistance rated floor/ceiling below to the underside of the floor or roof slab or deck above and shall be securely attached thereto. These walls shall be continuous through all concealed spaces such as the space above a suspended ceiling. A wall is not required between any tenant spaces in a mall, except for occupancy separations required elsewhere in this code.

## CHAPTER 9

SECTION 903.5.1 (page 216) adds 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 216) adds 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 system*. 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 (page216) 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 216) adds 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 216) adds 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. Observation 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 also 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 charged and placed in the normal "set" condition.

SECTION 912.3.4 (page 245) adds 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 917.0 (page 248) add a new Section. Insert:

### **SECTION 917.0 Fire Hydrants**

SECTION 917.1 (page 238) add a new Section. Insert:

**917.1 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 Fire Marshal of the Metro West Fire Protection District a plot of the aforesaid subdivision, indicating the proposed installation of the fire hydrants within such subdivision, approved by the Fire Marshal.

SECTION 917.2 (page 238) add a new Section. Insert:

**917.2 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 Fire Marshal 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 Fire Marshal, 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 Fire Marshal.

SECTION 917.3 (page 248) add a new Section. Insert:

**917.3 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 Fire Marshal.

SECTION 917.4 (page 248) add a new Section. Insert:

**917.4 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.

SECTION 917.5 (page 248) add a new Section. Insert:

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

SECTION 917.6 (page 248) add a new Section. Insert:

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

SECTION 917.6.1 (page 248) adds a new Section. Insert:

**917.6.1 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.

SECTION 917.6.1.1 (page 248) adds a new Section. Insert:

**917.6.1.1 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.

SECTION 917.6.2 (page 248) adds a new Section. Insert:

**917.6.2 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.

SECTION 917.6.2.1 (page 248) adds a new Section. Insert:

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

SECTION 917.6.3 (page248) adds a new Section. Insert:

**917.6.3 Other use group's 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.

SECTION 917.6.4 (page248) adds a new Section. Insert:

**917.6.4 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.

SECTION 917.6.5 (page248) adds a new Section. Insert:

**917.6.5 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.

SECTION 917.6.6 (page 248) adds a new Section. Insert:

**917.6.6 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 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 912.6.1 through and including Section 92.6.4.

SECTION 917.6.6 (page248) adds a new Section. Insert:

**917.6.6.1 Water main contingent:** For all new developments and/or new homes, and/or refurbished homes which require an additional occupancy permit, in the event that Missouri American Water Company is contingent or adjacent to real property or within six hundred (600) feet of any present water main, water line or water extension, fire hydrants must be installed in accordance with the other provisions of this ordinance in order to assure proper fire protection within said development, subdivision, home or commercial establishment.

SECTION 917.6.7 (page 248) adds a new Section. Insert:

**917.6.7 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.

SECTION 917.6.8 (page 248) adds a new Section. Insert:

**917.6.8 Unacceptable locations for fire hydrants:** Fire hydrants shall not be permitted in the locations indicated in Section 912.6.8.1

SECTION 916.6.8.1 (page 248) adds a new Section. Insert:

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

SECTION 916.6.9 (page 248) adds a new Section. Insert:

**917.6.9 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.

SECTION 916.7 (page 248) add a new Section. Insert:

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

SECTION 917.7.1 (page 248) adds a new Section. Insert:

**917.7.1 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.

SECTION 917.7.2 (page 248) adds a new Section. Insert:

**917.7.2 Fire hydrant connection heights:** 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.

SECTION 917.7.3 (page248) adds a new Section. Insert:

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

SECTION 917.8 (page248) add a new Section. Insert:

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

SECTION 917.9 (page 248) add a new Section. Insert:

**917.9 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:

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

SECTION 916.10 (page 248) add a new Section. Insert:

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

SECTION 917.11 (page 248) add a new Section. Insert:

**917.11 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.

SECTION 917.12 (page 248) add a new Section. Inset:

**917.12 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

SECTION 916.13 (page 248) add a new Section. Inset:

**917.13 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.

SECTION 917.14 (page 248) add a new Section. Inset:

**917.14 Building permits:** The Fire Marshal 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 guarantee, or to permit assess, 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 the fire hydrant installations, where such person shall prove to the satisfaction of the Board of Directors that there is no water supply reasonable available for the installation of hydrants.

**CHAPTER 11** (page 295-310) delete this entire Chapter exclusive of the following:

**1102.0 Definitions** (page 295)

**CHAPTER 12** (page 311-316) deletes this entire Chapter exclusive of the following:

**1201 General** (page 311)

**1202 Definitions** (page 311)

**1205.4 Stairway illumination** (page 314)  
**1205.4.1 Controls** (page 314)  
**1205.5 Emergency egress lighting** (page 314)  
**1206 Yards or Courts** (page 314)  
**1209 Access to Unoccupied Spaces** (page 315)

**CHAPTER 13** (page 317) delete this Chapter in its entirety.

**CHAPTER 14** (page 319-331)

SECTION 1403.2 (page 319), delete in its entirety.

SECTION 1403.3 (page 320), delete in its entirety.

SECTION 1403.5 (page 320), delete in its entirety.

SECTION 1403.6 (page 320), delete in its entirety.

SECTION 1403.7 (page 320), delete in its entirety.

**CHAPTER 15** (page 333-351) deletes all Sections exclusive of the following:

**1501 General:** (page 333)  
**1502 Definitions** (page 333)  
**1505 Fire classification** (page 335-336)  
**1507 Requirements for Roof Coverings** (page 336-348)  
**1508 Roof insulation** (page 348)  
**1509 Rooftop Structures** (page 348)

**CHAPTER 16** (pages 353-401) delete in its entirety.

**CHAPTER 17** (page-403-416) deletes all Sections exclusive of the following:

**1701 General** (page 403)  
**1702 Definitions** (page 403)  
**1703 Approvals** (page 403-404)  
**1704.1 General** (page 404)  
**1704.2.3 Statement of special inspections** (page 404)  
**1704.2.4 Report requirement** (page 405)  
**1707 Alternative test procedure:** (page 414)

**CHAPTER 18** (page 417-446) delete in its entirety.

**CHAPTER 19** (page 447-452) deletes all Sections exclusive of the following:

**1902 Definitions** (page 447)



**CHAPTER 20** (page 453) delete in its entirety.

**CHAPTER 21**(page 455-4467) deletes all Sections exclusive of the following.

- 2102 Definitions** (pages 455-456)
- 2103 Masonry Construction Materials** (pages 456-457)
- 2111 Masonry Fireplaces** (pages 460-462)
- 2112 Masonry Heaters** (page 462-463)
- 2113 Masonry Chimneys** (pages 463-467)

**CHAPTER 22**(page 469-472) deletes all Sections exclusive of the following:

- 2202 Definitions** (page 469)

**CHAPTER 23** (page 473-490) deletes all Sections exclusive of the following:

- 2302 Definitions** (page 473)
- 2303.2 Fire-retardant treated wood** (page 475)
- 2303.2.4 Labeling** (pages 475)
- 2303.2.6 Exposure to weather, damp or wet locations** (page 476)
- 2303.2.7 Interior applications** (page 476)
- 2303.2.9 Type I and II construction applications** (page 476)
- 2304.10.5.4 Fasteners in preservative-treated and fire-retardant-treated wood** (page 482)

**CHAPTER 24** (page 541-548) deletes all Sections exclusive of the following:

- 2405.4 Framing** (page 543)
- 2406.5 Fire department access panels** (page 546)
- 2407 Glass in handrails and Guards** (page 546)

**CHAPTER 25** (page 549-554) deletes all Sections exclusive of the following:

- 2501.1 General** (page 549)
- 2502 Definitions** (page 549)
- 2506.2 Standards** (page 549)
- Table 2508.1** (page 551)

**CHAPTER 29** (Pages 571-574) delete in its entirety.

**CHAPTER 30** (page 575-582)

SECTION 3002.4 (page 575), delete the word **four** and replace with the word **two**.

**CHAPTER 31**(page 583-588)

SECTION 3107 (page 586), delete in its entirety.

SECTION 3108 (page 586), delete in its entirety.

SECTION 3109 (pages 587-588), delete in its entirety.

**CHAPTER 32** (page 589) deletes all Sections exclusive of the following:

**3202.1.3 Areaways** (page 589)

**3202.2 Encroachments above grade and below 8 feet in height** (page 589)

**3202.3 Encroachments 8 feet or more above grade** (page 589)

**3202.4 Temporary encroachments** (page 589)

**CHAPTER 33** (page 591-594) deletes all Sections exclusive of the following:

**3301.2 Storage and placement** (page 591)

**3302.1 Remodeling and additions** (page 591)

**3303.3 Means of egress** (page 591)

**3308.1.1 Obstructions** (page 593)

**3309 Fire Extinguishers** (page 593)

**3310 Exits** (page 593)

**3311 Standpipes** (page 593)

**3312 Automatic Sprinkler systems** (page 594)

#### SECTION 4. AMENDMENTS TO THE INTERNATIONAL FIRE CODE 2015 EDITION.

**Chapter 1 International Fire Code:** The following shall be added to, inserted, delete, or changed in the **International Fire Code, 2015 Edition**, as follows.

SECTION F-101.1 Title (page 1) Delete in its entirety. Insert:

**F-101.1 Title** These regulations shall be known as the **Fire Prevention Code of the Metro West Fire Protection District of St. Louis County**, hereinafter referred to as “this Code”

SECTION F-106 (page 12) adds new Section.

**F-106.5 Certificate of Compliance:**

The Fire Marshal shall inspect all residential structures and multi-family units, apartments or condominiums within a multi-family structure. The inspection shall be performed at time of change of ownership, or tenant change. Upon completion of an inspection compliant to the code, a Certificate

of Compliance will be issued. The Certificate of Compliance shall be issued for a period of twelve months.

**F-106.6 Transfer of Ownership:**

It shall be unlawful for the owner of any dwelling unit or structure who had received a compliance order or upon whom a notice of violation has been served to sell, transfer, mortgage, lease or otherwise dispose of to another until the provisions of the compliance order or notice of violation have been complied with, or until such owner shall first furnish the grantee, transferee, mortgagee or lessee a true copy of any compliance order or notice of violation issued by the Fire Marshal and shall furnish to the Fire Marshal a signed and notarized statement from the grantee, transferee, mortgagee or lessee, acknowledging the receipt of such compliance order or notice of violation and fully accepting the responsibility without condition for making the corrections or repairs required by such compliance order or notice of violation.

**F-106.7 Legal Action:**

In the event that the owner of any dwelling unit or structure fails to comply with the above sections, said owner shall be subject to the Metro West Fire Protection District filing a restraining order or any action in court by nature of an injunction against said owner. Failure to comply with sections set forth herein.

SECTION F-108 Board of Appeals (page 13) deletes in it's entirely. Insert:

**F-108 Board of Appeals** refer to Section 113.1 Appeals (page 7) of ordinance 113.

SECTION F-109 Violations (page 13) delete in it's entirely. Insert:

**F-109 Violations** refer to Section 114.4 (page8) of ordinance 113.

**Chapter 3 General Requirements**

SECTION F-307 Open Burning and Recreational Fires (page 50-51) delete in it's entirely. Insert:

**F-307 Open Burning and Recreational Fires**

**F-307.1 General:**

A person shall not kindle or maintain or authorize to kindle or maintain any open burning unless conducted and approved in accordance with this section.

**F-307.2 Definitions:**

As used herein, the following words and terms shall have the meaning stated below:

**Air Curtain Destructor:**

Special equipment used to burn large amounts of brush with little or no air pollution. The term Air Curtain Destructor is abbreviated in the code as “ACD”

**Open Burning:**

The burning of any materials wherein products of combustion are, emitted directly into the ambient air without passing through a stack or chimney from an enclosed chamber.

For the purpose of this definition, a chamber shall be regarded as enclosed, when, during the time of combustion only, apertures, ducts, stacks, flues, or chimneys necessary to provide combustion air and permit the escape of exhaust gas are open.

**F-307.3 Allowable Burning:**

Open burning shall be permitted without prior notification to the Fire Marshal’s Office for highway safety flares, smudge pots, similar occupational requirements, barbecuing, and like activities. Recreational fires which meet the requirements of Section F-307.5 and Section F-307.11 shall be permitted with prior notification to the Bureau of Fire Prevention of the Metro West Fire Protection District.

**F-307.4 Permit Required:**

Open burning shall be permitted, upon obtaining a burning permit from the Fire Marshal’s Office, for Air Curtain Destructors (ACD).

**F-307.4.1 Application for Burning Permit:**

Applications for burning permits shall contain information regarding the name of person responsible for burning, address, and location of burning, telephone number, date the permits expire, authorized signature and signature of responsible party. Application for an ACD permit must be accompanied with a permit from the **Saint Louis County Health**.

**F-307.4.2 Authorization:**

Where required by state law or regulation, open burning shall only be permitted with prior approval from the state or local air and water

quality management authority, provided that all conditions specified in the authorization are followed.

**F-307.5 Open Burning Prohibited:**

The Fire Marshal shall prohibit open burning that will be offensive or objectionable due to smoke or odor emissions when atmospheric conditions or local circumstances make such fires hazardous. The Fire Marshal may order the extinguishment, by the permit holder, of any open burning when the wind speed is 15 miles per hour or higher, when the humidity is 50 percent or lower or when the burning creates or adds to a hazardous or unsafe situation.

**F-307.6 Permit Fees:**

Refer to fee schedule (page 4) of ordinance 113.

**F-307.7 Location:**

The location for any open burning shall not be less than fifty (50) feet from a structure and provisions shall be made to prevent the fire from spreading to within (50) feet of a structure. Fires in approved container shall be permitted, provided that such fires are not less than fifty (50) feet from any structure.

**F-307.8 Materials:**

Open burning shall not be utilized for waste disposal purposes, or for the following materials; household trash, rubber, tires, shingles, vinyl siding, treated lumber, leaves. The fuel shall be chosen to minimize the generation of air contaminants.

**F-307.9 Attendance:**

Any open burning shall be constantly attended until the fire is extinguished. A minimum of one (1) portable fire extinguisher with a minimum 4-A rating, Two (2) portable fire extinguishers with a minimum of 2-A rating each, or other approved on site fire extinguishing equipment, such as dirt, sand, water barrel, garden hose, or water truck, shall be available for immediate utilization in the event of an emergency.

**F-307.10 Season:**

The burning season shall be regulated by the Department of Natural Resources (DNR). Burning season can be extended only if approved by the Department of Natural Resources (DNR).

**F-307.11 Recreational fire size:**

Unless approved by the Fire Marshal, a fire shall not be more than four (4) feet by four (4) feet by four (4) feet in height.

**F-307.11.1 Location:**

The location for any recreational fire shall not be less than twenty five (25) feet from a structure, and provisions shall be made to prevent the fire from spreading to within twenty five (25) feet of a structure. Fires

in approved containers shall be permitted, provided that such fires are not less than twenty five (25) feet from any structure.

**F-307.11.2 Material:**

Fuel for a fire shall consist only of untreated wood and shall be ignited with a small quantity of paper. The fire shall not be utilized for waste disposal purposes.

**F-307.11.3 Permit:**

There shall be permit issue for all recreational fires. There is no permit fee.

**F.307.12 Permits:**

Before a permit can be issued for an ACD a copy of the permit must be submitted from the Department of Natural Resources. The area will be inspected by the Fire Marshal's office after a permit through the Fire Marshal's office as been submitted, to check the materials being burned and the distance to other structures. All rules noted on the permit must be followed along with the regulations issued by the Department of Natural Resources.

The material being burned shall be loaded into the pit below the airflow. The Fire Marshal's office shall inspect the location of each pit before any burning may occur. Violations found may cause the permit to be revoked until violations are corrected.

In the event that the ACD has been relocated, the ACD location must be re-inspected further burning operations shall be allowed to be conducted.

**F-307.12.3 Materials:**

Air curtain destructors (ACD) shall not be utilized for waste disposal purposes, or for the following material: household trash, rubber, tires, shingles, vinyl siding, treated lumber or other material determined by the Fire Marshal.

**F-307.13.4 Portable Outdoor Fireplaces:**

Portable outdoor fireplaces shall be used in accordance with the manufacturer's instructions and shall not be operated within 15 feet (3048 mm) of a structure or combustible material.

**F-307.13.5 Closing of Burn Pit:**

At 4:00 PM the burn pit must be extinguished until smoke is no longer visible.

**Chapter 4 Emergency Planning and Preparedness**

**F-408.1 Faulty Alarms.** Add a new Section.

**F-408.1 Definitions:**

**Alarm Systems:** Any mechanical or electrical device which is designed to be actuated manually or automatically upon the detection of fire or smoke in the protected building, structure, facility, or premises through the emission of a sound or transmission of a signal.

**False Alarm:** Any activation of an alarm system intentionally or by inadvertence, negligence, or unintentional act to which the District responds, including activation caused by the malfunction of the alarm system, except that the following shall not be considered false alarms.

- A. When the Fire Marshal determines that the alarm has been caused by the malfunction of the indicators at the alarm dispatching agency;
- B. When the Fire Marshal determines that the alarm had been caused by damage, testing or repair of the telephone equipment or lines by the telephone company, provided that such incidents are promptly reported to the telephone company;
- C. When an alarm is intentionally caused by an occupant or resident acting under a reasonable belief that a need exists to call the District.

**F-408.2 Condition:**

No person, corporation, firm or other entity owning or occupying any premises within the boundaries of the District, in or on which premises is installed an automatic fire alarm, fire detection or sprinkler system shall transmit false alarms to any alarm dispatching agency.

**F-408.2.1 Tampering:**

It shall be unlawful for any owner or occupant to reduce the effectiveness of the protection so required or so installed, except that the owner or occupant may temporarily reduce or discontinue the protection where necessary to make test, repairs, alterations, or additions. The Fire Marshal shall be notified before such test; repairs, alterations, or additions are to be effected and upon completion shall be advised of the extent of any such work for additional requirements.

**F-408.3 System in Disrepair:**

Should any such alarm system transmit any false alarm to the District, either directly or through a central dispatching agency, or should inspection of any such system by any officer of the District reveal a condition such that the system is likely to transmit a false alarm, the owner or occupant of the premises shall take such remedial action as necessary, and shall make or cause to be made such adjustments and repairs to the alarm system as the Fire marshal shall order. An order by the Fire Marshal shall be completed within twenty four (24) hours after such order has been given.

**F-408.4 Service Charges:**

All false alarms to which the Metro West Fire Protection District responds shall result in the following service charges to the alarm system's owner or occupant:

**F-408.4.1 First False Alarm:**

A warning for the first alarm in any calendar year.

**F-408.4.2 Second False Alarm:**

Twenty five dollars (\$25.00) service charge for the second false alarm in any calendar year.

**F-408.4.3 All False Alarms after the Second Occurrence:**

Fifty dollars (\$50.00) service charge for the third and any subsequent false alarm in any calendar year.

**F-408.5 Payment:**

Upon determination by the Fire Marshal that a false alarm has occurred, the District shall send a notice to the alarm user of the determination and directing the payment of the appropriate service charge within thirty (30) days.

**F-408.5.1 Cancellation:**

The District may cancel any notice or service charge upon satisfactory proof by the alarm user that a particular alarm falls within the exceptions enumerated in the foregoing sections.

**F-408.5.2 Refusal:**

Willful refusal to pay any such charge within thirty (30) days following notice shall constitute a violation of this Ordinance.

**F-408.6 12 Month, No False Alarm:**

If the owner or occupant of a building continues through a twelve (12) month period without a faulty or false alarm, they shall begin at a new faulty or false alarm signal period.



**F-408.7 New System:**

Newly installed systems shall be given sixty days (60) to correct any problems that may activate a faulty or false alarm signal.

**CHAPTER 5 Fire Service Features**

Cross-out section replaced by Ordinance 119

Corrected June 12, 2018

**F-503.3.1 Parking on Fire Apparatus Access Roads** (page 69) adds a new Section:

~~Parking on fire apparatus access roads shall be allowed as follows:~~

- ~~1. On fire apparatus roads less than 20 feet 0 inches in width. Parking is not allowed on either side of the street.~~
- ~~2. Fire apparatus roads 20 feet 1 inch to 32 feet in width parking on one side of the street.~~
- ~~3. Parking allowed on both sides on fire apparatus roads 32 feet 1 inch or greater in width.~~
- ~~4. Fire apparatus roads and driveways exceeding five hundred (500) feet in length shall provide at least one (1) passing and/or staging area at a location approved by the Fire Marshal. Said area shall be a minimum of twenty (20) feet in width and fifty (50) feet in length. For every additional one thousand (1000) feet of road/driveway from the five hundred (500) feet passing area there shall be an additional passing area.~~

**F-503.3.2 Signs:** (page 69) add a new Section:

~~Where required by the Fire Marshal, apparatus access roads (fire lanes) shall be marked with permanent signs stating “**NO PARKING-FIRE LANE**” and complying with figure D103.6 or other D.O.T. approved No Parking Fire Lane signs. Signs shall have a minimum dimension of 12 inches wide by 18 inches high and have red letters on a white reflective background. Signs shall be posted and maintained by the property owner or subdivision-governing body on the fire apparatus road (fire lane) as required in the following:~~

- ~~1. Signs are required on both sides of the street on fire apparatus roads less than 20 feet 0 inches in width.~~
- ~~2. Signs are required on one side of the street on fire apparatus roads 20 feet 1 inch to 32 feet in width.~~
- ~~3. Signs are not required on fire apparatus road 32 feet 1 inch or greater in width.~~

**F-503.3.2 Location of Signs:** (page 69) add a new Section.

No parking-fire lane signs shall be the responsibility of the property owner or subdivision governing body and shall be located as follows:

1. On the side property line or in the road easement as approved by the Fire marshal.
2. Three hundred feet (300) spacing between signs or as directed by the Fire Marshal.
3. Signs must face toward the traffic. Where the signs are required to change the side of the street there posted on, as required by the Fire Marshal, signs with arrows shall be added showing the starting and stopping of the fire lane.
4. Signs shall be located on the side of the street that fire hydrants are located.

**F-503.3.3 Sign Maintenance:** (page 69) add a new Section.

All fire lanes signs and markings shall be maintained in a clear and legible condition. This shall be the responsibility of the property owner and/or owners and/or subdivision governing body.

**F-503.5 Require gates and barricades:** (page 70) delete in it's entirety:  
Insert.

**F-503.5 Gates and Barricades:**

**F-503.5.1 Street Obstructions:** A person or persons shall not erect, construct, place or maintain any bumps, humps, fences, gates, chains, bars, pipes, wood or metal horse or any other type of obstruction in or on any street within the Metro West Fire Protection District.

**F-503.5.2 Gates:** Gates meeting the requirements of F-503.2 may be installed if first approved by the Fire Marshal of the Metro West Fire Protection District upon application by the owner, developer or subdivision governing body, if the Fire Marshal finds:

1. That a development within the District desires to have a gated community and files its plan with the Fire Marshal of the District.
2. That the gate to be erected is at least 60 feet back from the edge of the cross street from which access of the road is accessed from the gate.

3. That the developer and/or Board of Trustees Successors and Assigns of the subdivision install a “rapid entry” key operated switch through the Knox Box System, known as rapid entry system, system must be approved by the Metro West Fire District.
4. All developers or Trustees shall install a Lock-Box of adequate size so that all keys needed to gain access to the exterior and interior designated area (such areas designated for common use and/or all service equipment areas) shall be accessible at all times to the Fire District. Owners’ shall clearly mark all keys within the Lock-Box and shall indicate doors to which such key belong. All tags, marking systems, location and size of Lock-Box shall be at the discretion of and with the approval of the Fire Marshal.
5. The Developer or Trustee of said development shall install the Lock-Box System according to the manufacturer’s recommendations and directions, and at the direction and approval of the Fire Marshal.
6. The cost of Purchase, Installation and Maintenance of the Lock-Box security system shall be the responsibility of the Developer and/or Trust of the subdivision.
7. That the gate shall have installed a power failure override and spring design system that will open the gates in the event of an electric power failure and/or pull pin system.
8. That the Developer and/or Board of Trustees of the subdivision shall agree to keep the gates open at all times during inclement weather.
9. That the Developer or Board of Trustees of the subdivision agree to incorporate and adopt in their Indenture of Subdivision Restrictions, a provision accepted by the Metro West Fire Protection District, its agents and employees, harmless from any and all liability as a result of any increased response time as a direct result of the gated community and the system set forth herein, or damage to gates in the answering of an emergency call and the maintenance and cost of repair of the gates and supplies shall be the sole cost of the subdivision.
10. To provide a means to manually release the gate from the electronically operated mechanism.

11. All Trustees and/or Property Management shall notify the Metro West Fire Protection District of any change in the Trustees or Property management Company.

**F-503.7 Street:**

**F-503.7.1 Dedicated Street:** Any street, road, highway, or public thoroughfare dedicated to the State, County, City or Municipality.

**F-503.7.2 Private Street:** Any street, road, highway, or public thoroughfare not dedicated to the State, County, City or Municipality.

~~**F-503.7.3 Street Widths and Weights:** All streets with parking on one or both sides shall have a minimum total width of twenty-six (26) feet measured from back of curb to back of the opposite curb. Streets with parking permitted on both sides shall have a minimum clear width of fourteen (14) feet. Streets with parking permitted on only one side shall be a minimum total width of twenty-six (26) feet and shall maintain a minimum clear width of twenty (20) feet. Street with no parking permitted on either side shall be permitted to have twenty (20) feet minimum width measured from back of curb to back of the opposite curb and shall maintain the required twenty (20) feet minimum clear width. Clear width is defined as unobstructed roadway with no parking or other obstructions within the required clear path of travel width. All streets shall be capable of withstanding at least seventy five (75,000) pounds G.V.W.~~

**F-503.7.4 Driveway:** any driveway that leads to one (1) or more dwelling units, that exceeds five hundred (500) feet in length, shall meet the approval of the Fire Marshal.

**F-503.7.5 Round-a-bout:** The Metro West Fire Protection District firmly asserts that it is necessary to respond to all Fire Suppression, emergency medical and rescue service calls within an immediate, rapid and timely manner, and to answer all of said emergency calls without being impeded, obstructed or blocked by traffic within the boundaries of said District to comply with Statutory Regulations of Chapter 321 R.S.Mo.

That any and all new and creative designs by the State of Missouri by and through the State highway Department, St. Louis County by the St. Louis County Highway Department and/or the municipalities within said District must be designed so as to permit emergency fire suppression, medical and rescue service vehicles to transcend the highway, bi-ways and streets of the District in order to achieve a rapid and immediate response.

Round-a-bouts for the control of traffic for intersecting streets must have certain minimum standards in order to facilitate and accommodate the District's vehicles:

1. 110 foot inscribed diameter (outside);
2. 20' feet circulating roadway (one lane);
3. 8' foot truck aprons;
4. 54' foot central island diameter (27' radius);
5. No pedestrians, fixed object or sight distance obstructions are permitted in the center island;
6. 14' foot approach width pavement for both entry/exit lanes on both sides of island;
7. Control signs and pavement marking as per MUTED standards;
8. 15' foot entry throat width;
9. 50' foot separation to pedestrian crossing;

**F-503.7.6 Opticom Priority Control System:** The Opticom Priority Control System is required to be installed by the developer of any new development or traffic control intersection. All installation will conform to the plans, the specification of the manufacturer of the Opticom Priority Control System (3M Company), the requirements of the Missouri Department of Transportation Standard Specifications for Highway Construction and other agencies having jurisdiction.

**F-505.1.1 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*.

**F-506 Key Boxes:** (page 71) delete 506.1, 506.1.1. Insert;

**F-506 Knox Boxes and Rapid Entry Systems:**

**F-506.1 Knox Boxes:** A Knox box or Rapid Entry System shall be required in a location required by the Fire Marshal. The Knox box size and system shall be approved by the Fire Marshal and shall contain keys to allow access as required by the Fire Marshal. This shall include each commercial building having a fire alarm system that is monitored by a 24 hour supervised system, any commercial building having a fire suppression system.

**F-506.1.1 St. Louis County Rapid Entry Locks:** add a new Section; All fire department access areas, that are designated by the Fire Marshal, which may be secured by gate or gates, chain, or other securing devices, shall be equipped with a St. Louis County Rapid Entry pad lock.

**F-506.2 Installation:** The Knox-Box system shall be installed in a location approved by the Fire Marshal.

**F-506.3 Changes within the Knox Box System:** The property owner shall notify the Fire Marshal in writing, of any changes or additions to the Knox Box, Keys, or the plan or plat filed with District.

**F-506.4 Records:** The Fire Marshal of the District shall keep and maintain records regarding the location of such Lock-Box keys. In the case of an emergency, any officer of the District may use said records of Knox-Box keys to open the necessary Knox-Boxes.

## **CHAPTER 6 Building Services and Systems**

**F-601.2 Permits** (page 77) delete in it's entirely.

**F-603.7.1.1 Chimneys and Towers:** add a new Section.  
All chimneys, cooling towers, smoke stacks and similar appurtenances shall be maintain safe and sound and in good repair.

**F-605.9.2 Panel Box:** (page 82) add a new Section.  
No double lugging allowed within the panel box. One wire per breaker or fuse will be allowed.

**F-605.9.2.1 Receptacles:** (page 82) add a new Section.  
All receptacles within six feet of the kitchen sink measured along the wall. All bathroom receptacles, all receptacles in an unfinished basement, all outside receptacles, all garage receptacles and all receptacles in the crawl space shall be protected by ground fault interrupter (GFI).

**F-605.9.2.2 Electrical System Hazards:** (page 82) add a new Section.  
Where it is found that the electrical system in a structure constitutes a hazard to the occupants or the structure by reason of inadequate service, improper fusing, insufficient outlets, improper wiring, installation, deterioration, damage, or for similar reasons the Fire Marshal shall require the defects to be corrected to eliminate the hazard.

## **CHAPTER 9**

**F-903.3.1.2**(page 111) adds the following. Insert:

**F-903.3.1.2.1.2** Concealed spaces, attics, and similar enclosures, wholly or partly by exposed combustible constriction shall be protected by an automatic

sprinkler system in accordance with NFPA 13-99. Section 5-1-1. with the following exceptions

1. Spaces fire blocked in accordance with Section B-717.
  2. Spaces draft stopped in accordance with Section B-717.
  3. Flat roofs with solid joint construction provided the joist form and approved draft stop.
- F- 915.7** (page 148) adds the following. Insert:

**F-915.7.1 Carbon Monoxide Detectors:** (page 124) add a new Section. Upon the change of ownership or tenant of a single-family residential building or structure which is heated by a fossil fuel powered heating unit fully contained within the interior of the building or contains an attached or enclosed garage, prior to issuance of an Certificate of Compliance, not less than one (1) approved carbon monoxide detector must be installed outside the area of sleeping rooms.

## Chapter 56

SECTION 5602.1.1 (page 364) adds a new section. Insert:

**F-5602.1.1 Fireworks:** Fireworks include any combustible or explosive composition and any substance in combination of substances and articles prepared for the purpose of producing a visible or an audible effect by combustion, explosion deflagration or detonation. Fireworks shall include blank cartridges, toy pistols, toy cannons, toy canes, and toy guns in which explosives are utilized: Balloons requiring fire underneath to propel the balloon; fire crackers, torpedoes, sky rockets, roman candles, sparklers and other devices of similar construction; any device containing any explosive or flammable compound; any tablets or other devices containing an explosive substance.

**Definition:** The term “fireworks” shall not include automobile flares, paper caps containing not more than an average of 0.25 grain (6mg.) of explosive content per cap in toy pistols, toy canes, toy guns and other devices utilizing such caps. The date and utilization of the types of explosives devices listed herein which are not considered fireworks shall be permitted at all times.

### **F-5601 General**

**F-5601.2.4.3 Violations:** A person shall not manufacture, store, offer, expose for sale, sell at retail, or discharge any fireworks except for the approved supervised display of fireworks.

**F-5601.2.4.4 Display:** Approved displays shall be handled by an approved competent operator, and the fireworks shall be arranged, located, discharge and fired in a manner that will not be a hazard to property or endanger any person.

**F-5601.7.1 Insurance:** The permit holder shall furnish a certificate of comprehensive liability insurance of at least \$1 million per presentation to cover any and all persons who may be injured on the premises and/or the surrounding area of the fireworks being displayed or discharged. Also, permit holders shall furnish a valid Certificate of Workman's Compensation Insurance for any and all employees who may be employed by the permit holder and who may be assigned to the display and/or discharge of fireworks through their employment. The Certificate of Comprehensive Liability Insurance shall cover the payment for all potential damages caused either to person or property, due to the permitted display and arising from any of the permit holder or the agents of the permit holder.

**Appendix A Board of Appeals** (page 475) deletes in it's entirely.

**Appendix B Fire-Flow Requirements For Buildings** (page 477) delete in it's entirely.

**Appendix C Fire Hydrant Locations and Distribution** (page 481) delete in it's entirely.



**SECTION 5: SAVING CLAUSE:** That nothing in this Ordinance or The Fire Prevention Code of the Metro West Fire Protection District of St. Louis County, Missouri, hereby adopted shall be construed to affect any suit or proceedings pending in any Court or any rights acquired or liability incurred, for any cause or causes of action required or existing under any act or ordinance hereby repealed as cited in Section 1, of the Ordinance, nor shall any just or legal right or remedy or any character be lost, impaired or effected by this Ordinance.

**SECTION 6: SEVERABILITY:**

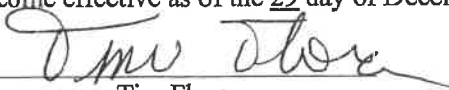
If any section, subsection, sentence, clause, phase or portion of this Ordinance for any reason held invalid, or unconstitutional by any Court of competent jurisdiction, such section, subsection, sentence, clause, phase, or portion of this Ordinance shall be deemed separate, distinct and an independent provision, and such holding not effect the validity of the remaining subsection, sentence, clause, phase or portion of this Ordinance.

**SECTION 7: NOTIFICATION:**

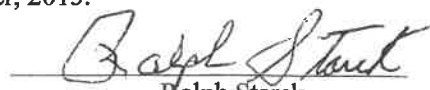
The Fire Marshal's Office of the Metro West Fire Protection District is hereby directed to notify in writing all contractors and/or persons who have current plans or projects filed with the District. Notification shall set forth the effective date of the Ordinance and the changes set forth in the Ordinance.

**SECTION 8: DATE OF EFFECT:**

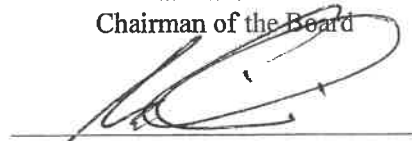
This Ordinance Number 116 of the Metro West Fire Protection District of St. Louis County, having been duly considered and voted upon by the Board of Directors of the Metro West Fire Protection District of St. Louis County, Missouri, was duly enacted and in an Ordinance of said Fire District this 29 day of December, 2015, and shall become effective as of the 29 day of December, 2015.



Tim Flora  
Chairman of the Board



Ralph Starck  
Treasurer of the Board




Mark Macinski  
Secretary of the Board

STATE OF MISSOURI )  
 ) SS.  
COUNTY OF ST. LOUIS )

Comes now MARK MACINSKI, who duly states that he is the Secretary of the Board of Directors of the Metro West Fire Protection District, and the attached is a duly certified copy of the Resolution adopted on the 29 day of December 2015.

Seal:



  
\_\_\_\_\_  
By: Metro West Fire Protection District  
Mark Macinski, Secretary

**ORDINANCE 118**  
**AMENDMENT TO ORDINANCE 116, WHICH IS KNOWN AS THE FIRE  
PREVENTION CODE OF THE METRO WEST FIRE PROTECTION  
DISTRICT OF ST, LOUIS COUNTY**

WHEREAS, the Metro West Fire Protection District of St. Louis County, is a political subdivision in the State of Missouri, duly incorporated according to the provisions of Chapter 321 R.S.Mo.; and

WHEREAS, Ordinance 116 was adopted by the Board of Directors of the Metro West Fire Protection District on the 29th day of December 2015; and is known as the Fire Prevention Code of the Metro West Fire Protection District of St. Louis County, and

WHEREAS, a scrivener's error has been detected by the Duty Staff of the District, which has resulted in an inconsistency.

WHEREAS, the Board of Directors of Metro West Fire Protection District desire to rectify the scrivener's error.

NOW THEREFORE, BE IT ORDAINED BY THE BOARD OF DIRECTORS OF THE METRO WEST FIRE PROTECTION DISTRICT AS FOLLOWS:

Page 4, paragraph B. CERTIFICATE OF COMPLIANCE, the present paragraph shall be deleted and a following shall be inserted: "There shall be a fee for the issuance of a Certificate of Compliance for residential occupancy. The fee shall not exceed the sum of one hundred dollars (\$100.00) for a single-family structure and the sum of thirty-five dollars (\$35.00) for a multi-family structure unit, apartment or condominium within a multi-family structure.

2. This Amendment shall become effective on the 30th day of January, 2018.

BY ORDER OF THE BOARD OF DIRECTORS OF THE METRO WEST FIRE PROTECTION DISTRICT.



  
Chairman Tim Flora

  
Director Ralph Starck

  
Director Mark Macinski

**ORDINANCE 119**  
**AMENDMENT TO ORDINANCE 116, WHICH IS KNOWN AS THE FIRE  
PREVENTION CODE OF THE METRO WEST FIRE PROTECTION  
DISTRICT OF ST. LOUIS COUNTY**

WHEREAS, the Metro West Fire Protection District of St. Louis County, is a political subdivision in the State of Missouri, duly incorporated according to the provisions of Chapter 321 R.S.Mo.; and

WHEREAS, Ordinance 116 was adopted by the Board of Directors of the Metro West Fire Protection District on the 29th day of December 2015; and is known as the Fire Prevention Code of the Metro West Fire Protection District of St. Louis County, and

WHEREAS, a scrivener's error has been detected by the Duty Staff of the District, which has resulted in an inconsistency.

WHEREAS, the Board of Directors of Metro West Fire Protection District desire to rectify the scrivener's error.

NOW THEREFORE, BE IT ORDAINED BY THE BOARD OF DIRECTORS OF THE METRO WEST FIRE PROTECTION DISTRICT AS FOLLOWS:

Page 25, section 503.3.1. Parking on Fire Apparatus Access Roads, the present paragraph shall be deleted and the following shall be inserted:

F-503.3.1. Parking on Fire Apparatus Access Roads (page 69) adds a new Section. Parking on fire apparatus access roads shall be allowed as follows:

1. On fire apparatus roads less than 26 feet 0 inches in width. Parking is not allowed on either side of the street.
2. Fire apparatus roads 26 feet 1 inch to 32 feet in width parking on one side of the street.
3. Parking allowed on both sides on fire apparatus roads 32 feet 1 inch or greater in width.
4. Fire apparatus roads and driveways exceeding five hundred (500) feet in length shall provide at least one (1) passing and/or staging area at a location approved by the Fire Marshal. Said area shall be a minimum of twenty (20) feet in width and fifty (50) feet in length. For every additional one thousand (1000) feet of road/driveway from the five hundred (500) feet passing area there shall be an additional passing area.

Page 25, section 503.3.2. Signs, the present paragraph shall be deleted and the following shall be inserted:

F-503.3.2 Signs: (page 69) add a new Section.

Where required by the Fire Marshal, apparatus access roads (fire lanes) shall be marked with permanent signs stating "*NO PARKING-FIRE LANE*" and complying with figure D103.6 or other D.O.T. approved No Parking Fire Lane signs. Signs shall have a minimum dimension of 12 inches wide by 18 inches high and have red letters on a white reflective background. Signs

shall be posted and maintained by the property owner or subdivision-governing body on the fire apparatus road (fire lane) as required in the following:

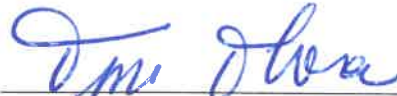
1. Signs are required on both sides of the street on fire apparatus roads less than 26 feet 0 inches in width.
2. Signs are required on one side of the street on fire apparatus roads 26 feet 1 inch to 32 feet in width.
3. Signs are not required on fire apparatus road 32 feet 1 inch or greater in width.

Page 28, section 503.7.3. Street Widths and Weights, the present paragraph shall be deleted and the following shall be inserted:

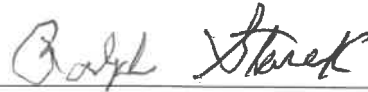
F-503.7.3 Street Widths and Weights: All streets with parking on one or both sides shall have a minimum total width greater than thirty-two (32) feet measured from back of curb to back of the opposite curb. Streets with parking permitted on both sides shall have a minimum clear width of twenty (20) feet. Streets with parking permitted on only one side shall be a minimum total width greater than twenty-six (26) feet and shall maintain a minimum clear width of twenty (20) feet. Street with no parking permitted on either side shall be permitted to have twenty (20) feet minimum width measured from back of curb to back of the opposite curb and shall maintain the required twenty (20) feet minimum clear width. Clear width is defined as unobstructed roadway with no parking or other obstructions within the required clear path of travel width. All streets shall be capable of withstanding at least seventy five thousand (75,000) pounds G.V.W.

2. This Amendment shall become effective on the 12th day of June, 2018.

BY ORDER OF THE BOARD OF DIRECTORS OF THE METRO WEST FIRE PROTECTION DISTRICT.



Chairman Tim Flora



Director Ralph Starck



Director Mark Macinski