

ORDINANCE NO. 121

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 THEROF: KNOWN AS THE FIRE PREVENTION CODE OF THE METRO WEST FIRE PROTECTION DISTRICT OF ST. LOUIS COUNTY; AND REPEALING EXISTING ORDINANCE NUMBERS 116,118,119, AND 120 OF THE METRO WEST FIRE PROTECTION DISTRICT OF ST. LOUIS COUNTY, STATE OF MISSOURI, AS FOLLOWS:

WHEREAS, the Board of Directors believes it is in the best interest of the Metro West Fire Protection District to amend and re-codify the Fire Prevention Code and 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 believes 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 INCONSISTENT ORDINANCE REPEALED:

That Ordinance Numbers 116,118,119 and 120 of the Metro West Fire Protection District is hereby repealed in their entirety, and a new Ordinance No.121 is hereby enacted.

SECTION 2. ADOPTION OF THE FIRE PREVENTION CODE:

That a certain document, one (1) copy each of which is on file in the Office of the Bureau of Fire Prevention of the Metro West Fire Protection District of St. Louis County, Missouri, being marked and designated as "International Building Code 2021", first printing October 2020; "International Fire Code 2021", first printing October 2020, including Appendix Chapters B, C, and D; "International Existing Building Code 2021", first printing December 2020; "International Mechanical Code 2021", first printing, March 2020, and the "International Property Maintenance Code 2021", first printing September 2020; as published by the International Code Council, Inc. be 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 provided; 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, 5, 6 and 7 of this Ordinance.

SECTION 3. AMENDMENTS TO THE INTERNATIONAL BUILDING CODE 2021 EDITION, FIRST PRINTING, NOVEMBER 2020

The following additions, revisions, insertions, and/or deletions are to made.

CHAPTER 1

SECTION 101

101.1 revise section. Insert:

101.1 TITLE: Replace [NAME OF JURISDICTION] with the "Metro West Fire Protection District."

101.1.2 add a new section. Insert:

101.1.2 Wherever "[INSERT NAME OF DEPARTMENT]" appears in such Code, it shall read "Fire Prevention Bureau".

101.1.3 add a new section. Insert:

Add: **101.1.3** Wherever "*building official*" appears in such Code, it shall be defined as the Fire Marshal of the Metro West Fire Protection District of St. Louis County, Missouri, or their duly authorized representative.

SECTION 102

102.7 add a new section. Insert:

102.7 Matters not provided for: Requirements that are essential for the public safety of an existing or proposed activity, building, or structure, or for the safety of the occupants thereof, that are not specifically provided for by this Code shall be determined by the code official.

SECTION 107

107.1.1 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:

All construction documents submitted with an application for a building permit shall bear a seal in accordance with 20 CSR 2030-3.060.

Any addenda or modifications submitted for changes to the construction documents shall also bear a seal in accordance with 20 CSR 2030-3.060. Such changes shall be clearly indicated.

SECTION 109

109.2 revise section. Insert:

109.2 Schedule of permit fees. Add the following to the end of the section: “On going the fee schedule shall be reviewed and adjusted during one of the regularly scheduled December Board of Directors meetings. The current fee schedule will be posted on the Fire District’s website, and a hard copy will be available in the District offices.”

SECTION 110

110.3.1 delete in its entirety. Insert:

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

110.3.2 delete in its entirety. Insert:

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

110.3.2.1 add a new Section. Insert:

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

110.3.2.2 add a new Section. Insert:

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

110.3.3 delete in its entirety.

110.3.4 delete in its entirety

110.3.7 delete in its entirety.

110.3.9 delete in its entirety.

SECTION 111

SECTION 111.5 add a new Section. Insert:

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

111.5.1 add a new Section. Insert:

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

SECTION 113

113.1 through 113.3 delete in its entirety. Insert:

113.1 Appeals: Any person aggrieved or injured by any determination, order, or decision of the Fire Marshal, 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 an 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 a 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 a decision promptly after the making thereof.

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

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

SECTION 114

114.4 revise section. Insert:

114.4 Violation Penalties: Any person who violates a provision of this code, or fails to comply with any of the requirements thereof, or erects, alters or repairs a building or structure in violation of the approved construction documents, or directive of the fire code official, or of a permit or certificate issued under provisions of the code, shall be guilty of a Class B misdemeanor, punishable by a fine of not more than five hundred dollars, or by imprisonment not exceeding six month, or both fine and imprisonment. Each day that a violation continues after due notice has been served shall be considered a separate offense.

114.5 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.

114.6 add a new section. Insert:

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

SECTION 115

115.4.1 revise section. Insert:

115.4.1 Failure to comply: Any person who shall continue to work after a stop work order has been served, except to complete such work as directed by the fire code official to remove a violation or unsafe condition, shall be subject to a fine of not more than five hundred dollars, or by imprisonment not exceeding six months, or both fine and imprisonment. Each day that a violation continues after due notice has been served shall be considered a separate offense.

CHAPTER 4

SECTION 402

402.4.2.1.1 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 fire resistance 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 and the mall, except for occupancy separations required elsewhere in this code.

CHAPTER 5

SECTION 502

502.1.1 add a new section. Insert:

502.1.1 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*.

CHAPTER 7

SECTION 703

703.5.1 add a new section. Insert:

703.5.1 Penetrations and joints marking system: The marking system shall be located within 2 inches (50 mm) of the through penetration firestop system. The marking system shall be legible and contain, at a minimum, the following information:

1. Do Not Disturb - Firestop System or Fire-Resistant Joint System as appropriate
2. Contractor's name, address and phone number

3. System Design Number or Engineering Judgement Number
4. Date of installation
5. Manufacturer's name for firestop materials

CHAPTER 9

SECTION 903

903.3.5.3 add a new Section. Insert:

903.3.5.3 Water flow tests: Water flow tests for *fire protection 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.

903.3.5.3.1 add a new Section. Insert:

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

903.4.1 delete in its entirety. Insert:

903.4.1 Monitoring: Alarm, supervisory and trouble signals shall be distinctly different and shall be monitored in accordance with Section 907.7.5 and shall sound an audible signal at a constantly attended location.

Exceptions:

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

903.4.2.1 add a new section. Insert:

903.4.2.1 Fire Sprinkler System Fire Department Connection: An approved exterior audio/visual fire alarm notification device shall be installed above all fire department connections. This device shall activate upon a water flow fire alarm signal only. This device shall be visible from the closest fire apparatus access road and installed at twelve feet above ground level or other *approved* location.

903.4.2.1.1 add a new section. Insert:

903.4.2.1.1 Water Flow Alarm Signage: A permanent sign shall also be installed under the audio/visual fire alarm notification device which states "Water Flow Alarm". This sign shall have red letters on a white reflective background. The letters shall be red in color and be Arabic alphabetical letters. Each character shall be not less than 3 inches (76 mm) high.

903.4.3 delete in its entirety. Insert:

903.4.3 Floor control valves: Approved supervised indicating control valves shall be provided at the point of connection to the riser on each floor in multi-story buildings.

903.4.4 add a new section. Insert:

903.4.4 Dry-pipe alarm time: Initial water shall be discharged from the system test connection in not more than 60 seconds, starting at the normal air pressure on the system and at the time of fully opened inspection test connection.

903.6 intentionally left blank.

903.7 add a new section. Insert:

903.7 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

904.4.4 add a new section. Insert:

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

SECTION 907

907.1.4 add a new section. Insert:

907.1.4 Device labeling: The loop and device address shall be placed on each addressable device or module in an *approved* manner. Upon an activation signal of a device, the location and the device identification number shall be displayed and correspond with the information on the fire alarm control unit.

907.6.3 delete in its entirety. Insert:

907.6.3 Initiating device identification: The fire alarm system shall identify the specific initiating device address, location, device type, floor level where applicable and status including indication of normal, alarm, trouble and supervisory status, as appropriate.

Exceptions:

1. Fire alarm systems that only include manual fire alarm boxes, waterflow initiating devices and not more than 6 additional alarm-initiating devices.
2. Special initiating devices that do not support individual device identification.
3. Fire alarm systems or devices that are replacing existing equipment.

SECTION 912

912.2.2 delete in its entirety. Insert:

912.2.2 Fire Department Connection Location Signage: On new and existing buildings, the fire department connection shall be indicated by an *approved* sign mounted on the street front or on the side of the building. Such sign shall have red letters “FDC” not less than 6 inches (152 mm) high and words in red letters not less than 2 inches (51 mm) high or an arrow to indicate the location on a white reflective background.

912.4.4 add a new Section. Insert:

912.4.4 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 919

919 add a new Section. Insert:

919.0 Fire Hydrants

919.1 New Subdivisions: No person shall commence construction of any new building or structure of any kind in any subdivision within the District, unless such person shall have first submitted to the Code Official of the 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 Code Official.

919.2 New Structures: No person shall commence construction of any new structure, or building, or addition to any structure or building, within or upon any real property within the District, unless such person shall first have submitted to the Code Official of the District a plat or drawing of the property whereon is located such building, structure of addition, which plat or drawing has indicated there on 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.

919.3 Installation of other new fire hydrants: No person shall install or cause any fire hydrant to be installed 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.

919.4 Groups R-3 and R-4 occupancies: 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.

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

919.6 Fire hydrant placement: Fire hydrants shall be placed within the guidelines of Section 919.6.1 through 919.6.9.

919.6.1 Single family residential: In Groups R-3 and R-4 occupancies, single family residential developments, fire hydrant spacing shall not exceed five hundred (500) 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.

919.6.1.1 Water supply required: In Groups R-3 and R-4 occupancies, 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.

919.6.2 Multi-family residential: In Group R-2 occupancies, 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.

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

919.6.3 Other occupancy group developments: In all other occupancy 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.

919.6.4 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.

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

919.6.6 Private hydrants: Where a development, other than Group R-3 or R-4 occupancies, is greater than one hundred fifty (150) feet from an existing and/or proposed improved public way, measured along the

drivable 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 occupancy Group as set forth in Section 919.6.1 through and including Section 919.6.4.

919.6.7 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.

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

919.6.9 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.

919.7 Fire hydrant installation: All fire hydrants shall be installed in accordance with Sections 919.7.1 through 919.7.3.

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

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

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

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

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

COLOR WATER MAIN SIZE

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

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

919.11 Minimum fire flow - single hydrant: The minimum fire flow from a single fire hydrant in any occupancy 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.

919.13 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.

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

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

SECTION 920

920 add a new Section. Insert:

SECTION 920.0 Fire Service Mains and Appurtenances

920.1 General: This section covers the application, installation, inspection, and testing for fire service mains and appurtenance and their components for new and existing buildings and structures.

920.2 Where required: Fire service mains and appurtenances shall be installed in accordance with the provisions of this code and NFPA 24. The fire service mains and appurtenances shall be designed and installed to support the fire flow requirements of the *standpipe system* and *automatic sprinkler systems* of the building or structure being protected.

920.3 Construction documents: Construction documents for fire service mains and appurtenances shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code, the *International Building Code*, NFPA 24 and relevant laws, ordinances, rules and regulations, as determined by the *fire code official*. All construction documents shall meet the requirements of Section 107 of the *International Building Code*.

920.3.1 Fire service main drawings: Construction documents shall be drawn to an indicated scale on sheets of uniform size, with a plan of each floor as applicable, and shall include the following items that pertain to the design of the system:

1. Name of owner
2. Location, including the street address.
3. Point of compass
4. A graphic representation of the scale used on all plans

5. Name and address of contractor
6. Size and location of all water supplies
7. Size and location of standpipe risers, hose outlets, hand hose, monitor nozzles, and related equipment
8. The following items that pertain to private fire service mains:
 - a. Type of pipe being installed
 - b. Pipe size
 - c. Pipe length
 - d. Location
 - e. Weight
 - f. Pipe material
 - g. Point of connection to the city main
 - h. Sizes, types, and locations of valves, valve indicators, regulators, meters, and valve pits
 - i. Depth at which the top of the pipe is laid below grade
 - j. Method of restraint in accordance with NFPA 24
9. The following items that pertain to hydrants:
 - a. Size and location, including size and number of outlets and whether outlets are to be equipped with independent gate valves
 - b. Thread size and coupling adapter specifications if different from NFPA 1963
 - c. Whether hose houses and equipment are to be provided and by whom
 - d. Static and residual hydrants used in flow test
 - e. Method of restraint in accordance with NFPA 24
 - f. Installation shall be done in accordance with Section 920 of this Code
10. Size, location and piping arrangement of fire department connection(s)
11. Location and piping arrangement for Post Indicator Valve. All Post Indicator Valves shall be OSHA safety red in color. Post Indicator Valves shall have address identification signs

920.3.2 Manufacturer's Installation Instructions: The construction document submittals shall include the manufacturer's installation instructions for all pipe used or American Water Works Association (AWWA) installation documentation and any specially listed equipment, including descriptions, applications, and limitations for any devices, piping, or fittings.

920.4 Qualified Installer: Installation work shall be performed by fully experienced and responsible persons. The construction application and installation shall be by a Licensed Master Pipe Fitter, Master Plumber or Master Sprinkler Fitter with St. Louis County, Missouri.

920.5 Inspections: The following inspection shall be conducted during the installation of Fire Main Services and Appurtenance:

1. Pipe/trench inspection shall be conducted while pipe is being installed into trench. No back fill shall be introduced into trench until inspection unless previous approval from fire code official.
2. Proper fill and tamping of fill around pipe. Installation shall be done in accordance with the manufacturer's installation instructions or AWWA installation documents. Rocks are not permitted in accordance with NFPA 24.

3. Thrust block pre-pour inspection. Framed or non-framed.
4. Thrust block pour inspection.
5. Hydrostatic testing is required in accordance with NFPA 24.
6. Flush Inspection. Flush flow shall be through a minimum four inch opening with proper hose or pipe attached. Hose or pipe shall be restrained to prevent injury and or damage. A catch or filter system shall be attached to the end of the hose to prevent debris from causing injury or damage.
7. Additional inspections may be required by the *fire code official* due to project conditions or project requirements.

920.6 Final authority: The authority having jurisdiction shall always be consulted before the installation, upgrading or remodeling of private fire service mains.

CHAPTER 11 ACCESSIBILITY: Delete in its entirety.

CHAPTER 12 INTERIOR ENVIRONMENT: Retain only the following:

- 1201 General
- 1204.4 Stairway illumination
 - 1204.4.1 Controls
- 1204.5 Emergency egress lighting
- 1205 Yards or Courts
- 1209 Access to Unoccupied Spaces

CHAPTER 13 ENERGY EFFICIENCY: Delete in its entirety.

CHAPTER 14 EXTERIOR WALLS:

- Delete 1402.2 Weather Protection.
- 1402.3 Structural.
- 1402.5 Water-resistive barriers.
- 1402.6 Flood resistance.
- 1402.7 Flood resistance for coastal high-hazard areas and coastal A zones.

CHAPTER 15 ROOF ASSEMBLIES AND ROOFTOP STRUCTURES: Retain only the following:

- Section 1501 GENERAL (all)
- Section 1503 WEATHER PROTECTION
 - 1503.1 General
 - 1503.3 Parapet walls
 - 1503.3.1 Fire-resistance-rated parapet walls.
 - 1503.3.2 Other parapet walls
- Section 1505 FIRE CLASSIFICATION (all)
- Section 1507 REQUIREMENTS FOR ROOF COVERINGS
- Section 1508 ROOF INSULATION
- Section 1511 ROOFTOP STRUCTURES (all)

CHAPTER 16 STRUCTURAL DESIGN: Delete in its entirety.

CHAPTER 17 SPECIAL INSPECTIONS AND TESTS: Retain only the following:

- Section 1701 GENERAL (all)
- Section 1702 NEW MATERIALS (all)

Section 1703 APPROVALS (all)
Section 1704 SPECIAL INSPECTIONS AND TESTS, CONTRACTOR RESPONSIBILITY
AND STRUCTURAL OBSERVATION (all)
Section 1705 REQUIRED SPECIAL INSPECTIONS
1705.1 General
1705.1.1 Special Cases
1705.15 Sprayed fire-resistant materials (all)
1705.16 Mastic and intumescent fire-resistant coatings.
1705.18 Fire-resistant penetrations and joints.
Section 1707 ALTERNATIVE TEST PROCEDURE (all)

CHAPTER 18 SOILS AND FOUNDATIONS: Delete in its entirety.

CHAPTER 19 CONCRETE: Delete in its entirety.

CHAPTER 20 ALUMINUM: Delete in its entirety.

CHAPTER 21 MASONRY: Retain only the following:

Section 2101 GENERAL (all)
Section 2110 GLASS UNIT MASONRY (all)
Section 2111 MASONRY FIREPLACES (all)
Section 2112 MASONRY HEATERS (all)
Section 2113 MASONRY CHIMNEYS (all)

CHAPTER 22 STEEL: Delete in its entirety.

CHAPTER 23 WOOD: Retain only the following:

Section 2301 GENERAL (all)
Section 2303 MINIMUM STANDARDS AND QUALITY (all)
Section 2304.11 Heavy timber construction, and all subsections

CHAPTER 24 GLASS AND GLAZING: Retain only the following:

Section 2401 GENERAL (all)
Section 2402 GLAZING REPLACEMENT (all)
Section 2405 SLOPED GLAZING AND SKYLIGHTS: 2405.1 Scope; and 2405.4 Framing
Section 2406.5 Fire department access panels
Section 2407 GLASS IN HANDRAILS AND GUARDS (all)
Section 2409 GLASS IN WALKWAYS, ELEVATOR HOISTWAYS AND ELEVATOR
CARS (all)

CHAPTER 25 GYPSUM BOARD, GYPSUM PANEL PRODUCTS AND PLASTER: Retain only the following:

Section 2501 GENERAL (all)
Section 2502 PERFORMANCE (all)
Section 2503 INSPECTION (all)
Section 2506 GYPSUM BOARD AND GYPSUM PANEL PRODUCT MATERIALS (all)
Section 2507 LATHING AND PLASTERING (all)
Section 2508 GYPSUM CONSTRUCTION (all)

CHAPTER 29 PLUMBING SYSTEMS: Delete in its entirety.

CHAPTER 31 SPECIAL CONSTRUCTION: Delete the following:

- Section 3107 SIGNS (all)
- Section 3108 TELECOMMUNICATION AND BROADCAST TOWERS (all)
- Section 3109 SWIMMING POOLS, SPAS AND HOT TUBS (all)

CHAPTER 33 SAFEGUARDS DURING CONSTRUCTION: Delete the following sections:

- Section 3301.2 Storage and placement, and all subsections.
- Section 3303 DEMOLITION: delete all but 3303.3 Means of egress and 3303.7 Fire safety during demolition.
- Section 3304 SITE WORK (all)
- Section 3305 SANITARY (all)
- Section 3306 PROTECTION OF PEDESTRIANS (all)
- Section 3307 PROTECTION OF ADJOINING PROPERTY (all)

SECTION 4. AMENDMENTS TO THE INTERNATIONAL FIRE CODE 2021 EDITION

The following additions, revisions, insertions, and/or deletions are to made.

CHAPTER 1

SECTION 101

101.1 TITLE: Replace [NAME OF JURISDICTION] with the "Metro West Fire Protection District."

101.1.2 add a new section. Insert:

101.1.2 Wherever "[INSERT NAME OF DEPARTMENT]" appears in such Code, it shall read "Fire Prevention Bureau".

101.1.3 add a new section. Insert:

101.1.3 Wherever "*building official*" appears in such Code, it shall be defined as the Fire Marshal of the Metro West Fire Protection District of St. Louis County, Missouri, or their duly authorized representative.

SECTION 105

105.5.53 add a new section. Insert:

105.5.53 Premises Identification: An operational permit is required. The plan shall be submitted and reviewed annually by August 1 of each year.

105.6.25 add a new section. Insert:

105.6.25 Premises Identification: A construction permit is required to install premises identification in accordance with Section 408. Premises identification plans shall be submitted for review and approval before a permit will be issued. Premises identification permits shall be issued at no charge.

SECTION 106

106.1.1 add a new section. Insert:

106.1.1 Application of seals: 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 a seal in accordance with 20 CSR 2030-3.060.

Any addenda or modifications submitted for changes to the construction documents shall also bear a seal in accordance with 20 CSR 2030-3.060. Such changes shall be clearly indicated.

106.5 add a new section. Insert:

106.5 Life Safety Inspection 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 Life Safety Inspection Certificate of Compliance will be issued. The Life Safety Inspection Certificate of Compliance shall be issued for a period of twelve months.

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.

106.7 Legal Action: If 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 107

107.2 revise section. Insert:

107.2 Schedule of permit fees: A fee for each permit shall be paid as required, in accordance with 109.2 of the *International Building Code* as amended in this Ordinance.

SECTION 111

111.1 through 111.4 delete in its entirety. Insert:

111.1 Appeals: Any person aggrieved or injured by any determination, order, or decision of the Fire Marshal, 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 a 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.

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

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

SECTION 112

112.4 revise section. Insert:

112.4 Violation Penalties: Any person who violates a provision of this code, or fails to comply with any of the requirements thereof, or erects, alters or repairs a building or structure in violation of the approved construction documents, or directive of the fire code official, or of a permit or certificate issued under provisions of the code, shall be guilty of a Class B misdemeanor, punishable by a fine of not more than five hundred dollars, or by imprisonment not exceeding six month, or both fine and imprisonment. Each day that a violation continues after due notice has been served shall be considered a separate offense.

112.5 add a new section. Insert:

112.5 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 112.4 of this Ordinance.

112.6 add a new section. Insert:

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

SECTION 113

113.4.1 revise section. Insert:

113.4.1 Failure to comply: Any person who shall continue to work after a stop work order has been served, except to complete such work as directed by the fire code official to remove a violation or unsafe condition, shall be subject to a fine of not more than five hundred dollars, or by imprisonment not exceeding six months, or both fine and imprisonment. Each day that a violation continues after due notice has been served shall be considered a separate offense.

CHAPTER 3

SECTION 307

307.2.1 Revise section. Insert:

307.2.1 Authorization: all open burning must meet St. Louis County, open burning requirements. The current code as of this Ordinance is St. Louis County Code of Revised Ordinances Title VI Chapter 612.345, Open burning restrictions.

CHAPTER 4

SECTION 404

404.5 add a new section. Insert:

404.5 Premises Identification: Premises identification shall be in accordance with Section 408.

SECTION 408

408 add a new section. Insert:

SECTION 408 PREMISES IDENTIFICATION

408.1 New and existing buildings of Educational Group E shall be identified in accordance with 408.2 through 408.5.

408.2 Zone Identification: Zones shall be identified in accordance with sections 408.2.1 through 408.2.4.

408.2.1 Zone Designation: All occupiable structures on the premises shall be divided into sections or designated a specific zone agreeable to the AHJ.

408.2.2 Zone Color Assignment: The zones shall be assigned a primary or secondary color. Other colors may be used/added if approved by the AHJ. (Recommended, not required, assign the zone with the main entrance RED and proceed clockwise with ORANGE, YELLOW, GREEN, BLUE, PURPLE)

408.2.3 Zone Level Consistency: Zone color assignment shall be consistent on all grades of multilevel structures.

408.3 Corridors Identification: Corridors inside of a zone shall be identified by the color assigned per section 408.2.

408.3.1: Striping: A solid color representative of the designated zone shall be applied on the walls on both sides of the corridor.

408.3.2 Striping Size and Location: The stripe shall be no less than 4" AFF and no more than 36" AFF. and a minimum of 4 inches (102 mm) in width. The stripe shall be continuous in length of the corridor and terminate at the exit or the transition to a different zone. (In corridors with lockers, displays, or other fixed obstructions an alternative location may be used as approved.)

408.3.3 Directional Identification: Colored arrows representative of the zone shall be provided at intersecting corridors. The arrow shall be a minimum of 1" in width and 8" in length. The arrows shall be affixed to the corridor wall at least 4" AFF and no more than 36" AFF. Other heights may be used as approved.

408.4 Room and Area Identification: All occupiable rooms and areas within a zone shall be identified in accordance with section 408.4.1 through 408.4.5. with numbers or labels in accordance with section 408.2.

408.4.1 Room and area designation: Rooms and areas shall be identified by their current known number or known descriptive name (i.e., Gym, Library).

408.4.2 Room and Area Color Assignment: Rooms and areas shall be assigned the color of the zone they occupy.

408.4.3 Doors: Doors shall be identified with signage conforming to 408.4.3.1 through 408.4.3.2 Doors shall be labeled in Arabic numbers and alphabetical letters. Numbers shall not be spelled out. Where required, doors shall have signage both inside and out.

408.4.3.1 Egress/Room side of door: A sign with the room number in the assigned zone color shall be affixed over the door and shall be readily visible from inside the room. The numbers shall be in white on a background of the zone color. Each

character shall be not less than 4 inches (102 mm) high with a minimum stroke width of 1/2 inch (13 mm).

408.4.3.2 Ingress/Corridor side of door: Room numbers shall be placed above the door and shall be readable from all angles from the hallway or area to which they open. The numbers shall be in white on a background of the zone color. Each character shall be not less than 4 inches (102 mm) high with a minimum stroke width of 1/2 inch (13 mm).

408.4.4 Windows: Signs with the room number in the designated zone color shall be affixed to the interior surface of the left most facing window and shall be visible from the exterior of the building.

408.4.4.1 Placement: Room numbers shall be placed on the left-most window when viewed from outside the building.

408.4.4.2 Number Size/Color: The numbers shall be in white on a background of the zone color. Each character shall be not less than 6 inches (152 mm) high with a minimum stroke width of 1/2 inch (13 mm), and visible from ground level.

408.5 Exterior Door Identification: All doors on the exterior of a building that provide access into the building shall be identified in accordance with section 408.5.1 through 408.5.6.

408.5.1 Number designation: All exterior doors shall be numbered in a sequential order starting with the main entrance (office door/public entrance). The main entrance shall always be #1. Subsequent doors shall be numbered in sequential order in a clockwise manner.

408.5.2 Number color: The color of the number shall represent the zone color per section 408.3. Door numbers shall contrast with their background

408.5.3 Number Size: Door numbers shall be Arabic numbers and alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 6 inches (152 mm) high with a minimum stroke width of 1/2 inch (13 mm).

408.5.4 Number placement: Door number shall be placed at the top center of the door. Exception: Roll-up doors the number shall be located between 1/2 and 3/4 of the height of the door adjacent to the door opening.

408.5.5 Exterior access to corridors: Doors that provide access directly to a corridor shall be marked with the door number on a retro-reflective block in the corridor zone color per section 408.3.

408.5.6 Exterior access to rooms: Doors that provide access directly into a room shall be marked with the room number or descriptive name per section 408.4.1 directly below the exterior door identification number.

CHAPTER 5

Section 501

501.3.2 add a new section. Insert:

501.3.2 “As Built” Drawings for Commercial Building Preplan: Prior to the final inspection of a new commercial structure or “Substantial Improvement” of a building as defined in IBC 2021 Chapter 2 Section 202, the permittee shall provide the Metro West Fire Protection District with, “as built” drawings, which must be submitted digitally to the *fire code official* or his designee.

501.3.2.1 add a new section. Insert:

501.3.2.1 “As Built” Preplan Drawing Details: The drawings are to include, but not limited to, the following:

Building site plan to include:

- 1) Utility control locations including, FDC location, water supply shutoff, electrical service entry location, gas service entry location, electric vehicle charging stations and shut offs.

Building floor plan to include:

- 1) Walls, windows, stairs, and doors identified by their room number or letter.
- 2) Additional details include mechanical rooms, main electrical room, electric sub panel(s), main fire alarm panel location, secondary annunciator panel location(s), fire sprinkler equipment room, and other FDC locations.

The *fire code official* or his designee reserve the right to request additional details as needed.

Section 503

503.7 add a new section. Insert:

503.7 Street.

503.7.1 add a new section. Insert:

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

503.7.2 add a new section. Insert:

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

503.7.3 add a new section. Insert:

503.7.3 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.

503.7.4 add a new section. Insert:

503.7.4 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;

Section 503.7.5 add a new section. Insert:

503.7.5 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.

Section 506

Section 506.1 delete in its entirety. Insert:

506.1 Where required. Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or firefighting purposes, the *fire code official* is authorized to require a key box to be installed in an *approved* location. The Metro West Fire Protection District of St. Louis County, Missouri, utilizes only the KnoxBox system of rapid entry devices.

SECTION 507

Section 507.5.1.1 add a new section. Insert:

507.5.1.1 Hydrant for fire department connections. A fire hydrant shall be located within 100 feet of the fire department connection.

Exception: The distance shall be permitted to be greater than 100 feet when *approved* by the *fire code official*.

507.5.5 delete in its entirety. Insert:

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

510.4.1.4 add a new section as follows. Insert:

510.4.1.4 Isolation. Emergency responder radio coverage systems shall be isolated to the public safety spectrum only, and shall be approved by the local or regional emergency communication authority.

CHAPTER 9

SECTION 903

901.6.3 delete in its entirety. Insert:

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

901.6.3.2 add a new section. Insert:

901.6.3.2 Records copies to fire code official. Within thirty (30) days of the completion of the required system inspections, tests and maintenance an electronic copy of the report shall be forwarded to the *fire code official* in Adobe® PDF format. The reports shall be sent via e-mail to testreport@metrowest-fire.org. The type of fire protection system inspection and the address of the inspected property shall be included in the subject of the e-mail.

903.3.5.3 add a new Section. Insert:

903.3.5.3 Water flow tests: Water flow tests for *fire protection 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.

903.3.5.3.1 add a new Section. Insert:

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

903.4.1 delete in its entirety. Insert:

903.4.1 Monitoring: Alarm, supervisory and trouble signals shall be distinctly different and shall be monitored in accordance with Section 907.7.5 and shall sound an audible signal at a constantly attended location.

Exceptions:

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

903.4.2.1 add a new section. Insert:

903.4.2.1 Fire Sprinkler System Fire Department Connection: An approved exterior audio/visual fire alarm notification device shall be installed above all fire department connections. This device shall activate upon a water flow fire alarm signal only. This device shall be visible from the closest fire apparatus access road and installed at twelve feet above ground level or other *approved* location.

903.4.2.1.1 add a new section. Insert:

903.4.2.1.1 Water Flow Alarm Signage: A permanent sign shall also be installed under the audio/visual fire alarm notification device which states "Water Flow Alarm". This sign shall have red letters on a white reflective background. The letters shall be red in color and be Arabic alphabetical letters. Each character shall be not less than 3 inches (76 mm) high.

903.4.3 delete in its entirety. Insert:

903.4.3 Floor control valves: Approved supervised indicating control valves shall be provided at the point of connection to the riser on each floor in multi-story buildings.

903.4.4 add a new section. Insert:

903.4.4 Dry-pipe alarm time: Initial water shall be discharged from the system test connection in not more than 60 seconds, starting at the normal air pressure on the system and at the time of fully opened inspection test connection.

903.7 add a new section. Insert:

903.7 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

904.3.4 delete in its entirety. Insert:

904.3.4 Alarms and warning signs: Alarms are required to indicate the operation of automatic fire-extinguishing systems, distinctive audible and visible alarms and warning signs shall be provided to warn of pending agent discharge. Where exposure to automatic-extinguishing agents poses a hazard to persons and a delay is required to ensure the evacuation of occupants before agent discharge, a separate warning signal shall be provided to alert occupants once agent discharge has begun. Audible signals shall be in accordance with Section 907.5.2.

904.4.4 add a new section. Insert:

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

SECTION 907

907.1.4 add a new section. Insert:

907.1.4 Device labeling: The loop and device address shall be placed on each addressable device or module in an *approved* manner. Upon an activation signal of a device, the location and the device identification number shall be displayed and correspond with the information on the fire alarm control unit.

907.6.3 delete in its entirety. Insert:

907.6.3 Initiating device identification: The fire alarm system shall identify the specific initiating device address, location, device type, floor level where applicable and status including indication of normal, alarm, trouble and supervisory status, as appropriate.

Exceptions:

1. Fire alarm systems that only include manual fire alarm boxes, waterflow initiating devices and not more than 6 additional alarm-initiating devices.
2. Special initiating devices that do not support individual device identification.
3. Fire alarm systems or devices that are replacing existing equipment.

SECTION 912

912.2.2 delete in its entirety. Insert:

912.2.2 Fire Department Connection Location Signage: On new and existing buildings, the fire department connection shall be indicated by an *approved* sign mounted on the street front or on the side of the building. Such sign shall have red letters "FDC" not less than 6 inches (152 mm) high and words in red

letters not less than 2 inches (51 mm) high or an arrow to indicate the location on a white reflective background.

912.2.2.1 add a new section. Insert:

912.2.2.1 Fire Department Connection Signage. The fire department connection shall be indicated by an approved sign mounted above its location. Such sign shall have red letters “FDC” not less than 6 inches (152 mm) high and the addresses which the fire department connection serves in red letters not less than 2 inches (51 mm) high on a white reflective background. Such signs shall be subject to the approval of the *fire code official*.

912.4.4 add a new Section. Insert:

912.4.4 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 918

918 add a new Section. Insert:

918.0 Fire Hydrants

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

918.2 New Structures: No person shall commence construction of any new structure, or building, or addition to any structure or building, within or upon any real property within the District, unless such person shall first have submitted to the Code Official of the District a plat or drawing of the property whereon is located such building, structure of addition, which plat or drawing has indicated there on 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.

918.3 Installation of other new fire hydrants: No person shall install or cause any fire hydrant to be installed 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.

918.4 Groups R-3 and R-4 occupancies: 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.

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

918.6 Fire hydrant placement: Fire hydrants shall be placed within the guidelines of Section 918.6.1 through 918.6.9.

918.6.1 Single family residential: In Groups R-3 and R-4 occupancies, single family residential developments, fire hydrant spacing shall not exceed five hundred (500) 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.

918.6.1.1 Water supply required: In Groups R-3 and R-4 occupancies, 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.

918.6.2 Multi-family residential: In Group R-2 occupancies, 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.

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

918.6.3 Other occupancy group developments: In all other occupancy 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.

918.6.4 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.

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

918.6.6 Private hydrants: Where a development, other than Group R-3 or R-4 occupancies, is greater than one hundred fifty (150) feet from an existing and/or proposed improved public way, measured along the drivable 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 occupancy Group as set forth in Section 918.6.1 through and including Section 918.6.4.

918.6.7 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.

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

918.6.9 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.

918.7 Fire hydrant installation: All fire hydrants shall be installed in accordance with Sections 918.7.1 through 918.7.3.

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

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

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

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

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

COLOR WATER MAIN SIZE

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

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

918.11 Minimum fire flow - single hydrant: The minimum fire flow from a single fire hydrant in any occupancy 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.

918.13 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.

918.14 Building permits: The Code Official of the District shall not approve, nor issue building permits for, nor permit the construction of any such new subdivision, or new building or structure or addition, so

long as the owner thereof shall fail to provide for fire hydrants, or to perform any guarantees, or to permit access, according to this Section.

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

SECTION 919

919 add a new Section. Insert:

SECTION 919.0 Fire Service Mains and Appurtenances

919.1 General: This section covers the application, installation, inspection, and testing for fire service mains and appurtenances and their components for new and existing buildings and structures.

919.2 Where required: Fire service mains and appurtenances shall be installed in accordance with the provisions of this code and NFPA 24. The fire service mains and appurtenances shall be designed and installed to support the fire flow requirements of the *standpipe system* and *automatic sprinkler systems* of the building or structure being protected.

919.3 Construction documents: Construction documents for fire service mains and appurtenances shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code, the *International Building Code*, NFPA 24 and relevant laws, ordinances, rules and regulations, as determined by the *fire code official*. All construction documents shall meet the requirements of Section 107 of the *International Building Code*.

919.3.1 Fire service main drawings: Construction documents shall be drawn to an indicated scale on sheets of uniform size, with a plan of each floor as applicable, and shall include the following items that pertain to the design of the system:

1. Name of owner
2. Location, including the street address.
3. Point of compass
4. A graphic representation of the scale used on all plans
5. Name and address of contractor
6. Size and location of all water supplies
7. Size and location of standpipe risers, hose outlets, hand hose, monitor nozzles, and related equipment
8. The following items that pertain to private fire service mains:
 - k. Type of pipe being installed
 - l. Pipe size
 - m. Pipe length
 - n. Location
 - o. Weight
 - p. Pipe material
 - q. Point of connection to the city main

- r. Sizes, types, and locations of valves, valve indicators, regulators, meters, and valve pits
 - s. Depth at which the top of the pipe is laid below grade
 - t. Method of restraint in accordance with NFPA 24
9. The following items that pertain to hydrants:
- g. Size and location, including size and number of outlets and whether outlets are to be equipped with independent gate valves
 - h. Thread size and coupling adapter specifications if different from NFPA 1963
 - i. Whether hose houses and equipment are to be provided and by whom
 - j. Static and residual hydrants used in flow test
 - k. Method of restraint in accordance with NFPA 24
 - l. Installation shall be done in accordance with Section 920 of this Code
10. Size, location and piping arrangement of fire department connection(s)
11. Location and piping arrangement for Post Indicator Valve. All Post Indicator Valves shall be OSHA safety red in color. Post Indicator Valves shall have address identification signs

919.3.2 Manufacturer's Installation Instructions: The construction document submittals shall include the manufacturer's installation instructions for all pipe used or American Water Works Association (AWWA) installation documentation and any specially listed equipment, including descriptions, applications, and limitations for any devices, piping, or fittings.

919.4 Qualified Installer: Installation work shall be performed by fully experienced and responsible persons. The construction application and installation shall be by a Licensed Master Pipe Fitter, Master Plumber or Master Sprinkler Fitter with St. Louis County, Missouri.

919.5 Inspections: The following inspection shall be conducted during the installation of Fire Main Services and Appurtenance:

1. Pipe/trench inspection shall be conducted while pipe is being installed into trench. No back fill shall be introduced into trench until inspection unless previous approval from fire code official.
2. Proper fill and tamping of fill around pipe. Installation shall be done in accordance with the manufacturer's installation instructions or AWWA installation documents. Rocks are not permitted in accordance with NFPA 24.
3. Thrust block pre-pour inspection. Framed or non-framed.
4. Thrust block pour inspection.
5. Hydrostatic testing is required in accordance with NFPA 24.
6. Flush Inspection. Flush flow shall be through a minimum four inch opening with proper hose or pipe attached. Hose or pipe shall be restrained to prevent injury and or damage. A catch or filter system shall be attached to the end of the hose to prevent debris from causing injury or damage.
7. Additional inspections may be required by the *fire code official* due to project conditions or project requirements.

919.6 Final authority: The authority having jurisdiction shall always be consulted before the installation, upgrading or remodeling of private fire service mains.

CHAPTER 10

SECTION 1008

1008.3.6 add a new section. Insert:

1008.3.6 Circuit identification. All circuits which provide power for emergency lighting shall be identified in each electrical panel.

SECTION 1011

1011.5.2 Exception 3 delete in its entirety. Insert:

1011.5.2 Exception 3:

3. In Group R-3 occupancies, as applicable in Section 101.2, within dwelling units in occupancies in Group R-2, as applicable in Section 101.2, and in occupancies in Group U, which are accessory to an occupancy in Group R-3, as applicable in Section 101.2, the maximum riser height shall be 8.25 inches (210 mm) and the minimum tread depth shall be 9 inches (229 mm), the minimum winder tread depth at the walk line shall be 9 inches (229 mm), and the minimum winder tread depth shall be 6 inches (152 mm). A nosing not less than 0.75 inch (19 mm) but not more than 1.25 inches (32 mm) shall be provided on stairways with solid risers where the tread depth is less than 11 inches (279 mm).

SECTION 1013

1013.3.1 add a new section. Insert:

1013.3.1 Circuit identification. All circuits which provide power for exit signs shall be identified in each electrical panel.

SECTION 1016

1016.2 delete in its entirety. Insert:

1016.2 Egress through intervening spaces. Egress through intervening spaces shall comply with this section.

1. Exit access through an enclosed elevator lobby is permitted. Access to not less than one of the required *exits* shall be provided without travel through the enclosed elevator lobbies required by Section 3006.2, 3007 or 3008 of the *International Building Code*. Where the path of exit access travel passes through an enclosed elevator lobby the level of protection required for the enclosed elevator lobby is not required to be extended to the *exit* unless direct access to an exit is required by other sections of this code.
2. Egress from a room or space shall not pass through adjoining or intervening rooms or areas, except where such adjoining rooms or areas and the area served are accessory to one or the other, are not a Group H occupancy and provide a discernible path of egress travel to an *exit*.

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

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

Exceptions:

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

CHAPTER 32

SECTION 3201

3201.3 add the following exceptions. Insert

15. Signed and sealed construction document from a Missouri Licensed Professional Engineer specializing in Fire Protection, confirming automatic sprinkler system coverage and protection to the stored commodity classifications and allowable storage heights with the installed automatic sprinkler system and protection provided.

CHAPTER 56

SECTION 5601

5601.2.4.3 add a new section. Insert:

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.

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.

5601.7.1 Insurance: The permit holder shall furnish a certificate of comprehensive liability insurance of at least one million dollars 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.

SECTION 5602

5602.1.1 add a new section. Insert:

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 sale and utilization of the types of explosives devices listed herein which are not considered fireworks shall be permitted at all times.

APPENDIX D

Section D101

D101.1.1 add the following section. Insert

D101.1.1 Apparatus Access Road Measurements: Measurements will be from back of curb to back of curb. Incremental road widths will be rounded down to the nearest foot when assessing no parking requirements.

Section D103.5

D103.5 add the following criteria. Insert

9. Electric operated gates shall be equipped with welp siren activation and Knox electric key switch. Switch shall be keyed to the St. Louis Metro Mutual Aid System.
10. Manually operated gates if locked shall be accessible with a Knox padlock keyed to the St. Louis Metro Mutual Aid System.

SECTION 5. AMENDMENTS TO THE INTERNATIONAL EXISTING BUILDING CODE 2021 EDITION, FIRST PRINTING, DECEMBER 2020

The following additions, revisions, insertions, and/or deletions are to made.

CHAPTER 1

SECTION 101

101.1. Revise section:

101.1 TITLE: Replace [NAME OF JURISDICTION] with the "Metro West Fire Protection District."

101.3.1 Revise section:

101.3.1 Wherever "[INSERT NAME OF DEPARTMENT]" appears in such Code, it shall read "Fire Prevention Bureau".

103.1.1 add a new section. Insert:

103.1.1 Wherever "*building official*" appears in such Code, it shall be defined as the Fire Marshal of the Metro West Fire Protection District of St. Louis County, Missouri, or their duly authorized representative.

SECTION 6. AMENDMENTS TO THE INTERNATIONAL MECHANICAL CODE 2021 EDITION, FIRST PRINTING, MARCH 2020

The following additions, revisions, insertions, and/or deletions are to made.

CHAPTER 1

101.1 Title: Replace "[Name of Jurisdiction]" with "Metro West Fire Protection District of St. Louis County, Missouri".

103.1 Creation of agency: Replace "[NAME OF DEPARTMENT]" with "fire prevention bureau of the Metro West Fire Protection District". Also, replace "code official" with "fire marshal".

103.1.1 Wherever "*code official*" appears in such Code, it shall be defined as fire marshal of the Metro West Fire Protection District of St. Louis County, Missouri.

Retain only Chapters 1 and 2 in their entirety, along with Sections 504, 506, 507, 509, 606, 607, and any other section specifically cited in the International Building Code, International Fire Code, or International Existing Building Code. All other chapters and sections shall be deleted.

SECTION 7. AMENDMENTS TO THE INTERNATIONAL PROPERTY MAINTENANCE CODE
2021 EDITION, FIRST PRINTING, SEPTEMBER 2020

CHAPTER 1

101.1 Title: Replace “[Name of Jurisdiction]” with “Metro West Fire Protection District of St. Louis County, Missouri”.

103.1 Creation of agency: Replace “[NAME OF DEPARTMENT]” with “fire prevention bureau of the Metro West Fire Protection District”. Also, replace “code official” with “fire marshal”.

103.1.1 Wherever “*code official*” appears in such Code, it shall be defined as fire marshal of the Metro West Fire Protection District of St. Louis County, Missouri.

CHAPTER 6

Section 605

605.2.1 add a new section. Insert:

605.2.1 Receptacles: All kitchen receptacles that serve countertop surfaces, all bathroom receptacles, all receptacles in an unfinished basement, all outside receptacles, all garage wall receptacles and all receptacles in the crawl space shall be protected by ground fault circuit interrupter (GFCI).

605.5 add a new section. Insert:

605.5 Panel Box: No double lugging allowed within the panel box. One wire per breaker or fuse will be allowed.

605.6 add a new section. Insert:

605.6 Electrical System Hazards: 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.

SECTION 8. 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 9. 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 affect 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 10. DATE OF EFFECT

This Ordinance Number **121** 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 **4th** day of **March**, 2025, and shall become effective as of the **5th** day of **May**, 2025.

EXECUTED BY THE BOARD OF DIRECTORS OF THE METRO WEST FIRE PROTECTION DISTRICT THIS 4th DAY OF MARCH 2025

**APPROVED
BOARD OF DIRECTORS**

By 

By 

By 

STATE OF MISSOURI)
)
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 4th day of March 2025.




Metro West Fire Protection District
By: Mark Macinski, Secretary