

INTRODUCED BY: Councilmember Aleta Klein

DATE: October 9, 2023

BILL NO. 9529

ORDINANCE NO. 7340

AN ORDINANCE AMENDING SECTION 205.020 OF THE MUNICIPAL CODE OF THE CITY OF UNIVERSITY CITY, MISSOURI, RELATING TO ADDITIONS, INSERTIONS, DELETIONS AND AMENDMENTS TO THE INTERNATIONAL FIRE CODE, 2018 EDITION, BY ADDING PROVISIONS ON PREMISES IDENTIFICATION FOR EDUCATIONAL GROUP BUILDINGS.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF UNIVERSITY CITY, MISSOURI, AS FOLLOWS:

Section 1. Section 205.020 of the Municipal Code of the City of University City, Missouri, relating to additions, insertions, deletions and amendments to the International Fire Code, 2018 Edition, is hereby amended by adding provisions on premises identification for educational group buildings, so that said section, as so amended, shall read as follows:

Section 205.020. Additions, Insertions, Deletions and Amendments.

A.

NFPA Standards. All now current or future NFPA Standards shall be referenced and utilized with the exception of NFPA 101, and incorporated herein, by the Fire Marshal, in the interpretation of Sections of the IFC and other codes in order to properly enforce this Section.

B.

The following numbered Sections and Subsections of the International Fire Code, 2018 Edition, as published by the International Code Council, Inc., are hereby amended by additions, insertions, deletions and changes so that such Sections and Subsections shall read as follows:

1.

(CHAPTER 1 SCOPE AND ADMINISTRATION) — (SECTION 101 GENERAL).

101.1 Title. These regulations shall be known as the Fire Code of the City of University City, Missouri, hereinafter referred to as "this code."

2.

(SECTION 103 DEPARTMENT OF FIRE PREVENTION).

103.1 General. The Bureau of Fire Prevention is established within the jurisdiction under the direction of the Code Official. The function of the bureau shall be the implementation, administration and enforcement of the provisions of this code.

103.2 Appointment. Enforcement Official. It shall be the duty and the responsibility of the Chief Executive Officer, designated as the Fire Chief, to enforce the provisions of this code. The Fire Chief shall be the Code Official.

103.2.1 Bureau organization. The Bureau of Fire Prevention shall operate under the direct supervision of the Fire Marshal. The Fire Marshal shall be a uniformed member and chief officer of the Fire Department and operate under the direct supervision of the Fire Chief.

The Fire Marshal shall be appointed on the basis of his/her administrative abilities and qualifications to understand, interpret and enforce the technical provisions of this code. All uniformed members of the Fire Department shall be considered members of the Bureau of Fire Prevention. The Fire Marshal may assign or appoint technical assistants, inspectors or other employees that may be necessary for the effective and efficient operation of the Bureau of Fire Prevention. All appointments to the bureau shall be made in conformance with the provisions of the Municipal Code.

103.3 Bureau members code enforcement duties and authority. The Fire Marshal, and all properly assigned or appointed members of the Bureau of Fire Prevention shall have the duty to assist the Fire Chief in the administration and enforcement of the provisions of this code. As agents of the Fire Chief, all properly assigned or appointed members of the Bureau of Fire Prevention shall have the authority to exercise all the powers of the Code Official as detailed within this code.

3.

(SECTION 104 GENERAL AUTHORITY AND RESPONSIBILITIES).

104.6 Official records. The Fire Code Official shall keep official records as required by Sections 104.6.1 through 104.6.4. Such official records shall be retained for the period required for retention of public records.

104.11.4 Compliance with orders. A person shall not willfully fail or refuse to comply with any lawful order or direction of the Fire Official or interfere with the compliance attempts of another individual.

4.

(SECTION 105 PERMITS).

105.1.2 Types of permits

There shall be two (2) types of permits as follows:

1. Operational permit. An operational permit allows the applicant to conduct an operation or a business for which a permit is required by Section 105.6 for either:
 - 1.1. A prescribed period as determined by the Fire Code Official for operations that only occur once or are not ongoing.
 - 1.2. For ongoing operations, the operational permit shall be issued for a period not exceeding a year or until revoked.
2. Construction permit. A construction permit allows the applicant to install or modify systems and equipment for which a permit is required by Section 105.7. Construction permits will be administered by the applicable Building Code, Residential Code, Mechanical Code, Fuel Gas Code, Electrical Code, Plumbing Code, Existing Building Code, Energy Conservation Code, or Swimming Pool and Spa Code.

105.6.51 Premises identification. An operational permit is required. The plan shall be submitted and reviewed annually by August 1 of each year. Premises identification permits shall be issued at no charge.

105.6.90 Places of education. An operational permit is required to operate or occupy an educational occupancy.

105.6.91 Places of high residency or transient residency. An operational permit is required to operate or occupy any "R-1" occupancy building, "R-2" occupancy building with more than eight (8) dwelling units, and "R-4" occupancy buildings.

105.6.92 Places of institutional care. An operational permit is required to operate or occupy an institutional occupancy.

105.7.26 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.

5.

(SECTION 106 FEES).

106.2 Schedule of permit fees. A fee for each permit shall be paid as required, in accordance with the following schedule:

1. Construction permit fees shall be paid as set forth in the Building Code, Residential Code, Mechanical Code, Fuel Gas Code, Electrical Code, Plumbing Code or Energy Conservation Code, and the fee shall include the cost of ensuring compliance with this code.
2. Operational permit applications shall include an application fee of thirty-five dollars (\$35.00).
3. Trips to the property where an inspection could not be performed because the work was not ready, the area of inspection could not be accessed, or similar situation, shall be billed at thirty-five dollars (\$35.00) per missed inspection.
4. Additional inspections in excess of the first inspection and one (1) re-inspection shall be billed at thirty-five dollars (\$35.00) per inspection.

6.

(SECTION 109 BOARD OF APPEALS).

109.1 General. University City Building Code Section 113 shall be applicable for all appeals involving this code.

109.2 Limitations on authority. Delete in its entirety.

109.3 Qualifications. Delete in its entirety.

7.

(SECTION 110 VIOLATIONS).

110.4 Violation penalties. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair or do work in violation of the approved construction documents or directive of the Fire Code Official, or of a permit or certificate issued under the provision of this code, shall be guilty of an ordinance violation, punishable as provided in Section 100.190 of the University City Municipal Code. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

8.

(SECTION 112 STOP WORK ORDER).

112.4 Failure to comply. Any person who shall continue any work 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 condition, shall be guilty of an ordinance violation, punishable as provided in Section 100.190 of the University City Municipal Code.

9.

(SECTION 114 UNSAFE CONDITIONS).

114.1 General. Whenever the Code Official shall find in any structure or upon any premises dangerous or hazardous conditions or materials as follows, the Code Official shall order such hazardous conditions or materials to be removed or remedied in accordance with the provisions of

this code:

1. Hazardous conditions liable to cause or contribute to the spread of fire in or on said premises or structure or endanger the occupants thereof;
2. Conditions that interfere with the efficiency or operation of any fire protection equipment or system;
3. Obstructions to or on fire escapes, stairs, passageways, doors or windows, that are liable to interfere with the egress of occupants or the operation of the Fire Department in case of fire;
4. Accumulations of dust or waste material in air-conditioning or ventilating systems or grease in kitchen or other exhaust ducts;
5. Accumulations of grease on kitchen cooking equipment, or oil, grease or dirt upon, under or around any mechanical equipment;
6. Accumulations of rubbish, waste, paper, boxes, shavings or excessive storage of any combustible material;
7. Hazardous conditions arising from defective or improperly utilized or installed electrical wiring, equipment or appliances;
8. Hazardous conditions arising from defective or improperly installed equipment for handling or using combustible, explosive or otherwise hazardous materials;
9. Dangerous or unlawful amounts of combustible, explosive or otherwise hazardous materials;
10. All equipment, materials, processes or operations that are in violation of the provisions or intent of this code; and
11. Vehicles or equipment that impairs or obstructs Fire Department access to an occupied structure hindering or delaying Fire Department operations in case of an emergency.

10. (SECTION 404 FIRE SAFETY, EVACUATION AND LOCKDOWN PLANS).

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

11. (SECTION 408 PREMISES IDENTIFICATION).

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

Exception: Previously approved signage shall be permitted until July 31, 2024.

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 Fire Code Official.

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 Fire Code Official. *(Recommended, not required, assign the zone with the main entrance RED and proceed clockwise with ORANGE, YELLOW, GREEN, BLUE, PURPLE)*

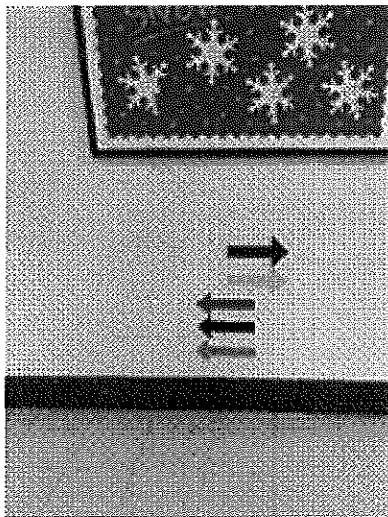
408.2.3 Zone level consistency. Zone color assignment shall be consistent on all grades of multilevel structures.

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 Sections 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 Sections 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).



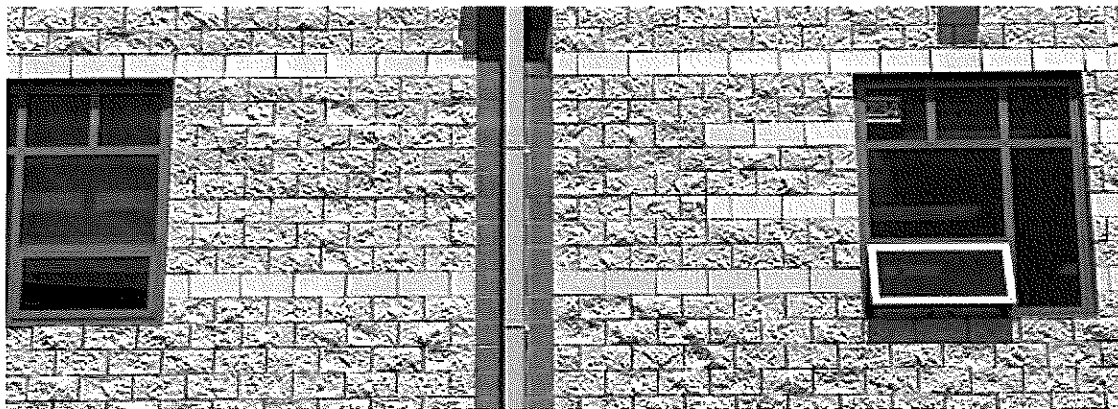
408.4.3.2 Ingress/corridor side of door. Room numbers shall be placed above the door and shall be readable from all angles from the hallway or area to which they open. The numbers shall be in white on a background of the zone color. Each character shall be not less than 4 inches (102 mm) high with a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

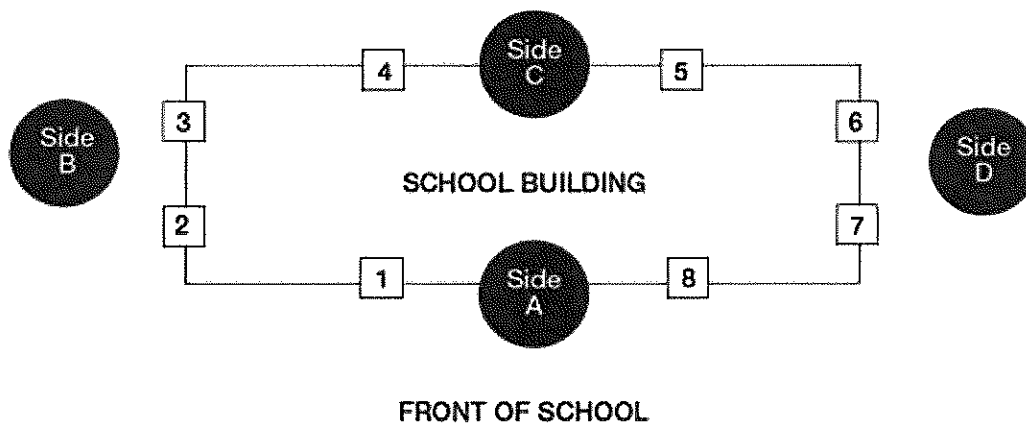
408.4.4.1 Placement. Room numbers shall be placed on the left-most window when viewed from outside the building.

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 Sections 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.



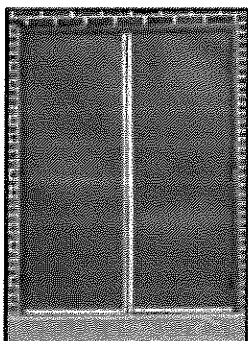
FRONT OF SCHOOL

Responders typically identify the front of the school as "Side A"

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



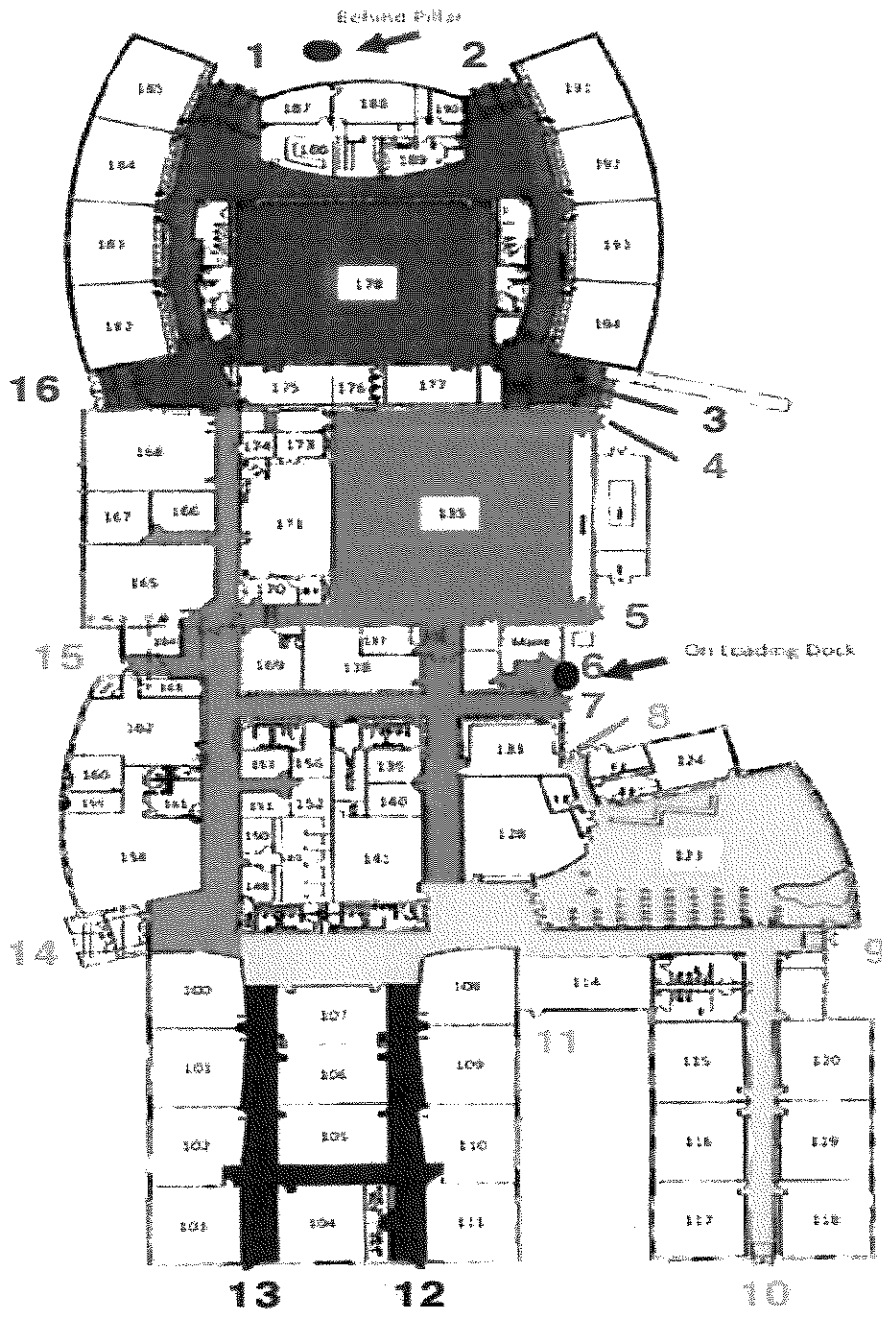
408.5.5 Exterior access to corridors. Doors that provide access directly to a corridor shall be marked with the door number on a retro-reflective block in the corridor zone color per Section 408.3.



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.

While not required, facilities are highly encouraged to place large maps showing the rooms/hallway identifiers near the main entrance for use by emergency response personnel.

sample



12.

(SECTION 506 KEY BOXES).

506.3 Location of Knox Key Box. The key box shall be located between four (4) and six (6) feet above finished grade but can be located at other heights at the discretion of the Fire Marshal and his/her designee. A Knox key box shall be required on all commercial buildings that have fire alarm systems and/or sprinkler systems.

13.

(SECTION 510 EMERGENCY RESPONDER RADIO COVERAGE).

510.4 Radio Signal Strength. The building shall be considered to have acceptable emergency responder radio coverage when signal strength measurements in ninety-five percent (95%) of all areas on each floor of the building meet the signal strength requirements in Sections 510.4.1.1 and 510.4.1.2, or method approved by the Fire Code Official. 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.

14.

(SECTION 606 — ELEVATOR OPERATION, MAINTENANCE AND FIRE SERVICE KEYS).

606.8.5 Elevator Car to Accommodate Ambulance Stretcher. All new elevators, unless approved by the Fire Marshal, shall be designed to accommodate an ambulance stretcher. The doors to the elevator shall open so that the entire stretcher can be rolled into the elevator car in the full, flat position. The elevator car shall be of such a size and arrangement to accommodate an ambulance stretcher twenty-four (24) inches by eighty-four (84) inches (610 mm by 2,134 mm) with not less than five (5) inch (127 mm) radius corners, in the horizontal, open position and shall be identified by the international symbol for emergency medical services (star of life). The symbol shall not be less than three (3) inches (76 mm) high and shall be placed inside on both sides of the hoist-way door frame.

15.

(CHAPTER 56 EXPLOSIVES AND FIREWORKS) — (SECTION 5601 GENERAL).

5601.1.3 Fireworks. The possession, manufacture, storage, sale, handling and use of fireworks are prohibited.

Exceptions:

1. Storage and handling of fireworks as allowed in Section 5604.
2. Manufacture, assembly and testing of fireworks as allowed in Section 5605.
3. The use of fireworks for fireworks displays as allowed in Section 5608.

16.

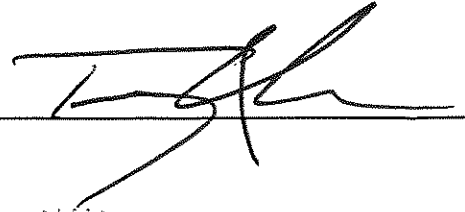
(SECTION 5609 TEMPORARY STORAGE OF CONSUMER FIREWORKS).

5609.1 General. Delete in its entirety.

Section 2. This ordinance shall take effect and be in force from and after its passage as provided by law.

PASSED and ADOPTED this 23rd day of October, 2023.

MAYOR



ATTEST:

LaRette Beese
CITY CLERK

CERTIFIED TO BE CORRECT AS TO FORM:

John W. McQuinn
CITY ATTORNEY

