

ORDINANCE NO. _____

ORDINANCE: To Amend Chapter 9 of the Rockville City Code, Entitled “Fire Code,” to Adopt the 2024 Editions of the Fire Code (NFPA 1) and the Life Safety Code (NFPA 2024), and All Associated NFPA Codes or Standards Incorporated by Reference and the Latest Editions of Certain Other NFPA Codes Not Incorporated by Reference Into NFPA1 or NFPA101, With Certain Additions, Deletions, and Modifications

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF ROCKVILLE, MARYLAND as follows:

SECTION I - That Chapter 9 of the Rockville City Code, entitled “Fire Code,” be amended as follows:

Chapter 9

FIRE CODE

ARTICLE I. IN GENERAL

Sec. 9-1. Scope.

This chapter shall apply to the construction, alteration, addition, repair, removal, demolition, use, location, occupancy, and/or maintenance of all buildings, structures, properties and their service equipment, within the City of Rockville. It supersedes Ordinance No. 8-75, adopted June 2, 1975. Its purpose is to adopt the 2024~~2018~~ editions of the Fire Code (NFPA 1) and the Life Safety Code (NFPA 101), and all associated NFPA codes or standards incorporated by reference and the latest editions of certain other NFPA codes not incorporated by reference into NFPA 1 or NFPA 101, with modifications necessary to achieve uniformity and consistency with certain State of Maryland, Montgomery County, and City of Rockville laws and ordinances, as well as certain Planning and Development Services policies and procedures. Where this ordinance differs from any other City of Rockville ordinances or the State of Maryland Fire

Prevention Code (COMAR 29.06.01), it does not preempt or negate any more restrictive provisions adopted or enacted by those ordinances and the more restrictive provision(s) shall apply.

The provisions of this chapter shall not apply to any building, area or premises within the City, which is owned by any department or agency of the Government of the United States or the State of Maryland.

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Sec. 9-17. Permits.

(a) ~~{Issuance.}~~ No activity requiring a permit by this article shall be undertaken prior to the issuance of a permit.

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(j) *Expiration.* Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within one hundred and eighty (180) days after its issuance, or if the work authorized by such permit does not continue to progress or is abandoned for a period of six (6) months after the last approved/valid inspection. A failed inspection will not count as an approved/valid inspection. If a permit becomes invalid, a new permit must be obtained, including payment of the appropriate fees per the City's Fee Schedule adopted by resolution of the Mayor and Council, before work recommences.

(k) *Extensions.* The building official may extend the time for action by the permittee if there is reasonable cause. A permittee holding an unexpired permit shall have the right to apply for an extension, in writing, for time to complete such work. The extension shall be requested for a justifiable cause. ~~six (6) months after its issuance, or if the work authorized by such permit does not continue to progress or is abandoned for a period of six (6) months after the~~

~~last approved/valid inspection. Before such work re-commences, a new permit shall be first obtained, and the appropriate fees shall be paid. The authority having jurisdiction can extend the time for action by the permittee if there is reasonable cause. A permittee holding an unexpired permit shall have the right to apply for an extension, in writing, for time to complete such work. The extension shall be requested for a justifiable cause.~~

~~The fees shall be one half (1/2) the amount required for a new permit for such work, provided no changes have been made or will be made in the original construction documents for such work. Any person who commences work before obtaining the necessary permits shall be subject to, an investigation fee as set forth by resolution, and one hundred (100) percent of the usual permit fee.~~

Sec. 9-18. Inspections and testing.

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(b) Licensed vendors responsible for inspecting, testing, and maintaining fire protection and life safety systems must submit their inspection reports and all necessary documentation to the City of Rockville's third-party reporting system within 30 days of the inspection.

(c) Inspection reports for fire alarms, sprinkler systems, generators, private hydrants, fire pumps, standpipes, fire/smoke dampers, and all other fire protection and life safety systems managed by the third-party vendor must be submitted annually or according to the minimum inspection frequency specified in NFPA 1.

(d) Reports for listed hoods, containing mechanical or fire-actuated dampers, internal washing components, or other mechanically operated devices shall be inspected and tested by properly trained, qualified, and certified persons every 6 months or at frequencies recommended

by the manufacturer in accordance with their listing. Reports for commercial kitchen exhaust cleaning for grease buildup must be submitted in accordance with the schedule of inspections per NFPA 96 to the third-party vendor. These submissions must include digital photographs of the hood, ductwork, and exhaust fans taken before and after the required cleanings.

(e) Nothing in this article shall be construed to require actual testing of facilities when in the judgment of the administrative authority such testing is unnecessary. No testing deemed necessary by the administrative authority shall be prohibited. In the case of discretionary action in determinations of the administrative authority under the provisions of this article, the relevant facts shall be considered and determinations made in the exercise of reasonable discretion and all such determinations shall be final in the absence of abuse of discretion.

(fe) Where an additional inspection under this section is made necessary by failure to complete or properly perform the work inspected, or by failure of work tested to withstand tests, such additional inspection shall not be made until the person requesting such inspection shall pay to the administrative authority the fee established by the resolution.

(gd) Protection of trade secrets. Any information reported to or otherwise obtained by the City Fire Marshal or designee of the City Fire Marshal in connection with a permit application or inspection that contains or might reveal a trade secret is, to the extent permitted by state law, confidential.

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(he) Acceptance tests. It shall be unlawful to occupy any building, property, structure or any portion thereof until required fire protection systems have been tested, accepted, and approved by the City Fire Marshal or designee of the City Fire Marshal.

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ARTICLE III. DANGEROUS BUILDINGS

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Sec. 9-43. Historic buildings or structures.

~~Under all circumstances, the~~ The Historic District Commission must approve exterior alterations, including demolition, to a property, building, or structure within a Historic District Zone as required by City Code Chapter 25, "Zoning Ordinance," ~~before demolition or exterior alterations that are not considered in-kind repairs may occur.~~

~~In addition, any building or structure that is not in a Historic District Zone but is identified in the Historic Building Catalog, as revised, that is the subject of an application for nomination, historic evaluation, or demolition permit may not be demolished during the historic designation review period, unless authorized by the City Manager per section 9-45, Emergencies. Exterior alterations may not occur during this period unless the property owner receives a certificate of approval from the Historic District Commission as required by the City Zoning Ordinance, Subsection 25.22.05.~~

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Sec. 9-51. Duties of the Fire Department.

The employees of the Fire Department are requested to make a report in writing to the Chief of Inspection Services Division or City Fire Marshal of all buildings or structures that are, may be, or are suspected to be dangerous buildings. Any employee of the Fire Department should deliver such reports to the Chief of Inspection Services Division ~~or the~~ within twenty-four (24) hours of the discovery of such buildings.

Sec. 9-52. Duties of the Police Department.

All employees of the Police Department shall make a report in writing to the Chief of Inspection Services Division or City Fire Marshal of any buildings or structures that are, may be, or are suspected to be dangerous buildings. Such reports must be delivered to the Chief of Inspection Services Division or the City Fire Marshal within twenty-four (24) hours of the discovery of such buildings by any employee of the Police Department.

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ARTICLE IV. FIRE PREVENTION CODE

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DIVISION 3. TECHNICAL STANDARDS

Sec. 9-73. NFPA 1, Fire Code—Adopted.

The NFPA 1, Fire Code, 2024~~2018~~ Edition, as issued by the National Fire Protection Association, is hereby adopted by reference, except as amended by section 9-74 of this chapter. One (1) copy of such publication, as adopted, shall be maintained by the Inspection Services Division in the City Hall and made available for inspection by the public during regular office hours. Any amendment or change in such code promulgated by the NFPA shall not become part of this article until the modifications have been duly adopted by ordinance.

Sec. 9-74. Same—Amendments.

The NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended in the following respects:
Section 1.7.12.2 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended by adding the following sentence:

The AHJ shall be authorized to require plans to bear the stamp of a registered design professional.

~~*Section 1.9* of the NFPA 1, Fire Code, 2018 Edition, is deleted.~~

Section 1.110 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is deleted.

~~Subsection 1.11.3 of the NFPA 1, Fire Code, 2018 Edition, is deleted.~~

Section 1.12 of the NFPA 1, Fire Code, 2024 Edition, is deleted.

Subsection 1.132.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding Paragraph 1.132.1.1 to read as follows:

1.132.1.1 Permits, certificates, notices, approvals, or orders required by this code shall be governed by the policies and procedures of the AHJ.

Subsection 1.132.6.13 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

1.132.6.13 Permits may be issued by the AHJ and shall indicate the following:

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Subsection 1.132.8 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

1.132.8 Where additional permits, approvals, certificates, or licenses are required by other agencies, approval may be obtained from those other agencies.

Subsection 1.143.2 of the NFPA 1, Fire Code, ~~2024~~2018 Edition is amended to read as follows:

1.143.2 The AHJ may require certificates of fitness and collect fees for individuals or companies performing any of the following activities:

- (1) Use of explosive materials
- (2) Fireworks displays involving display fireworks

Section 1.143.12.4 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is deleted.

Section 1.176.4.3 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is deleted.

Section 2.1.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended as follows:

Where permitted by the AHJ, compliance with subsequent editions of reference publications shall be considered evidence of compliance with the editions specified in this Code

Section 2.1.1.1 of the NFPA 1, Fire Code, 2024 Edition, is amended as follows:

Where permitted by the AHJ, compliance with subsequent editions of reference publications shall be achieved by complying with the entire subsequent edition of the referenced publication.

Section 2.1.1.2 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended as follows:

Where permitted by the AHJ, compliance with individual specific sections contained subsequent edition referenced publications, and not the entire reference publication, shall only be approved by the AHJ through technical documentation submitted in compliance with 1.4.1 or 1.4.2.

Section 2.2 of the NFPA 1, Fire Code, ~~2024~~2018-Edition, is amended as follows:

Delete the referenced publication NFPA 5000, Building Construction and Safety Code, ~~2024~~2018 edition.

Add Rockville City Code, Chapter 5, Buildings and Building Regulations. Wherever NFPA 5000 is referenced, other than for extracted text, substitute Rockville City Code, Chapter 5, Buildings and Building Regulations.

Delete the referenced publication NFPA 150 Standard on Fire and Life Safety in Animal Housing Facilities, ~~2022~~16 Edition.

Section 2.4 of the NFPA 1, Fire Code, 2024 Edition, is amended as follows:

Delete the referenced publication NFPA 5000, Building Construction and Safety Code, 2024 edition.

Add Rockville City Code, Chapter 5, Buildings and Building Regulations. Wherever NFPA 5000 is referenced, other than for extracted text, substitute Rockville City Code, Chapter 5, Buildings and Building Regulations.

Paragraph 3.3.17 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

3.3.17.12 Consumer Fireworks Retail Sales Area. The portion of a consumer fireworks retail sales facility or store, including the immediately adjacent aisles, where consumer fireworks are located for the purpose of retail display and sale to the public.

Paragraph 3.3.1360 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

*3.3.1360 Fireworks**. Any composition or device for the purpose of producing a visible or audible effect for entertainment purposes by combustion, deflagration or detonation, and that meets the definition of Consumer Fireworks or Display Fireworks as set forth in NFPA 1124, and as referenced in Public Safety Article, § 10-101, Annotated Code of Maryland.

Paragraph 3.3.1360.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition is amended to read as follows:

3.3.1360.1 Display Fireworks.* Large fireworks devices that are explosive materials intended for use in fireworks displays and designed to produce visible or audible effects by combustion, deflagration, or detonation, as set forth in CFR 555, 49 CFR 172, APA87-1, Standard for Construction and Approval for Transportation of Fireworks, Novelties, and Theatrical Pyrotechnics, and as referenced in Public Safety Article 10-101, Annotated Code of Maryland.

Section 3.3.175 of the NFPA 1, Fire Code, 2024 Edition, is deleted.

Paragraph 3.3.~~203192~~.6 of the NFPA 1, Fire Code, ~~20242018~~ Edition, is amended to read as follows:

3.3.~~203192~~.6* *Day-Care Home*. A building or portion of a building in which not more than twelve (12) clients receive care, maintenance, and supervision, by other than their relative(s) or legal guardian(s), for less than twenty-four (24) hours per day.

Paragraph 3.3. ~~203192~~.7 of the NFPA 1, Fire Code, ~~20242018~~ Edition, is amended to read as follows:

3.3.~~203192~~.7* *Day-Care Occupancy*. An occupancy in which clients receive care, maintenance, and supervision, by other than their relatives or legal guardians, for less than twenty-four (24) hours per day.

Paragraph 3.3.~~203192~~.25 of the NFPA 1, Fire Code, ~~20242018~~ Edition, is amended to read as follows:

3.3.~~203192~~.25 *One- and Two-Family Dwelling*. One- and two-family dwellings include buildings containing not more than two (2) dwelling units in which each dwelling unit is occupied by members of a single family with not more than five (5) unrelated individuals.

Paragraph 3.3.~~203192~~.28 of the NFPA 1, Fire Code, ~~20242018~~ Edition, is amended to read as follows:

3.3.~~203192~~.28* *Residential Board and Care Facility*. An occupancy used for lodging and boarding of six (6) or more residents, not related by blood or marriage to the owner or operators, for the purpose of providing personal care services.

Paragraph 4.5.8.1 of the NFPA 1, Fire Code, ~~20242018~~ Edition, is amended to read as follows:

4.5.8.1 Whenever or wherever any device, equipment, system, condition, arrangement, level of protection, fire-resistive construction, or any other feature is required, such device, equipment, system, condition, arrangement, level of protection, fire-resistive construction, or other feature shall thereafter be continuously maintained in accordance with applicable NFPA requirements or requirements developed as part of a performance-based design, or as directed by the AHJ.

Paragraph 4.5.8.3 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

4.5.8.3* Existing life safety features obvious to the public, tenants, or occupants, and where not required, shall be either maintained or removed.

Paragraph 6.1.4.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

6.1.4.1* *Definition - Day-Care Occupancy.* An occupancy in which clients receive care, maintenance, and supervision, by other than their relatives or legal guardians, for less than twenty-four (24) hours per day.

Paragraph 6.1.8.1.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

6.1.8.1.1* *Definition - One- and Two-family Dwelling Unit.* A building that contains not more than two dwelling units, each dwelling unit occupied by members of a single family with not more than five unrelated individuals.

Paragraph 6.1.9.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

6.1.9.1* *Definition - Residential Board and Care Facility.* A building or portion thereof that is used for lodging and boarding of six (6) or more residents, not related by blood or marriage to the owner or operators, for the purpose of providing personal care services.

Subsection 10.1.2 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

10.1.2 Life Safety Code.* Every new and existing building shall comply with this Code and NFPA 101, Life Safety Code except as amended by Chapter 9, Fire Code, of the Rockville City Code.

Paragraph 10.2.7.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

10.7.2.1 Fire prevention inspections shall occur on existing premises in accordance with the minimum inspection frequency schedule specified by the AHJ and Table 10.2.7.1

Annex A of the NFPA 1, Fire Code, 2024 Edition, is amended to add the following new paragraph:

A.10.2.7.1 The frequency of fire prevention inspections of existing buildings should be based upon a risk assessment of these properties completed by the responsible AHJ. Considerations for this assessment should include, but not be limited to, the occupancy classification of the building and hazards associated with that classification; the number, location, and physical and mental capabilities of potential building occupants (especially self-evacuation abilities); construction design and maintenance of the property; fire protection features of the building; special hazards associated with activities or operations conducted within the building; available fire department suppression resources with special consideration to necessary special suppression operations; and resources available for fire code inspections and enforcement actions.

Subsection 10.54.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

10.54.1 No person shall fail to leave a building when notified to do so when directed by the AHJ or incident commander as a result of a known or perceived emergency.

Subsection 10.54.2 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

10.54.2 Persons shall not fail to leave any overcrowded premises when ordered to do so by the AHJ or Incident Commander.

Paragraph 10.10.6.1 of the NFPA 1, Fire Code, 20242018 Edition, is amended to read as follows:

10.10.6.1 Unless permitted by 10.10.6.2, for other than one- and two-family dwellings, outdoor cooking appliances, grills, or other similar devices intended for cooking, heating, or any other purpose shall not be used, kindled, or stored in any of the following locations: (1) on any balcony; (2) under any overhanging portion of a structure; or (3) within 20 ft (6.1 m) of any structure. For other than one- and two-family dwellings, no hibachi, gas-fired grill, charcoal grill, or other similar devices used for cooking, heating, or any other purpose, shall be used or kindled on any balcony or under any overhanging portion, or within 15 ft. (4.6m) of any structure.

Paragraph 10.10.6.23 of the NFPA 1, Fire Code, 20242018 Edition, is deleted.

Section 10.10 of the NFPA 1, Fire Code, 20242018 Edition, is amended by adding Subsection 10.10.11 to read as follows:

10.10.11 Fire Pits, Fire Bowls, Chimineas, and Similar Devices.

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10.10.11.2 Use of these devices shall be in accordance with the manufacturer's guidelines.

10.10.11.3 No fire pit, fire bowl, chiminea, or similar device shall be used on any balcony or under any overhanging portion, or within 2015 ft. (6.12.7 m) from any building or structure, and no less than 3 ft. (0.9 m) from combustible materials.

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Paragraph 10.11.1.1 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended to read as follows:

10.11.1.1 New and existing buildings shall have premises identification conforming to the requirements of Chapter 9, Article II of the Rockville City Code.

Subsection 10.11.1 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended by adding Subparagraph and Paragraph as follows:

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Paragraph 10.11.1.2 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended to read as follows:

10.11.1.2 Premises identification shall be in accordance with Chapter 9, Article II of the Rockville City code.

Paragraph 10.11.1.3 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

10.11.1.3 Premises identification shall contrast with their background.

Paragraph 10.11.1.4 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

10.11.1.4 Premises identification shall be Arabic numerals or alphabet letters

Paragraph 10.11.1.6 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

10.11.1.6 Where required by the AHJ, the assignment of addresses to buildings shall be in accordance with an approved method.

Paragraph 10.11.1.7 of the NFPA 1, Fire Code, 2024 Edition, is deleted.

Paragraph 10.11.1.86 of the NFPA 1, Fire Code, 2018 Edition, is amended to read as follows:

10.11.1.86 Premises Identification for suites within a multiple tenant building or complex shall be individually identified in a manner approved by the AHJ.

~~*Paragraph 10.11.1.7* of the NFPA 1, Fire Code, 2018 Edition, is amended to read as follows:~~

~~10.11.1.7 Premises identification shall contrast with their background.~~

~~Paragraph 10.11.1.3 of the NFPA 1, Fire Code, 2018 Edition, is amended to read as follows:~~

~~10.11.1.8 Premises identification shall be Arabic numerals or alphabet letters.~~

~~Subsection 10.11.4 of the NFPA 1, Fire Code, 20242018 Edition, is added to read as follows:~~

~~10.11.4 Fire Department Access Signage~~

~~10.11.4.1 Signage required by Chapter 9, Fire Code, of the Rockville City Code shall comply with requirements of the City of Rockville Fire Department Access and Signage Manual, unless otherwise permitted by the AHJ.~~

~~Paragraph 10.13.1.1 of the NFPA 1, Fire Code, 2018 Edition, is amended as follows:~~

~~10.13.1.1 Unless otherwise approved by the AHJ, Christmas tree placement within buildings shall comply with 10.13.1.1~~

~~Subsection 10.13.1 of the NFPA 1, Fire Code, 2018 Edition, is amended by adding Paragraph 10.13.1.2 as follows:~~

~~10.13.1.2 The AHJ shall:~~

- ~~(1) — Approve the placement of a natural cut or balled tree;~~
- ~~(2) — Limit the number of natural cut or balled trees displayed; and~~
- ~~(3) — Order the removal of any tree if the tree poses a hazard to life or safety.~~

~~Paragraph 10.13.3.1 of the NFPA 1, Fire Code, 2018 Edition, is amended to read as follows:~~

~~10.13.3.1 Artificial vegetation and artificial Christmas trees shall be labeled or otherwise identified or certified by a testing laboratory recognized by the Office of the State Fire Marshal.~~

~~Subsection 10.13.9.1 of the NFPA 1, Fire Code, 2018 Edition, is amended to read as follows:~~

~~10.13.9.1 Where a natural cut tree is permitted, the bottom end of the trunk shall be cut off with a straight fresh cut at least 2 in. (50 mm) above the end prior to placing the tree in a stand to allow the tree to absorb water. A natural cut tree shall not exceed 10 ft. (3 m) in height, excluding the tree stand.~~

Subparagraph 10.14.11.2.6 of the NFPA 1, Fire Code, ~~2018~~ 2024 Edition, is amended to read as follows:

~~10.14.12.2.6~~ A fuel break of a minimum of 20 ft. (6.1 m) wide shall be cleared between a crop maze and any vehicles, buildings, or vegetation outside the maze.

Paragraph 10.15.5.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

10.15.5.1 Unless otherwise approved by the AHJ, portable and vehicle-mounted generators shall only be operated outdoors a minimum of 20 ft (6.1 m) from any building openings including windows, doors and air intakes.

Paragraph A.10.15.5.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

A.10.15.5.1 For the purposes of reducing the distances between the operation and refueling of portable and vehicle-mounted generators and any building or enclosure opening, including windows, doors, and air intakes, one or more of the following conditions may be considered:

- (1) Nature of the occupancy of the building or enclosure.
- (2) Expected duration of generator use.
- (3) Use of certified low CO emission generators.
- (4) Actual available distance between the generator and building or enclosure openings.
- (5) Installation of approved CO detection within the building or enclosure.
- (6) Openness of building or enclosure perimeter walls and ceiling.

(7) Physical barriers or other means to deflect generator exhaust from building or enclosure openings.

Section 10.165 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding Subsection 10.165.6 to read as follows:

10.165.6 The AHJ shall have the authority to require that outdoor storage of any combustible material be enclosed by an approved fence or other protective enclosure to prevent unauthorized access.

Subsection 10.165.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

10.165.1 Outside storage of combustible materials shall not be located within 15 ft. (4.6 m) of a property line, building, or adjacent pile of combustible material. The separation distance shall be allowed to be increased where the AHJ determines that a higher hazard to the adjoining property exists.

Subsection 10.165.5 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

10.165.5 Combustible storage in the open shall not exceed 20 ft. (6.1m) in height and 10,000 ft² in area.

Subsection 10.198.7 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended as follows:

10.198.7 Fueled Equipment. Fueled equipment ~~shall~~, including but not limited to motorcycles, mopeds, lawn-care equipment, and portable cooking equipment, shall not be stored, operated, or repaired on any balcony, under any overhanging portion, or within a building except under one of the following conditions:

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Subsection 10.21.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

10.21.1 Where one or more powered micromobility devices will be charged inside or within 15 ft (4.6 m) of a building or structure, the charging operation shall be in accordance with Section 10.21.

Subsection 10.21.4(3) of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

10.21.4

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(3) Storage of combustible materials, combustible waste, or hazardous materials shall not be permitted within 15 ft (4.6 m) of the charging equipment.

Section 11.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding Subsection 11.1.7.1.2 to read as follows:

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Section 11.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding Subsection 11.1.9 to read as follows:

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Paragraph 11.1.5.6 of the NFPA 1, Fire Code, 2024 Edition, is amended to delete existing wording and read as follows:

11.1.5.6. Extension cords shall not be used as a substitute for permanent wiring.

Paragraph 11.1.7.3 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding Subparagraph 11.1.7.3.2 as follows:

11.1.7.3.2 Doors into electrical control panel rooms shall be marked with a plainly visible and legible sign stating ELECTRICAL ROOM or similar approved wording in contrasting letters no less than 1 in. (25 mm) high and not less than ¼ in. (6.4 mm) in stroke width.

Section 11.2 of the NFPA1, Fire Code 2024 Edition, is amended by adding subsection 11.2.1.1 to read as follows.

11.2.1.1 Duct smoke detection shall be added on both the supply and return sides of all new, altered, extended, or renovated HVAC systems exceeding 2,000 CFM.

Paragraph 11.3.6.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding Subparagraph 11.3.6.1.1 to read as follows:

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Subsection 11.9.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

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*Paragraph 11.10.2** of the NFPA 1, Fire Code, 2024 Edition, is amended by adding Subparagraph 11.10.2.1 to read as follows:

11.10.2.1 All newly constructed below-ground floors of a building, all floors in buildings greater than 25,000 sq.ft per floor, and all floors of buildings greater than three (3) stories in height must meet minimum emergency radio communication system performance criteria adopted by Montgomery County Department of Technology Services. Proof that minimum performance criteria are met must be provided in writing to the AHJ, and testing shall comply with the following:

(a) Performance testing shall be performed in accordance with the technical standards for systems and testing personnel established by Montgomery County Department of Technology Services.

(b) Compliance testing shall be performed at the time of occupancy and annually thereafter.

(c) All testing, design, installation and maintenance required must be performed by personnel approved by the City of Rockville Fire Marshal.

Exception: The requirements of this section shall not apply to one- and two-family dwellings or townhomes.

Paragraph 12.6.9.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to add Subparagraph:

12.6.9.1 Unless otherwise approved by the AHJ, Christmas tree placement within buildings shall comply with 12.6.9.1.

Subsection 12.6.9.1 of the NFPA 1, Fire Code, 2024 Edition, is amended by adding Paragraph 12.6.9.2 as follows:

12.6.9.2 The AHJ shall:

- (1) Approve the placement of a natural cut or balled tree;
- (2) Limit the number of natural cut or balled trees displayed; and
- (3) Order the removal of any tree if the tree poses a hazard to life or safety.

Paragraph 12.6.9.5 of the NFPA 1, Fire Code, 2024 Edition, is amended to add Subparagraph 12.6.9.5.3:

12.6.9.5.3 Combustible artificial decorative vegetation shall be tested by a laboratory recognized by the Office of the State Fire Marshal.

Subsection 12.6.9.6.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

12.6.9.6.1 Where a natural cut tree is permitted, the bottom end of the trunk shall be cut off with a straight fresh cut at least 2 in. (50 mm) above the end prior to placing the tree in a stand to allow the tree to absorb water. A natural cut tree shall not exceed 10 ft. (3 m) in height, excluding the tree stand.

Paragraph 13.1.9 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding Subparagraph 13.1.9.1 and to read as follows:

13.1.9.1(1) Where a required fire protection system is impaired or out of service for more than four (4) hours in a twenty-four (24) hour period, mitigating measures shall be in accordance with Section 9-14 of the Rockville City Code.

~~(2)13.1.9.1~~ Fire sprinkler systems impaired or out of service for more than ten (10) hours in a twenty-four (24) hour period, mitigating measures shall be in accordance with Section 9-14 of the Rockville City Code.

Section 13.1 is amended to add the following Subsection, 13.1.14.

13.1.14 Appearance of Equipment. The AHJ shall be permitted to prohibit any device that has the physical appearance of a life safety or fire protection function but does not perform that life safety or fire protection function.

Paragraph 13.1.3.1 is amended to read as follows:

13.1.3.1 Basic Testing. Where required by the AHJ Chapters 11 through 43 of NFPA 101, installations involving two or more integrated fire protection or life safety systems shall be tested to verify the proper operation and function of such systems in accordance with 13.1.3.1.1 and 13.1.3.1.2. [101:9.11.4.1]

Paragraph 13.1.3.2 is amended to read as follows:

13.1.3.2 NFPA 4 Testing. Where required by the AHJ or 9.3.5 or Chapters 11 through 43 of NFPA 101, the following integrated fire protection and life safety systems shall be tested in accordance with 13.1.3.1 and 13.1.3.2.1 through 13.1.3.2.2:*

(1) Integrated fire protection and life safety systems in high-rise buildings

(2) Integrated fire protection and life safety systems that include a smoke control system

[101:9.11.4.2]

Paragraph 13.2.2.2 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended by deleting the existing wording and replaced to read as follows:

13.2.2.2 All new buildings shall be equipped with an approved standpipe system where required by ~~the~~ Chapter 5, Buildings and Building Regulations, of the Rockville City Code. Where a Class III system is required, a Class I system shall be installed.

Paragraph 13.3.1.2 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended by adding Subparagraph 13.3.1.2.1 to read as follows:

13.3.1.2.1 For new ceiling installations, drop-out ceilings as referenced in NFPA 13, Subsection 9.3.11 and NFPA 13R, Section 6.15 ~~8.15.14~~ shall be prohibited.

Paragraph 13.3.2.1 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended by adding Subparagraph 13.3.2.1.1 to read as follows:

13.3.2.1.1 All new buildings shall be equipped with an automatic sprinkler system or other automatic fire suppression system where required by Chapter 5, Buildings and Building Regulations, of the Rockville City Code.-

Paragraph 13.3.2.5.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to read:

13.3.2.5.1 The following assembly occupancies having an occupant load of 100 or more persons, or 5,000 or more square feet in area, or located on a floor or other than the level of exit discharge shall be protected throughout by an approved, electrically supervised automatic sprinkler system in accordance with 13.3.1.2:

(1) Dance halls

(2) Discotheques

(3) Nightclubs

(4) Bars

(5) Restaurants

(6) Assembly occupancies with festival seating

[101:12.3.5.1]

Subparagraph 13.3.2.24.2 of the NFPA 1, Fire Code, 2024 Edition is deleted and replaced with the following:

13.3.2.24.2* Existing high-rise buildings, other than those meeting 13.3.2.24.2.1 or 13.3.2.24.2.2, shall be protected throughout by an approved automatic sprinkler system in accordance with this chapter and 13.3.2.24.2.3 through 13.3.2.24.2.5

13.3.2.24.2.1 An automatic sprinkler system shall not be required where every dwelling unit has exterior exit access in accordance with 14.10.3.

13.3.2.24.2.2 An automatic sprinkler system shall not be required in buildings that have a previously approved and implemented engineered life safety system complying with 13.3.2.24.2.2.1 and 13.3.2.24.2.2.2.

13.3.2.24.2.2.1 The engineered life safety system shall have been developed by a registered professional engineer experienced in fire and life safety system design, approved by the authority having jurisdiction, and inspected for compliance by the authority having jurisdiction, and shall include any or all of the following:

(1) Partial automatic sprinkler protection

(2) Smoke detection systems

(3) Smoke control systems

(4) Compartmentation

(5) Other approved systems

13.3.2.24.2.2 The engineered life safety system shall be maintained in accordance with the approved design documents and applicable standard.

13.3.2.24.2.3 Each building owner shall, within 180 days of receiving notice, file an intent to comply with this regulation with the AHJ for approval.

13.3.2.24.2.4 The AHJ shall review and respond to the intent-to-comply submittal within 60 days of receipt.

13.3.2.24.2.5* The entire building shall be required to be protected by an approved automatic sprinkler system within 12 years of the date of the original violation notice issued by the fire authority having jurisdiction.

13.3.2.24.2.6 Public Disclosure Signage. In high-rise buildings that are not protected throughout by an approved automatic sprinkler system, signage shall be posted complying with 13.3.2.24.2.6(A) through 13.3.2.24.2.6(D).

(A) Signage shall be posted at all main building entrances as approved by the AHJ.

(B) The lettering on the sign shall be at least 1 inch (25 millimeters) high.

(C) The lettering shall be placed on a contrasting background.

(D) The wording shall state as follows: “WARNING: THIS HIGH-RISE BUILDING IS NOT PROTECTED THROUGHOUT WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM”.

Annex section A13.3.2.24.2.3 of the NFPA 1, Fire Code, 2024 Edition, is amended to replace “A.13.3.2.24.2.3” with “A.13.3.2.24.2.5”

Subparagraph 13.2.25.5 of the NFPA 1, Fire Code, 2024 Edition is amended to delete existing wording and read as follows:

13.3.2.25.5 An automatic sprinkler system shall be installed throughout all mini-storage building fire areas greater than 2500 feet² (232 meters²) and where any of the individual storage units are separated by less than a 1-hour fire resistance-rated barrier. Fire areas shall be defined by approved fire barriers having a fire resistance rating of not less than 3-hours. [5000: 30.3.5.4]

Subparagraph 13.3.2.27.1.1 of the NFPA 1, Fire Code, 2024 Edition is amended to add the following:

13.3.2.27.1.1 All new day care occupancies shall be protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7 of NFPA 101. [101:16.3.5.1] Automatic sprinkler protection is not required if all of the following conditions are met:

- (1) The total number of occupants in the occupancy in which the day care center is located is not more than 300 persons.
- (2) All rooms used for day care are located on the level of exit discharge;
- (3) All rooms used for day care have at least one exterior exit door at grade level;
- (4) The occupancy in which the day care center is located does not exceed 12,000 sq. ft. in area.

Paragraph 13.3.3.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Paragraph 13.3.3.2 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Subsection 13.4.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding

Subparagraph 13.4.1.1.1 to read as follows:

* * *

Paragraph 13.6.1.2 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Sub-subparagraph 13.6.4.1.2.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Sub-subparagraph 13.6.4.1.2.1.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is deleted.

Sub-subparagraph 13.6.4.1.2.1.2 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is deleted.

Sub-subparagraph 13.6.4.1.2.1.3 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is deleted.

Sub-subparagraph 13.6.4.1.2.1.4 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is deleted.

Sub-subparagraph 13.6.4.1.2.1.5 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is deleted.

Sub-subparagraph 13.6.4.1.2.1.6 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is deleted.

Sub-subparagraph 13.6.4.1.2.3 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Subparagraph 13.7.1.7.6 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

13.7.1.7.6 For fire alarm systems using automatic fire detection or waterflow detection devices to initiate the fire alarm system in accordance with Chapters 11 through 43 of NFPA 101, not less than one manual fire alarm box, located as required by the AHJ, shall be provided to initiate a fire alarm signal. [101:9.6.2.6] This paragraph does not permit the omission of manual fire alarm boxes in accordance with other provisions of this Subsection unless specifically permitted by NFPA 101 Chapters 11 through 43.

Subparagraph 13.7.1.15.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

13.7.1.15.1 Where required by the AHJ and another section of this Code, a risk analysis for mass notification systems shall be provided in accordance with the requirements of Chapter 24 of NFPA 72. [101:9.14.1]

Sub-subparagraph 13.7.2.5.6.4 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

13.7.2.5.6.4 Single-station or multiple-station smoke alarms or smoke detectors shall be provided in all rooms used for sleeping in accordance with 13.7.1.8. [101:16.6.3.4.4] For compliance with NFPA 101, Paragraph 43.7.2.1(2), approved battery-powered smoke alarms, rather than house electrical service-powered smoke alarms shall be permitted where the facility has testing, maintenance, and smoke alarm replacement programs that ensure reliability of power to the smoke alarms.

Sub-subparagraph 13.7.2.6.6.5 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

Approved battery-powered smoke alarms, rather than house electrical service-powered smoke alarms required by 13.7.2.6.6.4, shall be permitted where the facility has testing, maintenance, and smoke alarm replacement programs that ensure reliability of power to the smoke alarms. [101:17.6.3.4.5]

Sub-subparagraph 13.7.2.22.8.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

13.7.2.22.8.1 All living areas, as defined in 3.3.24.5 of NFPA 101, and all corridors shall be provided with smoke detectors that comply with NFPA 72 and are arranged to initiate

an alarm that is audible in all sleeping areas, as modified by 13.7.2.22.8.3.

[101:33.3.3.4.8.1]

Sub-subparagraph 13.7.2.22.8.2 of the NFPA 1, Fire Code, 2024 Edition, is deleted.

Sub-subparagraph 13.7.2.28.1.2 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Sub-subparagraph 13.7.2.28.1.3 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Paragraph 14.4.2.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to add the following sub-paragraph, 14.4.2.1.1:

14.4.2.1.1 Trash or recyclable materials awaiting scheduled collection shall not be placed in exits, exit access corridors or on egress balconies.

Sub-paragraph 14.5.2.3.7 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

14.5.2.3.7 Two releasing motions shall be permitted for existing hardware on a door leaf serving an area having an occupant load not exceeding three, provided that releasing does not require simultaneous operations. [101:7.2.1.5.3.7] The locking device shall be of a type that is readily distinguishable as locked.

Sub-paragraph 14.5.2.3.8 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

14.5.2.3.8 Two releasing motions shall be permitted in existing educational occupancies in accordance with 15.2.2.2.4 of NFPA 101 and in existing day care occupancies in

accordance with 17.2.2.2.6 of NFPA 101. [101:7.2.1.5.3.8] The locking device shall be of a type that is readily distinguishable as locked.

Sub-paragraph 14.5.3.4.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

14.5.3.4.1 Where permitted by the AHJ and in Chapters 11 through 43 of NFPA 101, door assemblies separating the elevator lobby from the exit access required by 14.9.1.6.1 shall be permitted to be electrically locked, provided that all the following criteria are met:

(1) Door electromechanical or electromagnetic locking hardware is listed in accordance with UL 294, Access Control System Units, or UL 1034, Burglary-Resistant Electric Locking Mechanisms.

(2) The building is protected throughout by a fire alarm system in accordance with Section 13.7.

(3) The building is protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 13.3.

(4) Waterflow in the sprinkler system required by 14.5.3.4.1 is arranged to initiate the building fire alarm system.

(5) The elevator lobby is protected by an approved, supervised smoke detection system in accordance with Section 13.7.

(6) Detection of smoke by the detection system required by 14.5.3.4.1 is arranged to initiate the building fire alarm system and notify building occupants.

(7) Initiation of the building fire alarm system by other than manual fire alarm boxes unlocks the electrical locks on the elevator lobby door assembly.

(8) Loss of power to the elevator lobby electrical lock system unlocks the electrical locks on the elevator lobby door assemblies.

(9) Once unlocked, the elevator lobby door assemblies remain electrically unlocked until the building fire alarm system has been manually reset.

(10) Where the elevator lobby door assemblies remain mechanically latched after being electrically unlocked, latch-releasing hardware in accordance with 14.5.2.3 is affixed to the door leaves.

(11) A two-way communication system is provided for communication between the elevator lobby and a central control point that is constantly staffed.

(12) The central control point staff required by 14.5.3.4.1 is capable, trained, and authorized to provide emergency assistance.

[101:7.2.1.6.4.1]

Sub-paragraph 14.5.3.5.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

14.5.3.5.1 Where a side-hinged door assembly, a pivoted-swinging door assembly, or a balanced door assembly is equipped with panic or fire exit hardware, such hardware shall meet all of the following criteria:

(1) It shall consist of a cross bar or a push pad, with the length of the actuating portion of the cross bar or push pad extending not less than one-half of the width of the door leaf measured from the latch stile unless otherwise required by 14.5.3.5.2.

(2) It shall be mounted as follows:

(a) New installations shall be not less than 34 in. (865 mm) and not more than 48 in. (1220 mm) above the floor.

(b) Existing installations shall be not less than 30 in. (760 mm) and not more than 48 in. (1220 mm) above the floor.

(3) It shall be constructed so that a horizontal force not to exceed 15 lbf (66 N) actuates the cross bar or push pad and latches.

[101:7.2.1.7.1]

Sub-paragraph 14.5.3.5.4 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

14.5.3.5.4 Panic hardware and fire exit hardware, in other than detention and correctional occupancies as otherwise provided in Chapters 22 and 23 of NFPA 101, shall not be equipped with any locking device, set screw, or other arrangement that prevents the release of the latch when pressure is applied to the releasing device. [101:7.2.1.7.4]

Subsection 14.5.8 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

14.5.8 Door Openings in Folding Partitions. Where permanently mounted folding or movable partitions divide a room into smaller spaces, a swinging door leaf or open doorway shall be provided as an exit access from each such space, unless otherwise specified in 14.5.8.2. [101:7.2.1.12]

Paragraph 14.5.8.1 of the NFPA 1, Fire Code, 2024 Edition, is deleted.

Sub-paragraph 14.5.10.1 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

14.5.10.1 Where required by the AHJ and Chapters 11 through 43 of NFPA 101, the following door assemblies shall be inspected and tested not less than annually in accordance with 14.5.10.2 through 14.5.10.7:

(1) Door leaves equipped with panic hardware or fire exit hardware in accordance with

14.5.3.5

(2) Door assemblies in exit enclosures

(3) Door hardware release of electrically locked egress door assemblies

(4) Door assemblies with special locking arrangements subject to 14.5.3.4

[101:7.2.1.14.1]

Paragraph 14.13.1.2 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended to read as follows:

14.13.1.2 For the purposes of 14.13.1.1, exit access shall include, but not be limited to designated stairs, aisles, corridors, ramps, escalators, and passageways leading to an exit. For the purposes of 14.13.1.1, exit discharge shall include only designated stairs, ramps, aisles, walkways, and escalators leading to a public way.

~~Paragraph 18.1.3.1 of the NFPA 1, Fire Code, 20242018 Edition, is amended to read as follows:~~

~~18.1.3.1 Fire Apparatus Access. Plans for fire apparatus access roads shall be submitted to the AHJ for review and approval prior to construction.~~

~~Paragraph 18.1.3.2 of the NFPA 1, Fire Code, 20242018 Edition, is amended to read as follows:~~

~~18.1.3.2 Fire Hydrant Systems. Plans and specifications for fire hydrant systems shall be submitted to the AHJ for review and approval prior to construction.~~

Subparagraph 18.2.2.1 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended to read as follows:

18.2.2.1 Access Box(es). All occupancies, other than one- and two-family dwellings, that have fire protection or life safety systems installed shall provide an approved access box.

* * *

~~Subparagraph 18.2.2.1 of the NFPA 1, Fire Code, 2018 Edition, is amended by adding Sub-~~
~~subparagraph 18.2.2.1.1 to read as follows:~~

~~18.2.2.1.4~~ The size, contents, and location of the access box shall be determined by the
Rockville Fire Marshal local fire department in cooperation with the occupancy owner or
management.

Subparagraph 18.2.3.2.1 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended to read as
follows:

* * *

Sub-subparagraph 18.2.3.5.1.1 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended to add
the following sub-subparagraphs:

18.2.3.5.1.1.1 Fire apparatus access roads shall have an unobstructed width of not less
than 20 ft (6.1m).

(A) On-street parking is allowed on one side if the load-bearing fire department
access road is at least 28 ft. (8.53 m) wide.

~~18.2.3.5.1.1.2~~ (B) On-street parking is allowed on both sides if the load-bearing
fire department access road is at least 36 -ft. (10.97 m) wide.

Sub-subparagraph 18.2.3.5.1.2 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended by
~~adding Sub-subparagraph 18.2.3.4.1.2.3~~ to read as follows:

~~18.2.3.5.1.2.3~~ Vertical clearance for any overhead obstruction over streets classified by
Section 21-21 of the Rockville City Code as Limited Access, Major, or Arterial, shall be
at least 16 ft. (4.88 m) from the finished surface.

Subparagraph 18.2.3.5.2 of the NFPA 1, Fire Code 2024~~2015~~ Edition, is amended to read as
follows:

* * *

Sub-subparagraph 18.2.3.5.3.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is added to read as follows:

* * *

Subparagraph 18.2.3.5.43 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding Sub-subparagraphs 18.2.3.5.43.1 and 18.2.3.5.43.2 to read as follows:

18.2.3.5.43.1 Cul-de-sacs used to provide a dead end apparatus turn-around shall not be less than 90-ft. (27.43 m) in diameter at the closed end.

18.2.3.5.43.2 Hammerhead or T-turnarounds used to provide a dead-end apparatus turn-around shall have legs not less than 60 ft. (18.29 m) long and all portions of the hammerhead or T-turnaround not less than 20 ft. (6.1 m) wide.

Paragraph 18.2.3.6 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding Subparagraph 18.2.3.6.1.1 to read as follows:

* * *

Subsection 18.4.1 of the NFPA 1, Fire Code, 2024 Edition, is amended by adding the following Paragraphs to read as follows:

18.4.1.3 Fire flow requirements shall be met using fire hydrants located not further than 2000 ft. (610 m) from the building or structure being served.

18.4.1.3.1 Measurements to determine compliance with the requirements of 18.4.1.2.1 shall be made along a path or route accessible to fire department personnel

Section 18.5 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding Paragraph 18.5.1.7 and Subparagraphs 18.5.1.7.1 and 18.5.1.7.2 to read as follows:

* * *

18.5.1.7.1 Fire hydrant spacing may be increased to 500 ft. (153 m) for structures protected throughout by an approved automatic sprinkler system, in accordance with Section 9.7 of NFPA 101, Life Safety Code, 2024~~2018~~ Edition.

* * *

Paragraph 18.5.2 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is deleted.

Paragraph 18.5.3 of the NFPA 1, Fire Code, 2024~~2018~~ Edition is deleted.

Paragraph 18.5.10.3 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended to read and by adding the following Paragraph, Subparagraphs, and Annex Section to read as follows:

* * *

Subparagraph 20.1.5.8.3 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows
20.1.5.8.3 In the following assembly occupancies, an audible announcement shall be made, or a projected image shall be shown, within 10 minutes prior to the start of each program that notifies occupants of the location of the exits to be used in case of a fire or other emergency:

(1) Theaters

(2) Motion picture theaters

(3) Auditoriums

(4) Other similar assembly occupancies with occupant loads exceeding 300 where there are non-continuous programs [101:12.7.7.3; 101:13.7.7.3]

~~Subsection 18.4.1 of the NFPA 1, Fire Code, 2024~~~~2018~~ Edition, is amended by adding the following Paragraphs to read as follows:

~~*18.4.1.2* Fire flow requirements shall be met using fire hydrants located not further than 2000 ft. (610 m) from the building or structure being served.~~

~~18.4.1.2.2 Measurements to determine compliance with the requirements of 18.4.1.2.1 shall be made along a path or route accessible to fire department personnel.~~

Subparagraph 20.2.4.2.3 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Subparagraph 20.3.4.1.1 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Paragraph 25.2.2.1 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended to read as follows:

25.2.2.1 All tent fabric shall meet the flame propagation performance criteria contained in NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, or other approved testing standard approved by the State Fire Marshal.

Paragraph 26.1.6 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended by adding the following:

* * *

Subparagraph 31.3.6.2.2 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is amended by adding item (9) to read as follows:

* * *

Subparagraph 31.3.6.3.1 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is deleted and amended to read as follows:

* * *

Subparagraph 31.3.6.3.2 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is deleted.

Sub-subparagraph 31.3.6.3.2.1 of the NFPA 1, Fire Code, 2024~~2018~~ Edition, is deleted.

Sub-subparagraph 31.3.6.3.2.2 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is deleted.

Sub-subparagraph 31.3.6.3.2.3 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is deleted.

Paragraph 32.9.3.7 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

32.9.3.7 Emergency Instruction to Audience.

When an audience is present, an announcement shall be made within 10 minutes of the start of each program notifying the audience of the following:

- (1) The location of exits to be used in case of fire or other emergency
- (2) The means that will be used to notify the audience of fire or other emergency

[140:4.10.7]

Paragraph 34.1.3 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

34.1.3 Approved Storage Floor Plan. Where required by the AHJ, an approved storage floor plan that documents the permissible use of the storage area, based on the occupancy classification and the design basis of the automatic sprinkler system, shall be provided and mounted in an approved location.

Section 34.6 of the NFPA 1, Fire Code, 2024 Edition, is amended to add new Paragraph 34.6.7 and subparagraphs 34.6.7.1 and 34.6.7.2 as follows:

34.6.7 Standpipe systems shall be installed in all storage buildings having an area of 300,000 sq. ft. or more.

34.6.7.1 Standpipe systems shall comply with Section 13.2 and NFPA 14.

34.6.7.2 Class I hose connections shall be provided at each of the following locations:

- (1) In each exit passageway at the entrance from the storage area into the passageway;

-
- (2) Within every required exit stairwell;

(3) At other locations such that all points of the storage area floor are within 200 ft. of a hose connection, unless otherwise required by the AHJ.

Chapter 35 Animal Housing Facilities of the NFPA 1, Fire Code, 2024 Edition is deleted.

Paragraph 42.7.5 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding Paragraph 42.7.5.7, Paragraph 42.7.5.8, and Paragraph 42.7.5.9 to read as follows:

* * *

Subparagraph 42.7.5.5 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Subsection ~~50.8.12.1~~ of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to add the following Paragraphs, Subparagraphs, and Sub-subparagraphs:

50.8.1.72.1.10 Commercial Outdoor Cooking Operations. These requirements apply to commercial outdoor cooking operations such as those that typically take place under a canopy or tent type structure at fairs, festivals and carnivals. This includes but is not limited to deep-frying, sautéing and grilling operations.

~~50.2.1.10.1 Tent and Canopy Requirements.~~

~~50.2.1.10.1.1. Tents or canopies where cooking equipment not protected in accordance with NFPA 96 is located shall not be occupied by the public and shall be separated from other tents, canopies, structures, or vehicles by a minimum of 10 ft. (3.05 m) unless otherwise approved by the AHJ.~~

~~50.2.1.10.1.2. All tent and canopy material shall comply with the flame resistance requirements of Subsection 25.2.2.~~

50.8.1.7.12.1.10.2 LP Gas Fuel Requirements

~~50.8.1.7.1.12.1.10.2.1~~ LP gas tank size shall be limited to 60 lbs. The total amount of LP gas on site shall not exceed 60 lbs. for each appliance that is rated not more than 80,000 btu/hr. and 120 lbs. for each appliance rated more than 80,000 btu/hr.

~~50.8.1.7.1.22.1.10.2.2~~ Tanks must be maintained in good physical condition and shall have a valid hydrostatic date stamp.

~~50.8.1.7.1.32.1.10.2.3~~ Tanks shall be secured in their upright position with a chain, strap or other approved method that prevents the tank from tipping over.

~~50.8.1.7.1.42.1.10.2.4~~ Tanks shall be located so that they are not accessible to the public. LP gas tanks shall be located at least 5 ft. (1.52 m) from any cooking or heating equipment or any open flame device.

~~50.8.1.7.1.52.1.10.2.5~~ All LP gas equipment shall be properly maintained and comply with the requirements of NFPA 58.

~~50.8.1.7.1.62.1.10.2.6~~ Regulators. Single-stage regulators may not supply equipment that is rated more than 100,000 btu/hr. rating. Two-stage regulators shall be used with equipment that is rated more than 100,000 btu/hr.

~~50.8.1.7.22.1.10.3~~ General Safety Requirements.

~~50.8.1.7.2.12.1.10.3.1~~ All electrical cords shall be maintained in a safe condition and shall be secured to prevent damage.

~~50.8.1.7.2.22.1.10.3.2~~ Movable cooking equipment shall have wheels removed or shall be placed on blocks or otherwise secured to prevent movement of the appliance during operation.

~~50.8.1.7.2.32.1.10.3.3~~ Portable fire extinguishers shall be provided in accordance with NFPA 1, Section 13.6 and shall be specifically listed for such use.

50.8.1.8 There shall be no obstructions or impediments to immediate escape from vehicles or other mobile units used for cooking operations.

50.8.1.9 Seating for the public shall not be located within any mobile or temporary cooking vehicle.

Subsection 50.8.3 of the NFPA 1, Fire Code, 2024 Edition is deleted and replaced with the following:

50.8.3 Tent and Canopy Requirements

50.8.3.1 Temporary cooking operations conducted in tents and under canopies shall comply with NFPA 102 and Chapter 25.

50.8.3.2 All tent and canopy material shall comply with the flame resistance requirements of Section 25.2.2.

50.8.3.3 Tents or canopies where cooking equipment are not protected in accordance with NFPA 96 is located shall not be occupied by the public.

50.8.3.4 Tents or canopies where cooking equipment not protected in accordance with NFPA 96 is located shall be separated from other tents, canopies, structures, or vehicles by a minimum of 10 feet (3050 millimeters) unless otherwise approved by the AHJ.

Subparagraph 50.8.8.3.2 of the NFPA 1, Fire Code, 2024 Edition, is amended to read as follows:

50.8.8.3.2 Disconnected LP-Gas containers and LP-Gas cylinders for purposes other than engine fuel systems shall be secured in an upright position during transport and storage.

[96:17.8.4.2]

Section 60.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended by adding Subsection 60.1.8 and Paragraph 60.1.8.1 to read as follows:

60.1.8 Permits.

60.1.8.1 A Hazardous Materials Use Permit, issued by Montgomery County, shall be required to dispense, handle, use, process, transfer, store, or manufacture one or more materials or substances that meet the requirements of a "hazardous substance" per Montgomery County Executive Regulation 3-1217-03.

Section 65.2 of the NFPA 1, Fire Code, 20242018 Edition, is amended by adding Subsection 65.2.3 to read as follows:

65.2.43 All storage of display fireworks shall comply with NFPA 1124, Code for the Manufacture, Transportation, Storage, and Retail Sales of Fireworks and Pyrotechnic Articles, 20222017 edition.

Section 65.2 of the NFPA 1, Fire Code, 20242018 Edition, is amended by adding Subsection 65.2.4 to read as follows:

* * *

Section 65.3 of the NFPA 1, Fire Code, 20242018 Edition, is amended by adding Subsection 65.3.4 to read as follows:

* * *

Section 65.4 of the NFPA 1, Fire Code, 20242018 Edition, is amended by adding Subsection 65.4.3 to read as follows:

* * *

Section 65.5 of the NFPA 1, Fire Code, 20242018 Edition, is deleted.

Subsection 65.9.1 of the NFPA 1, Fire Code, 20242018 Edition, is amended to read as follows:

* * *

Section 74.1 of the NFPA 1, Fire Code, ~~2024~~2018 Edition, is amended to delete subsection ~~7411.1.3~~.

* * *

ARTICLE V. LIFE SAFETY

* * *

DIVISION 3. TECHNICAL STANDARDS

Sec. 9-90. NFPA 101, Life Safety Code—Adopted.

The NFPA 101, Life Safety Code, ~~2024~~2018 Edition, as issued by the National Fire Protection Association, is hereby adopted by reference, except as amended by Section 9-91 of this Chapter. One (1) copy of such publication, as adopted, shall be maintained by the Inspection Services Division in the City Hall and made available for inspection by the public during regular office hours. Any amendment or change in such code promulgated by the NFPA shall not become part of this article until the modifications have been duly adopted by ordinance.

Sec. 9-91. Same—Amendments.

The NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended in the following respects:

Section 2.2 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended by adding the following:

* * *

The referenced publication NFPA 1124 Code for the Manufacture, Transportation, Storage, and Retail Sales of Fireworks and Pyrotechnic Articles, ~~2022~~2017 Edition.

Subsection 3.3.6664 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended by adding Paragraph 3.3.64.3 to read as follows:

3.3.~~66.64~~.3 Bulkhead Door. A type of door assembly covering an opening in the ground providing direct access to a basement, the floor of which is not more than 8 feet below ground level. The door consists of a single rigid leaf or two (2) overlapping rigid leaves or covers which need to be pushed or lifted upwards in order to be opened. A person, after opening the door, can walk up a series of steps to escape to the outside.

Paragraph 3.3.~~154~~48.1 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

3.3.~~154~~48.1* Day-Care Home. A building or portion of a building in which not more than twelve (12) clients receive care, maintenance, and supervision, by other than their relative(s) or legal guardians(s), for less than twenty-four (24) hours per day.

Paragraph 3.3.~~205~~496.4 of the NFPA 101, Life Safety Code, 2012 Edition, is amended to read as follows:

3.3.~~205~~496.4* Day-Care Occupancy. An occupancy in which clients receive care, maintenance, and supervision, by other than their relatives or legal guardians, for less than twenty-four (24) hours per day.

Paragraph 3.3.~~205.13~~496.12 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

3.3.~~205.13~~496.12* Residential Board and Care Occupancy. A building or portion thereof that is used for lodging and boarding of six (6) or more residents, not related by blood or marriage to the owners or operators, for the purpose of providing personal care services.

Subsection 4.5.8 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Subsection 4.6.12.1 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Paragraph 4.6.12.3 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Subsection 4.8.2 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended by adding Paragraph 4.8.2.4 to read as follows:

* * *

Paragraph 6.1.4.1 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Paragraph 6.1.9.1 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

~~*Subparagraph 7.2.1.5.12* of the NFPA 101, Life Safety Code, 2018 Edition, is amended to read as follows:~~

~~7.2.1.5.12 Devices shall not be installed in connection with any door assembly on which panic hardware or fire exit hardware is provided where such devices prevent or are intended to prevent the free use of the leaf for purposes of egress, unless otherwise provided in 7.2.1.6~~

Subparagraph 7.2.1.7.1 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Subparagraph 7.2.1.7~~43~~ of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

7.2.1.7.43 Panic and fire exit hardware in other than detention and correctional occupancies as otherwise provided in Chapters 22 and 23, shall not be equipped with any locking device, set screw, or other arrangement that prevents the release of the latch when pressure is applied to the releasing device.

Subsection 7.7.4 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended by adding Paragraph 7.7.4.1 to read as follows:

* * *

Paragraph 7.9.1.2 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Chapter 8 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended by adding the following Section and Subsections to read as follows:

* * *

Paragraph 9.6.1.3 of NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Paragraph 9.6.1.6 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended by adding as follows:

* * *

Paragraph 9.6.2.6 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Paragraph 9.7.1.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended by adding Subparagraph 9.7.1.1.1 to read as follows:

* * *

Subsection 9.11.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Paragraph 11.8.3.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

11.8.3.1 High-rise buildings shall be protected throughout by an approved, supervised automatic sprinkler system in accordance with section 9.7. A sprinkler control valve and waterflow device shall be provided for each floor. High-rise buildings do not include a structure or building used exclusively for open-air parking.

Paragraph 11.8.6.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Paragraph 11.11.2.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Paragraph 12.2.4.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Paragraph 12.3.5.2 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Paragraph 13.2.4.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Paragraph 14.7.2.3 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Paragraph 15.7.2.3 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Subsection 16.1.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended by adding Paragraph 16.1.1.8.5 to read as follows:

* * *

Subparagraph 16.2.11.1.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended by adding item (4) to read as follows:

* * *

Sub-subparagraph 16.6.1.4.1.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Sub-subparagraph 16.6.1.4.1.2 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Subparagraph 16.6.1.7.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is deleted and replaced to read as follows:

* * *

Paragraph 16.6.2.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Paragraph 16.6.2.2 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Paragraph 16.6.2.3 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read by adding as follows:

* * *

Subparagraph 16.6.2.4.5 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Subparagraph 17.6.2.4.5 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Subsection 17.1.1 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended by adding Paragraph 17.1.1.8.5 to read as follows:

* * *

Subparagraph 17.2.11.1.1 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended by adding item (4) to read as follows:

17.2.11.1.1 For windows at grade the minimum net clear opening shall be permitted to be 5.0 ft² (0.46 m²).

Subparagraph 17.6.1.1.2 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Sub-subparagraph 17.6.1.4.1.1 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Sub-subparagraph 17.6.1.4.1.2 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Subparagraph 17.6.1.7.1 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is deleted and replaced to read as follows:

* * *

Paragraph 17.6.2.1 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Paragraph 17.6.2.2 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Paragraph 17.6.2.3 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

* * *

Subparagraph 17.6.3.4.5 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:~~deleted.~~

Approved battery-powered smoke alarms, rather than house electrical service-powered smoke alarms required by 17.6.3.4.4, shall be permitted where the facility has testing, maintenance, and smoke alarm replacement programs that ensure reliability of power to the smoke alarms.

Subparagraph 22.4.65.1.3 of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

22.4.65.1.3 Lockups in occupancies, other than detention and correctional occupancies and health care occupancies, where the holding area has capacity for not more than fifty (50) detainees, and where no individual is detained for twenty- four (24) hours or more, shall comply with 22.4.5.1.4.

Subparagraph 22.4.65.1.4 (1) of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

22.4.65.1.4 (1) Doors and other physical restraints to free egress by detainees can be readily released by staff within thirty (30) seconds of the onset of a fire or similar emergency.

Subparagraph 22.4.65.1.4 (2) of the NFPA 101, Life Safety Code, 2024~~2018~~ Edition, is amended to read as follows:

22.4.~~65~~.1.4 (2) Staff is in sufficient proximity to the lockup so as to be able to affect the thirty (30) second release required by 22.4.5.1.4 (1) whenever detainees occupy the lockup.

Subparagraph 22.4.~~65~~.1.5 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is deleted.

Paragraph 22.4.~~65~~.2 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is deleted.

Subparagraph 23.4.~~65~~.1.3 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

23.4.~~65~~.1.3 Lockups in occupancies, other than detention and correctional occupancies and health care occupancies, where the holding area has capacity for not more than fifty (50) detainees, and where no individual is detained for twenty-four (24) hours or more, shall comply with 23.4.5.1.4.

Subparagraph 23.4.~~65~~.1.4 (1) of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

23.4.~~65~~.1.4 (1) Doors and other physical restraints to free egress by detainees can be readily released by staff within thirty (30) seconds of the onset of a fire or similar emergency.

Subparagraph 23.4.~~65~~.1.4 (2) of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

23.4.~~65~~.1.4 (2) Staff is in sufficient proximity to the lockup so as to be able to affect the thirty (30) second release required by 23.4.5.1.4 (1) whenever detainees occupy the lockup.

Subparagraph 23.4.~~65~~.1.5 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is deleted.

Paragraph 23.4.~~65~~.2 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is deleted.

Paragraph 24.1.1.2 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Subparagraph 24.2.2.3.3 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Paragraph 26.1.1.1 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Paragraph 31.3.5.9 High-Rise Building Sprinklers* of the NFPA 101, Life Safety Code 2024 Edition, is amended to read as follows:

31.3.5.9.1* All high-rise buildings, other than those meeting 31.3.5.9.2 or 31.3.5.9.3, shall be protected throughout by an approved, supervised automatic sprinkler system in accordance with 31.3.5.2 within 12 years of the date of the original violation notice issued by the fire authority having jurisdiction.

Paragraph 32.2.2.3.1 (3) of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Paragraph 33.2.2.3.1 (3) of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Sub-subparagraph 33.3.3.4.8.1 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows

33.3.3.4.8.1 In all living areas, as defined in 3.3.24.521.5, and all corridors shall be provided with smoke detectors that comply with NFPA 72, National Fire Alarm and Signaling Code, and are arranged to initiate an alarm that is audible in all sleeping areas, as modified by 33.3.3.4.8.3.

Sub-subparagraph of 33.3.3.4.8.2 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is deleted.

Subparagraph 42.3.4.1.2 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Subparagraph 42.3.4.1.3 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Subparagraph 42.8.3.4.1.1 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

42.8.3.4.1.1 Parking structures less than three stories not exceeding an aggregate floor area of 100,000 ft² (9300 m²) shall not be required to have a fire alarm.

Subparagraph 42.8.3.4.1.3 of the NFPA 101, Life Safety Code, ~~2024~~2018 Edition, is amended to read as follows:

* * *

Secs. 9-92—9-94. Reserved.

ARTICLE VI. WATER-BASED FIRE PROTECTION SYSTEMS

* * *

DIVISION 3. TECHNICAL STANDARDS

Sec. 9-104. Adopted.

The NFPA 13, Standard for the Installation of Sprinkler Systems, ~~2022~~2016 Edition; NFPA 13R, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies, ~~2022~~2016 Edition; NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two- Family Dwellings and Manufactured Homes, ~~2022~~2016 Edition; NFPA 14, Standard for the Installation of Standpipe and Hose Systems, ~~2022~~2016 Edition; NFPA 20, Standard for the Installation of Stationary Pump for Fire Protection, ~~2022~~2016 Edition; and NFPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems, ~~2023~~2017 Edition, as issued by the National Fire Protection Association, are hereby adopted by reference, except as amended by Section 9-105, Section 9-106, Section 9-107, Section 9-108, Section 9-109, and Section 9-110 of this Chapter. One (1) copy of such publication, as adopted, shall be maintained by the Inspection Services Division in the City of Rockville City Hall and made available for inspection by the public during regular office hours. Any amendment or change in such code promulgated by the NFPA shall not become part of this article until the modifications have been duly adopted by ordinance.

Sec. 9-105. Same—Amendments, NFPA 13.

Subsection ~~8~~7.6.1 of the NFPA 13, Standard for the Installation of Sprinkler Systems, ~~2022~~2016 Edition, is amended by adding paragraph 7.6.1.6 to read as follows:

~~8~~7.6.1.6 Dwelling Units. Antifreeze shall not be permitted to be used within the dwelling unit portions of sprinkler systems.

Subparagraph ~~9.2.4.1.1~~^{*8.15.8.1.1} of the NFPA 13, Standard for the Installation of Sprinkler Systems, ~~2022~~²⁰¹⁶ Edition, is amended by adding the Subparagraph ~~9.2.4.1.1~~^{28.15.8.1.2} to read as follows:

~~9.2.4.1.1~~^{28.15.8.1.2} Manner for Calculation of Residential Bathroom Square Footage.

When calculating the area of a residential bathroom to determine ~~for the purpose of determining~~ if sprinkler coverage is required, any separate rooms with doors opening into the larger room contained within the larger footprint shall be counted. The area that a shower stall or bathtub uses shall also be incorporated into the overall area calculation. Rules governing smaller rooms shall continue to apply when determining if those smaller rooms need independent sprinkler heads.

~~Subparagraph 8.15.11.1 of the NFPA 13, Standard for the Installation of Sprinkler Systems, 2016 Edition is amended to add the following:~~

~~8.15.11.1 Sprinkler protection shall be required in electrical rooms.~~

~~Subparagraph 8.15.11.2 of the NFPA 13, Standard for the Installation of Sprinkler Systems, 2016 Edition, is deleted.~~

Subparagraph ~~16.9.10.18.16.1.1.1~~ of the NFPA 13, Standard for the Installation of Sprinkler Systems, ~~2022~~²⁰¹⁶ Edition, is amended by adding the Sub-subparagraph ~~16.9.10.18.16.1.1.1.4~~ to read as follows:

~~16.9.10.18.16.1.1.1.4~~ When a sprinkler system serves more than one floor, each floor must be consistently and separately valved by a listed and approved indicating control valve.

~~(a)8.16.1.1.1.5~~ Where a sprinkler system is required to activate a building fire alarm system, the sprinkler system shall have a separate and distinct water flow detecting device for each floor and zone.

~~(b)8.16.1.1.1.6~~ The provisions of 16.9.10.1.1 ~~8.16.1.1.1.4~~ and ~~8.16.1.1.1.5~~ shall not apply to the following:

* * *

Sub-subparagraph 16.12.5.7.1~~18.17.2~~ of the NFPA 13, Standard for the Installation of Sprinkler Systems, 2022~~2016~~ Edition, is amended to read as follows:

16.12.5.7.1~~18.7.2~~ The fire department connection should be located not less than 18in. (457 mm) and not more than 4 ft (1.2 m) above the level of the adjacent grade or access and no further than 100 ft from a fire hydrant. Multiple connections for the same building shall be interconnected.

Subparagraph 16.12.3.1.3~~18.17.2.1~~ of the NFPA 13, Standard for the Installation of Sprinkler Systems, 2022~~2016~~ Edition, is amended by adding the Sub-subparagraph 16.12.3.1.3.1~~18.17.2.1.1~~ to read as follows:

16.12.3.1.3.1~~18.17.2.1.1~~ The number of 2 ½ in outlets required for system demand shall be as follows:

- (1) Up to 749—2 outlets
- (2) 750 - 999—3 outlets
- (3) 1000 and over—4 outlets

~~8.17.2.1.2 Multiple connections for the same building shall be interconnected.~~

Sub-subparagraph 16.12.4~~18.17.2.3~~ of the NFPA 13, Standard for the Installation of Sprinkler Systems, 2022~~2016~~ Edition, is deleted and replaced with the following to read as follows:

~~16.12.48.17.2.3~~ The size of the pipe for the fire department connection shall be sized at least as large as the main sprinkler system riser or the fire pump discharge line, whichever is larger.

Sub-subparagraph ~~16.12.5.68.17.2.4.5~~ of the NFPA 13, Standard for the Installation of Sprinkler Systems, ~~2022~~2016 Edition, is amended to read as follows:

~~16.12.5.68.17.2.4.5~~ Where a fire department connection services only a portion of a building, a permanent weather-resistant sign shall be attached indicating the portions of the building served.

Subsection ~~19.1.523.2~~ of the NFPA 13, Standard for the Installation of Sprinkler Systems, ~~2022~~2016 Edition, is amended by adding the following Subsections, and Annex Section to read as follows:

~~19.1.5.1.123.2.3~~* Water Supplies ~~Supply Safety Factors~~.

~~(a)23.2.3.1~~ Calculations for new systems, or new portions of existing systems, must be designed with a safety factor of not less than 20%.

~~(b)23.2.3.2~~ The minimum safety factor may be reduced to 10% for owner-occupied buildings.

~~(c)23.2.3.3~~ Lower safety factors may be used at the discretion of the authority having jurisdiction.

A.~~19.1.5.223.2.3~~ For sprinkler systems without a fire pump, this safety is based on pressure demand at the supply point. For systems designed with a fire pump, this safety is based on both demand pressure and demand flow at the pump discharge. When designing these systems, all options, except gridded piping arrangements, should be explored to prevent adding a fire pump.

Subsection ~~28.2.1.7~~ 24.1.2 of NFPA 13, the Standard for the Installation of Sprinkler Systems, ~~2022~~ 2016 Edition, is amended to add the following:

28.2.1.7 24.1.2 Capacity. Pressure and flow availability for existing taps must be determined by an interior flow test. In any case the supply information must be corrected for the low hydraulic gradient. Fire pumps and fire pump tank supplies must only be used where it is demonstrated that the public water supply is inadequate.

Sec. 9-106. Same—Amendments, NFPA 13D.

Paragraph 3.3.11.1 of the NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, ~~2022~~ 2016 Edition, is deleted.

Subsection 6.2 (1) of the NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, 2022 Edition, is amended to read as follows:

1. A connection to a reliable waterworks system with or without an automatically operated pump. Pressure availability as determined by the City of Rockville or WSSC Low Hydraulic Gradient shall be used.

~~*Subsection 6.1.2* of the NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, 2016 Edition, is amended by adding the following Subsection, Paragraphs, and Annex Section to read as follows:~~

~~*6.1.2.1** Calculations for new systems, or new portions of existing systems, must be designed with a 10% safety factor.~~

~~*6.1.2.2* Lower safety factors may be used at the discretion of the authority having jurisdiction.~~

~~A.6.1.2.1 For sprinkler systems without a fire pump, this safety is based on pressure demand at the supply point. For systems designed with a fire pump, this safety is based on both demand pressure and demand flow at the pump discharge. When designing these systems, all options, except gridded piping arrangements, should be explored to prevent adding a fire pump.~~

Subsection 7.1.2 of the NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, 2022 2016-Edition, is deleted.

Section 7.5.9 of the NFPA 13R, Standard for the Installation of Sprinkler Systems in Low Rise Residential Occupancies, 2022 Edition is amended to read as follows:

7.5.9 Where solvent cement is used as the pipe and fittings bonding agent, sprinklers shall not be installed in the fittings until after the hydrostatic test has been approved by the City.

~~*Subsection 8.3.2 (2) of the NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, 2016 Edition, is deleted.*~~

Section 8.3.2 of the NFPA 13D Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, 2022 2016-is amended by adding subsection 8.3.2.1 that reads as follows:

* * *

Section 9.2 Antifreeze Systems of the NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, 2022 2016-Edition, is deleted in its entirety.

Subsection 10.4 of the NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, 2022 Edition, is amended by adding the following Subsection, Paragraphs, and Annex Section to read as follows:

10.4.10* Calculations for new systems, or new portions of existing systems, must be designed with a 10% safety factor.

10.4.10.1 Lower safety factors may be used at the discretion of the authority having jurisdiction.

A.10.4.10 For sprinkler systems without a fire pump, this safety is based on pressure demand at the supply point. For systems designed with a fire pump, this safety is based on both demand pressure and demand flow at the pump discharge. When designing these systems, all options, except gridded piping arrangements, should be explored to prevent adding a fire pump.

Subsection 11.2.1.4 of the NFPA 13D, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, 2022 Edition, is amended to read as follows:

11.2.1.4 When systems are being hydrostatically tested, the test shall not be permitted to be conducted with sprinklers installed in the fittings.

Subsection 11.2.1 of the NFPA 13R, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies, 2022 Edition, is amended to add the following subsection 11.2.1.5:

11.2.1.5 When temperatures are below 40 degrees F, the building must be heated to keep system piping to at least 40 degrees F, or a listed antifreeze must be used for the hydrostatic test of the system piping.”

Sec. 9-107. Same—Amendments, NFPA 13R.

Subsection 5.4.2 of the NFPA 13R, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies, 2022 ~~2016~~-Edition, is amended by deleting (1) of the accepted methods.

Section 6.6.2 of the NFPA 13R, Standard for the Installation of Sprinkler Systems in Low Rise Residential Occupancies, 2022 ~~2016~~-Edition is amended by adding subsection 6.6.2.1 that reads as follows:

* * *

Section 6.7.1.1 of the NFPA 13R, Standard for the Installation of Sprinkler Systems in Low Rise Residential Occupancies, 2022 Edition is amended to read as follows:

6.7.1.1 Where solvent cement is used as the pipe and fittings bonding agent, sprinklers shall not be installed in the fittings until after the hydrostatic test has been approved by the City.

Subsection 6.11.2 of the NFPA 13R, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies, 2022 Edition, is amended by adding the following:

6.11.2.1 In all apartment buildings, not less than a single 2 ½ in. fire department connection shall be provided.

Subsection 6.11.2 of the NFPA 13R, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies, 2022 Edition, is amended by adding the following:

6.11.2.2 The fire department connection shall be located on a street front, and be 18 to 48 in. (457.2 mm to 1.22 m) from the centerline of the inlet to finish grade.

Subsection 8.2.1 ~~7.1.1.1~~ of the NFPA 13R, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies, 2022 ~~2016~~ Edition, is amended by adding the following Subsections and Annex Section to read as follows and to add the following subsection and annex section:

~~7.1.1.1.1 Calculations for new systems, or new portions of existing systems, must be designed with a 10% safety factor.~~

8.2.1 Piping shall be sized using hydraulic calculation procedures in accordance with NFPA 13 as amended by the City Fire Code, and all calculations shall include a minimum safety factor of 10% of the system demand pressure to account for minor field changes.

8.2.1.1 ~~7.1.1.1.2~~ Lower safety factors may be used at the discretion of the authority having jurisdiction.

A.8.2.1.1 ~~A.7.1.1.1.1~~ For sprinkler systems without a fire pump, this safety is based on pressure demand at the supply point. For systems designed with a fire pump, this safety is based on both demand pressure and demand flow at the pump discharge. When designing these systems, all options, except gridded piping arrangements, should be explored to prevent adding a fire pump.

Subsection 9.6.2 of the NFPA 13R, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies, 2022 Edition, is amended by to read as follows:

9.6.2 The volume and pressure of a public or private water supply shall be determined from waterflow test data or other approved method and shall be adjusted to the low hydraulic gradient.

Subsection 10.2.2 of the NFPA 13R, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies, 2022 Edition, is amended to add the following subsection

10.2.2.3:

10.2.2.3 When temperatures are below 40 degrees F, the building must be heated to keep system piping to at least 40 degrees F for the hydrostatic test of the system piping.

~~Subsection 6.11.2 of the NFPA 13R, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies, 2022 2016 Edition, is amended to read:~~

~~6.11.2 In all apartment buildings, not less than a single 2 ½ in. fire department connection shall be provided.~~

~~Subsection 6.11.2 of the NFPA 13R, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies, 2022 2016 Edition, is amended by adding the following:~~

~~6.11.2.1 The fire department connection shall be located on a street front, and be 18 to 48 in. (457.2 mm to 1.22 m) from the centerline of the inlet to finish grade.~~

Sec. 9-108. Same—Amendments, NFPA 14.

~~Paragraph 4.7.3 of the NFPA 14, Standard for the Installation of Standpipe and Hose Systems, 2016 Edition, is amended as follows:~~

~~4.7.3 Each fire hose valve shall be provided with 2½ in. valved hose connections, 2½ in. to 1½ in. reducers, caps, and chains.~~

~~Paragraph 6.4.5.1 of the NFPA 14, Standard for the Installation of Standpipe and Hose Systems, 2016 Edition, is amended by adding Subparagraph 6.4.5.1.2 to read as follows:~~

~~6.4.5.1.2 Unless otherwise directed by the AHJ, the installation of fire department connections shall comply with the following:~~

~~(a) — the number of 2 ½ inlets shall be:~~

System Demand (gpm)	No. of Inlets
Up to 749	2
750 to 999	3
1000 and above	4

~~(b) — multiple inlets for the same building shall be interconnected.~~

~~Subparagraph 6.4.5.3 of the NFPA 14, Standard for the Installation of Standpipe and Hose Systems, 2016 Edition, is amended to read as follows:~~

~~6.4.5.3 Where a fire department connection services multiple buildings, structures, locations, services, or only a portion of a building, a sign shall be provided indicating the buildings, structures, locations, or portions of the building served.~~

~~Subsection 7.3.2 (1) of the NFPA 14, Standard for the Installation of Standpipe and Hose Systems, 2016 Edition, is amended to read as follows:~~

(1) — ~~At the highest intermediate landing between floor levels or each main landing in every required exit stairway.~~

~~Subsection 7.8.1 of the NFPA 14, Standard for the Installation of Standpipe and Hose Systems, 2016 Edition, is amended by adding the following Paragraphs, Subparagraph, and Annex Section to read as follows:~~

~~7.8.1.2 Where fire pumps are necessary to produce the required residual pressures for standpipe systems in high rise buildings, the pumps and piping shall be sized to provide for the demand of the hydraulically most remote hose station, or the sprinkler system demand, whichever is greater.~~

~~7.8.1.2.1 Standpipe systems shall be sized to provide the required flow and pressure for all hose stations required to be flowing, when supplied by 150 psi at 1000 gpm at the fire department connection(s).~~

~~7.8.1.3 Standpipe systems in buildings that are not high rises, and dry standpipe systems with no automatic water supplies, may be designed to obtain the required flows and pressures, when supplied by the fire department with 1000 gpm at 150 psi at the fire department connection(s).~~

Paragraph 7.8.2 of the NFPA 14, Standard for the Installation of Standpipe and Hose Systems, 2022 Edition, is amended as follows:

7.8.2 Each fire hose valve shall be provided with 2½ in. valved hose connections, 2½ in. to 1½ in. reducers, caps, and chains.

Subsection 9.5.2.1.1 of the NFPA 14, Standard for the Installation of Standpipe and Hose Systems, 2022 Edition, is amended to read as follows:

9.5.2.1.1 Hose connections shall be permitted to be installed at the highest intermediate floor landing between floor levels in every required interior and exterior exit stair.

Paragraph 9.9.5.1 of the NFPA 14, Standard for the Installation of Standpipe and Hose Systems, 2022 Edition, is amended by adding Subparagraph 6.4.5.1.2 to read as follows:

9.9.5.1.2 Unless otherwise directed by the AHJ, the installation of fire department connections shall comply with the following:

(a) the number of 2 ½ inlets shall be:

<u>System Demand (gpm)</u>	<u>No. of Inlets</u>
<u>Up to 749</u>	<u>2</u>
<u>750 to 999</u>	<u>3</u>
<u>1000 and above</u>	<u>4</u>

(b) multiple inlets for the same building shall be interconnected.

Subparagraph 9.9.5.3 of the NFPA 14, Standard for the Installation of Standpipe and Hose Systems, 2022 Edition, is amended to read as follows:

9.9.5.3 Where a fire department connection services multiple buildings, structures, locations, or only a portion of a building, a sign shall be provided indicating the buildings, structures, locations, or portions of the building served.

Subsection ~~11.2.2~~ 8.2.2 of the NFPA 14, Standard for the Installation of Standpipe and Hose Systems, ~~2022~~ 2016 Edition, is amended by adding Paragraph ~~11~~8.2.2.1 to read as follows:

118.2.2.1 Where fire pumps are necessary to produce the required residual pressures for standpipe systems in high rise buildings, separate sets of calculations shall be provided to demonstrate the demand of the hydraulically most remote hose station and the demand of the sprinkler system.

Sec. 9-109. Same—Amendments, NFPA 20.

Sub-subparagraph 4.14.1.1.4 ~~4.12.1.1.3~~ of the NFPA 20, Standard for the Installation of Stationary Fire Pumps for Fire Protection, 2022 ~~2016~~-Edition, is amended to read as follows:

4.14.1.1.4 ~~4.12.1.1.3~~ The location of and access to the fire pump room shall be approved by the authority having jurisdiction.

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ARTICLE VII. FIRE ALARM AND DETECTION SYSTEMS

* * *

DIVISION 3. TECHNICAL STANDARDS

Sec. 9-120. Adopted.

The NFPA 72, National Fire Alarm and Signaling Code, 2022 ~~2016~~-Edition, as issued by the National Fire Protection Association, is hereby adopted by reference, except as amended by Section 9-121 of this chapter. One (1) copy of such publication, as adopted, shall be maintained by the Inspection Services Division in the City Hall and made available for inspection by the public during regular office hours. Any amendment or change in such code promulgated by the

NFPA shall not become part of this article until the modifications have been duly adopted by ordinance.

Section 10.1817.3 of NFPA 72, the National Fire Alarm and Signaling Code, 2022 ~~2016~~ Edition adds the following:

10.1817.3 Annunciator Access and Location. An annunciator with the following features is required when the building is greater than one story, has a sprinkler system, or has more than one type of alarm initiating device.

* * *

Paragraph 10.21.5 of the NFPA 72, National Fire Alarm and Signaling Code, 2022 ~~2016~~ Edition, is amended to read as follows:

* * *

Paragraph 17.7.6.4.2.1 of the NFPA 72, National Fire Alarm and Signaling Code, 2022 Edition, is amended by adding subparagraph 17.7.6.4.2.1.1 to read as follows:

17.7.6.4.2.1.1 Duct detection, if provided, must sound a supervisory signal.

Paragraph 17.7.6.4.2.2 of the NFPA 72, National Fire Alarm and Signaling Code, 2022 Edition, is amended by adding subparagraph 17.7.6.4.2.1.1 to read as follows:

17.7.6.4.2.2.1 Duct detection, if provided, must sound a supervisory signal.

Paragraph 17.1312.2 of the NFPA 72, National Fire Alarm and Signaling Code, 2022 ~~2016~~ Edition, is amended to by adding subparagraph 17.1312.2.1 to read as follows:

~~17.13.2.2.1~~ Standpipe or main water flow indicators, if provided, must sound a supervisory signal.

Section 18.3 of the NFPA 72, National Fire Alarm and Signaling Code, 2022 ~~2018~~-Edition, is amended by adding Sub-section 18.3.87 to read as follows:

18.3.87 Calculations. Calculations for amperage capacity of notification circuits shall provide for a minimum of a 20 percent safety factor on each circuit.

Subsection 18.4.1 of the NFPA 72, National Fire Alarm and Signaling Code, 2022 ~~2016~~ Edition, is amended by adding Paragraph 18.4.1.87 to read as follows:

18.4.1.87 Where variable volume settings are provided with an audible device, the spacing shall be based on the low volume level.

Paragraph 24.8.16~~15~~ of the NFPA 72, National Fire Alarm and Signaling Code, 2022 ~~2016~~ Edition, is amended to read as follows:

24.8.16~~15~~ If telephone jacks are provided, six (6) or more portable handsets (as determined by the authority having jurisdiction) shall be stored at each control center for use by emergency responders.

Paragraph 29.118.3.4 of the NFPA 72 National Fire Alarm and Signaling Code, 2022 ~~2016~~ Edition, is amended by adding the following subsection:

29.118.3.4(14) Enclosed rooms with a closet such as dens, libraries, studies, or sitting rooms which could be used as a sleeping area must be treated as bedrooms.

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ARTICLE VIII. SPECIAL HAZARDS

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DIVISION 3. TECHNICAL STANDARDS

Sec. 9-136. Adopted.

The NFPA 17, Standard for Dry Chemical Extinguishing Systems, ~~2024~~2016 Edition; ~~NFPA 17A, Standard for Wet Chemical Extinguishing Systems, 2016 Edition;~~ NFPA 30, Flammable and Combustible Liquids Code, ~~2024~~2018 Edition; NFPA 45, Standard on Fire Protection for Laboratories Using Chemicals, ~~2024~~2018 Edition; NFPA 58, Liquefied Petroleum Gas Code, ~~2024~~2017 Edition; NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations, ~~2024~~2017 Edition; and NFPA 241, Standard for Safeguard Construction, Alteration, and Demolition Operations, ~~2022~~2016 Edition, as issued by the National Fire Protection Association, are hereby adopted by reference, except as amend by section 9-137, section 9-138, ~~section 9-139~~, section 9-140, section 9-141, section 9-142, and section 9-143 of this chapter. One (1) copy of such publication, as adopted, shall be maintained by the Inspection Services Division in the City Hall and made available for inspection by the public during regular office hours. Any amendment or change in such code promulgated by the NFPA shall not become part of this article until the modifications have been duly adopted by ordinance.

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Sec. 9-138. Reserved.—~~Same—Amendments—NFPA 17A.~~

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Sec. 9-142. - Same—Amendments—NFPA 96.

Subsection 7.8.1 of the NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations, 2024 ~~2017~~ Edition is amended by adding the following Paragraph and Subparagraphs to read as follows:

* * *

ARTICLE IX. FIREWORKS

* * *

DIVISION 3. TECHNICAL STANDARDS

Sec. 9-161. Adopted.

The NFPA 1123, Code for Fireworks Display, 2022~~2018~~ Edition, and NFPA 1126, Standard for the Use of Pyrotechnics before a Proximate Audience, 2021~~2016~~ Edition, as issued by the National Fire Protection Association, are hereby adopted by reference, except as amended by section 9-162 and section 9-163 of this chapter. One (1) copy of such publication, as adopted, shall be maintained by the Inspection Services Division in the City Hall and made available for inspection by the public during regular office hours. Any amendment or change in such code promulgated by the NFPA shall not become part of this article until the modifications have been duly adopted by ordinance.

Sec. 9-162. Same—Amendments, NFPA 1123.

Chapter 1 of the NFPA 1123, Code for Fireworks Display, ~~2022~~2018 Edition, is amended
by adding Section 1.5 to read as follows:

* * *

NOTE: ~~Strikethrough~~ indicates material deleted.

Underlining indicates material added.

Asterisks * * * indicate material unchanged by this ordinance.

I hereby certify that the foregoing is a true and correct copy of an Ordinance
adopted by the Mayor and Council of Rockville at its meeting of

_____.

Sara Taylor-Ferrell
City Clerk/Director of Council Operation