



HOWARD COUNTY

2021

FIRE PREVENTION CODE



Calvin Ball, County Executive

Louis G. Winston, Fire Chief

Title 17. Public Protection Services.
Subtitle 1. Fire and Rescue Services.

Sec. 17.104 Howard County Fire Prevention Code.

- (a) *Adoption of National Codes:* Except as provided in subsection (b) of this section, the NFPA 1, Fire Code 2021 edition (published by the National Fire Protection Association), is adopted as the Howard County Fire Prevention Code as if the National Code is set out in full in this subtitle.
- (b) The County may adopt regulations to administer the provisions of this subtitle.
- (c) *Local amendments to the Howard County Fire Prevention Code.* The following amendments modify certain provisions of the adopted Code:
- (1) General:
 - (i) The term "Code Official", "Enforcement Officer", or "Fire Official" shall mean the Director, Chief or AHJ of the Department of Fire and Rescue Services or the Chief's authorized designee.
 - (ii) Wherever the name of the municipality is to be indicated, insert "Howard County, Maryland".
 - (iii) Wherever the term "this Code" is used, it refers to this subtitle, which shall be known as the Howard County Fire Prevention Code.
 - (iv) The term "Code Enforcement Agency" shall mean the Department of Fire and Rescue Services.
 - (2) *Subsection 1.1.1(2)*
Delete this subsection and substitute the following:
Investigation of fires, explosions, potentially explosive devices, hazardous material incidents, and other related emergency incidents. These duties may be performed in conjunction with other public agencies.
 - (3) *Subsection 1.1.1(3)*
Delete this subsection and substitute the following:
In conjunction with the Department of Planning and Zoning, review of site development plans for adequate access, water supply, and other life safety issues.
In conjunction with the Department of Inspections, Licenses and Permits, the

review of design and construction drawings, plans, and specifications for life safety systems, fire protection systems, and other fire and life safety issues.

(4) *Subsection 1.1.1(5)*

Delete this subsection and substitute the following:

The inspection of existing occupancies, structures, and areas. In conjunction with the Department of Inspections, Licenses, and Permits, the design of new buildings and alterations and additions to existing buildings. The AHJ may independently inspect new and existing structures during construction, alteration, and demolition for the purpose of assuring compliance with NFPA 241, as amended.

(5) *Subsection 1.1.1(6)*

Delete this subsection and substitute the following:

The maintenance and testing of existing fire protection systems and equipment and, in conjunction with the Department of Inspections, Licenses and Permits, the design, alteration, modification, and installation of new and existing fire protection systems and equipment.

(6) *Subsection 1.1.1(16)*

Delete this subsection and substitute the following:

In conjunction with the Department of Inspections, Licenses and Permits, the arrangement, design, construction and alteration of new and existing means of egress.

(7) *Subsection 1.3.3.1*

Delete this subsection and substitute the following:

When this Code and any other referenced codes or code sections have conflicting requirements, the most restrictive requirement shall apply. The AHJ may accept alternative features or requirements that provide the same level of fire safety as the requirements of this Code. The AHJ's acceptance of alternatives shall be in writing.

(8) *Subsection 1.3.3.1.1*

Add new subsection 1.3.3.1.1 after subsection 1.3.3.1 as follows:

If sections of this Code are less restrictive than the latest adopted version of the Maryland State Fire Prevention Code, the applicable provisions of the Maryland State Fire Prevention Code shall apply.

(9) *Section 1.4.2*

Delete this section and substitute the following:

The AHJ may accept alternate methods of satisfying intent of this Code if the material, method, or work is at least the equivalent of that required by this Code in quality, effectiveness, durability, and safety and meets or exceeds the intent of this Code.

(10) *Section 1.7.1*

Delete this section and substitute the following:

Administration. The provisions of this Code and sections 17.105, 17.106, 17.107, and 17.111 of the Howard County Code shall apply without restriction, unless specifically exempted.

(11) *Section 1.7.5*

Insert the following at the end of this section:

In addition to the enforcement authority of the AHJ and the enforcement authority granted to the Department of Police and other applicable government authorities by Section 1.7.4 and Section 65.1.3 of this Code, the Director of the Department of Inspections, Licenses and Permits, or the Director's authorized designee, may enforce the provisions of this Code when:

- (1) Reviewing plans for or inspecting new construction;
- (2) Requested to conduct specific inspections authorized by the AHJ; or
- (3) Inspecting commercial or residential buildings, structures, sites, or areas.

(12) *Subsection 1.7.7.1*

Delete this subsection and substitute the following:

The AHJ shall designate persons authorized to inspect all buildings, structures, sites, or areas, including single-family dwellings where required by this Code, for the purposes of ascertaining and causing to be corrected any conditions liable to

cause fire, contribute to the spread of fire, interfere with firefighting operations, endanger life or any violations of the provisions or intent of this Code or any other ordinance affecting fire safety.

(13) *Subsection 1.7.7.1.1*

Add new subsection 1.7.7.1.1 after subsection 1.7.7.1 as follows:

Personnel performing inspections may document inspections through any appropriate means including the use of photography and video recording.

(14) *Subsection 1.7.7.6*

Add new subsection 1.7.7.6 after subsection 1.7.7.5 as follows:

A person who refuses to allow an inspection of a building, structure, site, or area when the inspection is authorized by this Code is guilty of a misdemeanor and, upon conviction, is subject to a fine not exceeding \$1,000.00 or imprisonment not exceeding 30 days or both. Alternatively, and in addition to and concurrent with all remedies provided at law or equity, a Fire Official may enforce this section with civil penalties pursuant to title 24, "civil penalties," of the Howard County Code. A violation of this subsection is a Class A offense. Each day that a violation continues is a separate offense.

(15) *Subsection 1.7.9.1*

Add new subsection 1.7.9.1 after section 1.7.9 as follows:

A person interfering or causing a condition that would interfere with the enforcement of this Code is guilty of a misdemeanor and, upon conviction, is subject to a fine not exceeding \$1,000.00 or imprisonment not exceeding 30 days or both. Alternatively, and in addition to and concurrent with all remedies provided at law or equity, a Fire Official may enforce this section with civil penalties pursuant to title 24, "civil penalties," of the Howard County Code. A violation of this subsection is a Class A offense. Each day that a violation continues is a separate offense.

(16) *Subsection 1.7.10.1*

Add new subsection 1.7.10.1 after section 1.7.10 as follows:

A person impersonating a Fire Official is guilty of a misdemeanor and, upon conviction, is subject to a fine not exceeding \$1,000.00 or imprisonment not

exceeding 30 days or both. Alternatively, and in addition to and concurrent with all remedies provided at law or equity, a Fire Official may enforce this section with civil penalties pursuant to title 24, "civil penalties," of the Howard County Code. A violation of this subsection is a Class A offense. Each day that a violation continues is a separate offense.

(17) *Subsection 1.7.11.1*

Delete this subsection and substitute the following:

Authority. The AHJ may investigate the origin, cause, and circumstances of any fire, explosion, potentially explosive device, hazardous materials incident, or other emergency situation. These duties may be performed in conjunction with other public agencies.

(18) *Subsection 1.7.11.1.1*

Add new subsection 1.7.11.1.1 after subsection 1.7.11.1 as follows:

To the extent permitted by law, the County may pursue legal action to seek reimbursement of costs for emergency services provided in response to arson, malicious burns, explosive device, and hoax explosive device incidents from the person or persons who committed the crime(s).

(19) *Subsection 1.7.11.2*

Delete this subsection and substitute the following:

Evidence. The AHJ may take custody of all physical evidence relating to a fire, explosion, hazardous materials incident, or other emergency or hazardous situation.

(20) *Subsection 1.7.11.4*

Add new subsection 1.7.11.4 after subsection 1.7.11.3 as follows:

A person interfering or causing a condition that would interfere with an investigation is guilty of a misdemeanor and, upon conviction, is subject to a fine not exceeding \$1,000.00 or imprisonment not exceeding 30 days or both.

Alternatively, and in addition to and concurrent with all remedies provided at law or equity, a Fire Official may enforce this section with civil penalties pursuant to title 24, "civil penalties," of the Howard County Code. A violation of this

subsection is a Class A offense. Each day that a violation continues is a separate offense.

(21) *Subsection 1.7.13.1*

Delete this subsection and substitute the following:

The AHJ may inspect structures undergoing construction, alteration, or demolition to ensure compliance with NFPA 241. When requested by the Department of Inspections, Licenses, and Permits, the Department of Fire and Rescue Services shall assist the Department of Inspections, Licenses and Permits with the inspection of new construction, alterations, or the installation of processes or equipment covered by this Code.

(22) *Subsection 1.7.13.3*

Amend this subsection to add “or other applicable government authority” after “AHJ”.

(23) *Subsection 1.7.15.1*

Add new subsection 1.7.15.1 after section 1.7.15 as follows:

Work subject to a stop work order by the AHJ shall immediately stop. The AHJ may rescind a stop work order after the situation has been corrected and inspected by the AHJ or an inspection by the Department of Inspections, Licenses and Permits deems the building is safe.

(24) *Subsection 1.7.15.2*

Add new subsection 1.7.15.2 after subsection 1.7.15.1 as follows:

In addition to any other enforcement action, a person failing to obey an order to stop work, abate a condition, cease a use, or immediately evacuate a building, structure, site, or area is guilty of a misdemeanor and, upon conviction, is subject to a fine not exceeding \$1,000.00 or imprisonment not exceeding 30 days or both. Alternatively, and in addition to and concurrent with all remedies provided at law or equity, a Fire Official may enforce this section with civil penalties pursuant to title 24, "civil penalties," of the Howard County Code. A violation of this subsection is a Class A offense. Each day that a violation continues is a separate offense.

(25) *Subsection 1.7.16.5*

Add new subsection 1.7.16.5 after subsection 1.7.16.4 as follows:

The AHJ may order the evacuation of a building or structure if the fire detection or suppression system is not in working order, the building or structure is overcrowded, or there is a violation of this Code that creates a hazardous condition, emergency, or imminent danger.

(26) *Subsection 1.7.17.4*

Add new subsection 1.7.17.4 after subsection 1.7.17.3 as follows:

Individuals designated as standby fire personnel (fire watch) must:

- (1) Have a functional knowledge of the building layout and the building's systems;
- (2) Be able to operate valves, climb stairs, dial phones, and speak calmly and clearly in a stressful situation;
- (3) Manage people in an emergency; and
- (4) Have the knowledge and ability to operate a fire extinguisher.

(27) *Subsection 1.7.17.4.1*

Add new subsection 1.7.17.4.1 after subsection 1.7.17.4 as follows:

Standby fire personnel shall walk the entire building at least one time each hour in order to check for smoke or fire and to ensure that all means of egress are accessible and unobstructed.

(28) *Subsection 1.7.17.4.2*

Add new subsection 1.7.17.4.2 after subsection 1.7.17.4.1 as follows:

Standby fire personnel may also be required to operate a fire extinguisher.

However, the primary responsibility of standby fire personnel is the evacuation and safety of the building's occupants.

(29) *Subsection 1.7.17.4.3*

Add new subsection 1.7.17.4.3 after subsection 1.7.17.4.2 as follows:

Standby fire personnel shall not have any other duties while they are serving as standby fire personnel.

(30) *Subsection 1.7.17.4.4*

Add new subsection 1.7.17.4.4 after subsection 1.7.17.4.3 as follows:

The standby fire personnel shall have the ability to communicate with the Howard County Police Department, Division of Communications (911 Center).

(31) *Subsection 1.7.17.4.5*

Add new subsection 1.7.17.4.5 after subsection 1.7.17.4.4 as follows:

Standby fire personnel shall maintain a log every hour and shall note the area checked, the time it was checked and by whom. The log shall be maintained on the premises and, where required by the AHJ, a copy forwarded to the AHJ by a method prescribed by the AHJ.

(32) *Subsection 1.7.17.4.6*

Add new subsection 1.7.17.4.6 after subsection 1.7.17.4.5 as follows:

The property owner shall designate the lesser of either (1) one person per 100,000 sq. ft. of building space; or (2) one person for every five (5) floors. The AHJ may require additional standby fire personnel. When multiple personnel are required, they shall have the ability to communicate with each other.

(33) *Subsection 1.7.17.4.7*

Add new subsection 1.7.17.4.7 after subsection 1.7.17.4.6 as follows:

In the event of an emergency, the standby fire personnel shall:

- (1) Evacuate the occupants;
- (2) Call 911 and report the emergency and provide an exact building address and location of smoke or fire;
- (3) Notify other standby fire personnel;
- (4) Activate the impaired fire alarm and/or sprinkler system if possible; and
- (5) Direct responding fire personnel to the smoke/fire area.

(34) *Subsection 1.7.17.5*

Add new subsection 1.7.17.5 after subsection 1.7.17.4 as follows:

A person failing to provide approved standby fire personnel (fire watch) or failing to carry out the duties of standby fire personnel is guilty of a misdemeanor and, upon conviction, is subject to a fine not exceeding \$1,000.00 or imprisonment not exceeding 30 days or both. Alternatively, and in addition to and concurrent with

all remedies provided at law or equity, a Fire Official may enforce this section with civil penalties pursuant to title 24, "civil penalties," of the Howard County Code. A violation of this section is a Class A offense. Each day that a violation continues is a separate offense.

(35) *Subsection 1.8.1.1*

Add new subsection 1.8.1.1 after subsection 1.8.1 as follows:

The incident commander has additional powers set forth in section 17.105 of the Howard County Code.

(36) *Section 1.9.3*

Delete this section and substitute the following:

Any suit brought against the AHJ or any other individual who the AHJ has delegated the authority to enforce this Code because of an act or omission performed in the enforcement of this Code or other pertinent law implemented through the enforcement of this Code or enforced by the AHJ shall be defended by Howard County in accordance with Maryland law and the Howard County Code.

(37) *Section 1.10*

Delete this section in its entirety.

(38) *Section 1.11*

Delete this section in its entirety.

(39) *Subsection 1.12.1.1*

Add subsection 1.12.1.1 after subsection 1.12.1 as follows:

The AHJ may adopt regulations governing the issuance of any permit, certificate, or approval required by law. A permit required by a state or other County agency shall be obtained and a permit required by the Howard County Department of Inspections, Licenses and Permits shall be obtained for the construction, renovation, or alteration of any building, structure, area, or fire protection equipment.

(40) *Subsection 1.12.6.13*

In the first line, delete "permits shall" and substitute "permits may".

(41) *Section 1.12.8*

Delete this section and substitute the following:

A permit for a hazardous material is required in accordance with Table 1.12.8(a) through Table 1.12.8(d), and for a hazardous material identified in subsection 60.1.1.1 of this Code.

(42) *Section 1.13.2*

In the section title, delete "Mandatory". In the first sentence, delete "shall" and substitute "may".

(43) *Subsection 1.13.12.4*

Delete this section.

(44) *Section 1.14.1*

Delete this section and substitute the following:

When requested by the Department of Inspections, Licenses and Permits or other government authorities, the AHJ shall assist in the plan review of new construction, modifications, alterations, and the installation of equipment. The AHJ may require construction documents and shop drawings to be submitted, reviewed, and approved by the AHJ prior to the start of such work.

(45) *Subsection 1.15.1.1*

Add new subsection 1.15.1.1 after subsection 1.15.1 as follows:

Circumstances that may require a third-party review include but are not limited to:

- (1) A person requests an equivalent method, alternative, or modification to a code requirement; or
- (2) There is insufficient evidence of compliance with the Code on technical matters, uses, operations, or equipment.

(46) *Section 1.16.1*

Delete this section and substitute the following:

Nothing in this section shall prevent enforcement of this Code using any other means provided by law, including equitable and criminal enforcement. Except in the case of a Class A offense and as set forth in subsection 1.16.2.1 of this Code, if the AHJ determines that a violation of this Code exists, the AHJ shall issue a written notice of violation. Any violation that has not been abated within the time

specified by the AHJ shall be a Class A violation for failure to abate, pursuant to subsection 17.104(c)(24) of this section.

(47) *Subsection 1.16.1.1*

Add new subsection 1.16.1.1 after subsection 1.16.1 as follows:

The Fire Official may issue a citation authorized by title 24 of the Howard County Code without issuing a notice of violation first for any Class A offense. Without limitation, a violation of any of the following provisions of this Code is a Class A offense:

- (1) Section 1.7.7, Inspections;
- (2) Section 1.7.9, Interference with enforcement;
- (3) Section 1.7.10, Impersonation;
- (4) Section 1.7.11, Investigation;
- (5) Section 1.7.15, Stop work order;
- (6) Section 1.7.16, Imminent dangers and evacuation;
- (7) Section 1.7.17, Standby and fire watch personnel;
- (8) Section 1.16.1, Failure to abate;
- (9) Section 4.4.3, Means of egress;
- (10) Section 10.2.8, Reckless endangerment;
- (11) Sections 13.1.2, 13.1.6.1, 13.1.8, 13.1.9, and 13.1.15 Regarding fire protection systems;
- (12) Section 14.4, Means of egress reliability;
- (13) Section 18.2.3.6, Marking of fire apparatus access roads and fire lanes;
- (14) Section 20.1.5.8.3, Regarding exceeding occupancy limits;
- (15) Section 60.1, Hazmat permitting; or
- (16) Chapter 65, Regarding explosives, fireworks, flame effects before audience and model rocketry.

(48) *Subsection 1.16.2.1*

Delete this section and substitute with the following:

Where a notice of violation is required, it may be served in one of the following methods:

- (1) Personal service;

- (2) Electronic delivery;
- (3) Certified or registered mail, restricted delivery, return receipt requested;
- (4) First class mail to the last known address of the alleged violator; or
- (5) A copy of the notice of violation may be posted in a conspicuous place on the property.

(49) *Subsection 1.16.2.2*

Delete this subsection in its entirety.

(50) *Subsection 1.16.4.3*

Delete this subsection.

(51) *Section 1.16.6*

Add new section 1.16.6 after section 1.16.5 as follows:

When there is any violation of this subtitle, this Code, or any action taken under this Code, the Fire Official may institute appropriate action to prevent, enjoin, abate, or remove the violation. Alternatively, and in addition to and concurrent with all other remedies provided by law, the Fire Official may enforce this subtitle and this Code by the use of civil penalties pursuant to title 24, "civil penalties," of the Howard County Code. A violation of this Code is a Class C offense except as otherwise specified in this Code.

(52) *Subsection 1.16.6.1*

Add new subsection 1.16.6.1 after section 1.16.6 as follows:

If a person refuses or fails to comply with any provision of this subtitle, or to correct a violation within the time specified in the notice of violation, or an imminent danger exists, the Fire Official may petition the court for an order permitting entry upon the property to abate the violation at the owner's expense or to take custody of unlawful hazardous materials.

(53) *Section 1.17*

Delete this section and substitute the following:

Authority to adopt fees. The County Council may adopt by resolution a schedule of fees for services performed by the AHJ including, without limitation, issuing permits and performing inspections, and for other services performed pursuant to this Code.

(54) *Section 2.1*

Delete this section and substitute the following:

General. The documents listed in this chapter are requirements of this Code as if they were fully set forth in this Code, except for the:

- (1) NFPA 5000, Building Construction and Safety Code 2021 Edition;
- (2) NFPA 54, National Fuel Gas Code, 2021 Edition; and
- (3) NFPA 70, National Electric Code, 2020 Edition.

(55) *Section 2.1.1 and Subsections 2.1.1.1 and 2.1.1.2*

Amend each to replace "Compliance" with "Where permitted by the AHJ, compliance".

(56) *Section 2.1.2*

Add new section 2.1.2 after section 2.1.1 as follows:

Except for specific text extracted from NFPA 1, a reference in this Code to "NFPA 5000, Building Construction and Safety Code 2021 Edition" means the Howard County Building Code adopted in title 3, subtitle 1 of the Howard County Code.

(57) *Section 2.1.3*

Add new section 2.1.3 after section 2.1.2 as follows:

Except for specific text extracted from NFPA 1, a reference in this Code to "NFPA 54, National Fuel Gas Code, 2021 Edition" means the Howard County Plumbing and Gasfitting Regulations adopted in title 3, subtitle 3 of the Howard County Code.

(58) *Section 2.1.4*

Add new section 2.1.4 after section 2.1.3 as follows:

Except for specific text extracted from NFPA 1, a reference in this Code to "NFPA 70, National Electrical Code, 2020 edition" means the Howard County Electrical Regulations adopted in title 3, subtitle 2 of the Howard County Code.

(59) *Section 2.2*

Delete the referenced publication NFPA 150 Standard on Fire and Life Safety in Animal Housing Facilities, as amended.

(60) *Section 3.2.2*

Delete this section and substitute the following:

Authority having jurisdiction (AHJ). For the purposes of this Code the authority having jurisdiction is the Howard County Department of Fire and Rescue Services.

(61) *Subsection 3.2.8.1*

Add new subsection 3.2.8.1 after section 3.2.8. As follows:

May. May is permissive and discretionary. When this Code states "the AHJ may require" indicates a requirement, provision, or practice that can be mandated by the AHJ depending upon the situation or circumstances.

(62) *Section 3.3.2*

At the end of this section, add the following:

The AHJ shall specify the type of box, device, or system.

(63) *Subsection 3.3.14.10.1*

Add subsection 3.3.14.10.1 after subsection 3.3.14.10:

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 or retail display and sale to the public.

(64) *Section 3.3.19a*

Add new section 3.3.19a after section 3.3.19 as follows:

Barbecue grill. Equipment used for outdoor cooking that uses electricity, charcoal, liquid propane gas, natural gas, or other fuel for its heat source.

(65) *Section 3.3.34a*

Add new section 3.3.34a after section 3.3.34 as follows:

Bulkhead door. A type of door assembly covering an opening in the ground that provides direct access to a basement, the floor of which is not more than 8 feet below ground level. The door consists of either a single rigid leaf or two overlapping rigid leaves or covers that need to be pushed or lifted upward in order to be opened. After opening the door, a person can walk up a series of steps to escape to the outside. A bulkhead door is also called a hurricane door.

- (66) *Subsection 3.3.56.2*
Delete "2.2" and substitute "2.1.4".
- (67) *Subsection 3.3.56.3*
Delete this subsection and substitute the following:
A reference in this Code to the "Mechanical Code" means the International Mechanical Code adopted pursuant to title 3, subtitle 1 of the Howard County Code.
- (68) *Subsection 3.3.56.4*
Delete "2.2" and substitute "2.1.3".
- (69) *Section 3.3.125*
At the end of this section add "A use-in-common driveway, access place road, or fire department apparatus access road serving more than one single family dwelling may be considered a fire apparatus access road or fire lane."
- (70) *Section 3.3.131*
Delete this section and substitute the following:
Fire lane. A fire apparatus access road, curb, roadway or portion of a roadway that is designated by the AHJ as required for access by emergency vehicles and that is marked with approved signs or other notices in accordance with this Code.
- (71) *Section 3.3.136*
Amend this section to add "and as referenced in Public Safety Article, §10-101, Annotated Code of Maryland, or as determined by the AHJ."
- (72) *Subsection 3.3.136.1*
Amend this subsection to add "and as referenced in Public Safety Article, §10-101, Annotated Code of Maryland, or as determined by the AHJ."
- (73) *Section 3.3.166*
Delete this section and substitute the following:
Imminent danger. A condition, use, or practice in an occupancy, structure, site, or area that poses a hazard or danger that could reasonably be expected to cause death, physical injury, or damage to property.

(74) *Section 3.3.175a*

Add new section 3.3.175a after section 3.3.175 as follows:

Life Safety Evaluation. A written review dealing with the adequacy of life safety features relative to fire, storm, collapse, crowd behavior, and other related safety considerations.

(75) *Section 3.3.178a*

Add new section 3.3.178a after section 3.3.178 as follows:

Lock-up. Except in a detention or correctional occupancy, an area where occupants are restrained and mostly incapable of self-preservation because of security measures that are not under the occupant's control.

(76) *Subsection 3.3.199.6*

Delete this subsection.

(77) *Subsection 3.3.199.7*

Delete "four or more".

(78) *Subsection 3.3.199.7.1*

Add new subsection 3.3.192.7.1 after subsection 3.3.192.7 as follows:

Family day-care home. A day-care home, generally within a dwelling unit, in which 8 or fewer clients receive care, maintenance, and supervision by an individual other than a relative or legal guardian for less than 24 hours per day.

(79) *Subsection 3.3.199.7.2*

Add new subsection 3.3.199.7.2 after subsection 3.3.199.7.1 as follows:

Group day-care home. A day-care home, generally within a dwelling unit, in which not less than 9, but not more than 12, clients receive care, maintenance, and supervision by an individual other than a relative or legal guardian for less than 24 hours per day.

(80) *Subsection 3.3.199.7.3*

Add new subsection 3.3.199.7.3 after subsection 3.3.199.7.2 as follows:

Day care center. A day care occupancy in which more than 12 clients receive care, maintenance, and supervision by an individual other than a relative or legal guardian, for less than 24 hours per day.

(81) *Subsection 3.3.199.17*

Delete this subsection and substitute the following:

Lodging or rooming house. A building or portion of a building that:

- (1) Does not qualify as a one- or two-family dwelling;
- (2) Provides sleeping accommodations for 6 or more people but not more than 16 people on a transient or permanent basis;
- (3) Does not provide personal care services;
- (4) May or may not provide meals; and
- (5) Does not have separate cooking facilities for individual occupants.

(82) *Subsections 3.3.199.25 and 3.3.199.25.1*

Amend these subsections to delete "three" and substitute "five" and delete", if any, accommodated in rented rooms".

(83) *Subsection 3.3.199.28*

Delete this subsection and substitute the following:

Residential board and care occupancy. A building or portion of a building that is used for lodging and boarding of six or more residents, not related by blood or marriage to the owner or operator, for the purpose of providing personal care services.

(84) *Section 3.3.215a*

Add new section 3.3.215a after section 3.3.215 as follows:

Person:

- (1) An individual, corporation, firm, partnership, association, organization, or any other group acting as a unit; or
- (2) An executor, administrator, trustee, receiver, or other representative appointed according to law.

(85) *Section 3.3.235*

Delete this section and substitute the following:

Recreational fire. The outside open burning of any material for pleasure, religious, ceremonial, cooking, or similar purposes that is subject to the rules and regulations set forth by the AHJ.

- (86) *Subsection 4.4.3.1.4*
Add new subsection 4.4.3.1.4 after subsection 4.4.3.1.3 as follows:
Visual obscuration systems associated with security or burglar alarm systems are not permitted.
- (87) *Subsection 4.5.8.1*
Amend this section to delete "for compliance with the provisions of this Code".
- (88) *Subsection 4.5.8.3*
Amend this section to delete "by the Code".
- (89) *Subsection 6.1.8.1.1*
Amend this section to delete "three" and substitute "five" and to delete ", if any accommodated in rented rooms".
- (90) *Subsection 6.1.9.1*
Delete this subsection and substitute the following:
Residential board and care occupancy. A building or portion of a building that is used for lodging and boarding of six or more residents, not related by blood or marriage to the owner or operator, for the purpose of providing personal care services.
- (91) *Section 10.1.2*
Amend this section to add "except as amended by title 17, subtitle 1, Section 17.104 of the Howard County Code"
- (92) *Subsection 10.1.2.1*
Add new subsection 10.1.2.1 after subsection 10.1.2 as follows:
When provisions of the Life Safety Code (NFPA 101) conflict with this Code, the more restrictive requirements shall apply.
- (93) *Section 10.2.7*
Delete this subsection as well as Table 10.2.7.1.
- (94) *Section 10.2.8*
Add new section 10.2.8 after section 10.2.7 as follows:
Reckless endangerment. Any person who recklessly engages in conduct, in violation of any provision of this Code, that creates a substantial risk of death or serious physical injury is guilty of a misdemeanor and, upon conviction, is subject

to a fine not exceeding \$1,000.00 or imprisonment not exceeding 30 days or both. Alternatively, or in addition to and concurrent with all remedies provided by law or equity, the Fire Official may enforce this section with civil penalties pursuant to title 24 of the Howard County Code. A violation of either section is a Class A offense. Each day that a violation continues is a separate offense.

(95) *Section 10.4.1*

Delete section 10.4.1 and substitute the following:

Whenever a fire or emergency occurs in a building or there is a reason to believe a fire or emergency exists in a building, the building shall be immediately evacuated and may not be reoccupied without permission of the Fire Official in charge. If the building is provided with a manual fire warning system, a person who has knowledge of the fire or emergency shall activate the manual fire warning system. Complete evacuation is not required when alternative procedures have been detailed in a fire plan, including a plan to shelter in place that has been approved by the AHJ.

(96) *Section 10.4.2*

Amend this subsection to replace “AHJ” with “AHJ or incident commander”.

(97) *Section 10.9.5*

Add new section 10.9.5 after section 10.9.4 as follows:

In addition to the requirements set forth in this section and requirements for specific occupancies as set forth in this Code, the requirements of title 12, subtitle 6 of the Howard County Code shall apply.

(98) *Section 10.10.1*

Delete this section and substitute the following:

As allowed by the AHJ, all outdoor, open, recreational, cooking, and similar fires shall meet the requirements of section 12.108 of the Howard County Code, as well as the provisions of this chapter.

(99) *Subsection 10.10.1.1*

Delete this subsection and substitute the following:

Unless open flame devices or candles meet the following requirements, a person shall not use or allow to be used, open flames or burning candles in connection

with any public meeting or gathering for the purpose of deliberation, entertainment, amusement, instruction, education, recreation, display, or similar purpose in any occupancy open to the public, including assembly, business, educational, daycare and or mercantile occupancies. Candles or open flame devices not meeting the following requirements may be used in connection with a worship service in any place of worship if used or disposed of in such a manner as not to create a hazardous condition, emergency, or imminent danger. For a candle or device to be approved by the AHJ, the candle or device shall meet the requirements set forth below and all referenced and applicable codes.

- (1) Candles, disposable or refillable fuel cartridges, or other open-flame decorative lighting shall not use Class I, II, or IIIA liquids or liquefied petroleum gases (LPG). Examples include, but are not limited to the following:
 - (a) Class I: gasoline, alcohol, turpentine;
 - (b) Class II: diesel fuel, kerosene;
 - (c) Class IIIA: mineral oil, linseed oil, oil based paints; and
 - (d) Liquefied petroleum gases: propane, butane, butylenes, propylene.
- (2) Except for candles, liquid or solid fueled lighting devices shall have a self-extinguishing captive-free floating snuffing device and shall not leak fuel at a rate of more than $\frac{1}{4}$ teaspoon per minute if tipped over.
- (3) Devices or holders shall be constructed to prevent the spilling of liquid fuel or wax at the rate of more than $\frac{1}{4}$ teaspoon per minute when the device or holder is not in an upright position.
- (4) Except for units that self-extinguish and do not spill fuel or wax at the rate of more than $\frac{1}{4}$ teaspoon per minute if tipped over, devices or holders shall be designed to return to the upright position after being tilted to an angle of 45 degrees.
- (5) Except where openings on the sides are not more than $\frac{3}{4}$ of an inch in diameter, flames of candles, disposable or refillable fuel cartridges, or other open-flame decorative lighting shall be enclosed. The opening on the top and the distance to the top shall be such that a single layer of tissue paper placed

on the top will not ignite in 10 seconds and the fuel container shall have no means of adjusting the height of the flame.

- (6) Except where an open flame device self-extinguishes if the device is tipped over, chimneys shall be made of non-combustible material and shall be securely attached to the open-flame device.
- (7) Disposable or refillable liquid fuel cartridges shall not be under pressure and shall be safely sealed for storage. The fuel container shall be sealed so that it cannot be refilled on the premises and so that the burner assembly cannot be removed from the fuel container.
- (8) Chimney shades, if used, shall be made of non-combustible materials and securely attached to the open-flame device holder or chimney. The base, device, or holder and any decoration around or near the base must be noncombustible. Devices must be located so as to avoid ignition of any combustibles.
- (9) Used or previously burned candles or other open flame devices must be stored or disposed of in a manner approved by the AHJ. This includes, but is not limited to, placing used candles stored for future use in non-combustible storage containers after the candle has cooled. Candles being disposed of must be placed in non-combustible waste containers.

(100) *Subsections 10.10.1.2, 10.10.1.3 and 10.10.1.4*

Delete these subsections.

(101) *Section 10.10.2*

Add "sky lanterns," after "candles,"

(102) *Section 10.10.4.1*

Delete this subsection and substitute the following:

Open fires greater than 3 ft in diameter shall be located not less than 50 ft from any structure and must meet all provisions set forth by the AHJ. No fires over 5 ft in diameter are allowed unless express written permission is granted by the AHJ and the Howard County Bureau of Environmental Health.

(103) *Subsection 10.10.4.3*

Amend this section to add “ as referenced in 10.10.4.7” after “manner”.

(104) *Subsection 10.10.4.5*

Add new subsection 10.10.4.5 after subsection 10.10.4.4 as follows:

Fuel for the fire shall consist only of seasoned dry firewood and shall be ignited with something other than a flammable liquid such as a small quantity of paper.

(105) *Subsection 10.10.4.6*

Add new subsection 10.10.4.6 after subsection 10.10.4.5 as follows:

If severe winds are prevalent (greater than 10 MPH), the fire may not be ignited.

(106) *Subsection 10.10.4.7*

Add new subsection 10.10.4.7 after subsection 10.10.4.6 as follows:

Where the containment method as referenced in subsection 10.10.4.3 is approved by the AHJ, devices including, but not limited to, chimineas, luminaries, and fire pits may be located no closer than 15 ft of any structure, but not on any balcony or under any overhanging portion. While evaluating the specific device for approval of the reduced distance, the AHJ shall determine whether subsections 10.10.4.5 and 10.10.4.6 shall apply.

(107) *Subsection 10.10.4.7.1*

Add new subsection 10.10.4.7.1 after subsection 10.10.4.7 as follows:

Devices referenced in subsection 10.10.4.7 that are part of the approved original construction shall be equipped with spark arrestors and the fire area shall not exceed 3 feet in diameter.

(108) *Subsection 10.10.6.1*

Amend this subsection to delete “10 ft” and substitute “15 ft”.

(109) *Subsection 10.10.6.1.1*

Add new subsection 10.10.6.1.1 after subsection 10.10.6.1 as follows:

The AHJ may approve electric grills that do not use an alternative fuel.

(110) *Section 10.10.7*

Delete this section and substitute:

Patio heaters with an open flame shall not be within 5 feet of an exit or opening, or used in a structure or enclosed area. Patio heaters with an open flame shall be secured, maintained, and kept away from combustibles. The use of any patio heater with an open flame shall be in accordance with manufacturers

recommendations. Propane fueled patio heaters shall also meet requirements in 69.3.13 of the NFPA 1.

(111) *Subsection 10.11.1.1*

Delete this subsection and substitute the following:

The owner of a structure shall display Arabic numbers designating the address assigned to the structure by the Howard County Department of Planning and Zoning.

- (1) Numbers shall be at least four inches high for single-family detached and attached residences and six inches high for commercial, industrial, and multi-family structures.
- (2) For new residential construction, where a common numeric address is used for separate dwellings in a vertical stack or column, an alphabetic identifier must designate each dwelling of the structure. The lowest level occupancy shall always be assigned as the “A” unit. Subsequent occupancies above shall proceed sequentially with alphabetic designations. Any alteration to this configuration must be approved in writing by the AHJ.
- (3) In addition to the numbers required on a structure, where the structure has more than one address or where more than one structure share a common entry driveway, numbers shall designate the addresses in sequence on a sign posted at the entry or common driveway.
- (4) The AHJ may require address identification to be located on more than one side of the structure.
- (5) Address numbers at least 6 inches in height shall be installed on the rear access doors to all commercial establishments. Those doors which are located inside of a mall, office building or similar space with assigned suite numbers shall have their suite numbers posted with numerals or alphabet letters at least 2½ inches tall.
- (6) Where no address has been assigned by the Howard County Department of Planning and Zoning, a premises identification means approved by the AHJ shall be used for identification purposes.

- (7) In all new residential multi-family buildings having two or more floors, a uniform numeric system shall be utilized to identify all dwelling units with a number that is unique to only one unit. All units in a vertical stack or column shall be uniformly numbered such that they all share a numeric reference to each other in that stack or column, as approved by the AHJ. For example, unit 301 shall be directly over unit 201, which is directly over unit 101. In the event an open or amenity space on any floor prevents this uniformity, the corresponding unit number shall be omitted rather than moved outside of the numerically uniform column or stack.
- (112) *Subsection 10.11.1.4*
Delete this subsection and substitute the following:
Where required by the AHJ, the assignment of addresses to buildings shall be in accordance with an approved method.
- (113) *Subsection 10.11.1.5*
Amend this subsection to replace “Address” with “Where required by the AHJ, address”.
- (114) *Subsection 10.11.1.7*
Delete this subsection and substitute the following:
Numbers shall be posted on a contrasting background and displayed in a conspicuous place that is unobstructed and clearly visible from the street named in the official address of the structure.
- (115) *Subsection 10.11.1.9*
Add new subsection 10.11.1.9 after subsection 10.11.1.8 as follows:
Where required by the AHJ, symbols in compliance with NFPA 170 Standard for Fire Safety and Emergency Symbols shall be used.
- (116) *Subsection 10.11.3.1*
Delete this subsection and substitute the following:
Stairs serving three or more stories shall comply with 10.11.3.1.1 through 10.11.3.1.16.
- (117) *Section 10.11.3.1.4*
Amend this subsection to add “alphabetic” before “identification”.

(118) *Section 10.11.3.1.4.1*

Add new subsection 10.11.3.1.4.1 after section 10.11.3.1.4 as follows:

An additional affixed sign shall be provided on the exterior of each stairwell door at the ground level indicating the alphabetic identification of the stair enclosure preceded by the word “stair”.

(119) *Subsection 10.12.2.1*

Delete this subsection and substitute the following:

Where the AHJ determines a life safety or other hazard exists, the AHJ may approve fire protection and fire alarm systems in seasonal and vacant buildings to be removed from service. This approval shall be in writing.

(120) *Section 10.12.4*

Add new section 10.12.4 after section 10.12.3 as follows:

A building or structure is a fire hazard if the building or structure or any portion of the building or structure is vacant and unsecured.

(121) *Section 10.12.5*

Add new section 10.12.5 after section 10.12.4 as follows:

The AHJ may require all utilities to be disconnected in a vacant building or structure.

(122) *Section 10.12.6*

Add new section 10.12.6 after section 10.12.5 as follows:

The AHJ may require the vacant or abandoned structure to be marked with symbols provided by the AHJ at the structure's front door that shall indicate one of the following:

- (1) Vacant—Normal stability at time of marking;
- (2) Vacant—Interior hazards exists to such a degree that interior operations may be conducted only after examination, and with extreme caution; or
- (3) Vacant—Every effort must be made to conduct operations from the exterior. When absolutely necessary to enter the building, adhere to the following:
 - (a) Approval by the Officer in command is required;
 - (b) Examination must be conducted before unit is committed;

(c) Operating force and interior operational time to be kept to a minimum.

(123) *Subsection 10.13.2.1*

Amend this section to insert “, in accordance with section 17.106 of the Howard County Code” after “hazard”.

(124) *Subsection 10.14.1*

Delete this subsection and substitute the following:

All special events shall comply with the regulations set forth in the Howard County Code, Title 17, Subtitle 9. When the special event does not require a permit, as specified in Title 17, Subtitle 9, the organizer or responsible party shall notify the AHJ not less than twenty-one (21) days prior to the event for review of compliance with this Code.

(125) *Subsection 10.14.12.2.6*

Amend this section to delete "any vehicles" and substitute "any vehicles, buildings,".

(126) *Section 10.15.5.1*

Amend this section to replace “Portable” with “Unless otherwise approved by the AHJ, portable”.

(127) *Section 10.16.1*

Delete this section and substitute the following:

Outside storage of combustible or flammable material shall not be located within 15 feet of a property line, building, structure, or anything determined as at risk by the AHJ. The volume of material shall not exceed 2,500 cubic feet.

(128) *Subsection 10.16.1.1*

Add new subsection 10.16.1.1 after section 10.16.1 as follows:

The AHJ may require the area of outside storage be enclosed by a security fence at least six feet in height.

(129) *Subsection 10.16.1.2*

Add new subsection 10.16.1.2 after subsection 10.16.1.1 as follows:

In limited instances, outside storage of flammable material which exceeds 2,500 cubic feet in volume may be permitted by the AHJ and shall meet the requirements in this Code for the storage of the specific material.

(130) *Section 10.16.2*

Delete this section.

(131) *Section 10.16.3*

Add the following at the end of this section:

The separation distance may be increased where the AHJ determines that a hazard to the adjoining property exists.

(132) *Section 10.19.1*

Delete this section and substitute the following:

Combustible materials shall be stored in the following manner:

- (1) Orderly;
- (2) 36 inches or more from heat producing equipment or in accordance with the manufacturer's recommendation;
- (3) Shall not be within 5 feet of an opening to the building;
- (4) When stored under a window, the window must contain approved fire glass;
- (5) Shall be stored in piles or stacks smaller than a cord of wood — 4 feet by 4 feet by 8 feet; and
- (6) Shall not obstruct the exit and/or the exit discharge.

(133) *Section 10.19.7*

After "repaired" insert "on a balcony, under any overhanging portion, or"

(134) *Subsection 11.1.1.1*

Add new subsection 11.1.1.1 after section 11.1.1 as follows:

An electrical appliance, fixture, or consumer product shall not be sold or used unless it is clearly labeled, marked, or stamped with the symbol of an electrical testing laboratory that is certified by the Maryland Office of the State Fire Marshal.

(135) *Subsection 11.1.1.2*

Add new subsection 11.1.1.2 after subsection 11.1.1.1 as follows:

A minimum clear space of 36 inches in width, 36 inches in depth, and 78 inches in height shall be maintained in front of all electrical service equipment. The clear space shall be maintained on all sides of the equipment if access to these areas is required. Where the electrical service equipment is wider than 36 inches, the working space shall not be less than the width of the equipment. Nothing shall be stored within designated working spaces except as follows:

- (1) Where other dimensions are required or permitted by NFPA 70.
- (2) Access openings in attics or under-floor areas which provide a minimum clear opening of 22 in by 30 in.

(136) *Section 11.1.5.6*

Delete this section and substitute the following:

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

(137) *Subsection 11.1.7.3.2*

Add new subsection 11.1.7.3.2 after subsection 11.1.7.3.1 as follows:

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 not less than 1 in. (25 mm) high and not less than ¼ in. (6.4 mm) in stroke width. The disconnecting means for each service, feeder, or branch circuit originating on a switchboard or panel board shall be legibly and durably marked to indicate its purpose unless such purpose is clearly evident.

(138) *Section 11.2.3*

Add new subsection 11.2.3 after subsection 11.2.2 as follows:

All push button type HVAC shutoffs shall be blue in color and shall include signage to indicate the type of shutoff.

(139) *Subsection 11.3.6.1*

Amend this section to add the following to the end: Keys for new elevators shall be cut to a uniform key code to comply with the Maryland State Elevator Code.

(140) *Subsection 11.3.6.3.1*

Amend this subsection to add "or as determined by the AHJ" to the end.

- (141) *Subsection 11.3.6.3.1.3*
Amend this subsection to add "or as determined by the AHJ" to the end.
- (142) *Subsection 11.3.6.3.1.5*
Amend this subsection to delete the second "shall" and substitute "may".
- (143) *Subsection 11.5.2.4*
Add new subsection 11.5.2.4 after subsection 11.5.2.3 as follows:
Kerosene heaters are prohibited in the following occupancies: educational, daycare, hotels and motels, places of assembly, health care, board and care, rooming and lodging, multi-family residential, and other occupancies or situations where the use or operation of kerosene heaters could create an emergency or imminent danger.
- (144) *Section 11.9.1*
Amend this section to delete "approved by the Fire Department" and substitute "approved by the AHJ".
- (145) *Section 11.10.11.1*
Amend this section to replace "shall be conducted as follows:" with "shall be conducted as follows unless otherwise directed by the AHJ:".
- (146) *Section 12.1*
Add the following to the end:
This Code requires that the building construction, fire protection, and life safety features be maintained by the owner to function as intended.
- (147) *Subsection 12.3.3.1.1*
Add new subsection 12.3.3.1.1 after subsection 12.3.3.1 as follows:
Missing ceiling tiles shall be replaced. Penetrations, gaps, holes, or any openings in ceiling, wall, or floor assemblies shall be sealed to eliminate the possible spread of smoke or fire.
- (148) *Subsection 12.6.9.1.1*
Amend this subsection to:
 - (1) Insert "Unless otherwise approved by the AHJ," at the beginning; and
 - (2) Add the following after with: "the guidelines of the office of the Maryland State Fire Marshal, and".

(149) *Subsection 12.6.9.1.2*

Add new subsection 12.6.9.1.2 after subsection 12.6.9.1.1 as follows:

The AHJ shall be permitted to: approve the placement of a natural cut or balled tree; limit the number of natural cut or balled trees displayed; and order the removal of any tree if the tree possesses a hazard to life or safety.

(150) *Subsection 12.6.9.5.3*

Add new subsection 12.6.9.5.3 after subsection 12.6.9.5.2 as follows:

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

(151) *Subsection 12.6.9.6.1*

Amend this section to delete "½ in. (13 mm)" and substitute "2 in. (50 mm)" and add the following sentence: "A natural cut tree shall not exceed 10 ft. (3 m) in height, excluding the tree stand."

(152) *Section 13.1.2*

Before "testing" insert "installation,".

(153) *Section 13.1.3.1*

Amend this section to delete "by Chapters 11 through 43" and substitute "by the AHJ and Chapters 11 through 43".

(154) *Section 13.1.3.2*

Amend this section to replace "by 9.3.5" with "by the AHJ or 9.3.5".

(155) *Section 13.1.5*

Delete this section and substitute the following:

Except for fire hydrants in a public right-of-way, a minimum clear space of 15 feet in diameter (7.5 feet on all sides) shall be maintained outside of a building or structure to permit access to and operation of fire protection equipment, fire department inlet connections, or fire protection system control valves. A minimum clear space of 3 feet shall be maintained on interior valves and equipment. An obstruction or condition that deters or hinders access by the AHJ is prohibited.

(156) *Subsection 13.1.6.1*

Add new subsection 13.1.6.1 after subsection 13.1.6 as follows:

Each licensed company working on fire safety equipment shall forward to the AHJ, on the prescribed form or system, a separate certificate of inspection, along with the appropriate fees, for each fire suppression system that the licensed company may inspect, test or maintain. This certificate of inspection shall be submitted within 48 hours when critical deficiencies or impairments are found, or within fourteen (14) calendar days for all other inspection classifications. The certificate shall verify that the AHJ standards and specifications regarding the inspection, testing or maintenance have been met and any deficiencies noted at the time of the annual inspection, testing or maintenance shall be noted, with any corrective action taken.

(157) *Section 13.1.14*

Add new section 13.1.14 after section 13.1.13 as follows:

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.

(158) *Section 13.1.15*

Add new subsection 13.1.15 after section 13.1.14 as follows:

Except for a person performing installation, maintenance, and repair, a person shall not tamper with or render inoperable any fire protection or life safety system.

(159) *Section 13.1.16*

Add new subsection 13.1.16 after section 13.1.15 as follows:

Unless otherwise approved by the AHJ, the following provisions shall apply to a fire department connection for fire protection systems:

- (1) A fire department connection for fire protection systems shall be:
 - (a) Located on the side of the structure displaying the address clearly visible to responding fire department units;
 - (b) Marked in the manner required by this Code; and
 - (c) Located within 100 feet of a fire hydrant.

- (2) The appropriate sign shall be mounted on the building's wall between 8 and 12 feet above the fire department connection. If obstacles or conditions exist that hinder the visibility of the sign, the AHJ may change the required mounting location.
- (3) A free-standing fire department connection shall have the sign mounted on a pole directly behind the connection approximately 6 feet high.
- (4) If required by the AHJ, signs shall have a white reflective background with a red reflective border, red reflective letters and a red reflective arrow. The border shall have a $\frac{3}{8}$ " stroke. The letters shall read "FDC" and be 6" high with a 1" stroke. The arrow shall have a stroke not less than 2". The overall sign measurements shall be 12" by 18".
- (5) Any obstruction or condition that deters or hinders access to a fire department connection is prohibited. A minimum clear space of 15 feet (7.5 feet on all sides) shall be maintained.

(160) *Section 13.1.17*

Add new Section 13.1.17 after section 13.1.16 as follows:

A violation of either section 13.1.2, 13.1.6.1, 13.1.8, 13.1.9, or 13.1.15 is a misdemeanor and, upon conviction, is subject to a fine not exceeding \$1,000.00 or imprisonment not exceeding 30 days or both. Alternatively, or in addition to and concurrent with all remedies provided by law or equity, the Fire Official may enforce this section with civil penalties pursuant to title 24 of the Howard County Code. A violation of either section is a Class A offense. Each day that a violation continues is a separate offense.

(161) *Subsection 13.2.2.1*

Delete this subsection and substitute the following:

Where required by this Code, the Building Code, or the referenced codes and standards listed in chapter 2, standpipe systems shall be installed in accordance with section 13.2.1.

(162) *Subsection 13.2.2.2*

Add the following at the end of this subsection:

- (6) In an automobile parking garage where the AHJ determines there is inadequate fire service access.

(163) *Subsection 13.2.3.1*

Add the following at the end of this subsection:

Standpipes do not have to be equipped with hose and nozzle for fire department use. However, if provided, the hose and nozzle shall be tested and maintained.

(164) *Subsection 13.3.1.1.1*

Add new subsection 13.3.1.1.1 after subsection 13.3.1.1 as follows:

The AHJ may require a life safety evaluation to be completed and performed by a qualified third party approved by the AHJ.

(165) *Subsection 13.3.1.2.1*

Add new subsection 13.3.1.2.1 after subsection 13.3.1.2 as follows:

For new ceiling installations, drop-out ceilings as referenced in NFPA 13, subsections 9.2.16 and 9.3.11, shall be prohibited.

(166) *Subsection 13.3.1.2.2*

Add new subsection 13.3.1.2.2 after subsection 13.3.1.2.1 as follows:

The AHJ may require doors to sprinkler control rooms be marked in an approved manner.

(167) *Subsection 13.3.2.2*

Delete this subsection and substitute the following:

In a new nonresidential building, a basement that is 2,500 square feet or more shall be protected throughout by an approved automatic sprinkler system. In an existing nonresidential building, a basement exceeding 2,500 square feet shall contain an automatic sprinkler system when a life safety evaluation is completed and the AHJ determines, based on the life safety evaluation that an imminent danger exists.

(168) *Section 13.3.2.6.1*

Amend this subsection to replace “The following occupancies” with “The following occupancies having an occupant load of 100 or more persons, or 5,000

or more square feet in area, or located on a floor other than the level of exit discharge”.

(169) *Subsection 13.3.2.6.2*

Delete "exceeds 300" and substitute "is 100 or more,".

(170) *Subsection 13.3.2.6.3*

Delete this subsection and substitute the following:

The requirements of 13.3.2.6.2 shall not apply to the following:

- (1) An assembly occupancy at the level of exit discharge that is less than 5,000 square feet in area and that has an occupant load of less than 100 persons;
- (2) A gymnasium, skating rink, or swimming pool that is less than 5,000 square feet in area and that is used exclusively for participant sports with audience facilities for less than 100 persons;
- (3) In an enclosed stadium or arena that is less than 5,000 square feet and that has an occupant load of less than 100 persons; or
- (4) In an unenclosed stadium or arena:
 - (a) In press boxes containing less than 1,000 square feet in area;
 - (b) In storage facilities containing less than 1,000 square feet in area if the area is enclosed with more than 1-hour fire resistance rated construction; or
 - (c) In enclosed areas underneath a grandstand if the area is enclosed with more than 1-hour fire resistance rated construction.

(171) *Subsections 13.3.2.6.5.2 and 13.3.2.6.5.3*

Delete these subsections.

(172) *Subsection 13.3.2.7.1*

Delete this subsection and substitute the following:

Where the occupant load is 100 or more, the AHJ may require the occupancy protected throughout by an approved supervised automatic sprinkler system in accordance with NFPA 13.

(173) *Subsection 13.3.2.7.2*

Delete "15,000" and substitute "5,000".

(174) *Subsection 13.3.2.7.5.4*

Add subsection 13.3.2.7.5.4 after section 13.3.2.7.5.3 as follows:

The AHJ may require sprinklers for existing stages and under existing stages when the AHJ determines, based on a life safety evaluation, that an imminent danger exists.

(175) *Subsection 13.3.2.8 through 13.3.2.17.7*

Delete these subsections and substitute the following:

Subsection 13.3.2.8. A new educational occupancy, health care facility, detention or correctional facility, hotel, dormitory, or apartment building shall meet the requirements of the Building Code. The AHJ may require installation of an approved automatic sprinkler system in an existing educational occupancy, health care occupancy, detention or correction facility, hotel, dormitory, or apartment building when:

- (1) A life safety evaluation is completed and the AHJ determines, based on the life safety evaluation, that an emergency, or imminent danger exists; or
- (2) Required by NFPA 101, Life Safety Code.

(176) *Subsection 13.3.2.18.1*

Delete this subsection and substitute the following:

Except as provided in subsection 13.3.2.18.2, a new lodging or rooming house serving six or more residents shall be protected throughout by an approved automatic sprinkler system. An automatic sprinkler system may be required in an existing lodging or rooming house serving 6 or more residents when:

- (1) A life safety evaluation is completed and the AHJ determines, based on the life safety evaluation, that an emergency, or imminent danger exists; or
- (2) Required by NFPA 101, Life Safety Code.

(177) *Subsection 13.3.2.18.2*

Delete this subsection and substitute the following:

In a building containing less than 5,000 square feet in gross floor area and designed for fewer than 6 residents, an automatic sprinkler system is not required where every sleeping room has a door opening directly:

- (1) To the outside of the building at street or ground level; or

(2) To the outside leading to an exterior stairway.

(178) *Subsection 13.3.2.19.1*

Amend this section to add "the Howard County Building Code, and" after "in accordance with".

(179) *Subsection 13.3.2.20.1.1*

Delete this subsection and substitute the following:

A building with an occupant load of 6 or more residents shall be protected throughout by an approved automatic sprinkler system.

(180) *Subsection 13.3.2.20.2.2*

Delete this subsection and substitute the following:

In a conversion, an automatic sprinkler system shall not be required in a board and care home that serves 5 or fewer residents when all occupants have the ability to move as a group to a point of safety within 3 minutes.

(181) *Subsection 13.3.2.21.1.1*

Add the following at the end.

An automatic sprinkler system may be required in an existing facility when a life safety evaluation is completed and the AHJ determines, based on the life safety evaluation, that an imminent danger exists.

(182) *Subsection 13.3.2.22.1(2)*

Delete this subsection and substitute the following:

Throughout a new mercantile occupancy exceeding 5,000 square feet in gross area.

(183) *Subsection 13.3.2.23.1(5)*

Add new paragraph (5) at the end as follows:

(5) The gross floor area is more than 5,000 square feet and has an occupant load of 50 or more persons.

(184) *Subsection 13.3.2.23.1(6)*

Add new paragraph (6) as follows:

(6) An automatic sprinkler system may be required in an existing mercantile occupancy when a life safety evaluation is completed and the AHJ

determines, based on the life safety evaluation that an imminent danger exists.

(185) *Subsection 13.3.2.24.1*

Add new subsection 13.3.2.24.1 after subsection 13.3.2.24 as follows:

An automatic sprinkler system may be required in an existing underground or windowless structure when a life safety evaluation is completed and the AHJ determines, based on the life safety evaluation, that an imminent danger exists.

(186) *Subsection 13.3.2.26*

Delete the title and substitute "New and Existing Storage Occupancies".

(187) *Subsection 13.3.2.26.2*

Delete this subsection and substitute the following:

General storage. An automatic sprinkler system shall be installed throughout all new storage occupancies with a gross floor area greater than 5,000 square feet.

(188) *Subsection 13.3.2.26.2.1*

Add new subsection 13.3.2.26.2.1 after subsection 13.3.2.26.2 as follows:

An automatic sprinkler system may be required in an existing storage occupancy when a life safety evaluation is completed and the AHJ determines, based on the life safety evaluation, that an imminent danger exists.

(189) *Subsection 13.3.2.26.4*

Delete "20,000" and substitute "2,500".

(190) *Subsection 13.3.2.26.5*

Delete this subsection and substitute the following:

An automatic sprinkler system shall be installed throughout all mini-storage building fire areas greater than 2500 square feet 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.

(191) *Subsection 13.3.2.28.1*

Add new subsection 13.3.2.28.1. After subsection 13.3.2.28 as follows:

New and existing day care homes with 12 or fewer clients are not required to be protected by an automatic sprinkler system unless specifically mandated by the AHJ.

(192) *Subsection 13.3.2.28.2*

Add new subsection 13.3.2.28.2 after subsection 13.3.2.28.1 as follows:

A new day care occupancy with more than 12 clients shall be protected throughout by an approved automatic sprinkler system, regardless of whether there are protected openings. An existing daycare with 12 or fewer clients wanting to increase to more than 12 clients shall meet the provisions of a new day care occupancy.

(193) *Subsection 13.3.2.28.3*

Add new subsection 13.3.2.28.3 after subsection 13.3.2.28.2 as follows:

An automatic sprinkler system may be required in any existing day care occupancy serving more than 12 clients when a life safety evaluation is completed and the AHJ determines, based on the life safety evaluation, that an imminent danger exists.

(194) *Subsections 13.3.3.1 and 13.3.3.2*

Amend this section to delete "installed in accordance with this Code"

(195) *Subsection 13.3.3.3.1*

Add new subsection 13.3.3.3.1 after subsection 13.3.3.3 as follows:

For new ceiling installations, drop-out ceilings as referenced in NFPA 13, subsections 9.2.16 and 9.3.11 are prohibited.

(196) *Subsection 13.4.1.1.1*

Add new subsection 13.4.1.1.1 after subsection 13.4.1.1 as follows:

No fire pump component, including the pump, driver, or controller, shall be permitted to be installed in below-ground vaults or pits unless otherwise approved by the AHJ.

(197) *Subsection 13.6.1.1*

Delete this subsection and substitute the following:

Unless the AHJ approves an alternative feature or requirement that provides the same level of protection or fire safety as this Code, the installation, maintenance, selection, and distribution of a portable fire extinguisher shall be in accordance with NFPA 10, standard for portable fire extinguishers, section 13.6 and the Public Safety Article of the Annotated Code of Maryland.

(198) *Subsection 13.6.1.2*

Add the following to the end: "unless otherwise permitted by the AHJ".

(199) *Subsection 13.6.4.1.2.1*

Amend this subsection to delete "certified" and substitute "licensed as required by the AHJ".

(200) *Subsections 13.6.4.1.2.1.1 through 13.6.4.1.2.1.6*

Delete these subsections in their entirety.

(201) *Subsection 13.6.4.1.2.3*

Amend this subsection to delete "certified" and substitute "licensed".

(202) *Subsection 13.7.1.7.6*

Amend this subsection to add the following:

This paragraph does not permit the omission of manual fire alarm boxes in accordance with other provisions of this subsection unless specifically permitted by Chapters 11 through 43.

(203) *Subsection 13.7.1.7.7.1*

Add new subsection 13.7.1.7.7.1 after subsection 13.7.1.7.7 as follows:

The AHJ shall have the authority to approve any device installed to prevent false alarms that is added to a manual fire alarm box or pull station.

(204) *Subsection 13.7.1.8.11*

Add new subsection 13.7.1.8.11 after subsection 13.7.1.8.10 as follows:

A single station or multiple station smoke alarm shall meet the requirements set forth in the Public Safety Article of the Annotated Code of Maryland and the Building Code.

(205) *Subsection 13.7.1.8.12*

Add new subsection 13.7.1.8.12 after subsection 13.7.1.8.11 as follows:

Electrical installation: smoke alarms shall be installed and maintained in accordance with the Electrical Code and the most recently adopted edition of NFPA Standard 72.

(206) *Subsection 13.7.1.8.13*

Add new subsection 13.7.1.8.13 after subsection 13.7.1.8.12 as follows:

The owner or owner's agent shall install all smoke alarms and shall annually inspect and maintain all smoke alarms in accordance with the manufacturer's warranty and suggested maintenance. The owner or owner's agent shall maintain a record of the maintenance schedule. Upon notification by a tenant that a smoke alarm is missing or inoperative, the owner or owner's agent shall repair or replace the smoke alarm. Notification shall be given by certified mail and first-class mail. If the tenant personally notifies the owner or the owner's agent of a mechanical failure of a smoke alarm, the owner or owner's agent shall provide a written, dated receipt acknowledging the notification.

(207) *Subsection 13.7.1.8.14*

Add new subsection 13.7.1.8.14 after subsection 13.7.1.8.13 as follows:

Where a smoke alarm is required, a person shall not remove or render any smoke alarm inoperative.

(208) *Subsection 13.7.1.8.15*

Add new subsection 13.7.1.8.15 after subsection 13.7.1.8.14 as follows:

Except for smoke alarms in a hotel or motel, an owner or owner's agent may require a tenant to pay a refundable deposit for smoke alarms, not to exceed the value of the smoke alarm.

(209) *Subsection 13.7.1.8.16*

Add new subsection 13.7.1.8.16 after subsection 13.7.1.8.15 as follows:

A dwelling unit occupied by a person who is deaf or hearing impaired shall be equipped with a smoke alarm that, when activated, shall provide a signal that is approved by a nationally recognized testing laboratory for electrical appliances and is sufficient to warn a deaf or hearing-impaired person. An owner or their

agent shall provide this type of smoke alarm upon the written request of the deaf or hearing-impaired tenant.

(210) *Subsection 13.7.1.8.17*

Add new subsection 13.7.1.8.17 after subsection 13.7.1.8.16 as follows:

Any battery-operated smoke alarm that is replaced is required to be a long-life type alarm with a sealed battery, or as otherwise approved by the AHJ.

(211) *Subsection 13.7.1.10.6*

Add new subsection 13.7.1.10.6 after subsection 13.7.1.10.5 as follows:

Where the fire alarm system does not provide for emergency forces notification in accordance with subsection 13.7.1.10 approved signs to provide instruction for emergency forces notification shall be provided and permanently affixed and maintained at each manual fire alarm box.

(212) *Subsection 13.7.2.5.6.4*

Amend this subsection to add the following:

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.

(213) *Subsection 13.7.2.6.6.5*

Amend this subsection to delete "existing" and replace "battery" with "smoke alarm".

(214) *Subsection 13.7.2.13.1.3*

At the end of the subsection add the following:

Standards governing smoke alarms shall be in accordance with Title 9, Subtitle 1 of the Public Safety Article of the Annotated Code of Maryland.

(215) *Subsection 13.7.2.14.5.3*

Delete this subsection and substitute the following:

In lodging and rooming houses built prior to July 1, 1990, smoke alarms shall be hard wired to the building's power supply. In lodging and rooming houses built after July 1, 1990, smoke alarms shall have an integral battery backup power supply or an approved emergency power supply.

(216) *Subsection 13.7.2.14.5.4*

Add new subsection 13.7.2.14.5.4 after subsection 13.7.2.14.5.3 as follows:

Except in a building protected by an automatic sprinkler system, smoke alarms are required in an interior corridor serving rooms of lodging and rooming houses. These alarms shall be connected to the building fire alarm.

(217) *Subsection 13.7.2.16.1*

Add the following at the end of this subsection:

Single station smoke alarms shall be hard-wired directly to the building's power supply. Individual guestroom alarms shall not be connected to the building alarm system.

(218) *Subsection 13.7.2.16.5.2*

Amend this section as follows:

- (1) After "permitted" insert "in hotels and dormitories built prior to July 1, 1990"; and
- (2) At the end of this subsection add "In a hotel, motel, or dormitory built after July 1, 1990, smoke alarms shall have an integral battery backup power supply or an approved emergency power supply."

(219) *Subsection 13.7.2.16.5.3*

Add new subsection 13.7.2.16.5.3 after subsection 13.7.2.16.5.2 as follows:

Except in a building protected by an automatic sprinkler system, smoke alarms are required in an interior corridor serving a guestroom of a hotel, motel, or dormitory. These alarms shall be connected to the building alarm system.

(220) *Subsection 13.7.2.16.5.4*

Add new subsection 13.7.2.16.5.4 after subsection 13.7.2.16.5.3 as follows:

Single station smoke alarms shall be installed in each sleeping area of a hotel, motel, or dormitory. Single-station smoke detectors shall be hard-wired directly to the building's power supply. Smoke alarms shall be installed in every room through which a person must pass to get from the sleeping area to the door leading from the guestroom or suite. Individual guestroom alarms shall not be connected to the building's alarm system.

(221) *Subsection 13.7.2.16.5.5*

Add new subsection 13.7.2.16.5.5 after subsection 13.7.2.16.5.4 as follows:

A hotel or motel shall have available at least one smoke alarm for the deaf or hearing-impaired for each 50 units (or portion thereof). The owner or owner's agent of the hotel or motel may require a refundable deposit, not to exceed the cost of the smoke alarm, for the use of a deaf or hearing-impaired smoke alarm.

The owner or owner's agent of a hotel or motel shall post, in a conspicuous place at the registration desk or counter, a permanent sign stating the availability of smoke alarms for the hearing impaired.

(222) *Subsection 13.7.2.18.1.3*

Add new subsection 13.7.2.18.1.3 after subsection 13.7.2.18.1.2 as follows:

A dwelling unit in a multifamily residential building shall meet the following requirements:

- (1) A unit built before January 1, 1989, shall have smoke alarms hard-wired to the building's power supply.
- (2) A unit built between January 1, 1989 and July 1, 1990, shall meet the requirements of paragraph 1, and, except in an attic, smoke alarms shall be installed on each level of a multilevel individual dwelling unit, including in a basement. All smoke alarms shall be interconnected so that all will sound if one smoke alarm is activated.
- (3) A unit built after July 1, 1990, shall meet the requirements of paragraph 1 and 2 and smoke alarms shall have an integral battery backup power supply.
- (4) A unit built after October 10, 2001, shall meet the requirements of paragraph 1, 2, and 3 and smoke alarms shall be placed in each sleeping area.

(223) *Subsection 13.7.2.22.8.1*

Amend this subsection to delete "13.7.2.22.8.2 and".

(224) *Subsection 13.7.2.22.8.2*

Delete this subsection.

- (225) *Subsection 13.7.2.28.1.2 and 13.7.2.28.1.3*
Amend these subsections to delete "Storage occupancies" and substitute "Storage occupancies less than three stories".
- (226) *Subsection 14.5.3.1.1(3)(e)*
Add new subsection 14.5.3.1.1(3)(e) after subsection 14.5.3.1.1(3)(d) as follows:
The request to increase the delay from 15 seconds to 30 seconds must be submitted to the AHJ in writing.
- (227) *Subsection 14.5.3.4.1(11)*
Add the following at the end:
The central control point shall be approved by the AHJ.
- (228) *Subsection 14.5.3.5.6*
Add new subsection 14.5.3.5.6 after subsection 14.5.3.5.5 as follows:
In lockups, as referenced in section 22.4.6 of NFPA 101 Life Safety Code, the release time for doors or other physical restraints shall not exceed 30 seconds.
- (229) *Subsection 14.13.1.2*
Amend this section to delete "only" in the first sentence and substitute ", but not be limited to,".
- (230) *Subsection 16.1.6*
Add new subsection 16.1.6 after section 16.1.5 as follows:
Temporary signage clearly indicating the address of the structure shall be conspicuously posted at every entrance, as well as outside any supervisory locations or field offices on the construction site. These signs must be maintained through the duration of the construction.
- (231) *Subsection 16.2.1.15*
Add new subsection 16.2.1.15 after subsection 16.2.1.14 as follows:
Whenever liquified petroleum gas (LP-gas) is used for temporary heating, the AHJ may require a temporary heating plan to be provided for approval. This plan shall address how each provision of 16.2.1 is being accomplished, as well as to provide a graphical depiction of tank location and protection measures.

(232) *Subsection 16.2.3.2*

Delete this subsection and substitute the following:

Trash, debris, rubbish, and building materials shall not be burned on the premises.

(233) *Subsection 16.4.1.2(4)*

Amend this subsection to add “, and approved by the AHJ” after “applicable”.

(234) *Subsection 16.4.2*

Amend this section to delete "Fire Protection" and substitute “a Fire Safety Program”.

(235) *Subsection 16.4.4.2.1*

Delete this subsection and substitute the following:

The AHJ shall have the authority to require an access box or boxes or other access system to be installed in an accessible location where access to or within a structure or area is deemed difficult by the AHJ. The type of access box or system shall be specified by the AHJ.

(236) *Subsection 16.4.4.2.3*

Add subsection 16.4.4.2.3 after subsection 16.4.4.2.2 as follows:

The access system shall be an approved type and shall be installed and utilized as directed by the AHJ.

(237) *Subsection 16.4.4.3.1*

Amend this subsection to add:

The AHJ may require any planned stairwell to be functional during construction at the level necessary for access or egress from the highest level where work is being performed.

(238) *Subsection 16.4.4.3.1.1*

Add new subsection 16.4.4.3.1.1 after subsection 16.4.4.3.1 as follows:

Where the AHJ determines that more than one planned stairwell is not required, an approved temporary secondary means of access or egress shall be maintained in conformity with the progress of building construction in such manner that it is always ready for use.

(239) *Subsection 18.2.2.1*

Delete this subsection and substitute the following:

The AHJ shall have the authority to require an access box or boxes or other access system to be installed in an accessible location where access to or within a structure or area is deemed difficult by the AHJ. The type of access box or system shall be specified by the AHJ.

(240) *Subsection 18.2.3.2.1*

Amend this subsection to delete "exterior door" and substitute "exterior door acceptable to the AHJ".

(241) *Subsection 18.2.3.2.1.1*

Delete this subsection.

(242) *Subsection 18.2.3.2.2.1*

Delete this subsection.

(243) *Subsection 18.2.3.3.1*

Add new subsection 18.2.3.3.1 after subsection 18.2.3.3 as follows:

Multiple fire apparatus access roads may be required when a development contains 100 or more residential units.

(244) *Subsection 18.2.3.4*

Amend this subsection to delete "shall" and substitute "may be required by the AHJ to".

(245) *Subsection 18.2.3.5.1.1*

Delete this subsection and substitute the following:

Except for use-in-common driveways, fire apparatus access roads shall have an unobstructed width of not less than 20 feet, unless approved in writing by the AHJ. Use-in-common driveways shall comply with the Howard County design manual.

(246) *Subsection 18.2.3.5.1.3*

Add new subsection 18.2.3.5.1.3 after subsection 18.2.3.5.1.2 as follows:

Fire apparatus access roads leading to all ground-based solar facilities shall have an improved surface approved by the AHJ, and an unobstructed width of 16 feet.

When conditions allow, the AHJ may approve a reduced width of no less than 12 feet where additional pull-offs and an adequate turnaround are provided.

(247) *Subsection 18.2.3.5.2*

Add the following to the end of the subsection:

The access road surface must be approved by the AHJ.

(248) *Subsection 18.2.3.5.2.1*

Add new subsection 18.2.3.5.2.1 after subsection 18.2.3.5.2 as follows:

When the surface will be designed of a permeable substance including but not limited to grass pavers and grass honeycomb systems, written certification must be provided by a qualified professional engineer to the AHJ demonstrating the product was installed according to manufacturer specifications prior to acceptance and/or building occupancy.

(249) *Subsection 18.2.3.5.2.2*

Add new subsection 18.2.3.5.2.2 after subsection 18.2.3.5.2.1 as follows:

Unpaved surfaces shall be limited to a maximum 5% longitudinal slope and 2% cross slope but shall not be steeper than that specified by the manufacturer. Clear edge delineation in a manner approved by the AHJ is required.

(250) *Subsection 18.2.3.5.4.1*

Add new subsection 18.2.3.5.4.1 after subsection 18.2.3.5.4 as follows:

The AHJ may approve in writing an exception to the requirements of Subsection 18.2.3.5.4 for a dead-end fire apparatus access road serving a single residential structure.

(251) *Subsection 18.2.3.5.6.1*

Delete this subsection and substitute the following:

Grade. The maximum allowable grade is 15% with the durable and sustained grade of 8%. The transition from the road to the driveway shall not exceed 8%.

(252) *Subsection 18.2.3.6.3*

Add new subsection 18.2.3.6.3 after subsection 18.2.3.6.2 as follows:

The AHJ may:

- (1) Designate part of any public or private roadway, driveway, or curb as a fire lane; and

(2) Designate how the fire lane shall be marked or established.

(253) *Subsection 18.2.3.6.4*

Add new subsection 18.2.3.6.4 after subsection 18.2.3.6.3 as follows:

In determining where and how a fire lane shall be established, the AHJ shall consider the following:

- (1) The width of the roadway or driveway;
- (2) The ability of any necessary emergency equipment to have ingress and/or egress to the occupancy or property;
- (3) The size and turn radius of any necessary emergency vehicle or equipment;
- (4) Access to fire hydrants, fire connections, and fire exits;
- (5) Location of buildings or structures; and
- (6) The potential or likelihood that a person would park a vehicle in the area.

(254) *Subsection 18.2.3.6.5*

Add new subsection 18.2.3.6.5 after subsection 18.2.3.6.4 as follows:

Regarding fire lane designation:

- (1) The AHJ may conduct a site visit of the property to determine whether and/or how a fire lane should be designated; and
- (2) The AHJ may require a fire lane to be designated by the placement of fire lane signs, a red painted curb, a red hatched pattern, or any combination thereof.
- (3) No curbs shall be painted red or otherwise resemble a fire lane in any way unless they have been designated as such by the AHJ.

(255) *Subsection 18.2.3.6.6*

Add new subsection 18.2.3.6.6 after subsection 18.2.3.6.5 as follows:

For any fire lane that the AHJ determines shall be marked with fire lane signs:

- (1) All signs shall comply with the most recently adopted State Highway Administration Standard Sign Book;
- (2) Signs shall be placed at the termination points of the fire lane;
- (3) Signs shall be placed at least every 200 feet; and

- (4) Signs shall be placed in such a way and in a location so that the signs shall not interfere with pedestrian or traffic movement.

(256) *Subsection 18.2.3.6.7*

Add new subsection 18.2.3.6.7 after subsection 18.2.3.6.6 as follows:

For any fire lane that the AHJ determines shall be marked by a painted curb:

- (1) All curbs shall be painted with red traffic paint;
- (2) The red painted marking shall be at least 6 inches WIDE; and
- (3) Letters stating "NO PARKING FIRE LANE" shall be stenciled onto the red painted marking at each end and every 20 feet of the painted area. The letters shall be stenciled using white paint and shall be three inches high and located on the top surface of the curb as designated by the AHJ.

(257) *Subsection 18.2.3.6.8*

Add new subsection 18.2.3.6.8 after subsection 18.2.3.6.7 as follows:

For any fire lane that the AHJ determines shall be marked by a red painted cross-hatching pattern:

- (1) The area shall be marked by red paint applied in a hatch pattern composed of parallel diagonal stripes running at a 30 to 60-degree angle across the width of the fire lane;
- (2) The striping used to create the cross-hatch pattern shall be at least 6 inches wide and the stripes placed at a maximum of 72 inches apart; and
- (3) Letters stating "NO PARKING FIRE LANE" shall be stenciled using white paint within the cross-hatch pattern; and
- (4) The size of the letters may vary depending on the size of the fire lane marking.

(258) *Subsection 18.2.3.6.9*

Add new subsection 18.2.3.6.9 after subsection 18.2.3.6.8 as follows:

The AHJ shall notify a property owner that a particular area is to be designated as a fire lane. The property owner shall, within 30 days of receipt of notification from the AHJ, install fire lane markings or signs in the location and by the method directed by the AHJ.

(259) *Subsection 18.2.3.6.10*

Add new subsection 18.2.3.6.10 after subsection 18.2.3.6.9 as follows:

A property owner who fails to install or maintain fire lanes, fire lane markings or signs, or both markings and signs, in accordance with this section is guilty of a misdemeanor, and upon conviction is subject to a fine of up to \$1,000.00.

Alternatively, and in addition to and concurrent with all remedies provided at law or equity, a Fire Official may enforce the provisions of this section with civil penalties pursuant to title 24, "civil penalties," of the Howard County Code. Each day that a violation continues is a separate offense.

(260) *Subsection 18.2.4.1.4*

Delete this subsection and substitute the following:

Entrances to fire apparatus access roads, whether or not closed with gates and barriers in accordance with 18.2.4.2.1, shall not be obstructed by parked vehicles, objects, piled snow, or any other obstruction hindering access to the road. Signs delineating fire apparatus access roads approved in writing by the AHJ must be placed at both ends or all entrances to the access road.

(261) *Subsection 18.2.4.1.4.1*

Add new subsection 18.2.4.1.4.1 after subsection 18.2.4.1.4 as follows:

Gates, bollards, barriers, or any other similar device installed as a closure to a fire apparatus access road must be approved by the AHJ.

(262) *Subsection 18.2.4.2.2*

Amend this section to add the following to the end:

Access through an electric gate shall be provided in a manner approved by the AHJ.

(263) *Subsection 18.3.1.2*

Add new subsection 18.3.1.2 after subsection 18.3.1.1 as follows:

Any proposed subdivision outside of the Public Service Area (PSA), of 10 or more dwellings may be required to provide a 0.141-acre parcel, with dimensions of 100 feet in length by 50 feet in width, on public or emergency access road frontage approved by the AHJ; for the purpose of installing a rural water supply

cistern. The entire frontage of the concrete pad for the rural water supply cistern shall be designated as a fire lane.

(264) *Subsection 18.5.1.1.1*

Add new subsection 18.5.1.1.1 after subsection 18.5.1.1 as follows:

All new fire hydrants shall be public unless the AHJ approves the use of private fire hydrants.

(265) *Subsection 18.5.2(2)*

Delete "800 feet" and substitute "500 feet".

(266) *Subsection 18.5.3(2)*

Delete "500 feet" and substitute "350 feet".

(267) *Subsection 18.5.5.1.1*

Add new subsection 18.5.5.1.1 after subsection 18.5.5.1 as follows:

Any replacement private fire hydrants must meet Howard County standards as contained in the Howard County Design Manual.

(268) *Subsection 18.5.7.1*

Delete "36 in" and substitute "60 in".

(269) *Subsection 18.5.10.3.1*

Add new subsection 18.5.10.3.1 after subsection 18.5.10.3 as follows:

Private fire hydrants shall be painted yellow, reclaimed water hydrants shall be painted purple, high pressure hydrants shall be painted silver, and gray water hydrants shall be painted green.

(270) *Subsection 19.2.1.4*

Amend this section to (1) delete "with an individual capacity of 1.5 yard³ or more" and (2) delete "10 feet" and substitute "15 feet".

(271) *Subsection 20.1.4.7*

Add new subsection 20.1.4.7 after subsection 20.1.4.6 as follows:

A temporary special amusement occupancy or attraction that is occupied for less than 60 days, including, but not limited to, a haunted house, maze, or special amusement, shall meet the standards set forth by the AHJ and this Code.

(272) *Subsection 20.1.5.2.4(3)*

Delete this subsection and substitute the following:

Candles shall comply with Section 10.10.1.1 of this Code.

(273) *Subsection 20.1.5.2.4(6)*

Insert new subsection 20.1.5.2.4(6) after subsection 20.1.5.2.4(5) as follows:

- (a) All devices in connection with the preparation of food shall be installed and operated to avoid hazard to the safety of occupants. These devices shall be of an approved type and shall be installed in an approved manner.
- (b) It is recommended that only electric devices be utilized.
- (c) Chafing dishes using an open flame must be designed for food warming operations only. Only devices (such as sterno cans) designed for use with chafing dishes shall be used. Chafing dish containers for the devices must be in place. A snuffing device designed for use with the chafing dish container shall be kept in close proximity to the serving area.
- (d) Extra fuel containers shall be kept at a location remote from the serving area.
- (e) Combustible materials or decorations shall not be used near the serving dishes.
- (f) A responsible person shall be identified to ensure the devices are completely extinguished at the end of the event prior to disposal. Devices shall not be disposed of until cool to touch.
- (g) A "flaming sword" or other equipment involving open flames and flamed dishes shall comply with this section.

(274) *Subsection 20.1.5.3(7)*

Insert new subsection 20.1.5.3(7) after subsection 20.1.5.3(6) as follows:

- (7) Open flame devices used for cooking and pyrotechnic displays shall be approved by the AHJ. A permit for pyrotechnic displays shall be obtained from the Office of the State Fire Marshal.

(275) *Subsection 20.1.5.5.4.12*

Amend this subsection to delete "20.1.5.5.4.12.5" and substitute

"20.1.5.5.4.12.10".

(276) *Subsection 20.1.5.5.4.12.6*

Add new subsection 20.1.5.5.4.12.6 after subsection 20.1.5.5.4.12.5 as follows:

The person who caused the vehicle to be displayed shall provide a name and a 24-hour telephone number for a responsible person for the vehicle. This information shall be kept with the vehicle, the security office and the management office.

(277) *Subsection 20.1.5.5.4.12.7*

Add new subsection 20.1.5.5.4.12.7 after subsection 20.1.5.5.4.12.6 as follows:

An ignition key and door key shall be made available and may be kept with the security office or the management office.

(278) *Subsection 20.1.5.5.4.12.8*

Add new subsection 20.1.5.5.4.12.8 after subsection 20.1.5.5.4.12.7 as follows:

At no time shall the placement of the vehicle impede or otherwise block any exit or exit access.

(279) *Subsection 20.1.5.5.4.12.9*

Add new subsection 20.1.5.5.4.12.9 after subsection 20.1.5.5.4.12.8 as follows:

Electric and hybrid vehicles follow the same requirements as this section.

(280) *Subsection 20.1.5.5.4.12.10*

Add new subsection 20.1.5.5.4.12.10 after subsection 20.1.5.5.4.12.9 as follows:

LNG and LPG vehicles using compressed flammable gases are not allowed. The Office of the Fire Marshal may permit limited use of flammable gases under AHJ approval.

(281) *Subsection 20.1.5.6.2*

Delete this subsection and substitute the following:

The crowd manager shall receive training, approved by the AHJ, in crowd management techniques.

(282) *Subsection 20.1.5.8.3*

Delete this section and substitute the following:

When the code official finds an overcrowded condition, obstruction in or to the means of egress, a locked exit door, or any other hazard to life safety, the event shall be stopped until the situation is corrected. The crowd manager, supervisor, and owner shall ensure that the number of patrons in the occupancy (building,

structure, site, or area) does not exceed the posted occupant load. The responsible person in charge of the assembly occupancy shall:

- (1) Immediately prior to the beginning of the event point out the number and location of exits;
- (2) State or display the following: "Notice. For your safety, look for your nearest exit. In case of an emergency—Walk, do not run, to that exit" which shall be stated or displayed in one of the following methods:
 - (a) An oral announcement at the beginning of the event;
 - (b) Showing the notice on the motion picture screen;
 - (c) Printing the notice in bold letters not less than ¼ inch in height on the back of the event program (nothing but the notice shall be placed on the back of the program); or
 - (d) Having a fixed sign or signs displaying the notice that can be easily read from each point in the assembly room;
- (3) Make an inspection before the event to verify that the doors are unlocked and that the means of egress are free of obstructions;
- (4) Correct any deficiencies found prior to the start of the event; and
- (5) Prevent overcrowding by blocking admittance of any person beyond the posted occupant load.

(283) *Subsection 20.1.5.9.1*

Delete this section and substitute:

Smoking shall meet the requirements in title 12, subtitle 6 of the Howard County Code.

(284) *Subsection 20.1.5.9.2*

Delete this subsection and substitute:

In rooms or areas where smoking is prohibited, signage shall meet the requirements in title 12, subtitle 6 of the Howard County Code.

(285) *Subsection 20.1.5.10.1.1*

Delete this subsection and substitute the following:

Seats in assembly occupancies with 200 or more chairs shall be securely fastened to the floor, except where fastened together in groups of not less than three, and as permitted by 20.1.5.10.1.2 and 20.1.5.10.2.

(286) *Subsection 20.1.5.10.4.1*

Delete this subsection and substitute the following:

Where required by the AHJ, A room or space shall be posted with an approved legible sign in contrasting colors and conspicuously located near the main exit from the room or space stating the maximum number of occupants permitted within the space. The posting location shall be determined by the AHJ. The maximum number of occupants shall be determined in accordance with the most recently adopted edition of the NFPA Life Safety Code. A room or space which has a multiple-use capacity, shall be posted for all uses. The owner or manager of the occupancy shall install and maintain the signs. Signs shall be supplied by the AHJ.

(287) *Subsection 20.1.5.10.4.2*

Delete this subsection.

(288) *Subsection 20.1.5.10.4.3*

Delete this subsection.

(289) *Subsection 20.2.4.2.3*

Delete this subsection and substitute the following:

Fire emergency egress drills shall be conducted as follows:

- (1) Not less than one fire emergency egress drill shall be conducted every month the facility is in session, unless the following criteria are met:
 - a. In climates where the weather is severe, the monthly fire emergency egress drills shall be permitted to be deferred; and
 - b. In educational occupancies which are:
 - i. Fully protected by an automatic sprinkler system, the total number of annual fire emergency egress drills shall be five,

with at least two of the required drills conducted in the first four months of the school year; or

- ii. Not fully protected by an automatic sprinkler system, the total number of annual fire emergency egress drills shall be eight, with at least three of the required drills conducted in the first four months of the school year.

- (2) All occupants of the building shall participate in the fire emergency egress drill.
- (3) One fire emergency egress drill, other than for educational occupancies that are open on a year-round basis, shall be required within the first 30 days of operation.

(290) *Subsection 20.2.4.2.3.1*

Add subsection 20.2.4.2.3.1 after subsection 20.2.4.2.3 as follows:

The AHJ shall have the authority to require additional egress drills throughout the year.

(291) *Subsection 20.3.4.1.1*

Delete this subsection and substitute the following:

A family day-care home shall meet the following requirements:

- (1) The family day-care home shall not serve more than 8 clients;
- (2) A child shall be counted as a client served if the child:
 - (a) Is under the age of 2 years; and
 - (b) Is the child of the day-care home owner or operator, or of an employee of the family day-care home;
- (3) There shall not be more than 4 children under the age of 2 years; and
- (4) For children under the age of 2 years, an adult to child ratio of at least 1 adult to every 2 children shall be maintained at all times.

(292) *Subsection 20.3.4.1.1.1*

Add new subsection 20.3.4.1.1.1 after subsection 20.3.4.1.1 as follows:

A group day-care home shall meet the following requirements:

- (1) The home shall not serve more than 12 clients;
- (2) A child shall be counted as a client served if the child:

- (a) Is under the age of 2 years; and
- (b) Is the child of the day-care home owner or operator, or of an employee of the group day-care home;
- (3) There shall not be more than 4 children under the age of 2 years;
- (4) The minimum staff to client ratio shall not be less than 2 staff for up to 12 clients or 1 adult for every 6 children; and
- (5) For children under the age of 2 years, an adult to child ratio of at least 1 adult to every 2 children shall be maintained at all times.

(293) *Subsection 20.3.4.1.2*

Delete this subsection.

(294) *Subsection 20.3.4.1.7*

Add new subsection 20.3.4.1.7 after subsection 20.3.4.1.6 as follows:

A day-care center is governed by the requirements for an educational occupancy if the day-care center provides day care for school-age children before and after school hours and provides care in a building which is in use as a public or private school.

(295) *Subsection 20.3.4.2.3.4.1*

Add new subsection 20.3.4.2.3.4.1 after subsection 20.3.4.2.3.4 as follows:

A bulkhead door shall not be a primary means of emergency egress.

(296) *Subsection 20.3.4.2.3.4.2*

Add new subsection 20.3.4.2.3.4.2 after subsection 20.3.4.2.3.4.1 as follows: a sliding door used as a required means of egress shall meet the following requirements:

- (1) The sliding door shall have only one, easily operated locking device that does not require special knowledge, effort, or tools to operate;
- (2) There shall not be draperies, screens, or storm doors that could impede egress;
- (3) The sill or track height may not exceed ½ inch above the interior finish floor;
- (4) The surface onto which an exit is made shall be an all-weather surface, such as a deck, patio, or sidewalk;

- (5) The floor level outside the door may be one step lower than the inside, provided that this step meets the requirements in the Building Code;
- (6) The sliding door shall open to a clear open width of at least 28 inches;
- (7) Each day before day-care use, the sliding door shall be unlocked and tested to the full required width; and
- (8) During periods of snow or freezing rain, the door track shall be kept clear of snow or freezing rain and the door opened periodically throughout the day in order to ensure proper operation.

(297) *Subsection 20.3.4.2.3.4.3*

Add new subsection 20.3.4.2.3.4.3 after subsection 20.3.4.2.3.4.2 as follows:

If a deadbolt lock is provided with an approved interior latch, the deadbolt lock shall be of a captured key design from which the key cannot be removed from the interior side of the lock when in the locked position. The lock shall be unlocked at all times when the home is occupied for the family day-care use. A double keyed, deadbolt lock may be used on the secondary means of egress if the key is readily accessible when the day-care is in operation.

(298) *Subsection 20.3.4.2.3.6*

Amend this subsection to add “except in day care homes with three or fewer clients for overnight lodging” after “present”.

(299) *Subsection 25.1.3.6*

Add new subsection 25.1.3.6 after subsection 25.1.3.5 as follows:

If artificial lighting is required for visibility in the tent, then emergency lighting is required in the event that the artificial lighting fails.

(300) *Subsection 25.1.3.7*

Add new subsection 25.1.3.7 after subsection 25.1.3.6 as follows:

A tent shall not block any exit from a structure or create a situation where the building occupants will exit through the tent to get to a safe area.

(301) *Subsection 25.1.3.8*

Add new subsection 25.1.3.8 after subsection 25.1.3.7 as follows:

All tents shall have a minimum of one exit. Tents with a capacity of greater than 49 persons shall have two exits. Egress doors shall be of contrasting color. Exit

signs shall be provided. Draperies, hangings or curtains used on exits shall comply with NFPA 1 section 14.10.2.

(302) *Subsection 25.1.5.3*

Delete this subsection and substitute the following:

Hay, straw, shavings or similar combustible material shall not be permitted within the structure unless approved in writing by the AHJ.

(303) *Subsection 25.1.9.3.1*

Add new subsection 25.1.9.3.1 after subsection 25.1.9.3 as follows:

Portable distribution or termination boxes shall be designed so no live wires are exposed. Where installed outdoors, the boxes shall be weatherproof and mounted not less than six inches above the ground.

(304) *Subsection 25.1.9.4*

Add new subsection 25.1.9.4 after subsection 25.1.9.3 as follows:

If required by the Department of Inspections, Licenses and Permits, all electrical devices, wiring, and generators may be used if inspected and issued a permit prior to use.

(305) *Subsection 25.1.10.1.3.1*

Add new subsection 25.1.10.1.3.1 after subsection 25.1.10.1.3 as follows:

Fuel fired devices shall be located on the exterior of the tent and air ducted to the tent.

(306) *Subsection 25.1.10.1.6*

Amend subsection 25.1.10.1.6 to delete "installed" and substitute "located".

(307) *Subsection 25.1.10.2.3*

Amend this section to add the following:

Electric heaters cannot be used inside a tent unless approved by the AHJ for each use.

(308) *Subsection 25.2.1.3*

Add new subsection 25.2.1.3 after subsection 25.2.1.2 as follows:

Any tent over 120 feet² requires a permit from Howard County Department of Inspection, License and Permits. Tents and canopies used for food service require

a permit from the Howard County Health Department. Tents shall be permitted on a temporary basis.

(309) *Subsection 25.2.1.4*

Add new subsection 25.2.1.4 after subsection 25.2.1.3 as follows:

Tents, canopies, or membrane structures shall not be set up inside a building unless approved in writing by the AHJ.

(310) *Subsection 25.2.2.1*

Amend subsection 25.2.2.1 to add ", or approved by the AHJ" to the end.

(311) *Subsection 25.2.2.2(3)*

Add new subsection 25.2.2.2(3) after subsection 25.2.2.2(2) as follows:

(3) The tent or canopy shall have a label affixed stating that the tent complies with NFPA 701 or equivalent testing standard approved by the AHJ. Non-fixed certification may be acceptable providing it identifies the make and model of the tent.

(312) *Subsection 25.2.3.4*

Delete this subsection and substitute the following:

A separation of 10 feet is required after every 100 feet of tents. A separation of 10 feet shall be maintained between rows of tents. A row of tents shall not be wider than 40 feet.

(313) *Subsection 26.1.6.2*

Add new subsection 26.1.6.2 after subsection 26.1.6.1 as follows:

When the AHJ requires a hazard assessment, the assessment shall be conducted by a technically qualified person acceptable to the AHJ.

(314) *Subsection 26.1.6.3*

Add new subsection 26.1.6.3 after subsection 26.1.6.2 as follows:

When the AHJ requires a hazard assessment, the assessment shall include a completed hazardous materials inventory statement for the chemicals used in each laboratory. This statement shall comply with the hazardous materials permitting process set forth in this Code.

(315) *Subsection 26.1.6.4*

Add new subsection 26.1.6.4 after subsection 26.1.6.3 as follows:

New laboratories, or laboratories where the NFPA 45 Laboratory Hazard Classification changes, shall post an informational placard near the main entrance to the laboratory. The placard shall state the building name or address, room number, NFPA 45 Laboratory Hazard Classification, maximum allowable quantities of flammable liquids both inside a storage cabinet and open use, and maximum quantities of flammable gases permitted within the laboratory.

(316) *Section 27.2*

Delete this section and substitute the following:

The fire safety requirements for the installation of a manufactured home and a manufactured home site, including an accessory building, structure, and community, shall comply with NFPA 501a, Standard For Fire Safety Criteria For Manufactured Home Installations, Site, and Communities, Section 27.1 of this Code, and title 16, subtitle 5 of the Howard County Code.

(317) *Section 31.2.1*

Add new section 31.2.1 after section 31.2 as follows:

- (1) A copy of the facility's Natural Wood Waste Recycling Facility or composting permit application, including the Operations Plan and the Emergency Preparedness Manual, shall be sent to the AHJ for review and recommendations to the Department of Planning and Zoning.
- (2) A copy of the information required by paragraph (1) of this subsection shall be submitted to the AHJ with each State permit renewal (5 year renewals).

(318) *Subsection 31.3.4.3.2.1*

Add new subsection 31.3.4.3.2.1 after subsection 31.3.4.3.2 as follows:

The primary road shall:

- (1) Be kept adequately clear in order to provide access to the processing/storage area; and
- (2) Be paved or constructed so as to provide all weather, year-round, access by fire apparatus with a weight of 80,000 GVW.

(319) *Subsection 31.3.6.2.2*

Add new paragraph (9) after paragraph (8) as follows:

- (9) A pile containing leaves and other extraneous or hogged material, such as a whole tree chip pile, shall be turned or reclaimed every three months.

(320) *Subsection 31.3.6.3.2*

Delete this subsection and substitute the following:

Piles may not exceed 18 feet in height, 50 feet in width, and 350 feet in length.

Two piles shall be divided by a fire lane having at least 30 feet of clear space at the base of the pile.

(321) *Subsection 31.3.6.3.2.1 through 31.3.6.3.2.3*

Delete these subsections.

(322) *Subsection 31.3.6.3.5.1*

Add new subsection 31.3.6.3.5.1 after subsection 31.3.6.3.5 as follows:

If the operation is located outside of a municipal water supply the following will apply:

- (1) The AHJ will require a reliable certified water supply system with the capability to supply 1,000 gallons per every 10,000 cubic feet of pile. The supply system must be capable of producing a minimum of 250 gpm (preferred is 500 gpm) for at least 2 hours.
- (2) The mulch/wood processing operation shall have a Fire Station located within 5 travel miles of the location.
- (3) If the water supply is static it is to be certified by an engineer and capable to supply the amount required by paragraph (1) of this subsection. If the water supply is below the minimum amount, then the supply must be capable of at least 30,000 gallons at all times. The maximum size of water supply needed may be based on the proposed operation and approved by the AHJ.
- (4) Based on the amount of material on site, other provisions such as sprinklers, pre-piped systems, or constant monitoring of the pile may be required.

(323) *Section 33.1.2*

Delete this section and substitute the following:

Where required, a permit for outside storage shall be obtained from the Maryland Department of the Environment. A permit from the AHJ is required for the storage of 500 tires or more. A person may not store more than 5,000 tires.

(324) *Section 33.1.12*

Add new section 33.1.12 after section 33.1.11 as follows:

The AHJ may require a security fence around the tire storage area.

(325) *Section 33.1.13*

Add new section 33.1.13 after section 33.1.12 as follows:

The storage of fewer than 500 tires shall meet the following requirements:

- (1) Tires shall not be stored in singular vertical stacks;
- (2) Storage piles shall not exceed 10 feet in height;
- (3) Storage piles shall not be larger than 1,250 cubic feet; and
- (4) Tires shall be separated from the property line, buildings, structures, or anything determined as at risk by the AHJ, by a minimum of 25 feet.

(326) *Subsection 33.2.2.3*

Delete "20 ft (6m)" and substitute "10 ft".

(327) *Subsection 34.1.3*

Amend this subsection to replace "An approved storage" with "Where required by the AHJ, an approved storage".

(328) *Chapter 35*

Delete this chapter in its entirety.

(329) *Subsection 42.7.5.5*

Amend this subsection to add the following:

The following information shall be conspicuously posted in this area:

- (1) The exact address of the unattended self-service facility; and
- (2) The telephone number of the owner or operator of the unattended self-service facility.

(330) *Subsection 42.7.5.7*

Add new subsection 42.7.5.7 after subsection 42.7.5.6 as follows:

An owner, manager, or employee shall conduct a daily site visit to ensure that all equipment is operating properly.

(331) *Subsection 42.7.5.8*

Add new subsection 42.7.5.8 after subsection 42.7.5.7 as follows:

An owner, manager, or employee shall conduct inspections and maintenance of equipment at regular intervals and in accordance with the manufacturer's instructions.

(332) *Subsection 42.7.5.9*

Add new subsection 42.7.5.9 after subsection 42.7.5.8 as follows:

Fuel dispensing equipment shall comply with one of the following:

- (1) The amount of fuel being dispensed is limited in quantity by a pre-programmed card; or
- (2) The dispensing device shall be programmed or set to limit uninterrupted fuel delivery of not more than 25 gallons and shall require manual action to resume continued delivery.

(333) *Subsection 50.1.3*

Amend this subsection to insert, "under a canopy" after "tents" and to insert "and this chapter" to the end.

(334) *Subsection 50.2.1.2*

Amend this section to insert "the AHJ and" after "requirements of".

(335) *Section 50.4.1*

Amend this subsection to delete "AHJ" and substitute "Department of Inspections, Licenses, and Permits".

(336) *Subsection 50.8.1.2*

Delete this subsection and substitute the following:

All mobile food vending platforms shall be inspected by the AHJ. For purposes of this Code, mobile food vending platform means any pushcart, trailer, enclosed trailer, or enclosed truck that uses propane or any other heat source to prepare food or beverage for sale.

(337) *Subsection 50.8.1.2.1*

Add new subsection 50.8.1.2.1 after subsection 50.8.1.2 as follows:

Licensing requirements. The owner or operator of a mobile food vending platform shall, before beginning operations, obtain an inspection and inspection sticker from the AHJ as follows:

- (1) The owner or operator of a mobile food vending platform shall provide the following information to the AHJ:
 - (a) Evidence of a current Howard County health inspection;
 - (b) A valid driver's license or government issued ID;
 - (c) Current vehicle registration;
 - (d) Current vehicle inspection sticker/paperwork; and
 - (e) Current vehicle state inspection.
- (2) Inspections of mobile food vending platforms. The AHJ may conduct inspections at any time as deemed necessary to ensure compliance with the provisions of this Code.
 - (a) An inspection is required for any mobile food vending platform that establishes business for any length of time in Howard County. The owner or operator shall request an annual or one-day inspection sticker at least 10 days prior to conducting business in Howard County.
 - (b) The AHJ shall designate a location to conduct inspections. Inspections or re-inspections shall be at designated times each month or may be arranged by appointment.
 - (c) Once the inspection is satisfactorily completed, the AHJ shall issue an inspection sticker. Except for a one-day inspection sticker, the inspection sticker is valid for one calendar year from the last inspection.
 - (d) Mobile food vending platforms that fail the inspection may not operate.

- (e) Any changes to items, processes, storage or configuration within the scope of the inspection must be approved by the AHJ in order to maintain the validity of an inspection sticker.
 - (f) Propane cylinders must be in compliance with hydrostatic test dates.
- (3) The owner or operator of a mobile food vending platform shall:
- (a) Obtain any other permits as required, including a hazardous materials permit where applicable;
 - (b) Pay any other fees as required by law;
 - (c) Display a valid annual or one-day inspection sticker; and
 - (d) Complete a daily checklist approved by the AHJ.

(338) *Subsection 50.8.1.2.2*

Add new subsection 50.8.1.2.2 after subsection 50.8.1.2.1 as follows:

Fees related to mobile food vending platforms.

- (1) The AHJ may charge a fee for an inspection or re-inspection of a mobile food vending platform.
- (2) The County Council may adopt by resolution fees for the inspection and re-inspection of mobile food vending platforms.
- (3) An inspection shall not be performed where an operator has failed to pay inspection fees.

(339) *Subsection 50.8.1.6*

Delete this subsection and substitute the following:

Hazardous materials and storage of flammable liquids for mobile food vending platforms. The storage and use of flammable liquids shall comply with NFPA 1, and the following:

- (1) Individual containers, cartons, or packages shall be conspicuously marked or labeled in an approved manner.
- (2) Hazardous materials or liquids shall be disposed of in the proper manner and shall not be released into any sewer, storm drain, ditch, drainage canal, creek, stream, river, lake or tidal water or on the ground, sidewalk, street, highway, or into the atmosphere.

(340) *Subsection 50.8.1.7*

Add new subsection 50.8.1.7 after subsection 50.8.1.6 as follows:

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.

(341) *Subsection 50.8.1.7.1*

Add new subsection 50.8.1.7.1 after subsection 50.8.1.7 as follows:

Tent and Canopy Requirements

(342) *Subsection 50.8.1.7.1.1*

Add new subsection 50.8.1.7.1.1 after subsection 50.8.1.7.1 as follows:

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. unless otherwise approved in writing by the AHJ.

(343) *Subsection 50.8.1.7.1.2*

Add new subsection 50.8.1.7.1.2 after subsection 50.8.1.7.1.1 as follows:

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

(344) *Subsection 50.8.1.7.2*

Add new subsection 50.8.1.7.2 after subsection 50.8.1.7.1 as follows:

LP Gas Fuel Requirements

(345) *Subsection 50.8.1.7.2.1*

Add new subsection 50.8.1.7.2.1 after subsection 50.8.1.7.2 as follows:

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

(346) *Subsection 50.8.1.7.2.2*

Add new subsection 50.8.1.7.2.2 after subsection 50.8.1.7.2.1 as follows:

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

(347) *Subsection 50.8.1.7.2.3*

Add new subsection 50.8.1.7.2.3 after subsection 50.8.1.7.2.2 as follows:

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

(348) *Subsection 50.8.1.7.2.4*

Add new subsection 50.8.1.7.2.4 after subsection 50.8.1.7.2.3 as follows:

Tanks shall be located so that they are not accessible to the public. LP gas tanks shall be located at least 5 feet from any cooking or heating equipment, or any flame device.

(349) *Subsection 50.8.1.7.2.5*

Add new subsection 50.8.1.7.2.5 after subsection 50.8.1.7.2.4 as follows:

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

(350) *Subsection 50.8.1.7.2.6*

Add new subsection 50.8.1.7.2.6 after subsection 50.8.1.7.2.5 as follows:

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.

(351) *Subsection 50.8.1.7.2.7*

Add new subsection 50.8.1.7.2.7 after subsection 50.8.1.7.2.6 as follows:

A "No Smoking" sign next to or directly above the gas container and visible to the public shall be installed. The sign shall be posted with a minimum of 2-inch lettering and meet the requirements set forth in the Howard County Code, Title 12, Subtitle 6.

(352) *Subsection 50.8.1.7.2.8*

Add new subsection 50.8.1.7.2.8 after Subsection 50.8.1.7.2.7 as follows:

Propane and natural gas tanks shall be shut off while the mobile food vending platform is in motion, unattended, or in overnight storage.

(353) *Subsection 50.8.1.7.3*

Add new subsection 50.8.1.7.3 after subsection 50.8.1.7.2 as follows:

General Safety Requirements.

(354) *Subsection 50.8.1.7.3.1*

Add new subsection 50.8.1.7.3.1 after subsection 50.8.1.7.3 as follows:

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

(355) *Subsection 50.8.1.7.3.2*

Add new subsection 50.8.1.7.3.2 after subsection 50.8.1.7.3.1 as follows;

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

(356) *Subsection 50.8.1.7.3.3*

Add new subsection 50.8.1.7.3.3 after subsection 50.8.1.7.3.2 as follows:

Portable fire extinguishers shall be provided in accordance with NFPA 1, section 13.6, the AHJ, and shall be specifically listed for such use.

(357) *Subsection 50.8.1.7.3.3.1*

Add new subsection 50.8.1.7.3.3.1 after subsection 50.8.1.7.3.3 as follows:

Fire extinguishers are required for all mobile food vending platform as follows:

- (1) All fire extinguishers shall be maintained and inspected on an annual basis. A fire extinguisher (minimum size of 2A 40 BC) is required in addition to any Class K extinguisher. If deep fat fryers are used operators shall have and maintain a Class K portable fire extinguisher.
- (2) Portable fire extinguishers shall be located in conspicuous locations where they are readily accessible and immediately available for use.
- (3) If the platform is a towed trailer, the fire extinguisher shall be kept in the trailer, when the trailer is operating.
- (4) Fire extinguishers shall bear a current inspection tag validated within the past twelve months or a receipt of purchase within the last twelve months shall be available for inspection.

(358) *Subsection 50.8.1.8*

Add new subsection 50.8.1.8 after subsection 50.8.1.7 as follows:

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

(359) *Subsection 50.8.7.4.4*

Amend this subsection to replace “not be transported or stored inside the vehicle” with “be secured in an upright position during transport and storage.”

(360) *Subsection 50.8.8.4*

Add new subsection 50.8.8.4 after subsection 50.8.8.3 as follows:

Electrical requirements. The electrical equipment on a mobile food vendor platform shall be in compliance with the Howard County Electrical Code

(361) *Subsection 60.1.1.1*

Add new subsection 60.1.1.1, after section 60.1.1 as follows:

Hazmat Permitting. Notwithstanding any other provision of this Code, an annual permit issued by the AHJ is required for any facility that stores, receives, dispenses, uses, or handles any hazardous materials identified in subsection 60.1.1.1(1) of this Code. For the purposes of this section, the term "hazardous material" is equivalent to "hazardous substance" and "hazardous chemical".

(1) There are five types of hazardous material permits based on the type and quantity of hazardous material:

(a) Type I permits are required for hazardous chemicals identified in 40 CFR part 370, subject to the Threshold Planning Quantity ("TPQ") where applicable therein.

(b) Type II, Type III, and Type IV permits are required for extremely hazardous substances, as defined in 40 CFR part 355, that have a TPQ of 10 pounds or less, that do not otherwise require a Type I permit, as follows:

(i) Type II permits are required for 5 pounds or more, up to 10 pounds.

(ii) Type III permits are required for 1 pound or more, up to 5 pounds.

(iii) Type IV permits are required for amounts less than a pound

(c) Type V hazardous materials permits are required for any substance, in accordance with Section 1.12.8 of this Code, that does not otherwise require a Type I, II, III, or IV permit

- (2) A permit application will not be accepted unless the following items are submitted with the permit application:
- (a) A general site plan is required for Type I, II, and III facilities. A general site plan shall be drawn at a legible scale and shall include the location of buildings, exterior storage facilities, permanent access ways, evacuation routes, parking lots, internal roads, chemical loading areas, equipment cleaning areas, storm and sanitary sewer accesses, emergency equipment, and adjacent property uses.
 - (b) A building floor plan is required for Type I, II, and III facilities. A building floor plan shall be drawn to a legible scale that shall include the identity of each hazardous materials storage area within the building and shall indicate rooms, doorways, corridors, means of egress, and evacuation routes.
 - (c) An AHJ approved hazardous materials inventory statement (HMIS) is required for all facilities. The inventory statement shall include: hazard class, common or trade name, chemical name, major constituents, and concentrations if a mixture. If the hazardous material is waste, the waste category, chemical abstract service number (CAS number) found in Title 29 of the Code of Federal Regulations (CFR), whether the material is pure or a mixture, and whether the material is a solid, liquid, or gas, storage conditions related to the storage type, temperature, and pressure.
 - (d) Safety data sheets (SDS) are required for all facilities and for all chemicals listed on the application.
 - (e) Type I, II, and III facilities are required to provide a copy of a contract with a disposal/clean-up company or a plan to dispose of chemicals or clean-up spills or leaks.
- (3) Any amendments to the hazardous materials inventory statements shall be provided to the AHJ within 30 days of the storage of any hazardous materials that either:

- (a) Changes or adds a hazard class; or
 - (b) That causes a 5% increase in the amount of any one hazard class.
- (4) The business shall notify the AHJ in writing 30 days prior to vacating the property or area where hazardous materials are located. The AHJ shall conduct an inspection on the last day that the business occupies the property or area to confirm that all hazardous materials have been removed from the property or area. A violation of this subsection is a Class A offense. Each day that a violation continues is a separate offense.
- (5) Applications for a hazardous material permit shall be submitted annually by the following dates:
- (a) Type I — Filing date: March 1st
 - (b) Type II — Filing date: August 1st
 - (c) Type III — Filing date: September 1st
 - (d) Type IV — Filing date May 1st
 - (e) Type V — Filing date: June 1st

Failure to apply for a hazardous materials permit is a Class A offense. Each day that a violation continues is a separate offense.

- (6) A violation of this section is a Class A offense. Each day that a violation continues is a separate offense.

(362) *Subsection 60.1.1.1.1*

Add new subsection 60.1.1.1.1 after subsection 60.1.1.1 as follows:

In addition to this Code, applicable requirements of the Public Safety Article of the Annotated Code of Maryland, shall apply. When a permit conflicts with a provision of this Code, the more stringent requirement applies.

(363) *Section 60.1.2*

Amend this section to delete the first paragraph and substitute the following:

Except for hazardous materials permit requirements, buildings, and portions thereof, containing high hazard contents limited to any of the following are not required to comply with this chapter.

(364) *Subsection 63.1.1.1.1*

Add new subsection 63.1.1.1.1 after subsection 63.1.1.1 as follows:

Carbon dioxide (CO₂) beverage systems shall comply with NFPA 55 as amended.

(365) *Section 65.1.1*

Delete this section and substitute the following:

Except as provided in subsections 65.1.1.1, 65.1.3, 65.1.4, and 65.1.5 of this Code, the storage, use, and handling of explosives, fireworks, or model rocketry shall comply with the requirements of this chapter, NFPA standards referenced within this chapter, section 60.1 and section 60.2 of this Code, and the requirements set forth in the Public Safety Article of the Annotated Code of Maryland.

(366) *Subsection 65.1.1.1*

Add new subsection 65.1.1.1 after subsection 65.1.1 as follows:

Unless the possession or discharge of the device is conducted under a state fire marshal permit and is subject to inspection by the AHJ, a person shall not possess, store, offer for sale, expose for sale, sell, use, burn, discharge, or explode a ground-based sparkling device, including but not limited to, non-aerial, non-explosive cone fountains, and cylindrical fountains.

(367) *Section 65.1.3*

Add new section 65.1.3 after section 65.1.2 as follows:

In addition to the AHJ, the Howard County Department of Police may enforce section 65.1.1.1 of this Code.

(368) *Section 65.1.4*

Add new section 65.1.4 after section 65.1.3 as follows:

A person possessing, selling, or discharging illegal fireworks, explosives, or model rocketry or unlawfully stored hazardous materials, shall forfeit the same to the AHJ. The AHJ may seize illegal fireworks, explosives, or model rocketry or unlawfully stored hazardous materials.

(369) *Section 65.1.5*

Add new section 65.1.5 after section 65.1.4 as follows:

A violation of this chapter is a Class A offense. A person who possesses, sells, or discharges illegal fireworks, explosives, or model rocketry or unlawfully stored hazardous materials, or who fails to surrender illegal fireworks, explosives, or model rocketry to the AHJ, or who fails to get approval or follow the regulation set forth for flame effects is guilty of a misdemeanor and, upon conviction, is subject to a fine not exceeding \$1,000.00 or imprisonment not exceeding 30 days or both. Alternatively, and in addition to and concurrent with all remedies provided at law or equity, a Fire Official may enforce this section with civil penalties pursuant to title 24, "civil penalties," of the Howard County Code. A violation of this subsection is a Class A offense. Each day that a violation continues is a separate offense.

(370) *Subsection 66.23.5*

Add new subsection 66.23.5 after subsection 66.23.4 as follows:

A person shall obtain approval by the Maryland Department of the Environment and the Department of Inspections, Licenses and Permits to remove an underground tank. Removed tanks shall be taken away from the site within 24 hours.

(371) *Subsection 69.1.1.4*

Add new subsection 69.1.1.4 after subsection 69.1.1.3 as follows:

Cylinders connected to a temporary heating device in a building under construction or being renovated shall be located outside the building, secured in a manner approved by the AHJ, and in accordance with subsection 16.2.1.15 of this Code. Any extra cylinders stored on a construction site shall be secured in a manner approved by the AHJ.

(372) *Subsection 69.3.13.1.3*

Delete this subsection and substitute the following:

Except for one- and two-family dwellings, patio heaters shall not be located within 5 feet of an exit or opening of any building.

(373) *Subsection 69.5.3.2.4*

Add new subsection 69.5.3.2.4 after subsection 69.5.3.2.3 as follows:

Except for Class A mercantile occupancies, in mercantile occupancies the total weight of all cylinders shall not exceed 10 lbs.