

Code of Ordinances



Baltimore County, Maryland - Code of ... / ARTICLE 35. - BUILDINGS AND HOUS... / TITLE 2. - BUILDINGS



Baltimore County, MD Code of Ordinances

BALTIMORE COUNTY CODE modified

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ARTICLE 35. - BUILDINGS AND HOUSING :

TITLE 1. - IN GENERAL :

§ - DEFINITIONS. :

(a) *In general.* In this article the following words have the meanings indicated.

(b) *Code Official.* "Code Official" means the Director of Permits, Approvals and Inspections or the Director's designee.

(c) *Department.* "Department" means the Department of Permits, Approvals and Inspections.

(1988 Code, §§ 7-1, 18-67) (Bill No. 69-95, § 7, 7-1-1995; Bill No. 46-96, § 3, 1-1-1997; Bill No. 25-01, § 2, 7-1-2004; Bill No. 122-10, §§ 15, 30, 1-16-2011)

TITLE 2. - BUILDINGS :

SUBTITLE 1. - "DIRECTOR" DEFINED :

§ 35-2-101. - "DIRECTOR" DEFINED. :

In this title, "Director" means the Director of Permits, Approvals and Inspections or the Director's designee unless otherwise stated.

(1988 Code, § 7-1) (Bill No. 69-95, § 7, 7-1-1995; Bill No. 25-01, § 2, 7-1-2004; Bill No. 76-03, § 3, 7-1-2004; Bill No. 122-10, §§ 15, 30, 1-16-2011)

SUBTITLE 2. - BUILDING REGULATIONS :

§ 35-2-201. - REVISION OF BUILDING CODE. :

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- (a) *Department to submit legislation.* Within 9 months after publication of each new edition of the Triennial International Code Council's International Building Code, the Department shall submit appropriate adopting legislation to the County Executive.
- (b) *Review of legislation by the County Executive; submission to Council.* The County Executive shall review the proposed legislation and submit it to the County Council.
- (c) *Effect of revisions.* The International Building Code shall have same force and effect as if set out in full in this section.

(1988 Code, § 7-4) (Bill No. 25-01, § 2, 7-1-2004; Bill No. 77-01, § 1, 11-23-2001; Bill No. 76-03, § 4, 7-1-2004)

§ 35-2-202. - COPYING AND DISTRIBUTION OF REGULATIONS. :

- (1) The County Council shall make the building regulations available for public inspection at any time in the Council's office.
- (2) The County Council may:
- (i) Print and make available for public distribution a quantity of copies of the adopted regulations as the County Council considers necessary; and
 - (ii) Charge a reasonable fee for copies of the regulations distributed to the public.

(1988 Code, § 7-5) (Bill No. 25-01, § 2, 7-1-2004)

§ 35-2-203. - GENERAL COUNTY ENFORCEMENT AUTHORITY. :

- (a) *Removal or repair of structures.* The county may:
- (1) At the expense of the owner, remove or make safe and secure a building, wall, structure, or superstructure that is or may become dangerous or that is not erected, constructed, altered, extended, or repaired in compliance with the code and the regulations adopted under the code; or
 - (2) At the expense of the owner or agent of the owner, order the owner or agent to remove or repair a building, wall, structure, or superstructure that is or may become dangerous or that is not erected, constructed, altered, extended, or repaired in compliance with the code and the regulations adopted under the code.
- (b) *Liens; action to recover expenses.*
- (1) The costs incurred by the county in removing or making safe and secure a building, wall, structure, or superstructure as provided under subsection (a)(1) of this section shall be considered a lien on the land and improvements.
 - (2) In addition to any other remedy or penalty provided by law or regulation, the county may enforce the lien by sale of the property, whether real or personal.

Code of Ordinances (3) In addition to the lien, the county may bring an action to recover expenses or any deficit after the sale of the property.

- (c) *Inspection.* The county may inspect and regulate the safe construction, erection, repair, alteration, remodeling, removal, or demolition, in any manner, of all or any part of a private or public building or structure.

(1988 Code, § 7-5) (Bill No. 25-01, § 2, 7-1-2004)

§ 35-2-204. - PROHIBITION ON OBSTRUCTIONS IN PUBLIC PLACES. ⋮

- (a) *"Public place" defined.* In this section, "public place" means a public hall, house of worship, school, or place of amusement in the county.
- (b) *In general.* An owner or lessee of a public place may not obstruct or allow others to obstruct the aisles or passageways in the auditorium of the public place by locating a bench, chair, stool, or other article that prevents free ingress and egress during the hours that the public place is open to the public.
- (c) *Duty of owner, lessee, or agent.* During the time that a public place is open to the public, the owner or lessee of a public place, or the agent of the owner or lessee shall:
- (1) Keep all doors giving ingress and egress to a public place unlocked and unobstructed and provide exit doors that open outward; and
 - (2) Ensure that no hindrance, such as locks, bars, or gratings obstruct or prevent ingress and easy egress through a door of the public place.
- (d) *Penalty.* An owner or lessee, or the agent of an owner or lessee who violates this section is guilty of a misdemeanor.
- (e) *Inspection.* The county shall conduct, as necessary, examinations of public places.

(1988 Code, § 7-6) (Bill No. 25-01, § 2, 7-1-2004)

§ 35-2-205. - INSPECTIONS FOR PROPER EXITS; CORRECTION. ⋮

- (a) *Building Engineer authorized to inspect.* In order to determine if the buildings have the proper means of exit in case of a fire or emergency, the Building Engineer may authorize inspection of buildings open to the public or used for public assemblages or gatherings including theaters, hotels, public halls, nightclubs, taverns, manufacturing establishments, restaurants, houses of worship, schools, and places of amusement.
- (b) *Examination by Building Engineer; notice.* If, after inspection, the Building Engineer or the Building Engineer's designee determines that a building does not have the proper means of exit if there is a fire or emergency, the building engineer or designee shall provide written notice to the owners, trustees, lessees, tenants, or occupants of the building that:
- (1)

The building does not have the proper means of exit; and
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- (2) They are required to provide the proper means of exit, as considered necessary by the Building Engineer or designee.
- (c) *Penalty for failure to comply.* A person who violates this section by failing to comply with a notice of the Building Engineer or designee within 10 days after the date of the notice is guilty of a misdemeanor.

(1988 Code, § 7-7) (Bill No. 25-01, § 2, 7-1-2004)

§ 35-2-206. - ADDRESS NUMBERS ON IMPROVED PROPERTY. :

- (a) *"Owner" defined.* In this section, "owner" means the person whose name appears on the tax records of the county for the property at the time of an alleged violation of this section.
- (b) *Display.* The owner of improved property shall prominently display numerals or letters, at least three inches in height, designating the address assigned to the property:
 - (1) In a conspicuous space on or about the property;
 - (2) On a conspicuous background; and
 - (3) In a location that is unobstructed and clearly visible:
 - (i) From the street named in the address of the property; and
 - (ii) From any street, road or alley providing public vehicular access to the rear of the property.
- (c) *Enforcement.*
 - (1) The County Fire Department shall:
 - (i) Enforce the provisions of this section; and
 - (ii) Adopt the form of the warning notice required under paragraph (2) of this subsection.
 - (2) A written warning notice of a violation of this section shall:
 - (i) Inform the owner of the requirements of this section;
 - (ii) Advise the owner of the manner of compliance; and
 - (iii) Inform the owner that failure to comply with the warning within 15 days shall constitute a violation.
 - (3) In addition to the Fire Department, an inspector or other authorized agent of the County Health Department, the Department of Environmental Protection and Sustainability, the Fire Department, the Police Department, the Department of Permits, Approvals and Inspections, or the Department of Public Works and Transportation may issue a warning notice to an owner.
 - (4)

An owner who does not comply with a written warning notice issued under this section, is subject to a civil penalty not exceeding \$100.

(1988 Code, § 7-8) (Bill No. 69-95, § 5, 7-1-1995; Bill No. 25-01, § 2, 7-1-2004; Bill No. 102-07, § 1, 3-9-2008; Bill No. 122-10, §§ 15, 30, 1-16-2011; Bill No. 33-21, § 1, 5-3-2021)

SUBTITLE 3. - BUILDING PERMITS

§ 35-2-301. - REQUIRED.

A person may not erect, construct, repair, alter, remodel, remove, or demolish a building or structure in the county without:

- (1) Obtaining a written permit signed by the Building Engineer; and
- (2) Paying the requisite fee for the permit.

(1988 Code, § 7-36) (Bill No. 34-95, § 1, 6-9-1995; Bill No. 39-97, § 4, 6-6-1997; Bill No. 25-01, § 2, 7-1-2004)

Annotation:

In Schloss v. Davis, 213 Md. 119, 131 A.2d 287 (1957), it was held that failure to obtain a building permit would not void a contract between the builder and the owner.

§ 35-2-302. - PROCESS FOR ISSUANCE, DENIAL, AND APPEAL.

(a) *Fees.* The County Administrative Officer may:

- (1) Establish a schedule of fees for the issuance of permits for the erection, construction, repair, alteration, remodeling, removal, or demolition of a building or structure in the county; and
- (2) Increase and decrease the fees when considered necessary and proper.

(b) *Application form.*

- (1) The Building Engineer shall provide permit application forms that require the information that the Building Engineer determines is necessary, including:
 - (i) The plans and specifications showing the nature and character of the work to be done; and
 - (ii) The plans and specifications of the building or structure to be erected, constructed, repaired, altered, remodeled, removed, or demolished.
- (2) Except as provided in paragraph (3) of this subsection, the Building Engineer may not consider or issue a permit unless all of the information required by the Building Engineer is supplied.

(3)

The Building Engineer may waive for cause the requirement to file the plans and specifications.
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(c) *Disposition of permit fees.*

- (1) The Building Engineer shall account for and pay to the county all money received from the issuance of permits.
- (2) The county shall expend the money received under paragraph (1) of this subsection as part of the general funds.

(d) *Written explanation required.* The Building Engineer:

- (1) May deny, revoke, suspend, annul, or modify a permit; and
- (2) Shall certify in writing to the permit applicant the reasons for a denial, revocation, suspension, annulment, or modification of a permit.

(e) *Appeal.*

- (1) An applicant for a building permit may appeal to the County Board of Appeals for review of the denial, revocation, suspension, annulment, or modification of a permit by the Building Engineer by:
 - (i) Filing a written notice of appeal to the county Board of Appeals not more than 30 days after the denial, revocation, suspension, annulment, or modification of the permit by the Building Engineer;
 - (ii) Serving a copy of the notice of appeal on the County Attorney; and
 - (iii) Setting forth in the notice of appeal the grounds for the appeal in clear and concise terms.
- (2) Upon payment by the applicant of all costs for preparation, the Department of Permits, Approvals and Inspections shall promptly certify and send to the Board of Appeals the complete file of the record in the case.

(1988 Code, § 7-36) (Bill No. 34-95, § 1, 6-9-1995; Bill No. 39-97, § 4, 6-6-1997; Bill No. 25-01, § 2, 7-1-2004; Bill No. 76-03, § 5, 7-1-2004; Bill No. 122-10, §§ 15, 30, 1-16-2011)

§ 35-2-303. - TEMPORARY TRAILER PERMITS.

- (a) *In general.* A person may obtain a temporary trailer permit, as provided under § 415.4.B and C. of the Baltimore County Zoning Regulations, by applying to the Director.
- (b) *Application form.* The Director shall provide application forms that require the applicant to furnish information necessary to determine whether the permit may be approved as provided under § 415.4A. of the Baltimore County Zoning Regulations.
- (c) *Fee.* The County Administrative Officer shall establish a fee for the permits issued under this section.

(1988 Code, § 7-36) (Bill No. 34-95, § 1, 6-9-1995; Bill No. 39-97, § 4, 6-6-1997; Bill No. 25-01, § 2, 7-1-2004; Bill No. 76-03, § 5, 7-1-2004)

§ 35-2-304. - PENALTY FOR ACTION WITHOUT A PERMIT. ⋮

- (a) *"Person" defined.* In this section, "person" includes an owner, agent, builder, or contractor or a person on whose behalf an action is undertaken in violation of this section.
- (b) *Prohibition; penalty.*
- (1) A person may not erect, construct, repair, alter, remodel, remove, or demolish a building or structure or part of a building or structure in the county without obtaining a permit.
 - (2) A person who violates this section is guilty of a misdemeanor.
 - (3) A person who violates this section is also subject to a civil penalty of \$1,000.
- (c) *Person not relieved of other duties upon conviction.* A conviction or penalty assessment under subsection (b) of this section, may not relieve a person of:
- (1) Any other penalty; or
 - (2) The necessity of securing and paying for a permit and complying with all other applicable laws and regulations.
- (d) *Return to former condition.*
- (1) The Building Engineer or a court of competent jurisdiction may require a person who erects, constructs, repairs, alters, remodels, removes, or demolishes all or a part of a building or structure without having obtained a permit to restore the building or structure to its original condition.
 - (2) (i) If the person fails to comply, the county may proceed against the person under [§ 35-2-203](#) of this title.
 - (ii) Any expense incurred as a result of the action undertaken under subparagraph (i) of this paragraph is the sole responsibility of the person.

(1988 Code, § 7-36) (Bill No. 34-95, § 1, 6-9-1995; Bill No. 39-97, § 4, 6-6-1997; Bill No. 25-01, § 2, 7-1-2004; Bill No. 76-03, § 5, 7-1-2004)

Annotation— *In Schloss v. Davis, 213 Md. 119, 131 A.2d 287 (1957), the Court of Appeals held that a contract is not void just because a contractor violated former [Title 23, § 283](#) of the code (1948) by failing to obtain a building permit before commencing construction.*

§ 35-2-305. - ADEQUATE DISPOSAL OF SEWAGE AND DRAINAGE REQUIRED. ⋮

- (a) *Disposal plan required for permit.* The Building Engineer may not issue a permit for the construction or erection of a building or structure unless:
- (1)

Adequate provisions are made for the disposing of waste, sewage, and drainage from the building or structure and the lands in the vicinity; and

(2) Plans for the provisions required in paragraph (1) of this subsection are submitted to and approved by the Building Engineer and the Director of Environmental Protection and Sustainability or the Director's designee.

(b) *Supervision by Building Engineer.* The Building Engineer shall supervise the installation of the provisions made for disposing of waste, sewage, and drainage required under subsection (a) of this section.

(c) *Regulations.* The Director may adopt regulations and orders to ensure adequate provisions for disposing of waste, sewage, and drainage as required in subsection (a) of this section in order to protect the public health, safety, and welfare.

(d) *Penalty.* A person who violates a provision of this section is guilty of a misdemeanor.

(1988 Code, § 7-37) (Bill No. 25-01, § 2, 7-1-2004; Bill No. 122-10, § 15, 1-16-2011)

§ 35-2-306. - RAT ERADICATION MEASURES. :

(a) *Definitions.* In this section, "building", "rat", "rat eradication", "rat harborage", and "rat-free" have the meanings stated in Article 13, Title 7, Subtitle 3 of the Code.

(b) *Required statement.*

(1) A person who desires to demolish, raze, move, or remove a building, in whole or in part, shall submit with the application for a permit to do so a statement of a certified pest control technician from a licensed pest control firm that appropriate rat eradication measures have been taken and that the premises are rat-free.

(2) The Building Engineer may not issue the permit unless the person has submitted the statement.

(c) *New statement if there is a delay.* If the proposed demolition, razing, moving, or removal of a building or part of a building is not completed within 90 days after the issuance of the permit, before proceeding with the demolition, razing, moving, or removal, the person shall submit a new rat eradication statement to the Building Engineer.

(d) *Responsibilities after the work.* On completion of the demolition, razing, moving, or removal of the building, the owner shall:

(1) Eliminate all rat harborages from the premises; and

(2) Maintain the premises in a rat-free condition.

(1988 Code, § 22-50) (Bill No. 25-01, § 2, 7-1-2004; Bill No. 8-17, § 1, 3-20-2017)

1 SHALL BE DEEMED COMPLIANT WITH THE REQUIREMENTS OF THE BALTIMORE COUNTY
2 PLUMBING AND GASFITTING CODE FOR FIXTURE COUNT.

3 **PART 200. INTERNATIONAL BUILDING CODE.** THIS PART SETS FORTH ADDITIONS TO,
4 AMENDMENTS TO, AND DELETIONS FROM, THE INTERNATIONAL BUILDING CODE, 2015
5 EDITION, IN ACCORDANCE WITH BILL 40-15, THE BUILDING CODE OF BALTIMORE
6 COUNTY.

7 **PART 201.** THE FOLLOWING CHAPTERS AND SECTIONS ARE DELETED FROM THE
8 INTERNATIONAL BUILDING CODE, 2015 EDITION: 101.1; 101.2; 101.4; 101.4.1; 101.4.2; 101.4.3;
9 101.4.4; 101.4.5; 101.4.6; 102.6; 103.1; 103.2; 105.2; 105.6; 107.1 109.2; 109.3; 109.6; 110.3; 113.1; 113.3;
10 114.3; 115.3; 116.3; 201.3; SECTION 202 DEFINITIONS HIGH-RISE BUILDING AND FOSTER CARE
11 FACILITIES; 305.2; 308.6.1; 402.4.2; 402.4.2.1; 402.4.2.2.1; 402.4.3; 402.4.3.1; 402.8.1.1; 403.1;
12 403.2.1.2; 403.4.5; 403.6.1; 704.3; 718.3.1; 903.2.11.3; 903.3.1.1.2; 903.3.2; 905.3.1; 905.3.2; 905.3.3;
13 907.1.2; 907.2.13.2; 913.4; EXCEPTION TO 1005.3.1; EXCEPTION TO 1005.3.2; CHAPTER 11
14 ACCESSIBILITY; 1607.12.2; 1607.12.3; 1607.12.3.1; TABLE 1807.1.6.3(1); NOTE C; 1807.2, 1809.5
15 EXCEPTION 2; APPENDIX C-C102.2.

16 **PART 202.** THE FOLLOWING ARE ADDED TO THE INTERNATIONAL BUILDING CODE, 2015
17 EDITION: FLOATING PIER; FIXED PIER; FOSTER CARE FACILITIES; HIGH-RISE BUILDING;
18 PIER; SECTION 402.5 AUTOMATIC SPRINKLER SYSTEM: ADDITIONAL REQUIREMENTS 6, 7
19 AND 8; SECTION 402.6.2 KIOSKS ADDITIONAL REQUIREMENT 5; SECTION 403.3.2 WATER
20 SUPPLY TO REQUIRED FIRE PUMPS SECOND EXCEPTION; SECTION 706.6 VERTICAL
21 CONTINUITY EXCEPTION 4.4.4; TABLE 1807.1.6.3(1) NOTE C.

22 **PART 203.** THE FOLLOWING CHAPTERS AND SECTIONS, COLLECTIVELY REFERRED TO AS
23 THE LOCAL AMENDMENTS TO THE INTERNATIONAL BUILDING CODE, 2015 EDITION ARE
24 ADDED.

25 **CHAPTER 2 – DEFINITIONS**

26 **SECTION 201 GENERAL.**

27 **SECTION 201.3 TERMS DEFINED IN OTHER CODES.** WHERE TERMS ARE NOT DEFINED IN
28 THIS CODE AND ARE DEFINED IN THE INTERNATIONAL BUILDING CODE, 2015 EDITION,
29 INTERNATIONAL RESIDENTIAL CODE, 2015 EDITION, BALTIMORE COUNTY FIRE
30 PREVENTION CODE INCLUDING NFPA 101 LIFE SAFETY CODE, 2015 EDITION, AND NFPA 1
31 FIRE CODE, 2015 EDITION, INTERNATIONAL MECHANICAL CODE, 2015 EDITION, THE
32 BALTIMORE COUNTY PLUMBING AND GASFITTING CODE, BALTIMORE COUNTY
33 LIVABILITY CODE, INTERNATIONAL EXISTING BUILDING CODE, 2015 EDITION, NATIONAL
34 ELECTRICAL CODE, 2014 EDITION, OR INTERNATIONAL ENERGY CONSERVATION CODE,

1 2015 EDITION, SUCH TERMS SHALL HAVE THE MEANINGS ASCRIBED TO THEM AS IN
2 THOSE CODES.

3 **SECTION 202 DEFINITIONS**

4 **Add – FLOATING PIER:** PIER DESIGNED WITH INHERENT FLOTATION CAPABILITY THAT
5 ALLOWS THE STRUCTURE TO FLOAT ON THE WATER SURFACE AND RISE AND FALL WITH
6 WATER LEVEL CHANGES.

7 **Add – FIXED PIER:** PIER CONSTRUCTED ON A PERMANENT, FIXED FOUNDATION,
8 SUCH AS ON PILES, THAT PERMANENTLY ESTABLISHES THE ELEVATION OF THE
9 STRUCTURE DECK WITH RESPECT TO LAND.

10 **Add – FOSTER CARE FACILITIES:** FACILITIES THAT PROVIDE CARE TO MORE THEN FIVE
11 CHILDREN, LESS THAN 24 MONTHS OF AGE.

12 **Add – HIGH-RISE BUILDING.** SEE SECTION 403.1

13 **Add – PIER:** A STRUCTURE EXTENDING OVER THE WATER AND SUPPORTED ON A FIXED
14 FOUNDATION (FIXED PIER), OR ON FLOTATION (FLOATING PIER), THAT PROVIDES ACCESS
15 TO THE WATER.

16 **CHAPTER - 3 USE AND OCCUPANCY CLASSIFICATION**

17 **SECTION 305 EDUCATIONAL GROUP E**

18 **SECTION 305.2 GROUP E, DAY CARE FACILITIES:** THIS GROUP INCLUDES BUILDINGS
19 AND STRUCTURES OR PORTIONS THEREOF OCCUPIED BY MORE THAN FIVE CHILDREN 24
20 MONTHS OF AGE OR OLDER WHO RECEIVE EDUCATIONAL, SUPERVISION OR PERSONAL
21 CARE SERVICES FOR FEWER THAN 24 HOURS PER DAY.

22 **SECTION 308 INSTITUTIONAL GROUP I**

23 **SECTION 308.6.1 CLASSIFICATION AS GROUP E.** A CHILD DAY CARE FACILITY THAT
24 PROVIDES CARE FOR MORE THAN FIVE BUT NO MORE THAN 100 CHILDREN LESS THAN 24
25 MONTHS OF AGE, WHERE THE ROOMS IN WHICH THE CHILDREN ARE CARED FOR ARE
26 LOCATED ON A LEVEL OF EXIT DISCHARGE SERVING SUCH ROOMS, AND EACH OF THESE
27 CHILD CARE ROOMS HAS AN EXIT DOOR NO MORE THAN 21 INCHES ABOVE OR BELOW
28 OUTSIDE GRADE DIRECTLY TO THE EXTERIOR, SHALL BE CLASSIFIED AS USE GROUP E.

29 **SECTION 310 RESIDENTIAL GROUP R**

30 **SECTION 310.5.3 DAY-CARE HOME:** CHILD CARE FACILITIES WHEN LOCATED IN
31 RESIDENTIAL OCCUPANCIES, THAT PROVIDE ACCOMMODATIONS FOR SIX CLIENTS AND
32 NO MORE THAN 12 CLIENTS, WITH NOT MORE THAN FIVE CHILDREN UNDER THE AGE OF
33 24 MONTHS, FOR LESS THAN 24 HOURS SHALL COMPLY WITH THE REQUIREMENTS OF THIS

1 CODE FOR R-3 USES AS WELL AS NFPA 101 "LIFE SAFETY CODE", 2015 EDITION, SECTION
2 16.6.

3 **SECTION 310.6.1 RESIDENTIAL GROUP R-4:** R-4 RESIDENTIAL OCCUPANCIES SHALL ALSO
4 COMPLY WITH NFPA 101 "LIFE SAFETY CODE", 2015 EDITION, SECTIONS 32-1 AND 32-2.

5 **CHAPTER 4 - SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY**

6 **SECTION 402 COVERED MALLS AND OPEN MALL BUILDINGS**

7 **SECTION 402.4.2 FIRE-RESISTANCE-RATED SEPARATION:** FIRE-RESISTANCE-RATED
8 SEPARATION IS NOT REQUIRED BETWEEN TENANT SPACES AND THE MALL FIRE-
9 RESISTANCE-RATED SEPARATION IS NOT REQUIRED BETWEEN A FOOD COURT AND
10 ADJACENT TENANT SPACES OR THE MALL. EXCEPT AS REQUIRED BY SECTION 402.4.2.1.1.

11 **SECTION 402.4.2.1 TENANT SEPARATIONS:** EACH TENANT SPACE SHALL BE SEPARATED
12 FROM OTHER TENANT SPACES BY A FIRE PARTITION HAVING A ONE HOUR FIRE
13 RESISTIVE PARTITION THAT EXTENDS FROM THE FLOOR TO THE UNDERSIDE OF THE
14 ROOF DECK, FLOOR DECK ABOVE, OR CEILING WHERE THE CEILING IS CONSTRUCTED TO
15 LIMIT THE TRANSFER OF SMOKE, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH
16 SECTION 708. A TENANT SEPARATION WALL IS NOT REQUIRED BETWEEN ANY TENANT
17 SPACE AND THE MALL EXCEPT AS REQUIRED BY SECTION 402.4.2.1.1.

18 **SECTION 402.4.2.1.1 FIRE-RESISTANCE RATED STORE FRONT SEPARATION COVERED**
19 **MALLS.** A TENANT SEPARATION WALL IS NOT REQUIRED BETWEEN ANY TENANT SPACE
20 AND THE MALL EXCEPT FOR A ONE-HOUR RATED BULKHEAD WALL LOCATED ABOVE
21 THE CEILING OF A TENANT SPACE, SEPARATING IT FROM THE COVERED MALL. SUCH
22 BULKHEAD WALL MAY BE SUPPORTED BY A NON-FIRE RESISTIVE ASSEMBLY WHEN
23 CONSTRUCTED OF NONCOMBUSTIBLE MATERIAL.

24 **SECTION 402.4.2.2.1 OPENINGS BETWEEN ANCHOR BUILDING AND COVERED MALL.**
25 EXCEPT FOR THE SEPARATION BETWEEN GROUP R-1 SLEEPING UNITS AND THE MALL,
26 OPENINGS BETWEEN ANCHOR BUILDINGS OF TYPE 1A, 1B, 11A AND 11B CONSTRUCTION
27 AND THE MALL NEED NOT BE PROTECTED, EXCEPT AS REQUIRED BY SECTION 402.5.

28 **SECTION 402.4.3 OPEN MALL CONSTRUCTION.** FLOOR ASSEMBLIES IN, AND ROOF
29 ASSEMBLIES OVER, THE OPEN MALL OF AN OPEN MALL BUILDING SHALL BE OPEN TO
30 THE ATMOSPHERE FOR NOT LESS THAN 30 FEET, MEASURED PERPENDICULAR FROM THE
31 FACE OF THE TENANT SPACES ON THE LOWEST LEVEL, FROM EDGE OF BALCONY TO EDGE
32 OF BALCONY ON UPPER FLOORS AND FROM EDGE OF ROOF LINE TO EDGE OF ROOF LINE.
33 THE OPENINGS WITHIN, OR THE UNROOFED AREA OF, AN OPEN MALL SHALL EXTEND
34 FROM THE LOWEST/GRADE LEVEL OF THE OPEN MALL THROUGH THE ENTIRE ROOF

1 ASSEMBLY. BALCONIES ON UPPER LEVELS OF THE MALL SHALL NOT PROJECT INTO THE
2 REQUIRED WIDTH OF THE OPENING.

3 **SECTION 402.4.3.1 PEDESTRIAN WALKWAYS.** PEDESTRIAN WALKWAYS CONNECTING
4 BALCONIES IN AN OPEN MALL SHALL BE LOCATED NOT LESS THAN 30 FEET FROM ANY
5 OTHER PEDESTRIAN WALKWAY.

6 **SECTION 402.5 AUTOMATIC SPRINKLER SYSTEM:** ADD ADDITIONAL REQUIREMENTS 6,
7 7 AND 8 AS FOLLOWS:

8 6. UNPROTECTED OPENINGS IN FIRE-RESISTIVE RATED WALL ASSEMBLIES
9 SEPARATING COVERED MALL FROM AN ANCHOR STORE SHALL BE PROTECTED BY
10 CLOSED HEAD SPRINKLER PROTECTION SPACED SIX (6) FOOT ON CENTER AT EACH
11 OPENING, AND SHALL BE SUPPLIED BY THE COVERED MALL SPRINKLER SYSTEM AS
12 REQUIRED BY THE BUILDING OFFICIAL.

13 7. AUTOMATIC SPRINKLER PROTECTION WATER FLOW ALARMS SHALL BE ZONED AS
14 REQUIRED BY THE BALTIMORE COUNTY FIRE PREVENTION CODE.

15 8. IF APPROVED BY THE CODE OFFICIAL, AN INDEPENDENTLY CONTROLLED TENANT
16 SPACE MAY INCLUDE A CONNECTION WITH A DRAIN TO ALLOW FOR A PAN HANDLE
17 BLANK TO BE INSTALLED TO ISOLATE THE TENANT SPACE FROM THE REMAINDER OF THE
18 SPRINKLER SYSTEM DURING TIMES OF SPRINKLER SYSTEM ALTERATION.

19 **SECTION 402.6.2 KIOSKS. ADD ADDITIONAL REQUIREMENT 5 AS FOLLOWS:**

20 5. NO SPACE SHALL BE USED FOR A KIOSK OR OTHER USE WITHIN 10 FEET OF ANY
21 COVERED MALL STORE FRONT, OR WITHIN 50 FEET OF AN OPENING FROM AN ANCHOR
22 STORE INTO A COVERED MALL.

23 **SECTION 402.6.5 TEMPORARY USE AREAS.** TEMPORARY USE AREAS, EXCLUDING PLACES
24 OF ASSEMBLY, SHALL COMPLY WITH REQUIREMENTS OF SECTION 402.6.2.

25 **SECTION 402.6.6 HAZARDOUS MATERIALS.** NO COMBUSTIBLE OR FLAMMABLE LIQUIDS
26 OR GASES, OR BOTH, SHALL BE PERMITTED IN THE COVERED MALL.

27 **SECTION 402.6.7 MOTOR VEHICLES AND RECREATIONAL VEHICLES.** NO MOTOR
28 VEHICLES USED FOR TRANSPORTATION OR RECREATIONAL VEHICLES, SUCH AS AN
29 AIRPLANE, BOAT, TRAILER, CAMPER, ETC., SHALL BE DISPLAYED OR STORED IN THE
30 COVERED MALL AREA UNLESS BY PERMISSION OF THE BALTIMORE COUNTY FIRE
31 DEPARTMENT.

32 **SECTION 402.6.8 ASSEMBLY USES WITHIN COVERED MALL.** ASSEMBLY USES WITHIN
33 THE COVERED MALL SHALL COMPLY WITH THE FOLLOWING:

1 1. NO AREAS WITHIN A COVERED MALL SHALL BE USED FOR ASSEMBLY TYPE
2 ACTIVITIES UNLESS THE EXITS FOR THAT AREA OF THE COVERED MALL HAVE BEEN
3 CALCULATED TO SATISFY THE BALTIMORE COUNTY BUILDING CODE AND THE FIRE
4 CODE FOR THE PROPOSED USE BY A LICENSED PROFESSIONAL ARCHITECT OR ENGINEER
5 REGISTERED IN THE STATE OF MARYLAND, AND PROVISIONS ARE MADE TO CONTROL
6 THE OCCUPANT LOAD SO THAT THE DESIGN LOAD IS NOT EXCEEDED.

7 THE BUILDING OFFICIAL AND/OR THE FIRE OFFICIAL MAY REQUIRE ANY ADDITIONAL
8 SAFEGUARDS AS NECESSARY TO INSURE THE PUBLIC HEALTH, SAFETY, OR WELFARE.

9 **SECTION 402.7.1.1 STANDPIPE SYSTEM ANCHOR STORES.** ANCHOR STORES SHALL BE
10 PROVIDED WITH A STANDPIPE SYSTEM IN ACCORDANCE WITH SECTION 905.3.3.

11 **SECTION 402.8.1.1 MINIMUM WIDTH.** THE MINIMUM WIDTH OF EITHER A COVERED MALL
12 OR OPEN MALL SHALL BE 30 FEET. THE AGGREGATE CLEAR EGRESS WIDTH OF THE MALL
13 IN EITHER A COVERED OR OPEN MALL BUILDING SHALL BE NOT LESS THAN 20 FEET (6096
14 MM). THE MALL WIDTH SHALL BE SUFFICIENT TO ACCOMMODATE THE OCCUPANT LOAD
15 SERVED. NO PORTION OF THE MINIMUM REQUIRED AGGREGATE EGRESS WIDTH SHALL
16 BE LESS THAN 10 FEET (3048 MM) BETWEEN ANY PROJECTION OF A TENANT SPACE
17 BORDERING THE MALL AND THE NEAREST KIOSK, VENDING MACHINE, BENCH, DISPLAY
18 OPENING, FOOD COURT OR OTHER OBSTRUCTION TO MEANS OF EGRESS TRAVEL.

19 **SECTION 403 HIGH-RISE BUILDINGS.**

20 **SECTION 403.1 APPLICABILITY.** THE PROVISIONS OF THIS SECTION SHALL APPLY TO ALL
21 BUILDINGS USED FOR HUMAN OCCUPANCY WHEN THE BUILDINGS ARE 75'-0" (22860 MM)
22 OR MORE IN HEIGHT, AS MEASURED FROM THE LOWEST ELEVATION OF A PUBLIC OR
23 PRIVATE PUBLIC WAY OVER 21 FEET WIDE USED AS A REFERENCE DATUM AT A POINT 6'-
24 0" FROM THE BUILDING UPWARD TO THE EAVE OF A PITCHED ROOF OR THE TOP OF A
25 PARAPET OR THE POINT OF FIRE DEPARTMENT ACCESS ON A NON-PITCH ROOF. THIS
26 PUBLIC WAY SHALL NOT BE FURTHER FROM THE BUILDING THAN WILL ALLOW A 100
27 FOOT AERIAL LADDER TO REACH A HEIGHT OF 75 FEET (22860 MM) AT THE BUILDING AND
28 SHALL BE AVAILABLE ON AT LEAST TWO SIDES.

29 **EXCEPTION:** THE PROVISIONS OF SECTIONS 403.2 THROUGH 403.6 SHALL NOT APPLY TO
30 THE FOLLOWING BUILDINGS AND STRUCTURES:

- 31 1. AIRPORT TRAFFIC CONTROL TOWERS IN ACCORDANCE WITH SECTION 412.3
- 32 2. OPEN PARKING GARAGES IN ACCORDANCE WITH SECTION 406.5.
- 33 3. BUILDINGS WITH AN OCCUPANCY IN GROUP A-5 IN ACCORDANCE WITH SECTION
34 303.6.

1 4. SPECIAL INDUSTRIAL OCCUPANCIES IN ACCORDANCE WITH SECTION 503.1.1.

2 5. BUILDINGS WITH AN OCCUPANCY IN GROUP H-1, H-2 OR H-3 IN ACCORDANCE WITH
3 SECTION 415.

4 **SECTION 403.2.1.2 SHAFT ENCLOSURES.** FOR BUILDINGS NOT GREATER THAN 420 FEET
5 IN HEIGHT, THE REQUIRED FIRE RESISTANCE RATING OF THE FIRE BARRIER ASSEMBLIES
6 ENCLOSING VERTICAL SHAFTS, OTHER THAN STAIRWAY ENCLOSURES AND ELEVATOR
7 HOISTWAY ENCLOSURES, MAY BE REDUCED TO 1 HOUR WHEN AUTOMATIC SPRINKLERS
8 ARE INSTALLED WITHIN THE SHAFTS AT THE TOP AND AT ALTERNATE FLOOR LEVELS,
9 AND ZONED SEPARATELY ON THE ANNUNCIATOR PANEL OF THE CENTRAL CONTROL
10 STATION. SPRINKLERS SHALL BE CONTROLLED BY A SEPARATE INDICATING VALVE
11 INSTALLED IN AN APPROVED LOCATION.

12 **SECTION 403.3.2 WATER SUPPLY TO REQUIRED FIRE PUMPS.**

13 ADD SECOND EXCEPTION: EXISTING HIGH-RISE BUILDINGS IF APPROVED BY THE
14 BALTIMORE COUNTY FIRE DEPARTMENT.

15 **SECTION 403.4.5 EMERGENCY RESPONDER RADIO COVERAGE.** EMERGENCY
16 RESPONDER RADIO COVERAGE SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 916.

17 **SECTION 403.4.7.1 WINDOW IDENTIFICATION AND GLAZING.** WINDOWS/PANELS SHALL
18 BE CLEARLY AND PERMANENTLY MARKED. IDENTIFICATION SHALL BE BY AN ETCHED
19 GLASS MALTESE CROSS OF MINIMUM 4 INCH BY 4 INCH IN ACCORDANCE WITH THE
20 BALTIMORE COUNTY FIRE DEPARTMENT'S REQUIREMENTS. NON-OPERABLE WINDOWS
21 SHALL BE OF TEMPERED GLASS.

22 **SECTION 403.4.8.5 EMERGENCY ELECTRIC POWER FEED.** PRIMARY AND EMERGENCY
23 ELECTRIC POWER FEED LINES FOR STANDBY AND EMERGENCY POWER SYSTEMS
24 REQUIRED BY SECTIONS 403.4.8 AND 403.4.9 SHALL NOT BE INSTALLED IN THE SAME
25 UTILITY SHAFT, AND SHALL BE SEPARATED BY SUFFICIENT DISTANCE OR PROTECTION
26 SO AS TO INSURE ANY SINGLE OCCURRENCE WOULD NOT RENDER BOTH PRIMARY AND
27 EMERGENCY/STANDBY POWER FEEDS INOPERATIVE.

28 **SECTION 403.6.1 FIRE SERVICE ACCESS ELEVATOR.** IN BUILDINGS WITH AN OCCUPIED
29 FLOOR MORE THAN 100 FEET ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE
30 ACCESS, A MINIMUM OF ONE FIRE SERVICE ACCESS ELEVATOR SHALL BE PROVIDED IN
31 ACCORDANCE WITH SECTION 3007, AND IN BUILDINGS WITH AN OCCUPIED FLOOR MORE
32 THAN 120 FEET (36 576 MM) ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE
33 ACCESS, NO FEWER THAN TWO FIRE SERVICE ACCESS ELEVATORS, OR ALL ELEVATORS,
34 WHICHEVER IS LESS, SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 3007. EACH

1 FIRE SERVICE ACCESS ELEVATOR SHALL HAVE A CAPACITY OF NOT LESS THAN 3500
2 POUNDS (1588 KG).

3 **SECTION 407 GROUP I-2.**

4 **SECTION 407.11 EMERGENCY RESPONDER RADIO COVERAGE.**

5 EMERGENCY RESPONDER RADIO COVERAGE SHALL BE PROVIDED IN ACCORDANCE WITH
6 SECTION 916 IN NEWLY CONSTRUCTED HOSPITAL BUILDINGS AND ADDITIONS TO
7 EXISTING HOSPITALS.

8 **SECTION 415 GROUPS H-1, H-2, H-3, H-4 AND H-5**

9 **SECTION 415.1.2. FIRE FIGHTER SAFETY BUILDING MARKING SYSTEM REQUIRED.**

10 BUILDINGS AND STRUCTURES CLASSIFIED AS USE GROUP H SHALL HAVE FIRE FIGHTER
11 SAFETY BUILDING MARKING SYSTEM SIGNAGE IN COMPLIANCE WITH ANNEX F “FIRE
12 FIGHTER SAFETY BUILDING MARKING SYSTEM” OF THE LATEST EDITION OF NFPA 1 FIRE
13 CODE.

14 **CHAPTER - 5 GENERAL BUILDING HEIGHTS AND AREAS.**

15 **SECTION 506 BUILDING AREA.**

16 **SECTION 506.3.1.1 OPEN SPACE LIMITS.** SUCH OPEN SPACE SHALL BE EITHER ON THE
17 SAME LOT OR DEDICATED FOR PUBLIC USE AND SHALL BE ACCESSED FROM A STREET OR
18 APPROVED FIRE LANE IN ACCORDANCE WITH NFPA 1, FIRE CODE, 2015 EDITION, SECTION
19 18.2 AND SHALL BE LOCATED WITHIN 30 FEET OF THE BUILDING FOR ENTIRE LENGTH OF
20 THE BUILDING RECEIVING FRONTAGE INCREASE PER SECTION 506.3. SECTION 18.2.3.2.2.1
21 OF NFPA 1 SHALL NOT APPLY.

22 **SECTION 507 UNLIMITED AREA BUILDINGS.**

23 **SECTION 507.2.2 FIRE LANES REQUIRED.** OPEN SPACE REQUIRED FOR UNLIMITED AREA
24 BUILDINGS SHALL BE PROVIDED WITH A STREET OR AN APPROVED FIRE LANE IN
25 ACCORDANCE WITH LATEST EDITION OF NFPA 1, FIRE CODE, SECTION 18.2, AND SHALL
26 BE LOCATED WITHIN 30 FT OF THE ENTIRE LENGTH OF THE BUILDING. SECTION 18.2.3.2.2.1
27 OF NFPA 1 SHALL NOT APPLY.

28 **SECTION 508.3.3.4 SEPARATION FULLY SPRINKLERED FIRE, RESCUE AND AMBULANCE**
29 **STATIONS.** A FIRE-RESISTIVE SEPARATION ASSEMBLY SHALL NOT BE REQUIRED FOR
30 FULLY SPRINKLERED FIRE, RESCUE, AND AMBULANCE STATIONS OF A POLITICAL SUB-
31 DIVISION, INCLUDING VOLUNTEER STATIONS, MEETING THE FOLLOWING:

32 1. A NON-FIRE RESISTIVE SEPARATION IS PROVIDED THAT CONFORMS TO SECTION
33 707.5 FOR CONTINUITY, WITH PENETRATIONS AND OPENINGS PROTECTED TO LIMIT THE
34 TRANSFER OF SMOKE.

1 2. A FIRE-RESISTIVE ASSEMBLY CONFORMING TO TABLE 707.3.10 IS PROVIDED TO
2 SEPARATE USE GROUP A, OTHER THAN TRAINING ROOMS WITH LESS THAN 100
3 OCCUPANTS, FROM ALL OTHER USE GROUPS.

4 3. PROVISIONS OF SECTIONS 420.2 AND 420.3 SHALL NOT APPLY.

5 **CHAPTER 7 - FIRE RESISTANCE-RATED CONSTRUCTION.**

6 **SECTION 703 FIRE-RESISTANCE RATINGS AND FIRE TESTS.**

7 **SECTION 703.7.1 LABELING OF FIRE WALLS.** ALL FIRE WALLS SHALL BE PLACARDED OR
8 STENCILED ON BOTH SIDES WITH THE PHRASE "FIRE WALL". THE LETTERS SHALL BE RED
9 IN COLOR, 6 INCHES HIGH AND A MINIMUM OF ¼ INCH WIDE. THE PHRASE SHALL BE
10 WRITTEN ONCE FOR EACH 15 FEET OF HORIZONTAL WALL LENGTH. SIGNAGE MAY BE
11 LOCATED IN THE CONCEALED SPACE ABOVE A CEILING.

12 **SECTION 704 FIRE-RESISTANCE RATING OF STRUCTURAL MEMBERS.**

13 **SECTION 704.3 PROTECTION OF THE PRIMARY STRUCTURAL FRAME OTHER THAN**
14 **COLUMNS.** MEMBERS OF THE PRIMARY STRUCTURAL FRAME OTHER THAN COLUMNS
15 THAT ARE REQUIRED TO HAVE A FIRE-RESISTANCE RATING AND SUPPORT TWO FLOORS
16 OR MORE OR ONE FLOOR AND ROOF, OR SUPPORT A LOAD-BEARING WALL OR A
17 NONLOAD-BEARING WALL TWO STORIES OR MORE HIGH, SHALL BE PROVIDED
18 INDIVIDUAL ENCASMENT PROTECTION BY PROTECTING THEM ON ALL SIDES FOR THEIR
19 FULL LENGTH, INCLUDING CONNECTIONS TO OTHER STRUCTURAL MEMBERS, WITH
20 MATERIALS HAVING THE REQUIRED FIRE-RESISTANCE RATING.

21 **EXCEPTION:** INDIVIDUAL ENCASMENT PROTECTION ON ALL SIDES SHALL BE
22 PERMITTED ON ALL EXPOSED SIDES PROVIDED THE EXTENT OF PROTECTION IS IN
23 ACCORDANCE WITH THE REQUIRED FIRE-RESISTANCE RATING, AS DETERMINED IN
24 SECTION 703.

25 **SECTION 706.6 VERTICAL CONTINUITY.**

26 **ADD EXCEPTION 4.4.4:** ANY GAP BETWEEN THE TOP OF THE WALL OR NAILING STRIP
27 AND THE UNDERSIDE OF THE DECK SHALL BE FILLED WITH APPROVED FIREPROOF
28 FLEXIBLE INSULATION INSTALLED IN ACCORDANCE WITH ITS LISTING.

29 **SECTION 718.3.1 DRAFTSTOPPING MATERIALS.** DRAFTSTOPPING MATERIAL SHALL NOT
30 BE LESS THEN 0.5 INCH TYPE X GYPSUM BOARD, OR 2 LAYERS OF 0.5 INCH GYPSUM WALL
31 BOARD WITH STAGGERED JOINTS, OR OTHER APPROVED MATERIAL HAVING A ASTM E-
32 119 FIRE RESISTIVE RATING OF 25 MINUTES OR MORE INSTALLED PER ITS LISTING.

33 **CHAPTER 9 - FIRE PROTECTION SYSTEMS.**

34 **SECTION 901 GENERAL.**

1 **SECTION 901.2.1 NONREQUIRED SYSTEMS.** ANY FIRE PROTECTION SYSTEMS NOT
2 REQUIRED BY THIS CODE SHALL COMPLY WITH THE REQUIREMENTS OF THE
3 APPROPRIATE ADOPTED CODES AND STANDARDS.

4 **901.9 SIGNAGE LETTER SIZES.** WHERE FIRE PROTECTION EQUIPMENT OR CONTROLS ARE
5 LOCATED IN A SEPARATE ROOM OR BUILDING, A SIGN SHALL BE PROVIDED ON THE
6 ENTRANCE DOOR. SPRINKLER AND STANDPIPE SYSTEMS INCLUDING FIRE PUMPS. THE
7 MINIMUM HEIGHT OF LETTERS AND NUMBERS SHALL BE 2 INCHES UNLESS OTHERWISE
8 NOTED.

9 **SECTION 901.10 YARD HYDRANTS.**

10 **SECTION 901.10.1 SIZE.** THE MINIMUM SIZE OF ON-SITE MAINS SUPPLYING FIRE
11 HYDRANTS SHALL BE 8 INCHES IN DIAMETER.

12 **SECTION 901.10.2 LEADS.** HYDRANT LEADS FROM MAINS SHALL BE NOT LESS THAN 6
13 INCHES IN DIAMETER, NOR MORE THAN 20 FEET IN LENGTH. EXCEPTIONS TO THESE
14 CRITERIA MAY BE GRANTED AT THE DISCRETION OF THE BUILDING OFFICIAL OR THE
15 FIRE DEPARTMENT.

16 **SECTION 903 AUTOMATIC SPRINKLER SYSTEMS.**

17 **SECTION 903.1.2 INSTALLATION STANDARD EDITION.** EDITION YEAR OF AUTOMATIC
18 SPRINKLER SYSTEMS SHALL BE THE EDITION YEAR REQUIRED BY THE BALTIMORE
19 COUNTY FIRE PREVENTION CODE.

20 **SECTION 903.1.3 CONSTRUCTION DOCUMENTS AND DESIGN.** DESIGN OF PLANS AND
21 PREPARATION OF CALCULATIONS FOR AUTOMATIC SPRINKLER AND SPRAY FIRE
22 SUPPRESSION SYSTEMS, FIRE STANDPIPE SYSTEMS AND FIRE PUMPS SHALL BE PREPARED
23 UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER, COMPETENT IN
24 THE FIELD OF FIRE PROTECTION ENGINEERING AND AUTOMATIC SPRINKLER SYSTEM
25 DESIGN OR A CERTIFIED ENGINEERING TECHNICIAN POSSESSING A LEVEL III OR HIGHER
26 CERTIFICATION IN AUTOMATIC SPRINKLER SYSTEM LAYOUT FROM THE NATIONAL
27 INSTITUTE OF CERTIFICATION IN ENGINEERING TECHNOLOGIES (“NICET”). PLANS SHALL
28 BE SIGNED GIVING NICET LEVEL AND CERTIFICATION NUMBER, OR BY SEAL OF A
29 PROFESSIONAL ENGINEER COMPETENT IN THE FIELD OF FIRE PROTECTION ENGINEERING
30 WHO IS REGISTERED IN THE STATE OF MARYLAND.

31 **SECTION 903.1.4 CALCULATIONS.** THE VELOCITY PRESSURE METHOD OF HYDRAULIC
32 CALCULATION SHALL NOT BE UTILIZED IN CALCULATING SPRINKLER OR STANDPIPE
33 SYSTEM DEMANDS.

1 **SECTION 903.1.5 STRUCTURAL CERTIFICATE REQUIRED.** AN OFFICIAL BALTIMORE
2 COUNTY STRUCTURAL CERTIFICATE SHALL BE COMPLETED AND SEALED BY A STATE OF
3 MARYLAND STRUCTURAL ENGINEER INDICATING A STRUCTURE'S ABILITY TO
4 WITHSTAND THE ADDED LOAD OF WATER FILLED SPRINKLER PIPING. SUCH A
5 CERTIFICATE SHALL BE PROVIDED FOR ALL SPRINKLER SYSTEMS WHERE 2 ½ INCH OR
6 LARGER PIPE IS BEING INSTALLED.

7 **SECTION 903.1.6 EXPEDITED AUTOMATIC SPRINKLER SYSTEM PERMIT.** THE CODE
8 OFFICIAL SHALL HAVE THE AUTHORITY TO ESTABLISH AND AMEND PROCEDURES AND
9 REQUIREMENTS FOR EXPEDITED AUTOMATIC SPRINKLER PERMITS. THE CODE OFFICIAL
10 SHALL HAVE THE AUTHORITY TO DENY ANY REQUEST FOR AN EXPEDITED SPRINKLER
11 PERMIT.

12 **SECTION 903.2.8.5 ADDITIONS, RENOVATIONS AND FIRE DAMAGE REPAIR TO**
13 **EXISTING RESIDENTIAL BUILDINGS.**

14 1. IF AN ADDITION, RENOVATION OR FIRE DAMAGE REPAIR IS MADE TO AN
15 EXISTING RESIDENTIAL BUILDING AND EXCEEDS 50 PERCENT OF THE GROSS FLOOR
16 AREA, THEN THE ENTIRE BUILDING SHALL BE PROVIDED THROUGHOUT WITH APPROVED
17 AUTOMATIC SPRINKLER PROTECTION.

18 2. EXISTING RESIDENTIAL BUILDINGS FOUR OR MORE STORIES IN HEIGHT
19 EXPERIENCING FIRE DAMAGE REPAIR EXCEEDING 50 PERCENT OF THE GROSS FLOOR
20 AREA OF A FLOOR, THEN THAT FLOOR EXPERIENCING DAMAGE SHALL BE PROVIDED
21 WITH APPROVED AUTOMATIC SPRINKLER PROTECTION THROUGHOUT. THE PROVISIONS
22 OF SUBSECTION 1. OF THIS SECTION SHALL ALSO APPLY AS MAY BE APPLICABLE. FOR
23 THE PURPOSE OF THIS SECTION, FIRE DAMAGE SHALL INCLUDE FIRE, SMOKE, WATER
24 DAMAGE, AND DAMAGE CAUSED BY FIRE FIGHTING EFFORTS.

25 **SECTION 903.2.9.3 MINI-STORAGE BUILDING.** AN AUTOMATIC SPRINKLER SYSTEM
26 SHALL BE INSTALLED THROUGHOUT ALL MINI-STORAGE BUILDINGS GREATER THAN
27 2500 SQ. FT.

28 **SECTION 903.2.11.3 BUILDINGS THREE OR MORE STORIES IN HEIGHT.** AN AUTOMATIC
29 SPRINKLER SYSTEM SHALL BE INSTALLED THROUGHOUT BUILDINGS THREE OR MORE
30 STORIES IN HEIGHT ABOVE THE GRADE PLANE.

31 **EXCEPTIONS:**

- 32 1. AIRPORT CONTROL TOWERS.
33 2. FREE STANDING OPEN PARKING STRUCTURES.
34 3. OCCUPANCIES IN GROUP F-2.

1 **SECTION 903.2.13 NEW STORAGE OCCUPANCIES GROUP A PLASTICS.** AN AUTOMATIC
2 SPRINKLER SYSTEM SHALL BE INSTALLED THROUGHOUT ALL OCCUPANCIES
3 CONTAINING STORAGE COMMODITIES CLASSIFIED AS GROUP A PLASTICS IN EXCESS OF
4 5 FT (1.5 M) IN HEIGHT OVER AN AREA EXCEEDING 2500 SQ. FT IN AREA.

5 **SECTION 903.2.14 HIGH-PILED STORAGE.** AN AUTOMATIC SPRINKLER SYSTEM SHALL BE
6 INSTALLED THROUGHOUT ALL OCCUPANCIES CONTAINING AREAS GREATER THAN 2500
7 SQ. FT FOR THE HIGH-PILED STORAGE OF COMBUSTIBLES.

8 **SECTION 903.3.1.1.3 MINIMUM BASE OF RISER DEMAND.** MINIMAL WATER SUPPLY
9 REQUIREMENTS SHALL BE AS FOLLOWS:

10	LIGHT HAZARD	150 gpm
11	ORDINARY GROUP 1 HAZARD	600 gpm
12	ORDINARY GROUP 2 HAZARD	750 gpm
13	OR A HIGHER HAZARD	750 gpm

14 **SECTION 903.3.1.1.4 SAFETY MARGIN.** A MINIMUM 5 PSI SAFETY MARGIN SHALL BE
15 PROVIDED IN THE HYDRAULIC CALCULATIONS FOR ALL WATER BASED FIRE
16 PROTECTION SYSTEMS WHEN THE SYSTEMS ARE FED FROM A MUNICIPAL WATER
17 SUPPLY.

18 **SECTION 903.3.2 QUICK-RESPONSE AND RESIDENTIAL SPRINKLERS.** WHERE
19 AUTOMATIC SPRINKLER SYSTEMS ARE REQUIRED BY THIS CODE OR THE BALTIMORE
20 COUNTY FIRE PREVENTION CODE, QUICK RESPONSE OR RESIDENTIAL AUTOMATIC
21 SPRINKLER SHALL BE INSTALLED IN THE FOLLOWING AREAS IN ACCORDANCE WITH
22 SECTIONS 903.1.2 AND 903.3.1 AND THEIR LISTINGS:

- 23 1. IN ALL HIGH-RISE, INSTITUTIONAL AND ASSEMBLY OCCUPANCIES.
- 24 2. ALL RESIDENTIAL OCCUPANCIES.
- 25 3. LIGHT-HAZARD OCCUPANCIES AS DEFINED IN NFPA 13.
- 26 4. IN ANCILLARY AREAS IN THE ABOVE OCCUPANCIES, UNLESS OTHERWISE
27 ALLOWED BY THE CODE OFFICIAL.
- 28 5. SMOKE COMPARTMENTS CONTAINING TREATMENT ROOMS IN AMBULATORY
29 CARE FACILITIES.

30 **SECTION 903.3.2.1 WET PIPE SPRINKLER SYSTEM REQUIRED.** SPRINKLER REQUIRED IN
31 SECTION 903.3.2 SHALL BE USED WITH A WET PIPE AUTOMATIC SPRINKLER SYSTEM
32 UNLESS APPROVED BY THE CODE OFFICIAL.

33 **SECTION 903.4 SPRINKLER SYSTEM MONITORING AND ALARMS**

1 **EXCEPTION 8: SPRINKLER ALARMS:** ALARMS AND ALARM ATTACHMENTS SHALL NOT
2 BE REQUIRED, EXCEPT WHERE A BUILDING IS PROVIDED WITH A FIRE ALARM SYSTEM,
3 IN WHICH CASE INTERCONNECTION TO PROVIDE A WATERFLOW ALARM SHALL BE
4 MADE.

5 **SECTION 903.4.1.2 AUTOMATIC SPRINKLER, STANDPIPE AND FIRE PUMP SYSTEMS.**

6 AUTOMATIC SPRINKLERS, STANDPIPES AND FIRE PUMPS IN NEW BUILDINGS AND
7 EXISTING BUILDINGS SHALL BE MAINTAINED BY LOCKING VALVES IN THE OPEN
8 POSITION, AS REQUIRED BY THE BALTIMORE COUNTY FIRE DEPARTMENT, AND ONE OF
9 THE FOLLOWING METHODS:

10 1. APPROVED CENTRAL STATION SYSTEM IN ACCORDANCE WITH THE LATEST
11 EDITION OF NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, LISTED IN CHAPTER
12 35.

13 2. APPROVED PROPRIETARY SYSTEM IN ACCORDANCE WITH THE LATEST EDITION
14 OF NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, LISTED IN CHAPTER 35.

15 3. APPROVED REMOTE STATION SYSTEM OF THE JURISDICTION IN ACCORDANCE
16 WITH THE LATEST EDITION OF NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE,
17 LISTED IN CHAPTER 35.

18 4. APPROVED LOCAL ALARM SERVICE THAT WILL CAUSE THE SOUNDING OF AN
19 AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION IN ACCORDANCE WITH THE
20 LATEST EDITION OF NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE.

21 **EXCEPTION:** AS PERMITTED BY EXCEPTIONS IN SECTIONS 903.4 AND 903.4.1.

22 **SECTION 903.6 INDEPENDENT SPRINKLER CONTROL VALVE(S) REQUIRED.** WHENEVER
23 AUTOMATIC SPRINKLER PROTECTION IS UTILIZED TO PROVIDE A FIRE-RESISTIVE
24 RATING, SUCH SPRINKLERS SHALL BE UNDER THE CONTROL OF AN INDEPENDENT
25 CONTROL VALVE. SUCH VALVE SHALL BE ARRANGED TO BE INDEPENDENT OF ANY
26 OTHER SPRINKLER SYSTEM CONTROL VALVES, OTHER THAN THOSE AT THE MAIN
27 SPRINKLER HEADER OR MAIN STANDPIPE RISER CONTROL VALVE.

28 **SECTION 903.7 LOCATION OF SPRINKLER CONTROL VALVES IN RESIDENTIAL**
29 **OCCUPANCIES.** SPRINKLER CONTROL VALVE(S) SHALL NOT BE LOCATED INSIDE OR
30 ACCESSED THROUGH A DWELLING UNIT, UNLESS SUCH VALVE CONTROLS ISOLATED
31 SPRINKLERS SERVING THAT DWELLING UNIT.

32 **SECTION 903.8 ATRIUM SPRINKLERS.** AUTOMATIC SPRINKLER PROTECTION SERVING
33 THE ATRIUM SHALL BE UNDER THE CONTROL OF A SEPARATE SECTIONAL CONTROL

1 VALVE LOCATED AND ARRANGED IN A MANNER APPROVED BY THE FIRE DEPARTMENT
2 OR CODE OFFICIAL.

3 **SECTION 905 STANDPIPE SYSTEMS**

4 **SECTION 905.2.1 NFPA 14 STANDARD EDITION.** EDITION YEAR OF NFPA 14, STANDARD
5 FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS, SHALL BE THE EDITION
6 YEAR REQUIRED BY THE BALTIMORE COUNTY FIRE PREVENTION CODE.

7 **SECTION 905.2.2 DESIGN PRESSURE.** STANDPIPE SYSTEMS SHALL BE DESIGNED TO
8 PROVIDE THE REQUIRED WATER FLOW RATE AT A MINIMUM RESIDUAL PRESSURE OF 100
9 PSI AT THE MOST REMOTE HOSE CONNECTION OUTLET.

10 **EXCEPTION:** IN NON-HIGH-RISE BUILDINGS EQUIPPED WITH COMPLETE AUTOMATIC
11 SPRINKLER PROTECTION IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 13, OR
12 BUILDINGS EQUIPPED WITH A NFPA 13R AUTOMATIC SPRINKLER SYSTEM WHERE HEIGHT
13 DOES NOT EXCEED 3 STORIES OF TYPE V CONSTRUCTION OR 4 STORIES OF TYPE I, II, III
14 OR IV CONSTRUCTION TYPE, STANDPIPE RISERS SHALL BE DESIGNED TO DELIVER THE
15 REQUIRED STANDPIPE FLOW (“GPM”) AT A POSITIVE RESIDUAL PRESSURE AT THE
16 TOPMOST HOSE OUTLET PROVIDED THAT THE MINIMUM PIPE SIZE FOR STANDPIPES IS 4
17 INCHES AND IT IS SHOWN THAT THE STANDPIPE DEMAND AT 100 PSI DISCHARGE AT THE
18 TOPMOST OUTLET CAN BE SUPPLIED BY A 1250 GPM FIRE DEPARTMENT PUMPER AT 150
19 PSI DISCHARGE AT THE FIRE DEPARTMENT CONNECTION.

20 **SECTION 905.3.1 HEIGHT.** CLASS I AUTOMATIC-WET STANDPIPE SYSTEMS SHALL BE
21 INSTALLED THROUGHOUT BUILDINGS WHERE THE FLOOR LEVEL OF THE HIGHEST STORY
22 IS LOCATED MORE THAN 30 FEET (9144 MM) ABOVE THE LOWEST LEVEL OF FIRE
23 DEPARTMENT VEHICLE ACCESS, OR WHERE THE FLOOR LEVEL OF THE LOWEST STORY IS
24 LOCATED MORE THAN 30 FEET (9144 MM) BELOW THE HIGHEST LEVEL OF FIRE
25 DEPARTMENT VEHICLE ACCESS.

26 **EXCEPTIONS:**

27 1. CLASS I SEMIAUTOMATIC-DRY STANDPIPE SYSTEM MAY BE ALLOWED IN AREAS
28 SUBJECT TO FREEZING SUBJECT TO APPROVAL OF THE CODE OFFICIAL.

29 2. CLASS I MANUAL STANDPIPES ARE ALLOWED IN OPEN PARKING GARAGES WHERE
30 THE HIGHEST FLOOR IS LOCATED NOT MORE THAN 150 FEET (45720 MM) ABOVE THE
31 LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS.

32 3. CLASS I MANUAL DRY STANDPIPES ARE ALLOWED IN OPEN PARKING GARAGES
33 THAT ARE SUBJECT TO FREEZING TEMPERATURES, PROVIDED THAT THE HOSE

1 CONNECTIONS ARE LOCATED AS REQUIRED FOR CLASS II STANDPIPES IN ACCORDANCE
2 WITH SECTION 905.5.

3 4. IN DETERMINING THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS, IT
4 SHALL NOT BE REQUIRED TO CONSIDER:

5 4.1 RECESSED LOADING DOCKS FOR FOUR VEHICLES OR LESS; AND

6 4.2 CONDITIONS WHERE TOPOGRAPHY MAKES ACCESS FROM THE FIRE
7 DEPARTMENT VEHICLE TO THE BUILDING IMPRACTICAL OR IMPOSSIBLE.

8 **SECTION 905.3.2 GROUP A.** CLASS I AUTOMATIC WET STANDPIPES SHALL BE PROVIDED
9 IN NONSPRINKLERED GROUP A BUILDINGS HAVING AN OCCUPANT LOAD EXCEEDING
10 1,000 PERSONS.

11 **EXCEPTIONS:**

12 1. OPEN-AIR-SEATING SPACES WITHOUT ENCLOSED SPACES.

13 2. CLASS I AUTOMATIC DRY AND SEMIAUTOMATIC DRY STANDPIPES OR MANUAL
14 WET STANDPIPES ARE ALLOWED, SUBJECT TO APPROVAL OF THE CODE OFFICIAL IN
15 BUILDINGS WHERE THE HIGHEST FLOOR SURFACE USED FOR HUMAN OCCUPANCY IS 75
16 FEET (22 860 MM) OR LESS ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE
17 ACCESS.

18 **SECTION 905.3.3 COVERED MALL BUILDINGS AND ANCHOR STORES.** THERE SHALL BE
19 CLASS I STANDPIPE HOSE CONNECTIONS PROVIDED IN ALL THE FOLLOWING LOCATIONS:

20 1. THERE SHALL BE A FIRE DEPARTMENT STANDPIPE OUTLETS CONNECTED TO
21 THE MALL AREA AUTOMATIC SPRINKLER SYSTEM, OR THERE SHALL BE A SEPARATE
22 STANDPIPE SYSTEM, CAPABLE OF DELIVERING 250 GALLONS PER MINUTE AT 50 PSI AT
23 THE MOST REMOTE HOSE CONNECTION, WITH AN OUTLET LOCATED WITHIN EACH
24 ENTRANCE TO AN EXIT PASSAGEWAY, CORRIDOR OR ENCLOSED STAIRWAY, AT
25 EXTERIOR EXITS AND AT A MINIMUM OF 200 FOOT INTERVALS ALONG THE COVERED
26 MALL.

27 2. THERE SHALL BE A FIRE DEPARTMENT STANDPIPE SYSTEM PROVIDED IN ALL
28 ANCHOR STORES ATTACHED TO A MALL STRUCTURE. THE STANDPIPE SYSTEM SHALL
29 BE INDEPENDENT OF THE ANCHOR STORE AUTOMATIC SPRINKLER SYSTEM AND BE
30 CAPABLE OF DELIVERING 250 GALLONS PER MINUTE AT 50 PSI DISCHARGE PRESSURE AT
31 THE MOST REMOTE HOSE CONNECTION WITH AN OUTLET LOCATED WITHIN EACH
32 ENTRANCE TO AN EXIT PASSAGEWAY, CORRIDOR OR ENCLOSED STAIRWAY, AT
33 EXTERIOR EXITS, AND AT EACH ESCALATOR FLOOR OPENING.

1 **SECTION 905.3.7 MARINAS AND BOATYARDS.** MARINAS AND BOATYARDS SHALL BE
2 EQUIPPED THROUGHOUT WITH STANDPIPE SYSTEMS IN ACCORDANCE WITH THE
3 BALTIMORE COUNTY FIRE PREVENTION CODE.

4 **SECTION 905.11 LOCATION OF CONTROL VALVE.** THE INDICATING RISER CONTROL
5 VALVE(S) SHALL BE LOCATED IN THE FIRE RATED STAIRTOWER ENCLOSURE AND
6 ARRANGED IN A MANNER APPROVED BY THE BUILDING OFFICIAL OR THE FIRE
7 DEPARTMENT. FLOOR CONTROL VALVES SHALL BE LOCATED WITHIN THE FIRE RATED
8 STAIRTOWER ENCLOSURE AND ARRANGED IN A MANNER APPROVED BY THE BUILDING
9 OFFICIAL.

10 **SECTION 910 SMOKE AND HEAT VENTS.**

11 **SECTION 910.2.1.1 STORAGE FACILITIES.** S-1 STORAGE BUILDINGS TWO OR MORE
12 STORIES IN HEIGHT SHALL BE PROVIDED WITH TEMPERED GLASS WINDOWS/PANELS OR
13 OPERABLE WINDOWS SHALL BE PROVIDED WHEN REQUIRED BY THE BUILDING OFFICIAL
14 IN EXTERIOR WALLS AT THE RATE OF 20 SQUARE FEET PER 50 LINEAL FEET OF EXTERIOR
15 WALL IN EACH STORY AND SHALL BE DISTRIBUTED AT NOT MORE THAN 50-FOOT
16 INTERVALS AND SHALL HAVE DIRECT ACCESS TO CORRIDORS OR AISLES. WHERE
17 TEMPERED GLASS OR PANELS ARE USED, SUCH WINDOWS/PANELS SHALL BE CLEARLY
18 AND PERMANENTLY MARKED. IDENTIFICATION SHALL BE BY AN ETCHED GLASS
19 MALTESE CROSS OF MINIMUM 4 INCH BY 4 INCH IN ACCORDANCE WITH THE BALTIMORE
20 COUNTY FIRE DEPARTMENTS REQUIREMENTS.

21 **SECTION 913 FIRE PUMPS.**

22 **SECTION 913.1.1 NFPA 20 STANDARD EDITION.** EDITION YEAR OF NFPA 20, STANDARD
23 FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION, SHALL BE THE
24 EDITION YEAR REQUIRED BY THE BALTIMORE COUNTY FIRE PREVENTION CODE.

25 **SECTION 913.4 VALVE SUPERVISION.** WHERE PROVIDED, THE FIRE PUMP SUCTION,
26 DISCHARGE AND BYPASS VALVES, AND ISOLATION VALVES ON THE BACKFLOW
27 PREVENTION DEVICE OR ASSEMBLY SHALL BE SUPERVISED IN ACCORDANCE WITH
28 SECTION 903.4.1.2.

29 **CHAPTER 10 - MEANS OF EGRESS.**

30 **SECTION 1003 GENERAL MEANS OF EGRESS.**

31 **SECTION 1003.1.1 LIFE SAFETY CODE CONFLICTS:** WHEN THIS CODE AND THE NFPA 101,
32 LIFE SAFETY CODE, HAVE CONFLICTING TECHNICAL PROVISIONS FOR MEANS OF EGRESS,
33 THE BUILDING OFFICIAL MAY ACCEPT ALTERNATIVE FEATURES OF THE LIFE SAFETY
34 CODE AS CONSTITUTING EQUIVALENT PROTECTION.

1 **SECTION 1013 EXIT SIGNS.**

2 **SECTION 1013.1.1 COLOR.** EXIT SIGNS SHALL HAVE GREEN LETTERS ON A WHITE
3 BACKGROUND OR IN ANOTHER APPROVED DISTINGUISHABLE BACKGROUND COLOR.

4 **SECTION 1015 GUARDS.**

5 **SECTION 1015.1.1 RETAINING WALLS.** GUARDS SHALL BE PROVIDED FOR ALL
6 RETAINING WALLS 4 FEET OR HIGHER.

7 EXCEPTION: RETAINING WALLS LESS THAN 8 FEET IN HEIGHT WITH NO WALKING
8 SURFACE WITHIN 5 FEET OF OPEN-SIDE AND NO DANGEROUS CONDITION IS EVIDENT.

9 **CHAPTER 11- ACCESSIBILITY.**

10 **SECTION 1101 GENERAL.**

11 **SECTION 1101.1 SCOPE.** THE PROVISIONS OF THIS CHAPTER SHALL CONTROL THE DESIGN
12 AND CONSTRUCTION OF FACILITIES FOR ACCESSIBILITY FOR INDIVIDUALS WITH
13 DISABILITIES.

14 **SECTION 1101.2 DESIGN.** BUILDINGS AND FACILITIES SHALL BE DESIGNED AND
15 CONSTRUCTED TO BE ACCESSIBLE IN ACCORDANCE WITH THE MARYLAND
16 ACCESSIBILITY CODE SET FORTH IN COMAR 05.02.02, AS AMENDED.

17 **CHAPTER 16 - STRUCTURAL DESIGN.**

18 **SECTION 1607 LIVE LOADS.**

19 **SECTION 1607.3.1 UNIFORM LIVE LOADS PIERS.**

20 1. UNIFORM LIVE LOADS FOR PIERS SERVING ONE AND TWO FAMILY DWELLINGS
21 SHALL BE 60 PSF WITH AN ADDITIONAL 10 PSF FOR ADDED DEAD LOAD.

22 2. UNIFORM LIVE LOADS FOR PIERS SERVING ALL OTHER OCCUPANCIES SHALL BE
23 A MINIMUM OF 100 PSF.

24 **SECTION 1607.7.2.1 MINIMUM DESIGN FOR FIRE TRUCK AND EMERGENCY VEHICLES.**

25 MINIMUM STRUCTURAL DESIGN SHALL BE IN ACCORDANCE WITH BALTIMORE COUNTY
26 DESIGN MANUAL FOR HS25 OR HS27 HIGHWAY BRIDGE DESIGNS.

27 **SECTION 1607.12.2 MINIMUM ROOF LIVE LOADS.** ORDINARY ROOFS, EITHER FLAT,
28 PITCHED, OR CURVED, SHALL BE DESIGNED FOR THE LIVE LOADS AS SPECIFIED IN TABLE
29 1607.12 OR THE SNOW LOAD COMPUTED BY THE METHODS OF SECTION 1608, WHICHEVER
30 RESULTS IN THE GREATER DESIGN LOAD WITH NO REDUCTIONS IN LIVE LOADS
31 PERMITTED.

32 **SECTION 1607.12.2.1 RISK CATEGORY OF BUILDINGS MINIMUM ROOF LOADS.** RISK
33 CATEGORIES PER TABLE 1604.5 SHALL HAVE MINIMUM ROOF LOADS BY APPLYING RISK

1 CATEGORY IMPORTANCE FACTORS TO TABLE 1607.12 AND SECTION 1608 SNOW LOADS
2 WHICH EVER IS THE GREATER RESULTANT ROOF LOAD.

3 **TABLE 1607.12**
4 **MINIMUM ROOF LOADS**

5 ROOF SLOPE	6 LIVE LOAD (PSF)
7 FLAT/FLAT OR RISE < 4/12	30
8 PITCHED RISE 4/12 to <12/12	30
9 RISE 12/12 OR GREATER	30
10 ARCH OR DOME WITH RISE <1/8 SPAN	30
11 CURVED ARCH OR DOME WITH 1/8 SPAN TO <3/8 SPAN	30
12 ARCH OR DOME WITH RISE 3/8 SPAN OR GREATER	30

13 **SECTION 1607.12.3. OCCUPIABLE ROOFS.** AREAS OF ROOFS THAT ARE OCCUPIABLE,
14 SUCH AS ROOF GARDENS, OR FOR PUBLIC ASSEMBLY OR OTHER SIMILAR PURPOSES, AND
15 MARQUEES SHALL BE DESIGNED FOR MINIMUM LIVE LOAD AS REQUIRED IN TABLE
16 1607.10, WITH NO REDUCTION IN ROOF LOADS.

17 **SECTION 1607.12.3.1 LANDSCAPED ROOFS.** WHERE ROOFS ARE TO BE LANDSCAPED, THE
18 UNIFORM DESIGN LIVE LOAD IN THE LANDSCAPING AREA SHALL BE 30 PSF IN ADDITION
19 TO DESIGN LIVE LOADS REQUIRED BY TABLE 1607.12. THE WEIGHT OF THE LANDSCAPING
20 MATERIALS SHALL BE CONSIDERED AS DEAD LOAD AND SHALL BE COMPUTED ON THE
21 BASIS OF SATURATION OF THE SOIL.

22 **SECTION 1608 SNOW LOADS.**

23 **SECTION 1608.2.1 GROUND SNOW LOAD.** GROUND SNOW LOADS SHALL BE A MINIMUM
24 OF 30 POUNDS PER SQUARE FOOT.

25 **SECTION 1609 WIND LOADS.**

26 **SECTION 1609.3.2 BASIC WIND SPEED.** THE BASIC WIND SPEED IN BALTIMORE COUNTY
27 FOR DESIGN PURPOSES SHALL BE AS REQUIRED BY SECTION 1609.3 OR 1609.3.3
28 WHICHEVER RESULTS IN THE GREATER DESIGN WIND LOAD.

29 **SECTION 1609.3.3 MINIMUM DESIGN WIND LOADS.** WIND LOADS FOR ALL RISK
30 CATEGORIES SHALL BE AS FOLLOWS:

- 31 a. RISK CATEGORIES I AND II, 90 MPH (3-SECOND GUST) NOMINAL
- 32 b. RISK CATEGORIES III AND IV, 101 MPH (3-SECOND GUST) NOMINAL

33 **SECTION 1613 EARTHQUAKE LOADS.**

34 **SECTION 1613.3.2.1 MINIMUM SITE CLASS.** THE MINIMUM DESIGN SHALL BE SITE CLASS
35 B.

36 **CHAPTER 17 - SPECIAL INSPECTIONS AND TESTS.**

37 **SECTION 1705 REQUIRED VERIFICATION AND INSPECTIONS.**

1 **SECTION 1705.1.2 PROFESSIONAL SERVICES DURING CONSTRUCTION.** WHEN
2 REQUIRED, PROFESSIONAL SERVICES DURING CONSTRUCTION SHALL BE PERFORMED IN
3 ACCORDANCE WITH THE BALTIMORE COUNTY DATA SHEET WITH INSPECTION RESULTS
4 PROVIDED TO THE BUILDING INSPECTOR PRIOR TO FINAL INSPECTION.

5 **CHAPTER 18 - SOILS AND FOUNDATIONS.**

6 **SECTION 1804 EXCAVATION, GRADING AND FILL.**

7 **SECTION 1804.4.1 USE OF COMPACTED FILL AND 100 YEAR FLOODPLAIN.** A FOOTING
8 SHALL NOT BEAR ON COMPACTED FILL WHEN USED IN A 100 YEAR FLOODPLAIN OR
9 WHEN USED TO ELEVATE (REMOVE) A STRUCTURE OUT OF A 100 YEAR FLOODPLAIN.

10 **SECTION 1805 DAMP PROOFING AND WATERPROOFING.**

11 **SECTION 1805.4.2.1 FOUNDATION DRAINS USE GROUP R3 LOCATED INSIDE OF**
12 **FOOTING ONLY.** WHEN FOUNDATION DRAINS ARE PROVIDED ONLY ON THE INSIDE OF
13 THE FOOTING, WEEPHOLES SHALL BE PROVIDED ABOVE THE TOP OF THE FOOTING AND
14 BELOW THE BOTTOM OF THE FLOOR SLAB UNLESS AN ALTERNATE DESIGN IS CERTIFIED
15 BY AN ENGINEER AND APPROVED IN WRITING. IN A HOLLOW MASONRY WALL, THE
16 WEEPHOLES MAY BE CREATED IN THE WALL BY CREATING ½ INCH OPENING INTO THE
17 CORE OF THE BLOCK 16 INCHES ON CENTER IMMEDIATELY ABOVE THE FOOTING, OR IN
18 A Poured CONCRETE WALL BY CREATING OPENINGS AT LEAST 1 INCH IN DIAMETER NO
19 MORE THAN 6 FEET ON CENTER WITH A MINIMUM OF 6 INCHES OF GRAVEL AND A FILTER
20 FABRIC PLACED OVER THE GRAVEL BED TO PROTECT THE BED FROM CLOGGING. THE
21 SYSTEM SHALL ALSO COMPLY WITH THE BALTIMORE COUNTY PLUMBING AND
22 GASFITTING CODE.

23 **SECTION 1806.2.1 PRESUMPTIVE LOAD-BEARING VALUE.** THE MAXIMUM PRESUMPTIVE
24 LOAD-BEARING CAPACITY SHALL BE 2000 (PSF).

25 **SECTION 1807 FOUNDATION WALLS, RETAINING WALLS AND EMBEDDED POSTS AND**
26 **POLES.**

27 **SECTION 1807.1.6.2.2 BRICK LEDGE.** IF THE THICKNESS OF A FOUNDATION WALL IS
28 REDUCED TO ACCOMMODATE A BRICK LEDGE 2 FEET OR LESS FROM THE TOP OF THE
29 WALL, THE REDUCED WALL (CALLED A STEM WALL) SHALL NOT BE LESS THAN 3.5
30 INCHES THICK UNLESS VERIFIED BY A REGISTERED DESIGN PROFESSIONAL. WHERE THE
31 SECTION IS 4 INCHES THICK OR LESS, A MINIMUM OF ONE REINFORCING BAR AT TWO
32 FEET ON CENTER, THIRTY INCHES LONG SHALL BE PLACED AS CLOSE AS PRACTICAL TO
33 THE TENSION FACE AND EXTEND A MINIMUM OF TWELVE INCHES INTO BOTH SECTIONS
34 OF THE WALL. IF THE REDUCED WALL IS MORE THAN 2 FEET BELOW THE TOP OF THE

1 WALL, THE SECTION SHALL BE REINFORCED IN ACCORDANCE WITH A DESIGN PREPARED
2 BY A REGISTERED DESIGN PROFESSIONAL.

3 **SECTION 1807.1.6.2.3 JOIST LEDGE.** WHEN THE TOP OF AN UNREINFORCED FOUNDATION
4 WALL IS REDUCED IN THICKNESS TO PERMIT INSTALLATION OF FLOOR JOISTS, THE
5 REDUCED SECTION SHALL NOT BE MORE THAN 2 FEET HIGH AND NOT LESS THAN 3.5
6 INCHES THICK UNLESS VERIFIED BY A REGISTERED DESIGN PROFESSIONAL. WHEN THE
7 REDUCED SECTION IS 4 INCHES OR LESS IN THICKNESS, A MINIMUM OF ONE REINFORCING
8 BAR AT 2 FEET ON CENTER, THIRTY INCHES LONG SHALL BE PLACED AS CLOSE AS
9 PRACTICAL TO THE TENSION FACE AND EXTENDING TWELVE INCHES INTO BOTH
10 SECTIONS.

11 **TABLE 1807.1.6.3 (1) NOTE C.** SOLID GROUTED HOLLOW UNITS OR SOLID MASONRY UNITS.
12 FOR 7 FT. HEIGHT OF BACKFILL, HOLLOW 12 INCH BLOCK MAY BE USED PROVIDED THE
13 FOLLOWING CONDITIONS ARE MET:

14 1. THE FOUNDATION WALL DOES NOT EXCEED 8 FEET IN HEIGHT BETWEEN LATERAL
15 SUPPORTS;

16 2. THE TERRAIN SURROUNDING FOUNDATION WALLS IS GRADED SO AS TO DRAIN
17 SURFACE WATER AWAY FROM FOUNDATION WALLS;

18 3. BACKFILL IS DRAINED TO REMOVE GROUND WATER AWAY FROM FOUNDATION
19 WALLS;

20 4. LATERAL SUPPORT IS PROVIDED AT THE TOP OF THE FOUNDATION WALLS PRIOR
21 TO BACKFILLING;

22 5. THE LENGTH OF FOUNDATION WALL BETWEEN PERPENDICULAR MASONRY
23 WALLS OR PILASTERS DOES NOT EXCEED 24 FT.;

24 6. THE BACKFILL IS GRANULAR AND SOIL CONDITIONS IN THE AREA ARE
25 NON-EXPANSIVE; AND

26 7. MASONRY IS LAID IN RUNNING BOND USING TYPE M OR S MORTAR.

27 **SECTION 1807.1.6.3.1.1 EXCAVATING BASEMENTS UNDER AN EXISTING STRUCTURE.**

28 THE DESIGN OF FOUNDATION AND RETAINING WALLS NECESSARY TO EXCAVATE A
29 BASEMENT UNDER AN EXISTING R-3 STRUCTURE SHALL BE DESIGNED AND SEALED BY
30 AN ENGINEER REGISTERED IN THE STATE OF MARYLAND.

31 **EXCEPTION:** UNDER LIGHT FRAME CONSTRUCTION, WITH A MAXIMUM OF TWO STORIES,
32 PROFESSIONAL SERVICES MAY BE WAIVED BY THE CODE OFFICIAL WHEN DESIGNED IN
33 FULL ACCORDANCE WITH APPENDIX **FIGURE 107** STANDARD DESIGN DIAGRAM FOR
34 "TYPICAL WALL SECTION FOR EXCAVATED BASEMENT."

1 **SECTION 1807.2 RETAINING WALLS.** RETAINING WALLS SHALL BE DESIGNED IN
2 ACCORDANCE WITH SECTIONS 1807.2.1 THROUGH 1807.2.4.

3 **SECTION 1807.2.4 REGISTERED DESIGN PROFESSIONAL REQUIRED.** RETAINING WALLS
4 4 FEET OR GREATER IN HEIGHT FROM THE LOWEST POINT OF THE FINISHED GRADE SHALL
5 BE CONSTRUCTED IN ACCORDANCE WITH A DESIGN PREPARED BY A REGISTERED
6 DESIGN PROFESSIONAL. SUCH DESIGN AS WELL AS RETAINING WALL LOCATION SHALL
7 SATISFY THE STRUCTURAL DESIGN STANDARDS FOR FOUNDATIONS AND RETAINING
8 WALLS SET FORTH IN THE BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS DESIGN
9 MANUAL IN ADDITION TO ANY OTHER APPLICABLE PROVISIONS OF THIS CODE.

10 **SECTION 1809 SHALLOW FOUNDATIONS.**

11 **SECTION 1809.5 EXCEPTION 2 FROST PROTECTION.** AREA OF 400 SQUARE FEET OR
12 LESS OF ANY TYPE CONSTRUCTION; AND

13 **SECTION 1809.5.1 FROST DEPTH.** THE FROST DEPTH FOR FOOTING DESIGN IN BALTIMORE
14 COUNTY IS 30 INCHES BELOW FINISHED GRADE.

15 **SECTION 1809.5.1.2 FOOTING DEPTH POLE BUILDINGS AND SIMILAR STRUCTURES.** THE
16 MINIMUM DEPTH OF FOOTINGS FOR POLE BUILDINGS AND SIMILAR STRUCTURES SHALL
17 BE 48 INCHES BELOW FINISHED GRADE.

18 **CHAPTER 21 - MASONRY.**

19 **SECTION 2111 MASONRY FIREPLACES.**

20 **SECTION 2111.3.2 RELATION TO ADJACENT FOOTINGS.** UNLESS DESIGNED BY A
21 REGISTERED ENGINEER OR ARCHITECT, FOOTINGS FOR MASONRY CHIMNEYS OR FIRE
22 PLACES SHALL BE PLACED AT THE SAME ELEVATION AS THE FOUNDATION WALL
23 FOOTINGS.

24 **CHAPTER 23 - WOOD.**

25 **SECTION 2308 CONVENTIONAL LIGHT FRAME CONSTRUCTION.**

26 **SECTION 2308.3.1.1 SILL PLATE ATTACHMENT TO CENTER BEAM.** WHEN A WOODEN
27 PLATE RESTS ON A STEEL BEAM, IT MAY BE SECURED BY BOLTS, OR "SHOT" PROVIDING
28 THE WOOD IS NOT CRUSHED OR SPLIT. GLUING MUST BE PRE-APPROVED AND CERTIFIED
29 BY AN ENGINEER. CLIPS ARE ACCEPTABLE IF DESIGNED FOR THAT PURPOSE.

30 **CHAPTER 30 - ELEVATORS AND CONVEYING SYSTEMS.**

31 **SECTION 3001 GENERAL.**

32 **SECTION 3001.5 CERTIFICATE OF OCCUPANCY.** THE ISSUANCE OF CERTIFICATES OF
33 COMPLIANCE SHALL BE AS REQUIRED BY PUBLIC SAFETY ARTICLE, TITLE 12, SUBTITLE
34 8, ANNOTATED CODE OF MARYLAND, AS AMENDED.

1 **SECTION 3001.6 TESTS AND INSPECTIONS.** ALL EQUIPMENT AND DEVICES COVERED BY
2 THE PROVISIONS OF THIS CODE SHALL BE SUBJECTED TO ACCEPTANCE AND
3 MAINTENANCE TESTS AND PERIODIC INSPECTIONS AS DIRECTED BY THE COMMISSIONER
4 OF LABOR AND INDUSTRY OF THE STATE OF MARYLAND IN ACCORDANCE WITH THE
5 PUBLIC SAFETY ARTICLE, TITLE 12, SUBTITLE 8, OF THE ANNOTATED CODE OF
6 MARYLAND, AS AMENDED.

7 **SECTION 3001.7 EXISTING ELEVATORS.** ANY EXISTING ELEVATOR THAT IS REQUIRED
8 TO ACCOMMODATE AN AMBULANCE STRETCHER, REQUIRED FOR FIRE FIGHTER PHASE II
9 EMERGENCY IN CAR OPERATION, OR SERVES AS PART OF AN ACCESSIBLE ROUTE FOR
10 PERSONS WITH DISABILITIES SHALL BE MAINTAINED IN GOOD WORKING OPERATION AT
11 ALL TIMES THAT THE BUILDING IS OCCUPIED.

12 **CHAPTER 31 - SPECIAL CONSTRUCTION.**

13 **SECTION 3101 GENERAL.**

14 **SECTION 3108 RADIO AND TELEVISION TOWERS.**

15 **SECTION 3108.1.1 PERMITS AND STRUCTURAL.** A PERMIT SHALL BE REQUIRED FOR ALL
16 ROOF MOUNTED SATELLITE DISH ANTENNAE THAT ARE MORE THAN THREE FEET IN
17 DIAMETER. ALL ROOF-MOUNTED SATELLITE DISH ANTENNAE SHALL BE MOUNTED SO
18 AS TO BE STRUCTURALLY STABLE AND NOT PRESENT A DANGER TO THE PUBLIC.
19 SATELLITE DISH ANTENNAE SHALL ONLY BE MOUNTED ON A ROOF CAPABLE OF
20 SUPPORTING ANY IMPOSED LOADS THE DISH GENERATES.

21 **SECTION 3112 CIRCUSES & CARNIVALS.**

22 **SECTION 3112.1 SCOPE.** THIS SECTION IS INTENDED TO REGULATE CIRCUSES AND
23 CARNIVALS. THE WORDS OR EXPRESSIONS "CIRCUSES" AND "CARNIVALS" OR ANY WORD
24 OR WORDS USED IN THEIR PLACE SHALL MEAN ANY AND ALL USES OF PUBLIC OR
25 PRIVATE LAND, STREETS, LANES, OR ALLEYS FOR FETES, BAZAARS, CIRCUSES, STREET
26 CARNIVALS, CARNIVAL, FETES OR HORSEMANSHIP, ACROBATIC STUNTS, TRAINED
27 ANIMAL ACT, CLOWNING AND OTHER SIMILAR PERFORMANCES, MECHANICAL RIDES OR
28 OTHER DEVICES TO WHICH THE PUBLIC IS INVITED, AND SHALL INCLUDE THE USE OF
29 TEMPORARY STANDS OR FACILITIES FOR SELLING OR DISPENSING PRODUCTS FOR
30 HUMAN CONSUMPTION IN CONNECTION WITH THE FOREGOING.

31 **SECTION 3112.2 GENERAL REQUIREMENTS.** ANY PERSON WISHING TO OPERATE A
32 CARNIVAL OR CIRCUS IN BALTIMORE COUNTY SHALL FILE WITH THE BUILDING OFFICIAL
33 A PERMIT APPLICATION AT LEAST THIRTY DAYS PRIOR TO THE INTENDED OPENING DATE
34 OF THE CIRCUS OR CARNIVAL. THE BUILDING OFFICIAL SHALL REQUIRE EACH

1 APPLICANT TO INCLUDE IN THE APPLICATION A STATEMENT WHETHER OR NOT
2 MECHANICAL RIDES OR DEVICES ARE TO BE USED IN CONNECTION WITH THE CIRCUS OR
3 CARNIVAL. IN THE EVENT THE APPLICANT INTENDS TO PROVIDE MECHANICAL RIDES OR
4 DEVICES AT THE CIRCUS OR CARNIVAL, THE PERSON SUPPLYING THESE MECHANICAL
5 RIDES OR DEVICES SHALL FURNISH, PRIOR TO THE ISSUANCE OF THE PERMIT,
6 SATISFACTORY EVIDENCE OF INSURANCE IN AN AMOUNT THE CODE OFFICIAL
7 DETERMINES SUFFICIENT TO INSURE THE APPLICANT AGAINST ANY LIABILITY FOR
8 DAMAGE, INCLUDING DEATH, OR INJURY TO PERSONS, AND DAMAGE TO PROPERTY DUE
9 TO FAULTY EQUIPMENT OR NEGLIGENCE. THE SUPPLIER OF THE RIDES OR MECHANICAL
10 DEVICES SHALL ALSO INDEMNIFY THE COUNTY AGAINST ANY SUIT OR SUITS, LOSS,
11 CLAIM, DAMAGES, OR EXPENSE TO WHICH THE COUNTY MAY BE SUBJECTED BY REASON
12 OF ANY DAMAGE TO PROPERTY OR PERSON, INCLUDING DEATH, INJURY TO THE PUBLIC
13 HIGHWAYS AND OTHER PUBLIC PROPERTY DONE IN CONNECTION WITH THE
14 TRANSPORTATION, ERECTION, OPERATION, MAINTENANCE AND SUPERVISION OF THE
15 MECHANICAL RIDES OR DEVICES.

16 IN ADDITION, THE BUILDING OFFICIAL SHALL REQUIRE THE APPLICANT TO FURNISH
17 PROOF OF FINANCIAL RESPONSIBILITY IN THE FORM OF A WRITTEN CERTIFICATE FROM
18 AN INSURANCE CARRIER AUTHORIZED TO TRANSACT BUSINESS IN THE STATE OF
19 MARYLAND, WHICH STATES THAT THE APPLYING CIRCUS OR CARNIVAL IS INSURED
20 AGAINST ANY LEGAL LIABILITY, OTHER THAN THAT COVERED BY THE IMMEDIATELY
21 PRECEDING PARAGRAPH, CAUSED BY ACCIDENTS OR OTHERWISE, AND RESULTING IN
22 INJURIES TO OR DEATH OF PERSONS, AND INJURIES TO OR DESTRUCTION OF PROPERTY,
23 PUBLIC OR OTHERWISE, AS A CONSEQUENCE OF THE OWNERSHIP, OPERATION,
24 MAINTENANCE, OR ANY OTHER FACET OF THE CIRCUS OR CARNIVAL.

25 THE PROOF OF FINANCIAL RESPONSIBILITY SHALL BE PROVIDED IN AN AMOUNT WHICH,
26 IN THE JUDGMENT OF THE BUILDING OFFICIAL, WILL ADEQUATELY PROTECT THE
27 PUBLIC.

28 IF THE APPLICANT IS A NON-RESIDENT OF BALTIMORE COUNTY, THE APPLICANT AND
29 THE APPLICANT'S INSURANCE CARRIER SHALL EXECUTE A POWER OF ATTORNEY
30 AUTHORIZING THE BUILDING OFFICIAL, ON THEIR BEHALF, TO ACCEPT SERVICE OF
31 NOTICES, PROCESSES AND ANY ACTION ARISING OUT OF THE OWNERSHIP, OPERATION,
32 MAINTENANCE OR ANY OTHER FACET OF THE CIRCUS OR CARNIVAL WHILE IT IS WITHIN
33 THE CONFINES OF BALTIMORE COUNTY. IF A NON-RESIDENT CORPORATION APPLIES FOR
34 A PERMIT, THE BUILDING OFFICIAL SHALL ISSUE A PERMIT SO LONG AS THE NON-

1 RESIDENT CORPORATION COMPLIES WITH ALL CONDITIONS HEREIN CONTAINED, AND
2 SUBMITS WITH ITS APPLICATION A CERTIFICATE FROM THE DEPARTMENT OF
3 ASSESSMENTS AND TAXATION, STATE OF MARYLAND, CERTIFYING THAT THE NON-
4 RESIDENT CORPORATION IS A DULY CONSTITUTED CORPORATION AUTHORIZED TO DO
5 BUSINESS IN THE STATE OF MARYLAND. EVERY APPLICATION TO HOLD A CIRCUS OR
6 CARNIVAL SHALL BE SIGNED BY A RESPONSIBLE PERSON OR OFFICIAL ACTING FOR THE
7 APPLICANT. SUCH APPLICATION SHALL BE FORTHWITH REFERRED TO THE BALTIMORE
8 COUNTY POLICE DEPARTMENT, HIGHWAYS ENGINEER, FIRE DEPARTMENT, COUNTY
9 HEALTH OFFICER, TRAFFIC ENGINEERING AND THE ZONING COMMISSIONER FOR THEIR
10 RECOMMENDATIONS. IN THE EVENT ANY REVIEWING AGENCY DISAPPROVES SUCH
11 APPLICATION, THE PERMIT SHALL NOT BE GRANTED, AND A COPY OF THE APPLICATION
12 DENIAL SHALL BE SENT TO THE CHIEF OF POLICE. THE BUILDING OFFICIAL MAY ISSUE A
13 PROPER PERMIT AFTER CONSIDERATION OF THE RECOMMENDATIONS OF THE ABOVE
14 NAMED AGENCIES. UPON THE ISSUANCE OF EVERY SUCH PERMIT, THE BUILDING
15 OFFICIAL SHALL IMMEDIATELY SEND A COPY OF ALL SUCH PERMITS TO THE AGENCIES
16 SET FORTH ABOVE. A PROPER PERMIT SHALL BE SECURED FROM THE BUILDING OFFICIAL
17 BEFORE STARTING TO SET UP ANY STRUCTURES, APPLIANCES OR EQUIPMENT FOR SUCH
18 PURPOSES. THE CHIEF OF POLICE SHALL KEEP A CLOSE WATCH UPON ANY SUCH CIRCUS
19 OR CARNIVAL IN OPERATION IN ORDER TO DETERMINE WHETHER ANY OF THE
20 REGULATIONS OF BALTIMORE COUNTY OR THE STATE OF MARYLAND ARE BEING
21 VIOLATED.

22 **SECTION 3112.3 LAYOUT.** EVERY CIRCUS OR CARNIVAL SHALL BE LAID OUT SO THAT:

23 1. MAIN AISLE OR CONCOURSE EXTENDS ENTIRELY THROUGH THE CIRCUS OR
24 CARNIVAL, OPEN AT BOTH ENDS ON A STREET OR OTHER PUBLIC WAY LEADING TO A
25 STREET NOT LESS THAN 30 FEET WIDE. THIS AISLEWAY SHALL BE NOT LESS THAN TEN
26 FEET WIDE FOR A LENGTH OF 100 FEET, AND INCREASED NOT LESS THAN 2 ½ FEET IN
27 WIDTH FOR EACH 100 FEET OR FRACTION THEREOF OF ADDITIONAL LENGTH.

28 2. SIDE OR BRANCH AISLEWAYS OPEN AT BOTH ENDS SHALL BE NOT LESS THAN SIX
29 FEET IN WIDTH FOR A DISTANCE OF 50 FEET, AND FOR EACH ADDITIONAL LENGTH OF 50
30 FEET, OR FRACTION OF THE BRANCH AISLEWAY, NOT LESS THAN ONE FOOT SHALL BE
31 ADDED TO ITS WIDTH.

32 **SECTION 3112.4 CIRCUS AND CARNIVAL STRUCTURES.**

33 **SECTION 3112.4.1 TENTS AND OTHER STRUCTURES.** ALL TENTS IN CONNECTION WITH
34 ANY CIRCUS OR CARNIVAL SHALL CONFORM TO ALL THE REQUIREMENTS FOR THE

1 TENTS IN SECTIONS 3102 AND 3103 OF THIS CODE. PERMANENT STRUCTURES SHALL
2 CONFORM TO ALL APPLICABLE PROVISIONS IN THIS CODE RELATING TO PERMANENT
3 STRUCTURES. EVERY TENT AND OTHER STRUCTURE IN CONNECTION WITH A CIRCUS OR
4 CARNIVAL SHALL BE PROVIDED WITH ADEQUATE EXITS. THE WIDTH AND NUMBER OF
5 THE EXITS AND MEANS OF EGRESS SHALL BE BASED UPON THE GENERAL REQUIREMENTS
6 FOR EXITS AND MEANS OF EGRESS IN ASSEMBLY STRUCTURES. ALL EXITS AND
7 AISLEWAYS OF EVERY CIRCUS AND CARNIVAL SHALL BE WELL LIGHTED AT ALL TIMES
8 WHEN SUCH PLACES ARE OCCUPIED.

9 **SECTION 3112.4.2 MECHANICAL RIDES AND DEVICES.** NO MERRY-GO-ROUND, FERRIS
10 WHEEL, WHIPS OR OTHER MECHANICAL DEVICE SHALL BE OPERATED WITHOUT A
11 PERMIT FROM THE BUILDING OFFICIAL. ALL MECHANICAL DEVICES SHALL BE DESIGNED,
12 CONSTRUCTED AND ERECTED IN ACCORDANCE WITH THIS CODE.

13 **SECTION 3112.4.3 CONCESSION STANDS.** THE CONCESSION STANDS SHALL BE OF
14 STANDARD PREFABRICATED CONSTRUCTION OR OF SPECIAL CONSTRUCTION APPROVED
15 BY THE BUILDING OFFICIAL FOR A PARTICULAR PURPOSE.

16 **SECTION 3112.5 ELECTRICAL AND MECHANICAL REQUIREMENTS.** ALL ELECTRICAL
17 AND MECHANICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THIS CODE.

18 **SECTION 3112.6 MAINTENANCE AND OPERATION.** EVERY CIRCUS OR CARNIVAL SHALL
19 BE PROPERLY MAINTAINED AND OPERATED SO AS NOT TO CAUSE A HAZARD OR INJURY
20 TO LIFE OR PROPERTY.

21 **SECTION 3113 ADDITIONAL REQUIREMENTS FOR EXCAVATING AND EXCAVATIONS.**

22 **SECTION 3113.1 QUARRY HOLES AND ABANDONED EXCAVATIONS.**

23 1. ABANDONED EXCAVATIONS SHALL BE FILLED, FENCED, OR REHABILITATED IN
24 COMPLIANCE WITH A VALID BUILDING PERMIT.

25 2. QUARRY HOLES SHALL INCLUDE ANY AND ALL QUARRIES, WHETHER ACTIVE,
26 INACTIVE OR ABANDONED, AS WELL AS ANY OTHER SIMILAR EXCAVATED HOLE OR
27 DEPRESSIONS IN THE EARTH.

28 3. PROTECTION OF QUARRY HOLES: THE OWNER OF PROPERTY ON WHICH
29 QUARRY HOLES EXIST SHALL BE RESPONSIBLE TO COMPLETELY ENCLOSE THE HOLES
30 WITH FENCES HAVING NO OPENINGS THROUGH WHICH A FOUR (4) INCH DIAMETER BALL
31 CAN PASS. THE FENCE SHALL HAVE A MINIMUM HEIGHT OF 6 FEET AND 9 INCHES PLUS
32 THREE STRANDS OF BARBED WIRE. ALL FENCES SHALL BE PROVIDED WITH ONE GATE
33 OR MORE, AND ALL GATES SHALL BE KEPT CLOSED AND SECURELY LOCKED EXCEPT
34 WHEN AN AUTHORIZED PERSON IS ON THE PREMISES. THE BUILDING OFFICIAL,

1 HOWEVER, MAY PERMIT ANY WALLS OF A BUILDING OR OTHER STRUCTURE, INCLUDING
2 RETAINING WALLS, OR OTHER BARRIERS, TO SERVE AS A PART OF ALL OF THE REQUIRED
3 ENCLOSURE AROUND ANY QUARRY HOLE IF THE WALLS OR BARRIERS ADEQUATELY
4 PROTECT THE QUARRY HOLE TO THE SAME EXTENT AS A FENCE WOULD IN OTHER
5 CIRCUMSTANCES DESCRIBED IN THIS SECTION.

6 4. MAINTENANCE. THE OWNER OF EVERY QUARRY HOLE SHALL MAINTAIN AND
7 KEEP IN REPAIR ALL REQUIRED FENCES AND OTHER BARRIERS PROTECTING ANY
8 QUARRY HOLE SO THAT SUCH FENCES AND OTHER BARRIERS WILL ALWAYS BE IN A SAFE
9 AND SECURE CONDITION.

10 **SECTION 3113.2 BACKFILLING QUARRY HOLES AND ABANDONED EXCAVATIONS.**

11 IN ALL CASES, BACKFILLING SHALL BE DONE WITH MATERIAL FREE FROM WOOD,
12 RUBBISH, OR OTHER SIMILAR MATERIAL WHICH IS SUBJECT TO DECAY. THE BACKFILL
13 MATERIAL SHALL BE THOROUGHLY COMPACTED. CONCENTRATED LOADS OF ANY TYPE,
14 SUCH AS EQUIPMENT, SHALL NOT SURCHARGE ANY WALL IN THE IMMEDIATE AREAS OF
15 BACKFILLING. THESE LOADS SHALL BE REMOVED FROM THE WALL A DISTANCE EQUAL
16 TO THE WALL'S HEIGHT AS MEASURED FROM THE TOP OF THE BACKFILL.

17 **SECTION 3113.3 DISPOSAL OF EXCAVATED MATERIALS.** EARTH, ROCK OR OTHER
18 MATERIALS, IN GRADING, OR TAKEN FROM EXCAVATIONS OR TAKEN OR REMOVED
19 FROM ANY OTHER SIMILAR OPERATIONS, AND WHICH IS NOT NEEDED FOR FILLING OR
20 BACKFILLING ON THE PREMISES FROM WHICH THEY HAVE BEEN REMOVED, SHALL BE
21 HAULED AWAY AND BE DISPOSED OF AT SOME POINT WHERE THEIR DISPOSAL IS
22 ALLOWED AND WHERE A VALID PERMIT EXISTS TO ALLOW DUMPING AND GRADING.
23 EARTH, ROCK, RUBBISH OR OTHER MATERIAL REMOVED FROM ANY PREMISES SHALL
24 NOT BE STORED UPON ANY TRAVELED FOOTWAY, OR ROADWAY OR ANY STREET, ALLEY
25 OR OTHER PUBLIC WAY.

26 **APPENDIX C- AGRICULTURAL BUILDINGS.**

27 **SECTION C102 ALLOWABLE HEIGHT AND AREA.**

28 **SECTION C102.2 ONE-STORY UNLIMITED AREA.** THE AREA OF A ONE-STORY GROUP U
29 AGRICULTURAL BUILDING OF TYPE I, II, III, OR IV CONSTRUCTION SHALL NOT BE LIMITED
30 IF THE BUILDING IS SURROUNDED AND ADJOINED BY PUBLIC WAYS OR YARDS NOT LESS
31 THAN 60 FEET IN WIDTH. UNSPRINKLERED ONE-STORY GROUP U AGRICULTURAL
32 BUILDINGS OF TYPE V CONSTRUCTION SHALL BE LIMITED TO 12,000 SQUARE FEET IN
33 AREA.

1 **PART 300. INTERNATIONAL RESIDENTIAL BUILDING CODE.** THIS PART SETS FORTH
2 ADDITIONS TO, AMENDMENTS TO, AND DELETIONS FROM THE INTERNATIONAL
3 RESIDENTIAL BUILDING CODE, 2015 EDITION, IN ACCORDANCE WITH BILL 40-15, THE
4 BUILDING CODE OF BALTIMORE COUNTY.

5 **PART 301.** THE FOLLOWING CHAPTER SECTIONS OF THE INTERNATIONAL RESIDENTIAL
6 BUILDING CODE, 2015 EDITION, ARE DELETED: R105.2; R108.5; R302.3; R309.1; R403.1.4.1;
7 TABLE R404.1.1 (1); M1601.1.1.5 , P2901; P2902; P2903; AG101.2, AG101.2.1, AG101.2.2; CHAPTER
8 25 PLUMBING ADMINISTRATION; CHAPTER 27 PLUMBING FIXTURES; CHAPTER 28 WATER
9 HEATERS; CHAPTER 30 SANITARY DRAINAGE; CHAPTER 31 VENTS; CHAPTER 32 TRAPS;
10 CHAPTER 33 STORM DRAINAGE; PART VIII ELECTRICAL.

11 **PART 302.** THE FOLLOWING CHAPTERS AND SECTIONS, COLLECTIVELY REFERRED TO AS
12 THE LOCAL AMENDMENTS TO THE INTERNATIONAL RESIDENTIAL BUILDING CODE, 2015
13 EDITION, ARE ADDED HEREIN BELOW.

14 **CHAPTER 1. SCOPE AND ADMINISTRATION.**

15 **SECTION R101.2 SCOPE** – AFTER ACCESSORY STRUCTURES DELETE (NOT MORE THAN
16 THREE STORIES ABOVE GRADE PLANE IN HEIGHT) AND SUBSTITUTE THE FOLLOWING: A
17 STRUCTURE NOT GREATER THAN 3,000 SQUARE FEET IN FLOOR AREA, AND NOT OVER
18 TWO STORIES IN HEIGHT, THE USE OF WHICH IS CUSTOMARILY ACCESSORY TO AND
19 INCIDENTAL TO THAT OF THE DWELLING(S) AND WHICH IS LOCATED ON THE SAME LOT.

20 **SECTION R101.2.1 ATTICS LOCATED ABOVE A THIRD STORY.** ATTICS LOCATED ABOVE
21 A THIRD STORY SHALL COMPLY WITH THE FOLLOWING:

22 1. UNFINISHED ATTICS LOCATED ABOVE A THIRD STORY OF A ONE AND TWO FAMILY
23 DWELLING ACCESSED IN ACCORDANCE R807 WITHOUT FIXED IN PLACE STAIRS AND
24 USED FOR LIMITED STORAGE OR UTILITIES ONLY SHALL NOT BE CONSIDERED A STORY.

25 2. ATTICS USED FOR OR CONVERTED TO LIVING SPACE OR ACCESS BY FIXED IN
26 PLACED STAIRS SHALL BE CONSIDERED A STORY AND SUBJECT TO COMPLIANCE WITH
27 THE PROVISIONS OF THE INTERNATIONAL BUILDING CODE, INCLUDING COMPLETE
28 AUTOMATIC SPRINKLER PROTECTION THROUGHOUT THE STRUCTURE IN COMPLIANCE
29 WITH TABLE 503 AND SECTION 903.

30 3. FOR THE PURPOSE OF THIS SECTION, A LOFT IS CONSIDERED A MEZZANINE AND
31 NOT A STORY IF IT IS NO MORE THAN 1/3 OF THE FLOOR AREA OF THE ROOM BELOW.

32 **SECTION R106 CONSTRUCTION DOCUMENTS.**

1 **SECTION R106.1.5 REGISTERED DESIGN PROFESSIONAL SEAL REQUIRED.** SUBMITTED
2 PLANS MEETING THE FOLLOWING SHALL BE SEALED BY A REGISTERED DESIGN
3 PROFESSIONAL LICENSED BY THE STATE OF MARYLAND:

4 1. CONSTRUCTION THAT UTILIZES STEEL FRAMING PURSUANT TO ANY OF THE
5 FOLLOWING CODE SECTIONS, R505, R603 OR R804.

6 2. CONSTRUCTION THAT EXCEEDS 3000 SQ. FT GROSS FLOOR AREA, EXCLUDING ONE
7 STORY GARAGES.

8 3. PERMANENT PLANS – MASTER SET OF CONSTRUCTION DRAWINGS UTILIZED TO
9 OBTAIN MULTIPLE BUILDING PERMITS WITHOUT PROVIDING ADDITIONAL SETS OF
10 CONSTRUCTION PLANS FOR EACH ADDITIONAL BUILDING PERMIT.

11 **SECTION R106.1.3.1 WALL BRACING.** SEALED CONSTRUCTION DOCUMENTS SHALL
12 CLEARLY SHOW REQUIRED WALL BRACING AND COMPLIANCE WITH SECTION R602.10.

13 **SECTION R202 DEFINITIONS.** REPLACE THE DEFINITION OF ACCESSORY STRUCTURE
14 WITH THE FOLLOWING: A STRUCTURE NOT GREATER THAN 3,000 SQUARE FEET IN FLOOR
15 AREA, AND NOT OVER TWO STORIES IN HEIGHT, THE USE OF WHICH IS CUSTOMARILY
16 ACCESSORY TO AND INCIDENTAL TO THAT OF THE DWELLING(S) AND WHICH IS LOCATED
17 ON THE SAME LOT.

18 **SECTION R301 DESIGN CRITERIA.**

19 **TABLE 301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA.** THE FOLLOWING
20 CLIMATIC AND GEOGRAPHICAL DESIGN CRITERIA SHALL BE USED IN BALTIMORE
21 COUNTY: GROUND SNOW LOAD – 30 PSF; ROOF SNOW LOAD- 30PSF WITH NO REDUCTION
22 FOR ROOF SLOPE; ULTIMATE WIND SPEED- 115 MPH; SEISMIC DESIGN CATEGORY- B;
23 WEATHERING- SEVERE; FROST LINE DEPTH- 30 INCHES; TERMITE- MODERATE TO HEAVY,
24 WOOD DECAY- MODERATE TO SEVERE; WINTER DESIGN TEMP- 13F; ICE BARRIER
25 UNDERLAYMENT REQUIRED –YES; PRESUMING LOAD-BEARING VALUE OF SOILS 2000
26 (PSF).

27 **SECTION R302 FIRE-RESISTANT CONSTRUCTION.**

28 **SECTION R302.2.5 DECK AND PORCH SETBACK FROM PROPERTY LINES.** DECKS AND
29 PORCH SETBACK FROM PROPERTY LINES SHALL COMPLY WITH THE FOLLOWING:

30 1. OPEN DECKS AND PORCHES SHALL HAVE A MINIMUM SETBACK FROM
31 ADJACENT PROPERTY LINES OF FOUR INCHES.

32 **EXCEPTION:** FOR OPEN, ONE STORY DECK, THE DECK AND/OR ITS ROOF MAY BE
33 CONTINUOUS ACROSS PROPERTY LINES PROVIDED IT IS ALLOWED BY ZONING
34 REGULATIONS AND AGREED TO BY ADJOINING PROPERTY OWNERS IN WRITING.

1 2. ENCLOSED DECKS OR PORCHES WITH EXTERIOR WALLS LOCATED WITHIN 5
2 FEET OF A PROPERTY LINE SHALL COMPLY WITH THE PROVISIONS OF SECTION R302.
3 DRAFTSTOPPING SHALL BE PROVIDED AT THE GABLE ENDS OF ANY ROOF STRUCTURE
4 WITHIN 3 FEET OF THE PROPERTY LINE AND OVER 20 FEET LONG. DRAFTSTOPPING SHALL
5 ALSO BE PROVIDED AT THE PROPERTY LINE WHERE A ROOF IS CONTINUOUS ACROSS A
6 PROPERTY LINE. DRAFTSTOPPING MATERIAL SHALL CONSIST OF MINIMUM DRYWALL OF
7 ½ INCH THICKNESS, SHEET METAL, OR FIRE RETARDANT TREATED PLYWOOD.

8 **SECTION R302.3 TWO-FAMILY DWELLINGS.** DWELLING UNITS IN TWO-FAMILY
9 DWELLINGS SHALL BE SEPARATED FROM EACH OTHER BY WALL AND/OR FLOOR
10 ASSEMBLIES HAVING NOT LESS THAN A 1-HOUR FIRE-RESISTANCE RATING WHEN TESTED
11 IN ACCORDANCE WITH ASTM E 119. FIRE-RESISTANCE-RATED FLOOR-CEILING AND WALL
12 ASSEMBLIES SHALL EXTEND TO AND BE TIGHT AGAINST THE EXTERIOR WALL, AND
13 WALL ASSEMBLIES SHALL EXTEND TIGHT TO THE UNDERSIDE OF THE ROOF SHEATHING.

14 **SECTION R302.2.6. ENCLOSED SPACES UNDER DECKS AND PORCHES LOCATED WITHIN**
15 **5 FEET OF A PROPERTY LINE.** ENCLOSED SPACES UNDER DECKS AND PORCHES WITH A
16 CLEAR HEIGHT OF 5 FEET OR MORE AND LOCATED 5 FEET OR LESS FROM A PROPERTY
17 LINE SHALL HAVE A FIRE RESISTIVE RATING IN ACCORDANCE WITH TABLE R302.1 FOR
18 EXTERIOR WALLS. THIS PROVISION SHALL NOT APPLY TO THOSE PORTIONS OF A WALL
19 AT RIGHT ANGLES TO THE PROPERTY LINE.

20 **SECTION R309.1 FLOOR SURFACE.** GARAGE FLOOR SURFACES SHALL BE OF APPROVED
21 NONCOMBUSTIBLE MATERIAL. THE AREA OF FLOOR USED FOR PARKING VEHICLES
22 SHALL BE SLOPED AT LEAST 1/8 INCH PER FOOT TOWARD THE MAIN VEHICLE ENTRY
23 DOORWAY. FLOOR DRAINS SHALL BE PROHIBITED.

24 **SECTION R310 EMERGENCY ESCAPE AND RESCUE OPENINGS.**

25 **SECTION R310.2.2 WINDOW WELL DRAIN REQUIRED.** WINDOW WELLS SHALL BE
26 EQUIPPED WITH AN APPROVED DRAIN TO PROPERLY COLLECT WATER AND SHALL BE
27 CONNECTED TO A FOUNDATION DRAINAGE SYSTEM ARRANGED IN ACCORDANCE WITH
28 SECTION R405.

29 **SECTION R315 CARBON MONOXIDE ALARMS.**

30 **SECTION R315.2 WHERE REQUIRED IN EXISTING DWELLINGS.**

31 **EXCEPTION: NON-ENCLOSED EXTERIOR DECKS.**

32 **SECTION R327 SOUND TRANSMISSION.** THE REQUIREMENT OF APPENDIX K SHALL APPLY
33 TO THE CONSTRUCTION OF ALL NEW RESIDENTIAL BUILDINGS AND ADDITIONS.

34 **SECTION R403 FOOTINGS.**

1 **SECTION R403.1.1.1. MINIMUM THICKNESS:** THE MINIMUM THICKNESS OF FOOTINGS
2 SPECIFIED IN TABLES R403.1.(1) THROUGH R403.1.(3) SHALL BE EIGHT (8) INCHES UNLESS
3 A GREATER THICKNESS IS SPECIFIED.

4 **SECTION R403.1.4.1 FROST PROTECTION.** EXCEPT WHERE OTHERWISE PROTECTED FROM
5 FROST, FOUNDATION WALLS, PIERS AND OTHER PERMANENT SUPPORTS OF BUILDINGS
6 AND STRUCTURES SHALL BE PROTECTED FROM FROST BY ONE OR MORE OF THE
7 FOLLOWING METHODS:

- 8 1. EXTENDED BELOW THE FROST LINE SPECIFIED IN TABLE R301.2.(1);
- 9 2. CONSTRUCTING IN ACCORDANCE WITH SECTION R403.3;
- 10 3. CONSTRUCTING IN ACCORDANCE WITH ASCE 32; OR
- 11 4. ERECTED ON SOLID ROCK.

12 **EXCEPTION:** FROST PROTECTION OF FREESTANDING ACCESSORY STRUCTURES
13 WITH AN AREA OF 400 SQUARE FEET OR LESS, OF LIGHT-FRAME CONSTRUCTION,
14 WITH AN EAVE HEIGHT OF 10 FEET OR LESS SHALL NOT BE REQUIRED.

15 **SECTION R404 SPECIAL RULES FOR FOUNDATION WALLS.**

16 **RULE 1:** ALL FOUNDATION WALLS SHALL MEET THE FOLLOWING REQUIREMENTS:

- 17 A. WALL HEIGHT DOES NOT EXCEED 8 FEET BETWEEN LATERAL SUPPORTS.
- 18 B. THE FINISHED GROUND ADJACENT TO THE WALL SHALL BE GRADED SO THAT
19 SURFACE WATER DRAINS A WAY FROM THE WALL.
- 20 C. PERMANENT LATERAL SUPPORT SHALL BE PROVIDED AT THE TOP OF THE
21 WALL PRIOR TO BACKFILLING.

22 **RULE 2:** ALL UNFILLED HOLLOW CORE MASONRY BLOCK WALLS SHALL MEET THE
23 FOLLOWING REQUIREMENTS.

- 24 A. THE MAXIMUM WALL LENGTH BETWEEN PERPENDICULAR WALLS OR
25 PILASTERS SHALL NOT EXCEED 3 TIMES THE WALL HEIGHT.
- 26 B. THE BACKFILL SHALL BE COMPOSED OF WELL-DRAINED SOILS IN
27 ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM.
- 28 C. MASONRY SHALL BE LAID IN RUNNING BOND USING TYPE "M" OR "S" MORTAR.

29 **RULE 3:** FOUNDATION WALLS MAY BE ERECTED IN COMPLIANCE WITH TABLE R404A,
30 BELOW:

Table R404A		
THICKNESS OF FOUNDATION WALLS AND ALLOWABLE BACKFILL DEPTH		
Foundation Wall	Thickness	Maximum Depth of

Construction	(Inches)	Unbalance Backfill (Feet) Below Grade
Hollow, UngROUTED	8	4
Masonry	10	5
Block	12	6
Non-reinforced Concrete	8	7
And Grouted Masonry	10	8
Hollow Block	12	8

11
12 **SECTION R404.1.3.1 EXCAVATING BASEMENTS UNDER AN EXISTING STRUCTURE.** THE
13 DESIGN OF FOUNDATION AND RETAINING WALLS NECESSARY TO EXCAVATE A
14 BASEMENT UNDER AN EXISTING STRUCTURE SHALL BE DESIGNED AND SEALED BY AN
15 ENGINEER REGISTERED IN THE STATE OF MARYLAND.

16 **EXCEPTION:** UNDER LIGHT FRAME CONSTRUCTION, WITH A MAXIMUM OF TWO STORIES,
17 SEALED ENGINEERED DESIGN MAY BE WAIVED BY THE CODE OFFICIAL WHEN DESIGNED
18 IN FULL ACCORDANCE WITH APPENDIX **FIGURE 107** STANDARD DESIGN DIAGRAM FOR
19 “TYPICAL WALL SECTION FOR EXCAVATED BASEMENT”.

20 **SECTION R405 FOUNDATION DRAINAGE.**

21 **SECTION R405.1.2 FOUNDATION DRAINS LOCATED INSIDE OF FOOTING ONLY.** WHEN
22 FOUNDATION DRAINS ARE PROVIDED ONLY ON THE INSIDE OF THE FOOTING,
23 WEEPHOLES SHALL BE PROVIDED ABOVE THE TOP OF THE FOOTING AND BELOW THE
24 BOTTOM OF THE FLOOR SLAB UNLESS AN ALTERNATE DESIGN IS CERTIFIED BY AN
25 ENGINEER AND APPROVED IN WRITING. IN A HOLLOW MASONRY WALL, THE WEEPHOLES
26 MAY BE CREATED IN THE WALL BY CREATING ½ INCH OPENINGS INTO THE CORE OF THE
27 BLOCK 16 INCHES ON CENTER IMMEDIATELY ABOVE THE FOOTING, OR IN A POURED
28 CONCRETE WALL BY CREATING OPENINGS AT LEAST 1 INCH IN DIAMETER NO MORE
29 THAN 6 FEET ON CENTER WITH A MINIMUM OF 6 INCHES OF GRAVEL AND A FILTER
30 FABRIC PLACED OVER THE GRAVEL BED TO PROTECT THE BED FROM CLOGGING. THE
31 SYSTEM SHALL ALSO BE IN ACCORDANCE WITH THE BALTIMORE COUNTY PLUMBING
32 AND GASFITTING CODE.

33 **SECTION R406 FOUNDATION AND WATERPROOFING AND DAMP PROOFING.**

34 **SECTION R406.1.1 CRAWL SPACE FOUNDATION DRAINAGE.** WHEN CRAWL SPACE
35 FOUNDATIONS HAVE AT LEAST ONE WALL WHERE THE FINISHED EXTERIOR GRADE IS
36 HIGHER THAN THE INTERIOR CRAWL SPACE GRADE, FOUNDATION DAMP PROOFING IS
37 REQUIRED AS DESCRIBED IN SECTION R406.1. IF THE INTERIOR GRADE OF THE CRAWL

1 SPACE IS LOWER THAN THE EXTERIOR GRADE TILE, A SUMP PUMP OR GRAVITY DRAIN IS
2 REQUIRED.

3 **SECTION R408 UNDER-FLOOR SPACE.**

4 **SECTION R408.4.1 CRAWL SPACE ACCESS:** IN ORDER TO FACILITATE ACCESS TO THE
5 CRAWL SPACE AREA A MINIMUM CLEARANCE OF 18 INCHES SHALL BE PROVIDED,
6 MEASURED FROM THE BOTTOM OF THE FLOOR JOIST TO THE INTERIOR GRADE OF THE
7 CRAWL SPACE.

8 **SECTION R903.4 ROOF DRAINAGE.**

9 **SECTION R903.4.2 DRAINAGE OF WATER FROM ADJACENT ROOFS.** A SYSTEM FOR THE
10 COLLECTION AND DISCHARGE OF RAIN WATER FROM A ROOF SHALL BE DESIGNED TO
11 PREVENT THE COLLECTING AND DISCHARGED OF RAIN WATER OVER A PROPERTY LINE
12 FROM ADJACENT ROOFS UNLESS THERE IS AN EASEMENT WHICH PROVIDES FOR A
13 COMBINATION SYSTEM.

14 **SECTION R1003 MASONRY CHIMNEYS.**

15 **SECTION R1003.2.2 MASONRY FIREPLACE/CHIMNEY FOOTINGS.** UNLESS DESIGNED BY
16 A REGISTERED ENGINEER OR ARCHITECT, FOOTINGS FOR MASONRY CHIMNEYS OR FIRE
17 PLACES SHALL BE PLACED AT THE SAME ELEVATION AS THE FOUNDATION WALL
18 FOOTINGS.

19 **CHAPTER 11 - ENERGY EFFICIENCY.**

20 **SECTION 1101 GENERAL**

21 **SECTION 1101.14.1 CERTIFICATE LOCATION.** CERTIFICATE SHALL BE LOCATED WITHIN
22 SIX (6) FEET OF THE ELECTRICAL PANEL AND BE READILY VISIBLE.

23 **CHAPTER 29 – WATER SUPPLY AND DISTRIBUTION.**

24 **SECTION P2904.5 WATER SUPPLY.**

25 **SECTION P2904.5.3 PUBLIC WATER SUPPLY.** WHERE A DWELLING IS SUPPLIED BY A
26 PUBLIC WATER SOURCE, THE RESIDENTIAL FIRE SPRINKLER SYSTEM SHALL BE SUPPLIED
27 BY THAT PUBLIC WATER SOURCE.

28 **PART 400. INTERNATIONAL ENERGY CONSERVATION CODE.** THIS PART SETS FORTH
29 ADDITIONS TO, AMENDMENTS TO AND DELETIONS FROM THE INTERNATIONAL ENERGY
30 CONSERVATION CODE, 2015 EDITION, IN ACCORDANCE WITH BILL 40-15, THE BUILDING
31 CODE OF BALTIMORE COUNTY.

32 **PART 401.** THE FOLLOWING SECTIONS OF THE INTERNATIONAL ENERGY CONSERVATION
33 CODE, 2015 EDITION, ARE DELETED: C103.1, C107, C108, C109, R103.1, R107, R108, R109.

1 **PART 402.** THE FOLLOWING SECTIONS, COLLECTIVELY REFERRED TO AS THE LOCAL
2 **AMENDMENTS TO THE INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION,**
3 ARE ADDED HEREIN BELOW.

4 **CHAPTER 4 – COMMERCIAL ENERGY EFFICIENCY.**

5 **SECTION C408 SYSTEM COMMISSIONING.**

6 **SECTION C408.1.1 COMMISSIONING PLAN RESPONSIBILITY.** CONSTRUCTION
7 DOCUMENTS THAT ARE PREPARED BY OR UNDER THE SUPERVISION OF A PROFESSIONAL
8 ARCHITECT OR ENGINEER LICENSED BY THE STATE OF MARYLAND, SUCH DESIGN
9 PROFESSIONAL SHALL BE RESPONSIBLE TO PROVIDE OR CAUSE TO BE PROVIDED ANY OR
10 ALL COMMISSIONING REPORTS REQUIRED BY SECTION C408. DESIGN PROFESSIONAL
11 SHALL REVIEW COMMISSIONING REPORTS FOR COMPLIANCE WITH THIS CODE.

12 **SECTION C408.2.5.5 BUILDING OFFICIAL TO RECEIVE COPY OF FINAL**
13 **COMMISSIONING REPORT.** THE BUILDING OFFICIAL SHALL BE PROVIDED WITH A
14 WRITTEN CERTIFICATION FROM THE DESIGN PROFESSIONAL ACKNOWLEDGING THAT A
15 COPY OF THE FINAL COMMISSION REPORT HAS BEEN GIVEN TO THE BUILDING OWNER
16 PRIOR TO FINAL OCCUPANCY APPROVAL BY THE BUILDING OFFICIAL.

17 **SECTION 5. AND BE IT FURTHER ENACTED,** that this Act, having been passed by the
18 affirmative vote of five members of the County Council, shall take effect on July 1, 2015.