

THE CITY OF FREDERICK
MAYOR AND BOARD OF ALDERMEN

RESOLUTION NO: 15-30

A RESOLUTION concerning

Amendments to the 2015 International Building Code

BE IT RESOLVED BY THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF FREDERICK that the 2015 International Building Code, as adopted in Chapter 5 of the Frederick City Code, 1966 (as amended), is hereby amended as follows:

(a) **CHAPTER 5. GENERAL BUILDING HEIGHTS AND AREAS**

Section 510 Special Provisions

Section 510.2 Horizontal building separation allowance.

Amend by adding:

7. The maximum number of stories shall not exceed the limits set forth in Section 504.4 for the building having the least allowable number of stories as measured from the grade plane.

(b) **CHAPTER 5. GENERAL BUILDING HEIGHTS AND AREAS**

Section 510 Special Provisions

Section 510.4 Parking beneath Group R

Amend as follows:

Section 510.4 Parking beneath Group R. Where a maximum one story above grade plane Group S-2 parking garage, enclosed or open, or combination thereof, of Type I construction or open of Types IV construction, with grade entrance, is provided under a building of Group R, the number of stories to be used in determining the minimum type of construction shall be measured from the [floor above such a parking area.] grade plane. The floor assembly between the parking garage and the Group R above shall comply with the type of construction required for the parking garage and shall also provide a fire resistance rating not less than the mixed occupancy separation required in Section 508.4

(c) **CHAPTER 9. FIRE PROTECTION SYSTEMS**

SECTION 901. GENERAL

Section 901.1 Scope.

Amend as follows:

901.1 Scope. The provisions of this chapter shall specify where fire protection systems are required and shall apply to the design, installation and operation of fire protection systems. Notwithstanding the foregoing, the fire protection requirements of this chapter may cover the same subject matter as the State Fire Prevention Code, Public Safety Article, §§6-101—6-602, Annotated Code of Maryland, and COMAR 29.06.01. The State Fire Prevention Code is enforced by the State Fire Marshal or authorized fire official. In the event that the requirements of this chapter are more stringent than the Fire Code, the application of such provisions shall be determined by the Building Code Official, with the advice and cooperation of the Fire Official.

- (d) **CHAPTER 9. FIRE PROTECTION SYSTEMS**
Section 903 Automatic Sprinkler Systems
Section F 903.3.1.2 NFPA 13R sprinkler systems.
Amend as follows:

F 903.3.1.2 NFPA 13R sprinkler systems. Automatic sprinkler systems in Group R occupancies up to and including four stories in height in buildings not exceeding 60 feet (18 288mm) in height above grade plane shall be permitted to be installed throughout in accordance with NFPA 13R.

The number of stories of Group R occupancies constructed in accordance with sections 510.2 and 510.4 shall be measured from the [horizontal assembly creating separate buildings.] grade plane.

- (e) **CHAPTER 9. FIRE PROTECTION SYSTEMS**
SECTION 907. FIRE ALARM AND DETECTION SYSTEMS
Section 907.2.9.3 Group R-2 college and university buildings.
Delete in its entirety.

- (f) **CHAPTER 10. MEANS OF EGRESS**
SECTION 1001. ADMINISTRATION
Section 1001.1 General.
Amend as follows:

1001.1 General. Buildings or portions thereof shall be provided with a *means of egress* system as required by this chapter. The provisions of this chapter shall control the design, construction and arrangement of *means of egress* components required to provide an approved *means of egress* from structures and portions thereof. Notwithstanding the foregoing, the egress requirements of this chapter may cover the same subject matter as the State Fire Prevention Code, Public Safety Article, §§6-101—6-602, Annotated Code of Maryland, and COMAR 29.06.01. The State Fire Prevention Code is enforced by the State Fire Marshal or authorized fire official. In the event that the requirements of this chapter are more stringent than the Fire Code, the application of such provisions shall be determined by the Building Code Official, with the advice and cooperation of the Fire Official.

- (g) **CHAPTER 10. MEANS OF EGRESS**
SECTION 1010. DOORS, GATES AND TURNSTILES
Section 1010.1.10 Panic and fire exit hardware
Amend first paragraph as follows:

1010.1.10 Panic and fire exit hardware. Doors serving a Group H occupancy and doors serving rooms or spaces with an occupant load of [50] 100 or more in a Group A or E occupancy shall not be provided with a latch or lock other than *panic hardware* or *fire exit hardware*.

- (h) **CHAPTER 10. MEANS OF EGRESS**
SECTION 1011. STAIRWAYS
Section 1011.5. Stair treads and risers.
Section 1011.5.2 Riser height and tread depth.
Amend by deleting exceptions 3 and 4 and replacing them with the following:

3. In occupancies in Group R-3 and in occupancies in Group U, which are accessory to an occupancy in Group R-3, the maximum riser height shall be 8.25 inches (210 mm) and the minimum tread depth shall be 9 inches (229 mm), the minimum winder tread depth at the walk line shall be 9 inches (229 mm), and the minimum winder tread depth shall be 6 inches (152 mm). A nosing not less than 0.75 inch (19.1 mm) but not more than 1.25 inches (32 mm) shall be provided on stairways with solid risers where the tread depth is less than 11 inches (279 mm).

4. See the Maryland Building Rehabilitation Code set forth in COMAR 05.16 for the replacement of existing stairways.

- (i) **CHAPTER 10. MEANS OF EGRESS**
SECTION 1014 HANDRAILS
Section 1014.7 Clearance.
Amend as follows:

1014.7 Clearance. Clear space between a handrail and a wall or other surface shall be a minimum of [1 ½ inches (38 mm)] 2 ¼ inches. A handrail and a wall or other surface adjacent to the *handrail* shall be free of any sharp or abrasive elements.

- (j) **CHAPTER 10. MEANS OF EGRESS**
Section 1025. LUMINOUS EGRESS PATH MARKINGS
Delete in its entirety

- (k) **CHAPTER 11. ACCESSIBILITY.**
Delete in its entirety and add the following:

The Maryland Accessibility Code, set forth in COMAR 05.02.02, is hereby adopted and incorporated herein by this reference.

- (l) **CHAPTER 16. STRUCTURAL DESIGN.**
SECTION 1607. LIVE LOADS.
Section 1607.10 Reduction in uniform live loads.
Add exceptions as follows:

Exceptions:

1. Live load reduction shall not apply to roofs.
2. Except for buildings of Group U, a flat, pitched, or curved roof shall be designed for a minimum live load of 30 pounds per square foot (psf) or for the minimum snow load, whichever is greater. In buildings of Group U, roofs shall be designed for a minimum live load of 20 psf.

- (m) **CHAPTER 16. STRUCTURAL DESIGN.**
SECTION 1608. SNOW LOADS.
Section 1608.2 Ground snow loads.
Delete in its entirety and add the following:

1608.2. Ground snow loads. The ground snow load to be used in determining the design snow loads for roofs shall be 30 psf.

- (n) **CHAPTER 18. SOILS AND FOUNDATIONS.**
SECTION 1809. SHALLOW FOUNDATIONS
Section 1809.5 Frost protection.
Amend as follows:

1809.5 Frost protection. Except where otherwise protected from frost, foundations and other permanent supports of buildings and structures shall be protected from frost by one or more of the following methods:

1. Extending below the frost line [of the locality.] as measured at least 30 inches below finished grade.
2. Constructing in accordance with ASCE 32.
3. Erecting on solid rock.

Exception: Free-standing buildings meeting all of the following conditions shall not be required to be protected:

1. Assigned to Risk Category I in accordance with Section 1604.5.
2. Area of [600] 400 square feet [(56m²)] or less [for light-frame construction or 400 square feet (37 m²) or less for other than light-frame construction].
3. Eave height of 10 feet (3048 mm) or less.

Shallow foundations shall not bear on frozen soil unless such frozen condition is of a permanent character.

- (o) **CHAPTER 24. GLASS AND GLAZING.**
SECTION 2401. GENERAL.
Add Section 2401.1.1 to read as follows:

Section 2401.1.1 Conflicts. The requirements for safety glazing set forth in Public Safety Article, Title 12, Subtitle 4, Annotated Code of Maryland, are in addition to Chapter 24, Section 2406 of the IBC related to safety glazing. In the event of a conflict between Chapter 24 of the IBC and the Annotated Code of Maryland, the requirements of the Annotated Code of Maryland prevail.

- (p) **CHAPTER 27. ELECTRICAL.**
Delete Chapter 27 in its entirety and add note as follows:

Note: For the applicable requirements concerning electrical work, refer to the City's Electrical Code (Chapter 26 of the Frederick City Code) and the National Electrical Code as adopted and enforced pursuant to the Maryland Annotated Code, Public Safety Article, Title 12, Subtitle 6.

- (q) **CHAPTER 28. MECHANICAL SYSTEMS.**
Delete Chapter 28 in its entirety and add note as follows:

Note: For the applicable requirements concerning mechanical systems, refer to the City's Mechanical Code (adopted in Chapter 5 of the City Code) and the Mechanical Code adopted pursuant to § 9A-205, Business Regulations Article, Annotated Code of Maryland.

(r) CHAPTER 29. PLUMBING SYSTEMS.

Delete Chapter 29 in its entirety and add note as follows:

Note: For the applicable requirements concerning plumbing, refer to the City's Plumbing Code (Chapter 16 of the Frederick City Code), which adopts by reference the Maryland State Plumbing Code.

**(s) CHAPTER 30. ELEVATORS AND CONVEYING SYSTEMS.
SECTION 3001. GENERAL.**

Add Section 3001.1.1 to read as follows:

Section 3001.1.1 Conflicts. The requirements of this chapter are in addition to, and not instead of, the requirements set forth in the Annotated Code of Maryland, Public Safety Article, Title 12, Subtitle 8. In the event of a conflict between the IBC and the Annotated Code of Maryland, the provisions of the Annotated Code of Maryland shall prevail.

(t) APPENDICES.

The appendices are not part of the IBC and are not being adopted.

BE IT FURTHER RESOLVED BY THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF FREDERICK that this Resolution shall take effect on January 1, 2016.

ADOPTED AND APPROVED THIS 17th DAY OF DECEMBER, 2015.



Witness



Randy McClement, Mayor

Approved for Legal Sufficiency:



City Attorney