

COUNTY COUNCIL OF BALTIMORE COUNTY, MARYLAND
Legislative Session 2013, Legislative Day No. 19
Bill No. 63-13

Mr. Tom Quirk, Councilman
By Request of County Executive

By the County Council, November 18, 2013

A BILL
ENTITLED

AN ACT concerning

The Fire Prevention Code of Baltimore County

FOR the purpose of adopting the Fire Prevention Code of Baltimore County; repealing the 2010 Fire Prevention Code; adopting certain amendments to the Fire Prevention Code; making the provisions of this act severable; and generally relating to fire prevention.

BY repealing and reenacting with amendments

Section 14-2-102
Article 14. Fire Protection
Baltimore County Code, 2003

BY adopting

The NFPA 1, Fire Code, 2012 edition, with amendments

The NFPA, 101 Life Safety Code, 2012 edition, with amendments

BY Repealing from NFPA 1: Fire Code, 2012 Edition:

Sections 1.1.1(3), 1.6, 1.10 thru 1.10.6.6, 1.12.2, 1.12.2.1, 1.12.6.13*, 1.12.8, Tables 1.12.8(a)(b)(c)&(d), 1.13.2, 1.13.12.4, 1.16.4.2, 2.2 NFPA 150 & NFPA 5000, 3.2.2*,

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.
 [Brackets] indicate matter stricken from existing law.
 ~~Strike out~~ indicates matter stricken from bill.
 Underlining indicates amendments to bill.

3.3.127.1*, 3.3.182.6*, 3.3.182.7*, 3.3.182.22, 3.3.182.23.3, 3.3.182.25*, 4.5.8.1, 4.5.8.3*, 6.1.4.1*, 6.1.9.1*, 10.1.2*, 10.4.1, 10.4.3*, 10.5.1, 10.5.2, 10.11.1, 10.11.1.1, 10.11.2, 10.11.6 thru 10.11.6.2, 10.12.1.2, 10.12.1.3, 10.14.3.1, 10.14.9.1, 10.15.2, 10.15.11.2.6, 10.16.1, 10.16.2, 10.16.5, 10.19.7, 10.20.1, 11.3.6.1.1, 11.9.1, 13.1.4.1, 13.2.2.2, 13.3.2.1, 13.3.2.26.2.3*, 13.3.3.1, 13.3.3.2, 13.5.2, 13.6.2*, 13.6.9.1.2.1* thru 13.6.9.1.2.3, 13.7.2.22.1.2, 13.7.2.22.1.3, 13.7.2.24.4.4, 14.13.1.2, 16.4.3.1.3*, 18.1.3.1, 18.1.3.2, 18.2.3.2.1, 18.5.3, 19.2.1.4.1, 20.3.4.1.1, 20.3.4.2.3.5.1, 20.3.4.2.3.5.4*, 25.2.2.1, 28.1.6.2.1.1, 31.3.6.3.1* thru 31.3.6.3.2.3, chapter 35, 50.4.4.3.1*, 66.6.2.

BY Adding to NFPA 1: Fire Code, 2012 Edition:

Sections 1.1.1(3), 1.3.2.3.1, 1.3.2.1.1, 1.3.6.3.1, 1.6, 1.7.6.7, 1.10, 1.10.16.6, 1.10.16.7, 1.12.1.1, 1.12.2, 1.12.2.1, 1.12.2.5, 1.12.2.6, 1.12.2.7, 1.13.2, 1.16.6, 1.16.7, 2.2.1, 3.2.2*, 3.2.3.1, 3.2.3.2, 3.2.3.3, 3.3.127.1*, 3.3.182.6*, 3.3.182.7*, 3.3.182.22, 3.3.182.23.3, 3.3.182.25*, 3.3.182.29, 4.5.8.1, 4.5.8.3*, 6.1.4.1*, 6.1.9.1*, 10.1.2*, 10.1.6.1, 10.4.1, 10.4.1.1, 10.4.3*, 10.4.4.1, 10.5.1, 10.5.2, 10.6.8, 10.11.1.1, 10.11.1.5, 10.11.1.6, 10.11.2, 10.11.5.3, 10.11.6, 10.11.6.1, 10.12.1.1.1, 10.12.1.2, 10.12.1.3, 10.12.1.4, 10.12.1.5, 10.14.1.2, 10.14.3.1, 10.14.9.1, 10.15.2, 10.15.11.2.6, 10.16.1, 10.16.3.1, 10.16.5, 10.16.6, 10.16.7, 10.19.7, 10.19.7.1, 10.20.1, 10.21, 11.1.9.3.2, 11.1.11, 11.3.6.1.1, 11.5.2.4, 11.5.2.4.1, 11.5.2.4.2, 11.5.2.4.3, 11.5.2.4.4, 11.9.1, 11.9.4(6), 11.12.1.1, 13.1.4.1, 13.2.1.1, 13.2.2.2, 13.3.1.1.1, 13.3.1.1.2, 13.3.1.1.3, 13.3.1.2.1, 13.3.1.2.2, 13.3.1.2.3, 13.3.1.2.4, 13.3.1.2.5, 13.3.1.2.6, 13.3.1.2.7, 13.3.1.2.8, 13.3.1.7.3, 13.3.2.1, 13.3.2.1.1, 13.3.2.26.2.3*, 13.3.2.27.6, 13.3.3.1, 13.3.3.2, 13.4.1.1.1, 13.4.6.4.3, 13.5.2, 13.6.2*, 13.6.2.1, 13.6.3.3.3, 13.6.6.3, 13.6.9.1.2.1*, 13.6.9.1.2.3*, 13.7.2.22.1.2, 13.7.2.22.1.3, 13.7.2.24.4.4, 13.7.3.1.3, 13.7.3.1.3.1, 13.7.3.1.3.2, 13.7.3.1.3.3,

13.7.3.1.3.4, 13.7.3.1.3.5, 13.7.3.1.3.6, 13.7.3.1.3.7, 13.7.3.1.3.8, 13.7.3.1.4, 13.7.3.1.5, 13.7.3.2.2.3.1, 13.8.1, 13.8.2, 13.8.3, 14.5.2.8.1(6), 14.13.1.2, 14.14.1.8.1, 16.4.3.1.3*, 18.1.3.1, 18.1.3.2, 18.2.3.1.1.1, 18.2.3.2.1, 18.2.3.5.3, 18.3.2, 18.3.2.1, 18.3.2.2, 18.4.5, 18.4.5.2.3, 18.5.1.1, 18.5.2.1, 18.5.3, 18.5.3.1, 18.5.6.1, 18.5.7.4, 18.5.7.5, 19.2.1.3.1, 19.2.1.4.1, 20.1.5.10.3.1.1, 20.1.5.10.3.1.1.1, 20.1.5.10.3.1.1.2, 20.2.4.6, 20.3.4.1.1, 20.3.4.2.3.5.1, 20.3.4.2.3.5.4*, 20.5.2.5.5, 25.2.2.1, 28.1.6.2.1.1, 28.1.6.2.1.4, 28.1.6.3.8, 28.1.6.3.9, 28.1.6.3.10, 28.1.6.3.11, 28.1.6.3.12, 28.1.6.3.13, 28.1.6.3.14, 28.1.6.3.15, 28.1.6.3.16, 28.1.6.3.17, 28.1.6.4.1, 28.1.6.4.2, 28.1.6.4.3, 29.1.4, 31.3.3.4.1.3, 31.3.6.2.2(9), 31.3.6.3.1*, 42.7.5.5.1, 42.7.5.7, 42.7.5.8, 42.7.5.9, 50.1.5, 50.2.1.10, 50.2.1.10.1, 50.2.1.10.2, 50.2.1.10.2.1, 50.2.1.10.3, 50.2.1.10.3.1, 50.2.1.10.3.2, 50.2.1.10.3.3, 50.2.1.10.3.4, 50.2.1.10.3.5, 50.2.1.10.4, 50.2.1.10.5, 50.2.1.10.5.1, 50.2.1.10.5.2, 50.2.1.10.5.3, 50.4.4.3.1, 50.5.2.9, 65.1.3, 65.1.4, 65.1.5, 65.2.2.1, 65.5.3, 66.6.2 and 69.2.1.4.2.1

BY Repealing from NFPA 101: Life Safety Code, 2012 Edition:

Sections 3.3.140.1, 3.3.188.4, 4.5.8, 4.6.12.1, 4.6.12.3, 6.1.4.1, 7.2.1.5.12, 7.2.1.7.1, 7.2.1.7.3, 7.9.1.2, 9.7.5, 11.8.3.1, 11.11.2.1, 12.2.4.1, 13.2.4.1, 16.6.1.1.2, 16.6.1.4.1.1, 16.6.1.4.1.2, 16.6.1.7.1, 16.7.5, 17.6.1.1.2, 17.6.1.4.1.1, 17.6.1.4.1.2, 17.6.1.7.1, 17.6.3.4.4, 17.7.5, 22.4.5.1.3, 22.4.5.1.4, 22.4.5.1.5, 23.4.5.1.3, 23.4.5.1.4, 23.4.5.1.5, 24.1.1.1, 26.1.1.1, 32.3.1.3, 33.3.3.4.8.2, 36.4.4.4.3.2, 38.2.4.4(3)(a), 42.3.4.1.2, 42.3.4.1.3 Wherever NFPA 5000 or “The Building Code” is referenced throughout this Code, other than for extracted text, substitute the Baltimore County Building Code. All of the NFPA 101: Life Safety Code, 2012 Edition.

By Adding to NFPA 101: Life Safety Code, 2012 Edition:

Sections 2.2.1, 3.3.62.3, 3.3.140.1, 3.3.188.4, 4.5.8, 4.6.12.1, 4.6.12.3, 4.7.6, 4.8.2.4, 6.1.4.1, 7.2.1.5.12, 7.2.1.6.3.1, 7.2.1.7.1, 7.2.1.7.3, 7.5.4.1.5, 7.9.1.2, 7.10.1.8.1, 9.6.2.6.1, 9.6.5.2.1, 9.7.1.1.1, 9.7.5, 11.8.6.3, 11.8.3.1.1, 11.11.2.1, 12.2.4.1, 13.2.4.1, 13.3.5.1.1, 14.3.5.6, 15.3.5.6, 16.1.1.8, 16.2.11.1.1(4), 16.6.1.1.2, 16.6.1.4.1.1, 16.6.1.4.1.2, 16.6.1.7.1, 16.6.2.1.1, 16.6.2.2, 16.6.2.3, 16.6.2.4.5, 16.6.3.4.3.1, 16.7.5, 16.7.5.1, 17.1.1.8, 17.2.11.1.1(4), 17.6.1.1.2, 17.6.1.4.1.1, 17.6.1.4.1.2, 17.6.1.7.1, 17.6.2.1.1, 17.6.2.2, 17.6.2.3, 17.6.2.4.5, 17.6.3.4.4, 17.7.5, 17.7.5.1, 22.4.5.1.3, 22.4.5.1.4, 23.4.5.1.3, 23.4.5.1.4, 24.1.1.1, 24.2.2.3.3(5), 24.2.2.3.3(6), 24.2.5.1.4, 26.1.1.1, 32.2.2.3.1(5), 32.2.2.3.1(6), 32.3.1.3, 33.1.1.7, 33.2.2.3.1(5), 33.2.2.3.1(6), 33.3.3.4.8.1, 36.4.4.4.3.2, 38.2.4.4(3)(a), 42.3.4.1.2, 42.3.4.1.2.1, 42.3.4.1.3 42.8.2.2.3.5. All, of the NFPA 101 Life Safety Code, 2012 Edition.

BY Repealing

Section ~~8.6.2~~ 8.3.2 of NFPA 13D: Installation Of Sprinkler Systems In One- And Two-Family Dwellings And Manufactured Homes, ~~2010~~ 2013 Edition.

Section 6.6.2 of NFPA 13R: Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height, 2010 edition.

Sections 8.15.14.1 and 22.4.4.9.1 of NFPA 13: Standard for the Installation of Sprinkler Systems, 2010 edition.

BY Adding

Sections 8.15.14.1, and 22.4.4.9.1 to NFPA 13: Standard for the Installation of Sprinkler Systems, 2010 edition.

1 **SECTION 1.** BE IT ENACTED BY THE COUNTY COUNCIL OF BALTIMORE
2 COUNTY, MARYLAND, that Section 14-2-102 of Article 14, Fire Protection, of The Baltimore
3 County Code, 2010, be and is hereby repealed and reenacted with amendments, to read as
4 follows:

5 (a) Within 9 months after the ~~publication date of the triennial NFPA 101 Life Safety Code~~
6 ~~adopted by the National Fire Protection Association~~ ADOPTION OF THE LATEST STATE OF
7 MARYLAND FIRE PREVENTION CODE, the Fire Department shall submit revisions of the
8 Fire Prevention Code of Baltimore County, Maryland to the County Executive’s review and
9 submittal to the County Council.

10 (b) The Fire Prevention Code of Baltimore County, authorized by Council Bill
11 [_____]____, shall appear under separate cover.

12 (c) The Fire Prevention Code shall be maintained as a reference in the main branch of the
13 Baltimore County Public Library and the Office of the Fire Chief.

14 **SECTION 2.** AND BE IT FURTHER ENACTED, that the Fire Prevention Code of
15 Baltimore County, Maryland, as adopted by Council Bill No. 48-10 is hereby repealed.

16 **SECTION 3.** AND BE IT FURTHER ENACTED, that the NFPA 1: Fire Code, 2012
17 Edition and the NFPA 101: Life Safety Code, 2012 Edition are hereby adopted as the “Fire
18 Prevention Code Of Baltimore County”, except that any tentative interim amendments that are
19 published for the Fire Code and the Life Safety Code are not included in this Code unless
20 specifically listed and adopted by this Code.

21 **SECTION 4.** AND BE IT FURTHER ENACTED, that the following sections and
22 subsections of the Fire Prevention Code of Baltimore County are hereby repealed as follows:

23 **NFPA 1**, Fire Code, 2012 Edition:

24 1.1.1(3), 1.6, 1.10 thru 1.10.6.6, 1.12.2, 1.12.2.1, 1.12.6.13*, 1.12.8, Tables 1.12.8(a)(b)(c)&(d),

1 1.13.2, 1.13.12.4, 1.16.4.2, 2.2 (NFPA 150 & NFPA 5000), 3.2.2*, 3.3.127.1*, 3.3.182.6*,
2 3.3.182.7*, 3.3.182.22, 3.3.182.23.3, 3.3.182.25*, 4.5.8.1, 4.5.8.3*, 6.1.4.1*, 6.1.9.1*, 10.1.2*,
3 10.4.1, 10.4.3*, 10.5.1, 10.5.2, 10.11.1, 10.11.1.1, 10.11.2, 10.11.6 thru 10.11.6.2, 10.12.1.2,
4 10.12.1.3, 10.14.3.1, 10.14.9.1, 10.15.2, 10.15.11.2.6, 10.16.1, 10.16.2, 10.16.5, 10.16.6, 10.16.7,
5 10.19.7, 10.20.1, 11.3.6.1.1, 11.9.1, 13.1.4.1, 13.2.2.2, 13.3.2.1, 13.3.2.26.2.3*, 13.3.3.1,
6 13.3.3.2, 13.5.2, 13.6.2*, 13.6.9.1.2.1* thru 13.6.9.1.2.3, 13.7.2.22.1.2, 13.7.2.22.1.3,
7 13.7.2.24.4.4, 14.13.1.2, 16.4.3.1.3*, 18.2.3.2.1, 18.4.5, 18.4.5.2.3, 18.5.3, 19.2.1.4.1, 20.3.4.1.1,
8 20.3.4.2.3.5.1, 20.3.4.2.3.5.4*, 25.2.2.1, 28.1.6.2.1.1, 31.3.6.3.1* thru 31.3.6.3.2.3, chapter 35,
9 50.4.4.3.1*, 66.6.2.

10 **NFPA 101:** Life Safety Code, 2012 Edition: Sections 3.3.140.1, 3.3.188.4, 4.5.8, 4.6.12.1,
11 4.6.12.3, 6.1.4.1, 7.2.1.5.12, 7.2.1.7.1, 7.2.1.7.3, 7.9.1.2, 9.7.5, 11.8.3.1, 11.11.2.1, 12.2.4.1,
12 13.2.4.1, 16.6.1.1.2, 16.6.1.4.1.1, 16.6.1.4.1.2, 16.6.1.7.1, 16.7.5, 17.6.1.1.2, 17.6.1.4.1.1,
13 17.6.1.4.1.2, 17.6.1.7.1, 17.6.3.4.4, 17.7.5, 22.4.5.1.3, 22.4.5.1.4, 22.4.5.1.5, 23.4.5.1.3,
14 23.4.5.1.4, 23.4.5.1.5, 24.1.1.1, 26.1.1.1, 32.3.1.3, 33.3.3.4.8.2, 36.4.4.4.3.2, 38.2.4.4(3)(a),
15 42.3.4.1.2, 42.3.4.1.3

16 **NFPA 13:** Standard for the Installation of Sprinkler Systems, 2010 Edition, sections 8.15.14.1,
17 and 22.4.4.9.1

18 **NFPA 13R:** Standard for the Installation Of Sprinkler Systems In Residential Occupancies Up
19 To And Including Four Stories In Height, 2010 Edition, Section 6.6.2;

20 **NFPA 13D:** Standard for the Installation Of Sprinkler Systems In One- And Two-Family
21 Dwellings And Manufactured Homes, ~~2010~~ 2013 Edition, Section ~~8.6.2~~ 8.3.2

22 **SECTION 5.** And be it further enacted, that the following sections are hereby added to
23 NFPA 1: Fire Code, 2012 Edition, as part of the “Fire Prevention Code Of Baltimore County”:
24 1.1.1(3), 1.3.2.1.1, 1.3.2.3.1, 1.3.6.3.1, 1.6, 1.7.6.7, 1.10, 1.10.16.6, 1.10.16.7, 1.12.1.1, 1.12.2,

1 1.12.2.1, 1.12.2.5, 1.12.2.6, 1.12.2.7, 1.13.2, 1.16.6, 1.16.7, 2.2.1, 3.2.2*, 3.2.3.1, 3.2.3.2, 3.2.3.3,
2 3.3.127.1*, 3.3.182.6*, 3.3.182.7*, 3.3.182.22, 3.3.182.23.3, 3.3.182.25*, 3.3.182.29, 4.5.8.1,
3 4.5.8.3*, 6.1.4.1*, 6.1.9.1*, 10.1.2*, 10.1.6.1, 10.4.1, 10.4.1.1, 10.4.3*, 10.4.4.1, 10.6.8,
4 10.11.1.1, 10.11.1.5, 10.11.1.6, 10.11.5.3, 10.11.6, 10.11.6.1, 10.12.1.1.1, 10.12.1.2, 10.12.1.3,
5 10.12.1.4, 10.12.1.5, 10.14.1.2, 10.14.3.1, 10.14.9.1, 10.15.2, 10.15.11.2.6, 10.16.1, 10.16.3.1,
6 10.16.5, 10.16.6, 10.16.7, 10.19.7, 10.19.7.1, 10.20.1, 10.21, 11.1.9.3.2, 11.1.11, 11.3.6.1.1,
7 11.5.2.4, 11.5.2.4.1, 11.5.2.4.2, 11.5.2.4.3, 11.5.2.4.4, 11.9.1, 11.9.4(6), 11.12.1.1, 13.1.4.1,
8 13.2.1.1, 13.2.2.2, 13.3.1.1.1, 13.3.1.1.2, 13.3.1.1.3, 13.3.1.2.1, 13.3.1.2.2, 13.3.1.2.3, 13.3.1.2.4,
9 13.3.1.2.5, 13.3.1.2.6, 13.3.1.2.7, 13.3.1.2.8, 13.3.1.7.3, 13.3.2.1, 13.3.2.1.1, 13.3.2.26.2.3*,
10 13.3.2.27.6, 13.3.3.1, 13.3.3.2, 13.4.1.1.1, 13.4.6.4.3, 13.5.2, 13.6.2*, 13.6.2.1, 13.6.3.3.3,
11 13.6.6.3, 13.6.9.1.2.1*, 13.6.9.1.2.3*, 13.7.2.22.1.2, 13.7.2.22.1.3, 13.7.2.24.4.4, 13.7.3.1.3,
12 13.7.3.1.3.1, 13.7.3.1.3.2, 13.7.3.1.3.3, 13.7.3.1.3.4, 13.7.3.1.3.5, 13.7.3.1.3.6, 13.7.3.1.3.7,
13 13.7.3.1.3.8, 13.7.3.1.4, 13.7.3.1.5, 13.7.3.2.2.3.1, 13.8.1, 13.8.2, 13.8.3, 14.5.2.8.1(6), 14.13.1.2,
14 14.14.1.8.1, 16.4.3.1.3*, 18.1.3.2, 18.2.3.1.1.1, 18.2.3.2.1, 18.2.3.5.3, 18.3.2, 18.3.2.1, 18.3.2.2,
15 18.4.5.2.3, 18.5.1.1, 18.5.2.1, 18.5.3, 18.5.3.1, 18.5.6.1, 18.5.7.4, 18.5.7.5, 19.2.1.3.1, 19.2.1.4.1,
16 20.1.5.10.3.1.1, 20.1.5.10.3.1.1.1, 20.1.5.10.3.1.1.2, 20.2.4.6, 20.3.4.1.1, 20.3.4.2.3.5.1,
17 20.3.4.2.3.5.4*, 20.5.2.5.5, 25.2.2.1, 28.1.6.2.1.1, 28.1.6.2.1.4, 28.1.6.3.8, 28.1.6.3.9, 28.1.6.3.10,
18 28.1.6.3.11, 28.1.6.3.12, 28.1.6.3.13, 28.1.6.3.14, 28.1.6.3.15, 28.1.6.3.16, 28.1.6.3.17, 28.1.6.4.1,
19 28.1.6.4.2, 28.1.6.4.3, 29.1.4, 31.3.3.4.1.3, 31.3.6.2.2(9), 31.3.6.3.1*, 42.7.5.5.1, 42.7.5.7,
20 42.7.5.8, 42.7.5.9, 50.1.5, 50.2.1.10, 50.2.1.10.1, 50.2.1.10.2, 50.2.1.10.2.1, 50.2.1.10.3,
21 50.2.1.10.3.1, 50.2.1.10.3.2, 50.2.1.10.3.3, 50.2.1.10.3.4, 50.2.1.10.3.5, 50.2.1.10.4, 50.2.1.10.5,
22 50.2.1.10.5.1, 50.2.1.10.5.2, 50.2.1.10.5.3, 50.4.4.3.1, 50.5.2.9, 65.1.3, 65.1.4, 65.1.5, 65.2.2.1,
23 65.5.3, 66.6.2 and 69.2.1.4.2.1, to read as follows:

24 **CHAPTER 1 ADMINISTRATION AND ENFORCEMENT**

1 **1:1.1.1(3)** Review of development plans, construction plans, drawings and specifications for life
2 safety systems, fire protection systems, access, water supplies, processes, hazardous materials
3 and other fire and life safety issues.

4 **1:1.3.2.1.1** Wherever NFPA 5000 or “The Building Code” is referenced throughout this Code,
5 other than for extracted text, substitute the Baltimore County Building Code.

6 **1:1.3.2.3.1 APPLICABILITY OF NFPA STANDARDS:** Occupancies, structures, processes,
7 equipment installations or other matters not otherwise covered by these regulations shall comply
8 with the appropriate National Fire Protection Association codes, standards, and practices as
9 deemed necessary by the Chief of the fire department or designee.

10 **1:1.3.6.3.1 APPLICATION OF OTHER CODES:** All alterations to an existing building which
11 are caused directly or indirectly by the enforcement of this code shall be done in accordance with
12 the applicable codes, procedures and provisions currently in force in Baltimore County,
13 Maryland.

14 **1:1.6 ENFORCEMENT:** The Chief of the fire department or the Chief’s designee is hereby
15 charged with the duty of enforcing and administering the provisions of the Fire Prevention Code
16 of Baltimore County and is authorized to delegate such duties to such personnel as necessary for
17 the proper enforcement of the code.

18 **1:1.6.1. PROSECUTION OF VIOLATION:** The “Authority Having Jurisdiction” as defined
19 in Chapter 3 “Definitions” of this Fire Prevention Code shall have the authority to institute or
20 cause to be instituted an appropriate action for any violation of the Baltimore County Fire
21 Prevention Code in accordance with Article 3, Title 6 of the Baltimore County Code, 2003, or a
22 proceeding at law or in equity, which may be necessary and proper, to restrain, correct or abate
23 such violation or to require the removal or termination of the unlawful use of the building or
24 structure, or condition in violation of the provisions of this Code or the order or direction made

1 pursuant thereto.

2 **1:1.7.6.7 REQUIRED INSPECTIONS:** The Chief or designee shall annually inspect all
3 structures and premises, except single-family dwellings and dwelling units in multiple family
4 dwellings, for the purposes of ascertaining and causing to be corrected any conditions liable to
5 cause fire, contribute to the spread of fire, interfere with fire-fighting operations, endanger life or
6 any violations of the provisions or intent of this code or any other ordinance affecting fire and or
7 life safety.

8 **1:1.10 APPEALS:** Any person aggrieved by an order, decision, interpretation or action of the
9 Chief or designee, based upon or made in the course of the administration or enforcement of the
10 “Fire Prevention Code of Baltimore County” may appeal. The appeal process shall be as
11 follows:

12 1) A written appeal to the Office of the Fire Marshal which will be reviewed, researched,
13 and responded to within 20 days.

14 2) Appealing the decision rendered by the Office of the Fire Marshal shall be submitted to
15 the county board of appeals as provided in Article VI of the Baltimore County Charter.

16 **1:10.5.1:** Persons shall not fail to leave a building when notified to do so or when directed by
17 the AHJ or incident commander as a result of a known or perceived emergency.

18 **1:10.5.2:** Persons shall not fail to leave any overcrowded premises when ordered to do so by the
19 AHJ or incident commander.

20 **1:10.11.2:** The AHJ shall have the authority to prohibit any or all open flames, candles, sky
21 lanterns, and open, recreational, and cooking fires or other sources of ignition, or establish
22 special regulations on the use of any form of fire or smoking material where circumstances make
23 such conditions hazardous.

1 **1:1.10.16.6 OUTSIDE COMBUSTIBLE MATERIAL STORAGE:** The Fire Chief or
2 designee may require that storage upon any land of any combustible material in quantities that
3 require a permit or that pose a fire exposure hazard shall be enclosed by an approved fence or
4 other protective device.

5 **1:1.10.16.7 FIRE ACCESS FOR OUTSIDE STORAGE:** Approved aisles, driveways and
6 uniform passageways shall be provided to permit access for fire-fighting operations.

7 **1:1.12.1.1 PERMITS REQUIRED:** Permits and fire inspection certificates shall be obtained
8 from the Chief or designee for all structures and premises required to be inspected under section
9 **1:1.7.6.7** of the Fire Code in accordance with the local adopting legislation. Permit and fire
10 inspection certificate fees, if any, shall be established in accordance with section 3-1-202 of the
11 Baltimore County Code, 2003. Issued permits and fire inspection certificates shall be kept on the
12 premises designated therein at all times and shall be readily available for inspection by the Chief
13 or designee.

14 **1:1.12.2 PERMIT APPLICATION:** Application for a permit or fire inspection certificate
15 required by this code shall be made to the Chief or designee on form(s) provided. Applications
16 for permits shall be accompanied by documents required for evaluation of the application.

17 **1:1.12.2.1 PAYMENT OF FEES:** A permit or fire inspection certificate shall not be valid
18 unless the designated fees have been paid.

19 **1:1.12.2.5 REVIEW OF FEES:** The fee schedule shall be reviewed annually in accordance with
20 section 3-1-202 of the Baltimore County Code, 2003 to ensure that the moneys collected shall at
21 least cover the costs of administering plan review and conducting inspections.

22 **1:1.12.2.6 FIRE INSPECTION CERTIFICATE:** All occupancies required by this act to
23 obtain a fire inspection certificate shall not be maintained, operated or occupied as such without
24 securing said certificate from the Chief or designee within the time frame specified by the Chief

1 or designee.

2 **1:1.12.2.7 COLLECTION OF PAST DUE FEES:** Inspections fees which become delinquent
3 as determined by the Fire Marshal's Office will be forwarded to the Director of Budget and
4 Finance for Collections.

5 **1:1.13.2** The AHJ may require certificates of fitness and collect fees for individuals or
6 companies performing any of the following activities:

7 (1) Use of explosive materials

8 (2) Fireworks displays involving display fireworks, 1.3G

9 **1:1.16.6 WAIVER OF APPEAL:** An application for an extension of time to correct any
10 violation shall be deemed to be an admission that the notice of violation is factually and
11 procedurally correct and that the violations do or did exist.

12 **1:1.16.7 REIMBURSEMENT FOR FIRE SUPPRESSION:** When the owner or tenant has
13 been given notice of the existence of a violation of this code and has not made a good faith effort
14 to abate the violations, the owner or tenant shall be liable for a penalty in the amount of the
15 actual cost to the fire department of suppressing any fire resulting from the violation. The Chief
16 of the fire department shall certify such cost.

17 **CHAPTER 2 REFERENCED PUBLICATIONS**

18 **1:2.2.1** Wherever NFPA 5000 or “The Building Code” is referenced, other than for extracted
19 text, substitute the Baltimore County Building Code.

20 **CHAPTER 3 DEFINITIONS**

21 **1:3.2.2*** “**AUTHORITY HAVING JURISDICTION**”, “AHJ”, “Chief”, “Chief of the fire
22 department”, “Fire Chief” or “Fire Official” - means the Chief of the Baltimore County Fire
23 Department or designee.

24 **1:3.2.3.1 FIRE CODE:** “Baltimore County Fire Prevention Code”, “Fire Prevention Code” or

1 "this code" mean the "Fire Prevention Code of Baltimore County".

2 **1:3.2.3.2 "NFPA":** Means National Fire Protection Association.

3 **1:3.2.3.3 BUILDING CODE:** Means the Baltimore County Building Code. Wherever NFPA
4 5000 is referenced throughout this Code, other than for extracted text, substitute the Baltimore
5 County Building Code.

6 **1:3.3.127.1* CONSUMER FIREWORKS:** Small fireworks devices, containing restricted
7 amounts of pyrotechnic compositions, designed primarily to produce visible or audible effects by
8 combustion, that comply with the construction, chemical composition, and labeling regulations
9 of the U.S. Consumer Product Safety Commission, as set forth in CPSC 16 CFR 1500 and 1507,
10 49 CFR 172, and APA standard 87-1, standard for the Construction and Approval for
11 Transportation of Fireworks, Novelties, and Theatrical Pyrotechnics and as referenced in the
12 Public Safety Article, section 10-101, Annotated Code of Maryland.

13 **1:3.3.182.6* DAY-CARE HOME:** A building or portion of a building in which not more than
14 12 clients receive care, maintenance, and supervision, by other than their relative(s) or legal
15 guardians(s), for less than 24 hours per day.

16 **1:3.3.182.7* DAY-CARE OCCUPANCY:** Means an occupancy in which clients receive care,
17 maintenance, and supervision, by other than their relatives or legal guardians, for less than 24
18 hours per day.

19 **1:3.3.182.22 ONE AND TWO FAMILY DWELLINGS,** Include buildings containing not
20 more than two dwelling units in which each dwelling unit is occupied by members of a single
21 family with not more than three outsiders, if any, accommodated in rented rooms.

22 **1:3.3.182.23.3 OPEN PARKING STRUCTURE,** A parking structure that meets the
23 requirements for open parking structures of NFPA 88A.

1 **1:3.3.182.25 * RESIDENTIAL BOARD AND CARE OCCUPANCY**, An occupancy used for
2 lodging and boarding of four or more residents, not related by blood or marriage to the owners or
3 operators, for the purpose of providing personal care services.

4 **1:3.3.182.29 USE GROUP CLASSIFICATION:** All buildings and structures shall be
5 classified with respect to use in one of the 10 occupancy groups listed in the Baltimore County
6 Building Code:

7 CLASSIFICATION OF OCCUPANCY GROUPS

- 8 GROUP A - ASSEMBLY
- 9 GROUP B - BUSINESS
- 10 GROUP E - EDUCATIONAL
- 11 GROUP F - FACTORY AND INDUSTRIAL
- 12 GROUP H - HIGH HAZARD
- 13 GROUP I - INSTITUTIONAL
- 14 GROUP M - MERCANTILE
- 15 GROUP R - RESIDENTIAL
- 16 GROUP S - STORAGE
- 17 GROUP U - UTILITY AND MISCELLANEOUS

18 **CHAPTER 4 GENERAL REQUIREMENTS**

19 **1:4.5.8.1 MAINTENANCE:** Whenever or wherever any device, equipment, system, condition,
20 arrangement, level of protection, fire-resistive construction, or any other feature is required, such
21 device, equipment, system, condition, arrangement, level of protection, fire-resistive
22 construction, or other feature shall thereafter be continuously maintained in accordance with
23 applicable NFPA requirements or requirements developed as part of a performance-based design,
24 or as directed by the AHJ. [101:4.6.12.1]

25 **1:4.5.8.3* EXISTING LIFE SAFETY FEATURES** obvious to the public, if not required, shall
26 be either maintained or removed. [101:4.6.12.3]

1 **CHAPTER 6 CLASSIFICATION OF OCCUPANCY**

2 **1:6.1.4.1* DAY-CARE OCCUPANCY:** Means an occupancy in which clients receive care,
3 maintenance, and supervision, by other than their relatives or legal guardians, for less than 24
4 hours per day.

5 **1:6.1.9.1 * RESIDENTIAL BOARD AND CARE OCCUPANCY.** An occupancy used for
6 lodging and boarding of four or more residents, not related by blood or marriage to the owners or
7 operators, for the purpose of providing personal care services.

8 **CHAPTER 10 GENERAL PROVISIONS**

9 **1:10.1.2* LIFE SAFETY CODE.** Every new and existing building shall comply with this code
10 and NFPA 101, Life Safety Code, except as amended by COMAR 29.06.01.01, COMAR
11 29.06.01.08, and COMAR 29.06.01.09.

12 **1:10.1.6.1 CANDLES:** A person shall not use or allow to be used, any open flame, burning
13 candle or candles in connection with any public meeting or gathering in any occupancy open to
14 the public without first obtaining approval from the Fire Chief or designee. Candles are
15 permitted to be used in connection with any worship service if they are used and located in such
16 a manner as not to create a fire hazard or other potentially dangerous condition.

17 **1:10.4.1:** Whenever or wherever any device, equipment, system, condition, arrangement, level of
18 protection, fire-resistive construction, or any other feature is required, such device, equipment,
19 system, condition, arrangement, level of protection, fire-resistive construction, or other feature
20 shall thereafter be continuously maintained in accordance with applicable NFPA requirements or
21 requirements developed as part of a performance-based design, or as directed by the AHJ.

22 [101:4.6.12.1]

23 **1:10.4.1.1 MAINTENANCE OF EQUIPMENT:** All equipment, systems, devices and
24 safeguards required by this code or a previous statute or code for the structure or premises when

1 erected or altered shall be maintained in good working order by the owner. The requirements of
2 this code are not intended to provide the basis for removal or abrogation of fire protection and
3 safety systems and devices in existing structures.

4 **1:10.4.3* EXISTING LIFE SAFETY FEATURES** obvious to the public, if not required, shall
5 be either maintained or removed. [101:4.6.12.3]

6 **1:10.4.4.1 FUSIBLE LINK REPLACEMENT:** Any fusible link that is painted, corroded,
7 damaged or loaded with foreign materials shall be replaced.

8 **1:10.6.8 FIRE EXIT DRILLS:** Where not otherwise specified within this code, frequency and
9 need for fire exit drills shall be determined by the fire official for each occupancy. A record of
10 fire exit drills shall be kept on the premises and made available to the fire official at the time of
11 annual fire inspection. Each record shall contain information indicating the time of the drill,
12 date, weather conditions, number of occupants evacuated, and evacuation time.

13 **1:10.11.1.1** Permits shall not be required for small **RECREATIONAL and COOKING**
14 **FIRES**, including campfires, barbecue grills, broilers, and hibachis, which are constantly
15 attended and for which routine precautions against spread of fire have been taken.

16 **1:10.11.1.5 BURNING PERMIT REQUIRED:** No person shall kindle, maintain nor permit to
17 be kindled or maintained, any bonfire, rubbish fire or other open burning upon any public street,
18 alley, road or other public property, nor upon any private property unless the owner of the
19 property where the fire is maintained has first obtained a permit. The required burning permit
20 shall be kept at the site of the fire during burning operations.

21 **1:10.11.1.6 OUTDOOR BURNING RESTRICTION:** For other than cooking and recreational
22 fires, no burning is allowed within the perimeter of interstate highway 695 (I-695), the Baltimore
23 Beltway.

24 **1:10.11.5.3 ATTENDANCE AT OPEN FIRES:** A bulldozer with a competent operator shall

1 be maintained at any large fire until such fire is completely extinguished, in order that the
2 bulldozer may be used to control the fire by covering it with earth or by using other means of
3 extinguishments, if the need arises.

4 **1:10.11.6 COOKING AND HEATING DEVICES**

5 **1:10.11.6.1** For other than one- and two-family dwellings, no hibachi, gas-fired grill, charcoal
6 grill, electric grill, deep fryer, fuel fired heating or cooking device, or other similar devices used
7 for cooking, heating, or any other purpose, be stored, used, or kindled on any balcony, patio, or
8 under any overhanging portion or within 15 feet of any multifamily occupancy.

9 **PREMISES IDENTIFICATION**

10 **1:10.12.1.1.1** Subject to the approval of the AHJ, individual suites within structures and rear
11 exterior entrances and/or access from service corridors shall be clearly identified.

12 **1:10.12.1.2** Premises identification shall contrast with their background.

13 **1:10.12.1.3** Premises identification shall be Arabic numbers or alphabet letters.

14 **1:10.12.1.4** Where required by the AHJ, symbols in compliance with NFPA 170: *Standard for*
15 *Fire Safety and Emergency Symbols* shall be used.

16 **1:10.12.1.5** Premises identification shall be a minimum size of 6 inches for commercial property
17 and 3 inches for residential property. Existing digits may be allowed to continue in use subject
18 to the approval of the fire marshal.

19 **1:10.14.1.2 THE AHJ SHALL:**

20 (1) Approve the placement of a natural cut or balled tree.

21 (2) Limit the number of natural cut or balled trees displayed.

22 (3) Order the removal of any tree if the tree poses a hazard to life or safety.

1 **1:10.14.3.1** Artificial vegetation and artificial Christmas trees shall be labeled or otherwise identified or
2 certified by a testing laboratory recognized by the Office of the State Fire Marshal as being fire
3 retardant.

4 **1:10.14.9.1** Where a natural cut tree is permitted, the bottom end of the trunk shall be cut off with a
5 straight fresh cut at least 2 in. (50 mm) above the end prior to placing the tree in a stand to allow the tree
6 to absorb water. A natural cut tree shall not exceed 10 ft. (3m) in height, excluding the tree stand.

7 **OUTDOOR EVENTS**

8 **1:10.15.2** The AHJ shall be permitted to regulate all outdoor events such as, but not limited to, carnivals
9 and fairs as it pertains to access for emergency vehicles; access to fire protection equipment; placement
10 of stands, concession booths, and exhibits; and the control of hazardous conditions dangerous to life and
11 property.

12 **1:10.15.11.2.6** A fuel break of a minimum 20 ft. (6m) wide shall be cleared between a crop maze and
13 any vehicles, buildings or vegetations outside the maze.

14 **OUTSIDE STORAGE**

15 **1:10.16.1** Outside storage of **COMBUSTIBLE MATERIALS** shall not be located within 15 FT.
16 (4.6m) of a property line, building, or adjacent pile of combustible material.

17 **1:10.16.3.1** The **SEPARATION DISTANCE** shall be allowed to be increased where the AHJ
18 determines that a higher hazard to the adjoining property exists.

19 **1:10.16.5** Combustible storage in the open shall not exceed 20 ft (6.1m) in height or 10,000 ft² in
20 area.

21 **1:10.16.6 FIRE ACCESS FOR OUTSIDE STORAGE:** Approved aisles, driveways and
22 uniform passageways shall be provided to permit access for fire-fighting operations.

23 **1:10.16.7 OUTSIDE COMBUSTIBLE MATERIAL STORAGE:** The Fire Chief or designee
24 may require that storage upon any land of any combustible material in quantities that require a

1 permit or that pose a fire exposure hazard shall be enclosed by an approved fence or other
2 protective device.

3 **1:10.19.7 FUELED EQUIPMENT**, including but not limited to motorcycles, mopeds, lawn
4 care equipment and portable cooking equipment, shall not be stored, operated, or repaired **within**
5 **a building**, on a balcony, or under any overhanging portion, except under one of the following
6 conditions:

7 (1) The building or room has been constructed for such use in accordance with the building
8 code.

9 (2) The use is allowed by other provisions of this code.

10 **1:10.19.7.1 FUELED EQUIPMENT**, including but not limited to motorcycles, mopeds, lawn-
11 care equipment, and portable cooking equipment, shall not be stored, operated, or repaired, in a
12 non-approved parking area within 15 FT. of a building entrance/egress.

13 **1:10.20.1** Structures intended as **CHILDREN’S PLAYGROUNDS**, installed indoors and which
14 exceed 10 ft. (3.1m) in height or 160 ft² (14.9 m²) in area shall comply with specifications in
15 10.20.1.1

16 **1:10.21 FLAME RETARDANTS:** An individual, firm or corporation may not sell or offer for
17 sale in Baltimore County, any type of flame retardant, flame proofing or fire extinguishing
18 compound, powder or liquid unless the product is listed by Underwriters’ Laboratories, Inc., or
19 other recognized independent testing laboratory acceptable to the Chief or designee.

20 **CHAPTER 11 BUILDING SERVICES**

21 **1:11.1.9.3.2 DOORS TO ELECTRICAL CONTROL PANEL ROOMS** shall be marked with
22 a plainly visible and legible sign stating electrical room or similar approved wording in letters
23 contrasting to their background, not less than 1 in. (25mm) high and not less than ¼ in. (6.4mm)
24 in stroke width.

1 **1:11.1.11 ELECTRIC SERVICE CLEARANCE.** A clear space of not less than 30 inches
2 (762mm) in width, 36 inches (914mm) in depth, and 78 inches (1981mm) in height shall be
3 provided in front of electrical service equipment. Where electrical service equipment is wider
4 than 30 inches (762mm), the clear space shall not be less than the width of the equipment. No
5 storage of any materials shall be located within the designated clear space. Exception: where
6 other specialized dimensions are required or permitted by NFPA 70 National Electrical Code.

7 **1:11.3.6.1.1** All fire service elevator keys within the jurisdiction shall be uniform and specific for
8 the jurisdiction. All new keys shall be cut to a uniform key code to comply with the Maryland
9 State Elevator Code.

10 **1:11.5.2.4 UNVENTED PORTABLE KEROSENE-FIRED HEATERS:**

11 **1:11.5.2.4.1** The sale or use of un-vented portable kerosene-fired heaters shall be permitted only
12 if the heater or appliance meets UL subject 647 and bears a label so listing.

13 **1:11.5.2.4.2** With the written consent of the property owner, un-vented portable kerosene-fired
14 heaters may be used subject to the following conditions:

15 (1) The use in residential occupancies shall be restricted to only one and two family dwellings.

16 (2) Kerosene heaters are prohibited in multifamily occupancies.

17 (3) The units may be used in the course of hunting or camping activities.

18 (4) The units may be used in agricultural buildings and in outbuildings. That is, a building used
19 in connection with the main building, but smaller than the main building and located separate
20 and apart from the main building.

21 (5) The units may be used in buildings under construction.

22 (6) The units may be used in certain “commercial establishments” where not otherwise
23 prohibited by this code. Portable kerosene heaters may not be located in such a manner as to
24 obstruct exits.

- 1 **1:11.5.2.4.3** Un-vented portable kerosene-fired heaters are prohibited in the following
2 occupancies:
- 3 (1) Places of assembly
 - 4 (2) Day-care Centers
 - 5 (3) Educational occupancies
 - 6 (4) Health Care occupancies
 - 7 (5) Hotels and motels
 - 8 (6) Buildings where open flame devices would readily ignite flammable liquid vapor, explosives,
9 or dust
 - 10 (7) Buildings over 3 stories in height

11 **1:11.5.2.4.4** The manufacturer shall affix to each portable kerosene heater, in a safe and
12 prominent place, a non-detachable warning label which states: “ Warning: this unit must be used
13 in an area, which has proper ventilation. Consult owner’s manual for details and instructions.
14 Use of this heater may be dangerous to persons with respiratory or circulatory disorders. Only
15 “water-clear” kerosene meeting 1-k (ASTM) specifications should be used in this heater. This
16 device must not be operated while the building is unattended.”

17 **1:11.9.1 THE EMERGENCY COMMAND CENTER** location, design, content, and fire
18 department access shall be approved by AHJ.

19 **1:11.9.4(6)** Material safety data sheets.

20 **1:11.12.1.1** Provisions of this Section shall not apply to detached parking shade structures,
21 carports, solar trellises, and similar structures.

22 **CHAPTER 13 FIRE PROTECTION SYSTEMS**

23 **1:13.1.4.1 FIRE DEPARTMENT CONNECTION ACCESS:** No material, obstruction, or
24 vehicle shall be placed within fifteen (15) feet of any fire department connections. Fire

1 department connections feeding standpipe systems or automatic sprinkler systems shall be
2 installed in a location approved by the chief or designee as found in Baltimore County Fire
3 Department, Standard Design Bulletin 87-1.

4 **STANDPIPE SYSTEMS**

5 **1:13.2.1.1 FLOOR CONTROL VALVES:** In multi-story buildings where fire resistive stair
6 enclosures are required, standpipe risers with sprinkler floor control valves shall have floor
7 control valves located within fire resistive stair enclosures.

8 **1:13.2.2.2 ALL NEW BUILDINGS** shall be equipped with approved standpipe systems where
9 required by the International Building Code as incorporated by reference by the Maryland
10 Building Performance Standards. Where a Class III system is required, a Class I system shall be
11 permitted.

12 **AUTOMATIC SPRINKLERS**

13 **1:13.3.1.1.1 DESIGN OF PLANS:** Design of plans and preparation of calculations for
14 automatic sprinkler and spray fire suppression systems, fire standpipe systems and fire pumps
15 shall be prepared under supervision of a registered professional engineer, competent in the field
16 of fire protection engineering and automatic sprinkler system design or a certified engineering
17 technician possessing a level III or higher certification in automatic sprinkler system layout from
18 the national Institute of Certification in Engineering Technologies (NICET). Plans shall be
19 signed, giving NICET level and certification number, or by seal of a professional engineer who
20 is registered in the state of Maryland.

21 **1:13.3.1.1.2 PLANS AND CALCULATIONS REQUIRED AT SITE:** A copy of the as-built
22 sprinkler plans and hydraulic calculations for every sprinkler system shall be kept permanently
23 on site in a water resistant tube or box affixed to the sprinkler riser in the control valve room.

24 **1:13.3.1.1.3 SPRINKLER SYSTEMS HYDRAULIC CALCULATIONS:** The velocity

1 pressure method of hydraulic calculation shall not be utilized in calculating sprinkler or
2 standpipe system demands.

3 **1:13.3.1.2.1** For new ceiling installations, drop-out ceilings as referenced in NFPA 13,
4 Subsection 8.15.14.1, shall be prohibited.

5 **1:13.3.1.2.2 DRY PIPE TRIP TEST:** All dry pipe sprinkler systems shall be capable of
6 providing water to the inspector's test within 60 seconds.

7 **1:13.3.1.2.3 WATER FLOW ALARM:** A water flow alarm, where required, will result in an
8 audible alarm on the premises within 60 seconds after flow begins.

9 **1:13.3.1.2.4 SERVICE CHUTE SPRINKLERS:** In buildings greater than three stories,
10 building service chute sprinklers shall have a separate fire alarm zone.

11 **1:13.3.1.2.5 CONTROL VALVE LOCATION:** Sprinkler control valves must be located in an
12 area that is accessible to sprinkler maintenance personnel without entering through or into an
13 individual dwelling unit unless the valve controls only that portion of the system protecting that
14 dwelling unit.

15 **1:13.3.1.2.6 SIGNAGE:** Signage shall be installed on control valves or access panels to 13D and
16 13R sprinkler systems stating the following: " Caution, sprinkler system piping, do not disturb
17 insulation" - "Before altering system or taking system out of service, contact the Baltimore
18 County Fire Department Fire Marshal's Office (410) 887-4880".

19 **1:13.3.1.2.7 QUICK RESPONSE HEADS REQUIRED:** When required by this code, all use
20 group A (assembly), use group I (institutional), use group R (residential), and high-rise sprinkler
21 systems shall utilize quick response or residential sprinkler heads, listed by a recognized
22 independent testing laboratory, and installed in compliance with their listing.

23 **1:13.3.1.2.8 DRY PIPE SYSTEMS PROHIBITED:** Dry pipe sprinkler systems shall not be
24 installed in normally occupied areas unless approval is obtained from the Baltimore County Fire

1 Chief or designee.

2 **1:13.3.1.7.3 SUPERVISION OF FIRE SUPPRESSION SYSTEMS:** Fire suppression systems
3 in new buildings and existing buildings shall be supervised by locking valves in the open
4 position and in accordance with NFPA 72 by one of the following methods:

5 (1) Approved central station system

6 (2) Approved proprietary system

7 (3) Approved remote station system

8 (4) Approved local alarm service that will cause the sounding of an audible signal at a constantly
9 attended location in accordance with NFPA 72.

10 Exceptions:

11 (1) Underground gate valves with roadway boxes.

12 (2) Halogenated or other clean agent extinguishing systems.

13 (3) Carbon dioxide extinguishing systems.

14 (4) Dry chemical extinguishing systems.

15 (5) Water sprinkler system when servicing 20 or fewer sprinklers.

16 (6) Systems installed in compliance with NFPA 13D, "Standard for the installation of sprinkler
17 systems in one and two family dwellings and mobile homes".

18 (7) Systems installed in compliance with NFPA 13R that are not equipped with a separate
19 control valve.

20 **1:13.3.2.1 WHERE REQUIRED:** Where required by this code, the referenced codes and
21 standards listed in chapter 2 of NFPA 1, or the Baltimore County Building Code, automatic
22 sprinkler systems shall be installed in accordance with NFPA 1 section 13.3.1.

1 **1:13.3.2.1.1 ALL NEW BUILDINGS** shall be equipped with an automatic sprinkler system or
2 other automatic fire suppression system where required by the International Building Code as
3 incorporated by reference by the Maryland Building Performance Standards.

4 Exception: Day Care facilities that comply with the sprinkler requirements of NFPA 101 Life
5 Safety Code (2012) edition.

6 **1:13.3.2.26.2.3* EXISTING HIGH-RISE BUILDINGS:** The entire building shall be required
7 to be protected by an approved automatic sprinkler system by October 13, 2013.

8 Exception: in the case of a residential building established as a condominium or cooperative
9 regime:

10 (1) After receiving notice, a building owner(s) shall file with the Authority Having Jurisdiction
11 for approval the estimate and statement required by subsection (2). The filing shall be made on
12 or before January 1, 2003.

13 (2) A building owner(s) shall file an estimate of the cost of compliance with this regulation,
14 including the cost for hazard insurance without compliance and the cost for hazard insurance
15 with compliance, and a statement of intent to comply with this regulation or in the case of a
16 residential building established as a condominium or cooperative regime, a statement, on a form
17 determined by the authority having jurisdiction, signed by at least seventy-five percent (75%) of
18 all condominium unit ownership or cooperative unit shareholders authorizing and accepting a
19 waiver of compliance with this regulation, notwithstanding any risk of non-compliance. The
20 building owner may amend the statement of waiver at any time by giving notice to the authority
21 having jurisdiction. The authority having jurisdiction may request that the owner conduct a re-
22 certification process, every four years or more from the last date of acceptance of a waiver, in
23 order to obtain a renewed statement of waiver of compliance.

1 (3) The authority having jurisdiction shall review and respond to the filing within 60 days of
2 receipt.

3 (4) The entire building shall be required to be protected by an approved, automatic sprinkler by
4 October 13, 2013, unless the statement of waiver authorized by subsection (2) is filed with the
5 Authority Having Jurisdiction.

6 **1:13.3.2.27.6 SPECULATIVE WAREHOUSE AUTOMATIC SPRINKLER SYSTEM**

7 **DESIGN:** The following criteria shall be incorporated into the design of automatic sprinkler
8 systems proposed for new or renovated speculative warehouse buildings.

9 (1) The system shall be designed to protect:

10 (A) NFPA 13 class IV commodities in solid piles protected for the maximum possible storage
11 height for the building,

12 (B) NFPA 13 class IV commodities in rack storage with 8 feet aisles with no in-rack sprinklers,
13 and

14 (C) NFPA 13 Group “A” plastics using in-rack sprinklers and designed to provide an
15 additional 300 gpm at the base of the riser.

16 (2) If ESFR sprinklers are used, the design criteria shall be based on the full height of the
17 building and storage height limit. An additional 500 gpm shall be added at the base of the riser
18 for in-rack sprinklers when required by design. A permanent metal or rigid plastic sign shall be
19 provided at the riser stating the commodity class protected, storage arrangement, and maximum
20 storage height. A facsimile of the sign shall be submitted with the sprinkler plans. The
21 minimum design shall be based on storage of class IV commodities up to 20 feet but shall not be
22 less than the storage height that the building is able to accommodate.

23 **SPRINKLER MAINTENANCE**

1 **1:13.3.3.1** A sprinkler system shall be properly maintained to provide at least the same level of
2 performance and protection as designed. The owner shall be responsible for maintaining the
3 system and keeping it in good working condition.

4 **1:13.3.3.2** A sprinkler system shall be inspected, tested, and maintained in accordance with
5 NFPA 25.

6 **FIRE PUMPS**

7 **1:13.4.1.1.1** No fire pump component, including pump, driver, or controller, shall be installed in
8 belowground vaults or pits unless otherwise approved by the AHJ.

9
10 **1:13.4.6.4.3 ACCEPTANCE TEST:** Fire pumps shall furnish not less than 150 percent of rated
11 capacity at a total head of not less than 65 percent of total rated head. If available suction
12 supplies do not permit the flowing of 150 percent of rated pump capacity, the fire pump shall be
13 operated at maximum allowable discharge to determine its acceptance subject to approval of the
14 Authority Having Jurisdiction. The shutoff total head for horizontal shaft pumps shall not exceed
15 140 percent of the total rated head. The inlet pressure available from a water supply shall be
16 figured on a basis of flow of 150 percent of the rated capacity of the pump, as indicated by flow
17 test. The pressure in public mains shall not be reduced in pressure below 20 psi (138 kpa) while
18 the pump is operating at 150 percent of its rated capacity.

19 **1:13.5.2 RURAL WATER SUPPLY REQUIRED:** Where no adequate and reliable water
20 supply exists for fire-fighting purposes, the requirements of NFPA 1142, Standard on Water
21 Supplies for Suburban and Rural Fire Fighting, shall apply.

22 Exception no.1: Developments consisting solely of one and two family dwellings need only
23 comply with the requirements of 1:18.3.2 of this code.

24 Exception no.2: Buildings equipped with an automatic sprinkler system complying with NFPA
25 13 or 13R need not comply with the requirements of NFPA 1142.

1 **PORTABLE FIRE EXTINGUISHERS**

2 **1:13.6.2* WHERE REQUIRED:** Fire extinguishers shall be provided where required by this
3 code as specified in table 1:13.6.2 and the referenced codes and standards listed in chapter 2
4 unless otherwise permitted by the AHJ.

5 **1:13.6.2.1 GARDEN APARTMENT EXTINGUISHER LOCATIONS:** Fire extinguishers
6 shall be required only in hazardous areas of garden apartment buildings.

7 **1:13.6.3.3.3 SALE OF EXTINGUISHERS:** It shall be unlawful for any person, either as
8 principal or agent, to sell or offer for sale any fire extinguisher, whether new or used, unless that
9 extinguisher has been listed/approved and labeled by the Underwriter's Laboratories, Inc.,
10 Factory Mutual Laboratories, or other testing laboratory approved by the fire official.

11 **1:13.6.6.3 NON-APPROVED EXTINGUISHERS:** No portable fire extinguisher shall be
12 considered to be approved, even if it bears a listing or an approval label from a recognized
13 testing laboratory if the extinguisher contains any of the following liquids:

14 Ethylene dibromide

15 Carbon tetrachloride

16 Chlorobromomethane

17 Azeotropic chloromethane

18 Dibromodifluoromethane

19 1, 2-dibromo-2-chloro-1, 2-trifluoroethane

20 1,2-dibromo-2, 2-difluoroethane

21 Methyl bromide

22 Ethylene dibromide

23 1, 2-dibromotetrafluoroethane

24 Hydrogen bromide

1 Methylene bromide

2 Bromodifluoromethane

3 Dichlorodifluoromethane

4 Or any other toxic or poisonous liquid

5 **1:13.6.9.1.2.1*** Persons performing maintenance and recharging of extinguishers shall be
6 certified or licensed as required by the AHJ.

7 **1:13.6.9.1.2.3 FIRE EXTINGUISHERS:** No person shall service, repair, fill, refill or recharge
8 portable fire extinguishers, unless that person has first obtained from the Baltimore County
9 Department of Permits and Development Management with approval of the Fire Chief or
10 designee, a license in the name of the person performing the work on the extinguishers.
11 Application for such license shall be made annually in the form prescribed by the Chief or
12 designee.

13 **1:13.7.2.22.1.2** Storage occupancies less than three stories, with ordinary or high hazard contents
14 not exceeding an aggregate floor area of 100,000 ft² (9300m²) shall not be required to have a
15 fire alarm system. [101:42.3.4.1.2]

16 **1:13.7.2.22.1.3** Storage occupancies less than three stories, protected throughout by an approved
17 automatic sprinkler system in accordance with section 13.3 shall not be required to have a fire
18 alarm system. [101:42.3.4.1.3]

19 **1:13.7.2.24.4.4 SMOKE ALARMS:** Approved battery-operated smoke alarms, rather than
20 house electric service-powered smoke alarms required by 13.7.2.24.4.3 shall be permitted where,
21 in the opinion of the Authority Having Jurisdiction, the facility has testing, maintenance, and
22 battery replacement programs that ensure reliability of power to the smoke alarms. [101:17.6.3.4.4]

23 **1:13.7.3.1.3 ANNUNCIATION**

24 **1:13.7.3.1.3.1 ALARM SIGNALS:** On all fire alarm systems, annunciation of alarm signals

1 shall indicate the type of device sending the alarm, (area smoke detector, elevator lobby detector,
2 sprinkler water flow, heat detectors, manual pull stations, dry chemical, carbon dioxide systems,
3 halon or other clean agent systems) the floor and the zone of the alarm. Fire alarm zones shall
4 parallel sprinkler zones.

5 **1:13.7.3.1.3.2 SUPERVISORY SIGNALS:** On all fire alarm systems, annunciation of
6 supervisory signals shall indicate the type of device sending the supervisory signal, the floor and
7 the zone involved. The annunciator shall indicate a valve tamper by displaying the location of the
8 zone affected not the location of the valve.

9 **1:13.7.3.1.3.3 ZONE SIZE:** The maximum single floor area covered by any zone shall be
10 20,000 square feet. The length of any single zone shall not exceed 300 feet in any direction.
11 Exceptions to these criteria may be made at the discretion of the fire official.

12 **1:13.7.3.1.3.4 ANNUNCIATOR:** A separate annunciator panel shall be provided at the main
13 entrance in all buildings of new construction, for all required alarm systems, when the fire alarm
14 control panel is not located at this point or does not provide annunciation as required by
15 subsections of 1:13.7.3.1.3. Where more than one main entrance is provided the annunciator(s)
16 shall be located as designated by the fire chief or designee.

17 **1:13.7.3.1.3.5 GRAPHIC ANNUNCIATOR:** A graphic annunciator shall be provided in all
18 buildings of new construction of the following types:

19 (1) High rise buildings;

20 (2) Covered malls;

21 (3) Nursing homes and hospitals;

22 (4) Buildings of 45 feet or higher in height, as measured from the lowest point at grade to the
23 roof level, and greater than 20,000 square feet per floor;

24 (5) Buildings less than 45 feet in height, as measured from the lowest point at grade to the roof

1 level, and greater than 100,000 square feet per floor, where due to the complexity of the
2 buildings, the hazard of the occupancy or operation or the potential risk from fire to the occupant
3 or responding fire fighters is such that the fire chief or designee deems a graphic annunciator to
4 be necessary.

5 **1:13.7.3.1.3.6** Graphic(s) with alphanumeric annunciation will be considered and may be
6 approved by the Fire Chief or designee.

7 **1:13.7.3.1.3.7 WHEN A GRAPHIC ANNUNCIATOR IS REQUIRED**, plans shall be
8 reviewed by the AHJ prior to installation and include the following information and displays:

9 (1) A plan, elevation or isometric view of the entire building, such that the physical location of
10 pertinent details is easily recognizable.

11 (2) Each fire zone shall be identified in the relative position it occupies in the building and shall
12 be indicated by an individual red lamp that operates upon activation of an alarm signal in that
13 zone. Supervisory zones shall generally parallel alarm zones and shall be indicated in amber.

14 (3) Indication of the availability for service of fire pumps and emergency generator.

15 (4) The location of all primary and secondary entrances, Fire Department Siamese connections,
16 stair towers, elevators and elevator lobbies, sprinkler and standpipe control valves, fire pumps,
17 emergency generators, internal fire walls and smoke barriers; a site orientation and a point of
18 reference within the structure.

19 **1:13.7.3.1.3.8 STANDARDIZED ABBREVIATIONS FOR ALPHANUMERIC DISPLAYS:**

20 Only the following abbreviations shall be used:

HEAT = HEAT DETECTOR	HOOD = HOOD SYSTEM
PRSP = PREACTION SPRINKLER SYSTEM	DRY = DRY PIPE SYSTEM
ELV = ELEVATOR	SD = SMOKE DETECTOR
GEN = GENERATOR	PUMP = FIRE PUMP
STPR= STAIR PRESSURIZATION	SPR = SPRINKLER
FLOW = WATER FLOW ALARM	TMPR = TAMPER
ZONE = ZONE	TRBL = TROUBLE

FLR = FLOOR	PULL = MANUAL PULL
DUCT = DUCT DETECTOR	

1
2 N, E, S, W, NE, SE, NW, AND SW will indicate directional locations.

3 **1:13.7.3.1.4 CERTIFICATION AND MAINTENANCE OF FIRE ALARM**

4 **INSTALLATIONS:** All fire alarm installations and maintenance of all fire alarm systems shall
5 be in compliance with the requirements of the Fire Prevention and Building Codes of Baltimore
6 County, and shall be installed and maintained in accordance with these regulations by an
7 Underwriter’s Laboratory, Inc. (UL) listed fire alarm contractor or a Factory Mutual (FM
8 Global) approved fire alarm contractor, listed by UL or FM for installation and maintenance of
9 “protective signaling systems” or other nationally recognized testing laboratory. The fire alarm
10 company shall meet all UL or FM requirements for UL listed or FM approved protective
11 signaling systems, and shall provide a copy of the UL certificate or FM placard to the Fire Chief
12 or designee for all newly installed systems that are required by this code. A current UL
13 certificate or FM placard shall be maintained and renewed as necessary for all required alarm
14 systems installed after October 19, 2001. The fire alarm contractor shall notify the Fire Chief or
15 designee and building owner in writing of any termination of maintenance contracts of any fire
16 alarm system. Maintenance criteria, is found in and shall be in accordance with NFPA 72,
17 applicable to the particular system installed and applicable state regulations. For the purpose of
18 initial contractor certification, the fire department may waive the issuance of a certificate for a
19 period not to exceed one (1) year with a maximum of four (4) installations to allow inspection
20 and listing of contractor by a listing authority.

21 **1:13.7.3.1.5 PLACARDS:** All fire alarm systems shall have affixed to the fire alarm panel a
22 warning placard reading, “Warning, systems must only be serviced by UL certified (or FM
23 approved) contractor ”. The placard shall warn of contacting the Baltimore County Fire

1 Marshal's office prior to making any modifications or additions to the fire alarm system and that
2 failure to comply may result in a fine being assessed. All newly UL certified or FM approved
3 fire alarm systems shall have an attached sticker on the fire alarm panel indicating preliminary
4 inspection approval by a UL or FM certification contractor and include the name and phone
5 number of the certification contractor for the purpose of allowing temporary building occupancy.
6 The sticker shall measure four (4) inches by four (4) inches.

7 **1:13.7.3.2.2.3.1 AS-BUILT DRAWINGS:** A copy of the as-built fire alarm plans for every fire
8 alarm system shall be kept permanently on site in a water resistant tube or box affixed to or near
9 the fire alarm panel.

10 **OTHER FIRE PROTECTION SYSTEMS**

11 **1:13.8.1 CARBON DIOXIDE:** Carbon dioxide systems shall incorporate the following items
12 into design and acceptance:

13 (1) Reserve capacity as identified in NFPA 12, 2011 edition (unless the area is also protected by
14 an automatic sprinkler system or exempted by the Fire Chief or designee).

15 (2) Full scale discharge test.

16 (3) Alarm annunciation to the building fire alarm system shall be provided when the building is
17 required by the Fire or Building Code to have a fire alarm system that is initiated by the carbon
18 dioxide system discharge sequence.

19 (4) Lights that flash when the system operates shall be located at each entrance to the hazard
20 enclosure, adjacent to the required warning sign.

21 Exception: system installations not required by the Building or Fire codes of Baltimore County
22 shall be exempt from the requirements of subsections (1) and (2) of this subsection.

23 **1:13.8.2 HALON:** Halon systems shall incorporate the following items into their design and
24 acceptance:

1 (1) Reserve capacity as identified in NFPA 12A, 2009 edition (unless the area is also protected
2 by an automatic sprinkler system or exempted by the fire chief or designee). A test shall be
3 conducted in accordance with NFPA standards.

4 (2) Alarm annunciation to the building fire alarm system shall be installed when the building is
5 required by the Fire or Building Code to have a fire alarm system (manual or automatic) upon
6 initiation of the halon system discharge sequence.

7 (3) Lights that flash when the system is operated located at each entrance to the hazard
8 enclosure, adjacent to the required warning sign.

9 Exception: System installations not required by the Building or Fire Codes of Baltimore County
10 shall be exempt from the requirements of subsections (1) and (2) of this subsection.

11 **1:13.8.3 OTHER EXTINGUISHING AGENTS:** Upon approval of the fire official, other
12 extinguishing agents may be utilized if installed in compliance with the appropriate NFPA
13 standard.

14 **CHAPTER 14 MEANS OF EGRESS**

15 **1:14.5.2.8.1(6) STAIRWAY RE-ENTRY:** Designated re-entry levels shall allow unobstructed
16 access to another exit.

17 **1:14.13.1.2** For the purposes of 14.13.1.1, **EXIT ACCESS** shall include, but not be limited to,
18 designated stairs, aisles, corridors, ramps, escalators and passageways leading to an exit. For the
19 purposes of 14.13.1.1, **EXIT DISCHARGE** shall include only designated stairs, ramps, aisles,
20 walkways and escalators leading to a public way. [101: 7.9.1.2]

21 **1:14.14.1.8.1 COLOR:** Any new or replacement exit signs shall have green letters on a white
22 background or other approved distinguishable background color.

23 **CHAPTER 16 SAFEGUARDS DURING CONSTRUCTION**

24 **1:16.4.3.1.3* WATER SUPPLIES AVAILABILITY:** Where fire protection water supplies are

1 required to be provided, they shall be installed and made available for use not later than the time
2 when the construction of any individual building is under roof. A crusher run road for access to
3 buildings and hydrants shall be available for and usable by emergency fire apparatus and capable
4 of handling emergency apparatus weighing 70,000 pounds when construction of any building is
5 under roof.

6 **CHAPTER 18 FIRE DEPARTMENT ACCESS AND WATER SUPPLY**

7 **1:18.1.3.1 FIRE APPARATUS ACCESS.** Plans for fire apparatus access roads shall be
8 submitted to the AHJ for review and approval prior to construction.

9 **1:18.1.3.2 FIRE HYDRANT SYSTEMS.** Plans and specifications for fire hydrant systems
10 shall be submitted to the AHJ for review and approval prior to construction.

11 **1:18.2.3.1.1 ACCESS ROADS AND FIRE LANES:** The Fire Chief or designee shall have
12 the authority to require Fire Department access roads and fire lanes for buildings where deemed
13 necessary for fire fighting operations.

14 **1:18.2.3.2.1 A Fire Department ACCESS ROAD SHALL EXTEND TO** within 50 ft (15 m) of
15 at least one exterior door acceptable to the AHJ, that can be opened from the outside and that
16 provides access to the interior of the building.

17 **1:18.2.3.5.3 FIRE LANE SIGNS:** It shall be the property owner's responsibility to assume the
18 financial cost for any designated fire lane signs as required under this code.

19 **1:18.3.2 RESIDENTIAL RURAL WATER REQUIREMENTS:** All developments of ten (10)
20 building lots or more that had not undergone development plan conference review prior to
21 October 19, 2001 that are not served by a municipal water supply shall have provisions for a
22 water source which is capable of supplying fire fighting operations with four hundred (400)
23 gallons per minute for a time period of thirty (30) minutes. The water source shall be accessible
24 and available for fire fighting operations throughout the entire year. The water source must be

1 within two thousand (2,000) feet of every building envelope within the development as measured
2 by travel over a road suitable for fire apparatus use and approved by the Fire Chief or designee.
3 If a water source which is located on an adjoining development or property will be utilized to
4 satisfy this requirement, then a recorded easement in favor of the property to be developed,
5 which states that the planned development may use the water source to comply with this
6 requirement, must be obtained and a copy of the easement provided to the Fire Chief or designee
7 prior to approval of the plan. A suitable water source must be approved by the Chief or designee
8 and may consist of:

9 (1) A pond or stream that meets all the above requirements.

10 (2) A cistern.

11 (3) An underground fiberglass tank.

12 (4) A drafting hydrant served by a water source meeting the requirements of this subsection.

13 (5) A dry standpipe served by a water source meeting the requirements of this subsection.

14 **1:18.3.2.1 HOUSES PROTECTED BY SPRINKLERS:** Houses within the development that
15 are protected by a sprinkler system complying with NFPA 13D will be exempt from the
16 Residential Rural Water Requirements of section 1:18.3.9.

17 **1:18.3.2.2 TANK MAINTENANCE:** If an underground fiberglass storage tank is used to
18 satisfy the requirements of this subsection, the homeowner's association of the development
19 shall be responsible for the repair or replacement of the tank.

20 **1:18.4.5 Fire Flow Requirements for Buildings**

21 **1:18.4.5.2.3:** Required fire flow shall be reduced by 75 percent for open parking structures of
22 Type I or Type II construction that are not protected throughout by an automatic sprinkler
23 system. The resulting fire flow shall not be less than 1,000 gpm (3,785 L/min.)

24 **1:18.5.1.1 FIRE HYDRANTS:** Fire hydrants shall be located in a pattern approved by the Fire

1 Chief or his designee:

2 (1) Fire hydrants shall be placed at least forty feet (40') from buildings. When hydrants cannot
3 be placed at this distance, the fire official may permit a lesser distance provided the location
4 minimizes the possibility of injury by falling walls and is one from which people are not likely to
5 be driven by smoke and heat.

6 (2) There shall be a sufficient number of hydrants to make streams available to every part of the
7 exterior of the building.

8 (3) Hydrants shall be of standard triple type outlet. Make and model of the fire hydrants shall be
9 of a type recognized by the Baltimore County Department of Public Works as described in the
10 Standard Design Manual.

11 **1:18.5.2.1 PRIVATE HYDRANT THREADS:** All private hydrants shall have the same thread
12 requirement as public hydrants. The Baltimore County Standard thread for the 4 ½" steamer
13 nozzle shall conform to the County Plate W-30, dated March 5, 1982

14 **1:18.5.3 OBSTRUCTIONS:** Erection of fences or any other obstruction less than fifteen (15)
15 feet from any fire hydrant is prohibited.

16 **1:18.5.3.1 ACCESS TO FIRE HYDRANTS:** Free access from the street to fire hydrants shall
17 be provided and maintained at all times. No material or obstruction shall be placed within fifteen
18 feet (15') of such hydrants.

19 **1:18.5.6.1 PERMITS FOR HYDRANT USE:** Use of public fire hydrants in Baltimore County
20 is prohibited unless a permit has been obtained from Baltimore County.

21 **1:18.5.7.4. PRIVATE HYDRANTS SUPPLIED BY FIRE PUMPS:** Private fire hydrants
22 located on the discharge side of the fire pumps shall have their bonnets painted white in order to
23 indicate that said hydrants are off the discharge side of a fire pump. Exceptions for presently
24 existing systems may be granted at the discretion of the Chief of the Fire Department or

1 Designee.

2 **1:18.5.7.5 PRIVATE HYDRANT COLOR:** Private fire hydrants shall be painted red to
3 distinguish them from public (orange) hydrants.

4 **CHAPTER 19 COMBUSTIBLE WASTE AND REFUSE**

5 **1:19.2.1.3.1 REMOVAL OF CONTENTS:** The contents of waste and refuse containers shall
6 not be allowed to accumulate in such a manner that would prevent the full closing of any
7 required lid, cover, door or other device. If such condition exists, the container shall be emptied
8 or the contents reduced to an acceptable level.

9 **1: 19.2.1.4.1 CONTAINERS:** Waste and refuse containers with a capacity greater than 1.5 cubic
10 yards, kept outside of buildings shall:

11 (1) Be constructed of a non-combustible material.

12 (2) Be equipped with a lid cover and/or door so as to impede the spread of fire from within the
13 container.

14 (3) Be placed on stands of non-combustible materials or on the ground outdoors.

15 (4) Not be placed closer than 15 feet to structural walls or partitions constructed of combustible
16 materials, or openings in exterior walls, or beneath combustible overhangs unless approved by
17 the chief or designee, or unless the walls are visual screens only.

18 Exception: Commercial trash compactors installed in compliance with provisions in the Building
19 Code of Baltimore County shall be exempt from the requirements of this subsection.

20 **CHAPTER 20 OCCUPANCY FIRE SAFETY**

21 **ASSEMBLY OCCUPANCIES**

22 **1:20.1.5.10.3.1.1 POSTING OF OCCUPANT LOAD:** In every place of public assembly there
23 shall be a certificate no less than five and one-half inches by eight and one-half inches in size

1 permanently posted in a conspicuous place near the main entrance in the assembly room. Such
2 certificate shall be furnished by the Fire Marshal's office of Baltimore County and shall read as
3 follows:

4 CAPACITY CERTIFICATE

5 NOT MORE THAN

6 (NUMBER)

7 PERSONS ALLOWED IN

8 (NAME OF ASSEMBLY)

9 AT ANY TIME.

10 BALTIMORE COUNTY FIRE DEPARTMENT

11 Such a certificate shall be posted before any new place of public assembly is opened for business
12 as well as in existing places of public assembly. It shall be the owner's responsibility for
13 installation and maintenance of such signs.

14 **1:20.1.5.10.3.1.1.1** The maximum number of occupants permitted shall be determined in the
15 manner prescribed by the NFPA 101, and may not be exceeded.

16 **1:20.1.5.10.3.1.1.2** The Fire Chief or designee may, at the written request of the owner or
17 occupant of any building or place of assembly, post as the maximum occupancy of the building
18 or place of assembly a lesser number of persons than the number calculated in accordance with
19 subsection 1:20.1.5.10.3.1.1.1.

20 **EDUCATIONAL OCCUPANCIES**

21 **1:20.2.4.6 EVACUATION ALARM:** When a fire, smoke, or hazardous condition is discovered
22 in an educational occupancy the evacuation alarm shall be activated to initiate an evacuation of
23 the building.

1 **DAY-CARE OCCUPANCIES**

2 **1:20.3.4.1.1 CLASSIFICATION:** In new day-care homes, the requirements of 20.3.4 shall
3 apply to day-care homes in which not more than 12 clients receive care, maintenance, and
4 supervision by other than their relative(s) or legal guardian(s) for less than 24 hours per day,
5 generally within a dwelling unit. [101:16.6.1.1.2; 16.1.4]

6 **1:20.3.4.2.3.5.1 FURNISHINGS AND DECORATIONS:** Draperies, curtains, and other
7 similar furnishings and decorations in day-care occupancies other than day-care homes shall be
8 in accordance with the provisions of section 12.6.2 of NFPA 1.

9 **1:20.3.4.2.3.5.4* DAY-CARE STAFF:** Adequate adult staff shall be on duty, alert, and in the
10 facility at all times where clients are present. (101:16.7.5; 101:17.7.5)

11 Exception: day-care homes with no more than three clients for overnight lodging.

12 **1:20.5.2.5.5 RESIDENTIAL BOARD AND CARE EVACUATION CLASSIFICATION:**

13 All small residential board and care facility operators are required to submit documentation of
14 the evacuation capability of their facility on an annual basis to the Chief or designee. This
15 documentation shall be developed using the forms and procedures found in NFPA 101A, Guide
16 on Alternative Approaches to Life Safety, 2012 edition. If the evacuation capability of the
17 facility changes due to changes in the status of individual clients or for any other reason, the
18 operator of the facility must notify the Chief or designee in writing within 10 days of the date of
19 the change.

20 **CHAPTER 25 TENTS, BLEACHERS, ...**

21 **1:25.2.2.1** All **TENT FABRIC** shall meet the flame propagation performance criteria contained
22 in NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, or
23 other approved testing standard approved by the State Fire Marshal. [101:11.11.2.1]

1 **CHAPTER 28 MARINAS AND BOATYARDS**

2 **FIXED FIRE EXTINGUISHMENT SYSTEMS**

3 **1:28.1.6.2.1.1 BUILDINGS IN EXCESS OF 500 SQUARE FEET** that are constructed on
4 piers shall be protected by an approved automatic fire-extinguishing system unless otherwise
5 permitted by NFPA 1 sections 28.1.6.2.1.2, 28.1.6.2.1.3.

6 **1:28.1.6.2.1.4 COVERED SLIPS LESS THAN 12,000 SQUARE FEET** in total area,
7 considering water supply availability and adequacy, and size of facility, where clearly
8 impractical for economic or physical reasons, shall not be required to be protected by an
9 automatic fire-extinguishing system.

10 **FIRE STANDPIPE SYSTEMS**

11 **1:28.1.6.3.8 FLOW REQUIREMENTS:** standpipes shall be designed to provide 250 gpm at
12 100-psi nozzle pressure at the most remote outlet from the shoreline Siamese connection.

13 **1:28.1.6.3.9 PIPE SIZE:** minimum pipe size shall be 2-½ inch.

14 **1:28.1.6.3.10 HOSE OUTLET REQUIREMENTS:** standpipe hose outlets shall be mounted
15 between 9 inches and 18 inches above the pier decking. Standpipe hose outlets shall be provided
16 at 100-foot intervals along the pier or bulkhead. One outlet shall be provided within 100 feet of
17 the closest point of fire department pumper access or at the point where the pier joins the
18 shoreline if the closest point of fire department pumper access is more than 100 feet from the
19 point where the pier joins the shoreline. Standpipe outlets shall be 2-½ inch with national
20 standard threads.

21 **1:28.1.6.3.11 PROTECTION OF C.P.V.C. PIPE:** When C.P.V.C. piping is used, all
22 connections and piping shall be protected against mechanical damage and UV light damage as
23 approved by the Fire Official.

1 **1:28.1.6.3.12 NEW PIERS AND ADDITIONS:** the provisions of NFPA 303, 2011 edition,
2 subsection 6.4, fire standpipe systems, shall apply to all newly constructed piers and bulkheads
3 as well as any additions to any existing piers or bulkheads.

4 **1:28.1.6.3.13 EXISTING PIERS:** The provisions of NFPA 303, 2011 edition, subsection 6.4,
5 fire standpipe systems, do not apply to existing facilities that were built to the applicable
6 Building and Fire Codes or policies that were in effect at the time of their construction.

7 **1:28.1.6.3.14 ACCEPTANCE TESTS:** The Chief or designee shall witness:

8 A hydrostatic test of 200 psi for 2 hours, a flow test at a minimum 250 gpm at 100 psi discharge,
9 and a drainage test to determine that the entire system can be drained after each use.

10 **1:28.1.6.3.15 PERIODIC TEST:** An annual flow test at a minimum of 250 gpm at 100 psi
11 discharge and a drainage test to determine that the entire system can be drained after each use
12 shall be conducted during the months of March or April.

13 **1:28.1.6.3.16 FIRE DEPARTMENT CONNECTION:** Approved Fire Department Siamese
14 connections shall be installed in an approved manner and location at the shoreline at the
15 beginning of the pier or wharf.

16 Exception: On floating piers the Siamese connection will be at the beginning of the first floating
17 section.

18 **1:28.1.6.3.17 DRAINS: STANDPIPES** shall be designed to be dry and shall be pitched and
19 provided with drains accordingly.

20 **1:28.1.6.4.1 FLOW REQUIREMENTS:** At least one water supply which is capable of
21 supplying a minimum of 1,000 gallons per minute shall be provided within 150 feet of the
22 shoreline Siamese connection or as prescribed by the Chief or designee.

23 **1:28.1.6.4.2 TYPES OF SUPPLY:** Acceptable fire protection water supplies shall include

1 public fire hydrants, private fire hydrants, and “suction points” or other water supplies approved
2 by the Chief or designee.

3 **1:28.1.6.4.3 “SUCTION” POINT DESIGN:** NFPA 1142, 2012 edition shall be used as a
4 guide, with a minimum pipe size being six (6) inches. Pumper connection on suction point shall
5 be six (6) inch with Baltimore County Fire Department approved threads.

6 **CHAPTER 29 PARKING GARAGES**

7 **1:29.1.4 FLAMMABLE GAS POWERED VEHICLES PROHIBITED:** Motor vehicles
8 powered by or containing flammable gases shall be prohibited from passing through or parking
9 in all below grade levels and in all non-open air parking structures unless such structures are
10 specifically designed to safely accommodate such motor vehicles and approved by the Chief or
11 designee. Entrances to parking structures serving or having access to such prohibited areas shall
12 be posted with conspicuous signs prohibiting motor vehicles powered by or containing
13 flammable gases from entering therein, unless such areas are designed to safely accommodate
14 such motor vehicles. The design shall be approved by the Fire Chief or designee prior to the
15 fabrication and installation of such signs.

16 **CHAPTER 31 FOREST PRODUCTS (INCLUDING LUMBER)**

17 **1:31.3.3.4.1.3 STORAGE SEPARATION: OPEN YARD STORAGE OF LUMBER** shall be
18 located at least 25 feet from adjacent property lines so as to provide reasonable protection against
19 exposure hazards. Where a distance of 25 feet cannot be maintained, a three-hour fire resistive
20 masonry firewall of minimum height of 25 feet shall be provided as equivalent protection.

21 **1:31.3.6.2.2(9)** Piles containing leaves and other extraneous or hogged material, such as whole
22 tree chip piles, shall be turned or reclaimed at least every 3 months.

23 **1:31.3.6.3.1* WOODCHIPS AND HOGGED MATERIALS:** Piles shall not exceed 18 feet in

1 height, 50 feet in width, or 350 feet in length. Piles shall be separated by fire lanes, 25 feet wide
2 at the base of piles.

3 **CHAPTER 42 REFUELING**

4 **1:42.7.5.5.1** The following information shall be conspicuously posted in this area:

5 (1) The exact address of the unattended self-service facility.

6 (2) The telephone number of the owner or operator of the unattended self-service facility.

7 **1:42.7.5.7** Management/owner, officials or employees shall conduct daily site visits to ensure
8 that all equipment is operating properly.

9 **1:42.7.5.8** Regular equipment inspection and maintenance at the unattended self-service facility
10 shall be conducted.

11 **1:42.7.5.9** Fuel dispensing equipment shall comply with one of the following:

12 (1) The amount of fuel being dispensed is limited in quantity by preprogrammed card.

13 (2) Dispensing devices shall be programmed or set to limit uninterrupted fuel delivery of not
14 more than 25 gallons and shall require a manual action to resume continued delivery.

15 **CHAPTER 50 COMMERCIAL COOKING EQUIPMENT**

16 **1:50.1.5 EQUIPMENT IN TRAILERS AND VEHICLES:** Cooking equipment that is
17 installed in a trailer or vehicle (e.g. chuck wagon or lunch wagon) must conform to requirements
18 of NFPA 96, 2011 edition and is not covered under this regulation.

19 **1:50.2.1.10 OUTDOOR COMMERCIAL COOKING OPERATIONS**

20 **1:50.2.1.10.1 SCOPE:** These requirements apply to commercial outdoor cooking operations
21 such as those that typically take place under a canopy or tent type structure at fairs, festivals and
22 carnivals. This includes but is not limited to frying, sautéing and grilling operations.

23 **1:50.2.1.10.2 TENT AND CANOPY REQUIREMENTS:** Tents or canopies where cooking

1 equipment not protected in accordance with NFPA 96 is located shall not be occupied by the
2 public and shall be separated from other tents, canopies, structures, or vehicles by a minimum of
3 10 ft. (3050 mm) unless otherwise approved by the AHJ.

4 **1:50.2.1.10.2.1** All canopy and tent material shall comply with the flame resistance requirements
5 found in Subsection 25.2.2.

6 **1:50.2.1.10.3 LP GAS FUEL REQUIREMENTS:**

7 **1:50.2.1.10.3.1** LP gas tank size shall be limited to 60 lbs. or less. Total amount of LP gas on site
8 shall not exceed 60 lbs. total for each appliance that is rated not more than 80,000 btu/hr. and
9 120 lbs. for each appliance rated above 80,000 btu/hr. (lp gas generates 21,548 btu/lb.).

10 **1:50.2.1.10.3.2** Tanks shall be maintained in good physical condition and shall have a valid
11 hydrostatic date stamp.

12 **1:50.2.1.10.3.3** Tanks shall be secured in their upright position with a chain, strap or other
13 approved method that prevents the tank from tipping over.

14 **1:50.2.1.10.3.4** Tanks shall be located so that they are not accessible to the public. LP gas tanks
15 shall be located at least 5 feet from any cooking or heating equipment or any open flame device.

16 **1:50.2.1.10.3.5** All LP gas equipment shall be properly maintained and comply with the
17 requirements of NFPA 58, 2011 edition.

18 **1:50.2.1.10.4 REGULATORS:** Single-stage regulators may not supply equipment that exceeds
19 100,000 btu/hr. Rating. Two-stage regulators shall be used with equipment exceeding 100,000
20 btu/hr.

21 **1:50.2.1.10.5 GENERAL SAFETY REQUIREMENTS**

22 **1:50.2.1.10.5.1** All electrical cords shall be maintained in a safe condition and shall be secured to
23 prevent damage.

1 **1:50.2.1.10.5.2** Cooking equipment that is equipped with wheels shall have the wheels removed
2 or shall be placed on blocks or otherwise secured to prevent movement of the appliance during
3 operation.

4 **1:50.2.1.10.5.3 EXTINGUISHER REQUIREMENTS:** A portable fire extinguisher having a
5 minimum rating of 20 BC shall be required for any LP gas cooking equipment. Additionally, a
6 K-type extinguisher shall be required to protect any deep frying equipment.

7 **1:50.4.4.3.1* EXISTING EQUIPMENT:** In existing systems, when changes in the cooking
8 media, positioning, or replacement of cooking equipment occur, the fire-extinguishing system
9 shall be made to comply with NFPA 1 section 50.4.4.3. Existing cooking equipment that has not
10 been modified and was installed and has been continuously maintained in compliance with UL
11 295 shall be allowed to continue in use unless new cooking equipment or new suppression
12 equipment is added or the cooking media has changed. Installation of reconditioned suppression
13 systems not in compliance with UL 300 is prohibited.

14 **1:50.5.2.9 NON-COMPLIANT EQUIPMENT:** An individual or service company shall not
15 service a cooking equipment suppression system required by NFPA 96, 2011 edition, if that
16 system is not in full compliance with all applicable sections of the fire code without making the
17 necessary modifications to bring the system into compliance with the Fire Code. If the owner of
18 a suppression system does not take the necessary measures to have the system modified to be in
19 full compliance with the code, the service company will tag the system out of service and send
20 written notice within 30 days to the Chief or designee that the system is out of service.

21 **CHAPTER 65 EXPLOSIVES, FIREWORKS and MODEL ROCKETRY**

22 **1:65.1.3 GROUND BASED SPARKLING DEVICES** and hand held sparklers: the sale,
23 handling and storage of ground based sparkling devices and hand held sparklers shall comply

1 with the provisions of NFPA 1 and COMAR Title 29.06.07.

2 **1:65.1.4 POSSESSION OR USE:** Except as otherwise provided, it shall be unlawful for any
3 person to possess, store, offer for sale, expose for sale, sell, use, burn or explode any fireworks;
4 provided, that the possession, sale or discharge of fireworks are permitted when such activities
5 are conducted under a permit issued by the State Fire Marshal.

6 **1:65.1.5 SIGNAL PURPOSES, SHOWS, ETC.:** Nothing in this section shall be construed to
7 prohibit the use of fireworks by railroads or other transportation agencies for signal purposes or
8 illumination, or the sale or use of blank cartridges for show or theater, or for signal or ceremonial
9 purposes in athletic, sport, boating, or use by military organizations.

10 **1:65.2.2.1 STORAGE:** No persons shall keep or store fireworks in the county for a period in
11 excess of eight hours unless such person shall have a valid permit from the State Fire Marshal for
12 display within the county and unless such storage site has been approved by the State Fire
13 Marshal's office (alternately Fire Prevention Division).

14 **1:65.5.3 MANUFACTURE:** It shall be unlawful to manufacture fireworks within Baltimore
15 County.

16 **CHAPTER 66 FLAMMABLE AND COMBUSTIBLE LIQUIDS**

17 **1:66.6.2 SIGNS REQUIRED:** The Chief or designee may require any establishment storing or
18 handling flammable or combustible liquids to be plainly marked with signs at all entrances to
19 areas where flammable or combustible liquids are stored or used, and at any other point as
20 required. Such signs shall comply with the standards in NFPA 704. Degrees of hazard shall be
21 assigned in accordance with the standards in NFPA 30.

22 **CHAPTER 69 LPG AND LNG**

23 **1: 69.2.1.4.2.1 EMERGENCY TELEPHONE NUMBERS:** Every container with an aggregate

1 water capacity of 100 pounds or more shall display a placard or other suitable permanent sign
2 that displays a 24 hour emergency telephone number that will enable the Fire Official to contact
3 a representative of the gas supplier at any time in the event of an emergency. Such sign must be
4 designed so as to be capable of being read at a distance of not less than 100 feet (minimum
5 lettering size 2-inch letters with 3/8-inch stroke).

6 **SECTION 6.** AND BE IT FURTHER ENACTED, that Sections 2.2.1, 3.3.62.3, 3.3.140.1,
7 3.3.188.4, 4.5.8, 4.6.12.1, 4.6.12.3, 4.7.1, 4.7.6, 4.8.2.4, 6.1.4.1, 7.2.1.5.12, 7.2.1.6.3.1, 7.2.1.7.1,
8 7.2.1.7.3, 7.5.4.1.5, 7.9.1.2, 7.10.1.8.1, 9.6.2.6.1, 9.6.5.2.1, 9.7.1.1.1, 9.7.5, 11.8.3.1.1, 11.8.6.3,
9 11.11.2.1, 12.2.4.1, 13.2.4.1, 13.3.5.1.1, 14.3.5.6, 15.3.5.6, 16.1.1.8, 16.2.11.1.1(4), 16.6.1.1.2,
10 16.6.1.4.1.1, 16.6.1.4.1.2, 16.6.1.7.1, 16.6.2.1.1, 16.6.2.2, 16.6.2.3, 16.6.2.4.5, 16.6.3.4.3.1,
11 16.7.5, 16.7.5.1, 17.1.1.8, 17.2.11.1.1(4), 17.6.1.1.2, 17.6.1.4.1.1, 17.6.1.4.1.2, 17.6.1.7.1,
12 17.6.2.1.1, 17.6.2.2, 17.6.2.3, 17.6.2.4.5, 17.6.3.4.4, 17.7.5, 17.7.5.1, 22.4.5.1.3, 22.4.5.1.4,
13 23.4.5.1.3, 23.4.5.1.4, 24.1.1.1, 24.2.2.3.3(5), 24.2.2.3.3(6), 24.2.5.1.4, 26.1.1.1, 30.3.4.1.1,
14 30.3.4.1.1.1, 31.3.4.1.1, 31.3.4.1.1.1, 32.2.2.3.1(5), 32.2.2.3.1(6), 32.3.1.3, 33.1.1.7,
15 33.2.2.3.1(5), 33.2.2.3.1(6), 33.3.3.4.8.1, 36.4.4.4.3.2, 38.2.4.4(3)(a), 42.3.4.1.2, 42.3.4.1.2.1,
16 42.3.4.1.3, 42.8.2.2.3.5 are hereby added to the National Fire Protection Association 101 Life
17 Safety Code to read as follows:

18 **101:2.2.1 WHEREVER NFPA 5000 IS REFERNCED,** other than for extracted text, substitute
19 the Baltimore County Building Code.

20 **CHAPTER 3 DEFINITIONS**

21 **101:3.3.62.3 BULKHEAD DOOR** means a type of door assembly covering an opening in the
22 ground providing direct access to a basement, the floor of which is not more than eight feet
23 below ground level. The door consists of a single rigid leaf, or two overlapping rigid leaves or

1 covers, which need to be pushed or lifted upwards in order to be opened. A person, after opening
2 the door, can then walk up a series of steps in order to escape to the outside.

3 **101:3.3.140.1 DAY-CARE HOME** means a building or portion of a building in which not more
4 than 12 clients receive care, maintenance, and supervision by other than their relative(s) or legal
5 guardian(s) for less than 24 hours per day.

6 **101:3.3.188.4 DAY-CARE OCCUPANCY** means an occupancy in which clients receive care,
7 maintenance, and supervision by other than their relatives or legal guardians for less than 24
8 hours per day.

9 **CHAPTER 4 GENERAL**

10 **101:4.5.8 MAINTENANCE.** Whenever or wherever any device, equipment, system, condition,
11 arrangement, level of protection, or any other feature is required, such device, equipment,
12 system, condition, arrangement, level of protection, or other feature shall thereafter be
13 maintained, unless this code exempts such maintenance.

14 **101:4.6.12.1 MAINTENANCE.** Whenever or wherever any device, equipment, system,
15 condition, arrangement, level of protection, fire-resistive construction, or any other feature is
16 required, such device, equipment, system, condition, arrangement, level of protection, fire-
17 resistive construction, or other feature shall thereafter be continuously maintained in accordance
18 with applicable NFPA requirements, requirements developed as part of a performance-based
19 design, or as directed by the AHJ.

20 **101:4.6.12.3 EXISTING LIFE SAFETY FEATURES** obvious to the public, if not required,
21 shall be either maintained or removed. The requirements of this code are not intended to provide
22 the basis for removal or abrogation of fire protection and safety systems and devices in existing
23 structures. Removal shall require approval of AHJ.

1 **101:4.7.1 FIRE DRILLS:** Where required, emergency egress and relocation drills conforming
2 to the provisions of this code shall be conducted as specified by the provisions of chapters 11
3 through 43, or by appropriate action of the Authority Having Jurisdiction. Drills shall be
4 designed in cooperation with the local authorities.

5 **101:4.7.6:** A written record of all fire drills shall be maintained for two years and shall be readily
6 available for reference and inspection purposes.

7 **101:4.8.2.4 EMERGENCY PLANS** shall be maintained in a location approved by the AHJ.

8 **CHAPTER 6 CLASSIFICATION**

9 **101:6.1.4.1 DAY-CARE OCCUPANCY** means an occupancy in which clients receive care,
10 maintenance, and supervision by other than their relatives or legal guardians for less than 24
11 hours per day.

12 **CHAPTER 7 MEANS OF EGRESS**

13 **101:7.2.1.5.12 LOCKS, LATCHES AND ALARM DEVICES** shall not be installed in
14 connection with any door assembly on which panic hardware or fire exit hardware is provided
15 where such devices prevent or are intended to prevent the free use of the leaf for purposes of
16 egress, unless otherwise provided in 7.2.1.6.

17 **101:7.2.1.6.3.1 ELEVATOR LOBBY EXIT ACCESS DOOR ASSEMBLIES LOCKING,**
18 where permitted by Chapters 11 through 43, door assemblies separating the elevator lobby from
19 the exit access required by 7.4.1.6.1 shall be permitted to be electrically locked, provided that all
20 the requirements of 7.2.1.6.3 are met and the assembly is approved by the AHJ.

21 **101:7.2.1.7.1 PANIC HARDWARE AND FIRE EXIT HARDWARE,** where a door assembly
22 is equipped with panic or fire exit hardware, such hardware shall meet all the following criteria:
23 (1) It shall consist of a cross bar or a push pad, the actuating portion of which extends across not

1 less than one-half of the width of the door leaf.

2 (2) It shall mount as follows:

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

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

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

9 **101:7.2.1.7.3 PANIC HARDWARE AND FIRE EXIT HARDWARE**, in other than detention
10 and correctional occupancies as otherwise provided in Chapter 22 and 23, shall not be equipped
11 with any locking device, set screw, or other arrangement that prevents the release of the latch
12 when pressure is applied to the releasing device.

13 **101:7.5.4.1.5 ACCESSIBLE MEANS OF EGRESS** requirements shall not apply to open
14 structures or open-air parking structures or portions thereof.

15 **101:7.9.1.2** For the purposes of 7.9.1.1; **EXIT ACCESS** shall include, but not be limited to,
16 designated stairs, aisles, corridors, ramps, escalators, and passageways leading to an exit; **EXIT**
17 **DISCHARGE** shall include, but not be limited to, designated stairs, ramps, aisles, walkways,
18 and escalators leading to a public way.

19 **101:7.10.1.8.1 COLOR:** With the effective date of this code, any new or replacement exit signs
20 shall have green letters on a white background or other approved distinguishable background
21 color.

22 **CHAPTER 9 BUILDING SERVICES AND FIRE PROTECTION EQUIPMENT**

23 **FIRE ALARM SYSTEMS**

1 **101:9.6.2.6.1** Section 9.6.2.6 does not permit the omission of manual fire **ALARM BOXES** in
2 accordance with other provisions of this subsection unless specifically permitted by chapters 11
3 through 43.

4 **101:9.6.5.2.1 MANUAL FIRE ALARM INITIATION** shall not activate floor or zone-
5 dependent smoke control systems.

6 **101:9.7.1.1.1 DROP-OUT CEILINGS** as referenced in NFPA 13, subsection 8.15.14, shall be
7 prohibited for new ceiling installations.

8 **101:9.7.5 MAINTENANCE AND TESTING.** All automatic sprinkler and standpipe systems
9 shall be inspected, tested, and maintained in accordance with NFPA 25, standard for the
10 Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems.

11 **CHAPTER 11 SPECIAL STRUCTURES AND HIGH-RISE BUILDINGS**

12 **101:11.8.3.1.1:** High rise buildings do not include a structure or building used exclusively for
13 open-air parking.

14 **101:11.8.6.3 FIRE SAFETY PLAN LOCATION.** A complete copy of the fire safety plan
15 shall be kept and maintained at all times in a suitable information cabinet which shall be
16 permanently mounted adjacent to the high rise command center referenced in the Building Code
17 of Baltimore County, Maryland. The cabinets shall also be utilized to house other emergency
18 information and equipment, including: elevator keys, elevator hoist way access keys, keys to fire
19 protection equipment, other pertinent information, keys, and equipment such as the building
20 owner may wish to make accessible during an emergency situation.

21 **101:11.11.2.1** All tent fabric shall meet the **FLAME PROPAGATION** performance criteria
22 contained in NFPA 701, standard methods of fire tests for flame propagation of textiles and
23 films, or other testing standard approved by the State Fire Marshal.

1 **CHAPTER 12 NEW ASSEMBLY OCCUPANCIES**

2 **101:12.2.4.1: THE NUMBER OF MEANS OF EGRESS** shall be in accordance with Section
3 7.4, other than exits for fenced outdoor assembly occupancies with 12.2.4.4.

4 (1) Not less than two separate exits shall be on every floor.

5 (2) Not less than two separate exits shall be accessible from every part of every story.

6 **CHAPTER 13 EXISTING ASSEMBLY OCCUPANCIES**

7 **101:13.2.4.1: THE NUMBER OF MEANS OF EGRESS** shall be in accordance with Section
8 7.4, other than exits for fenced outdoor assembly occupancies with 12.2.4.4.

9 (1)Not less than two separate exits shall be on every floor.

10 (2)Not less than two separate exits shall be accessible from every part of every story.

11 **101:13.3.5.1.1** Existing assembly occupancies listed in section 13.3.5.1 of NFPA 101 may be
12 exempt from the sprinkler requirements of that section if there has not been a history of
13 significant life safety violations. Examples of significant life safety violations include a history
14 of severe overcrowding, failure to maintain exits, or other violations that pose an imminent threat
15 to life safety as determined by the Fire Marshal.

16 **CHAPTER 14 NEW EDUCATIONAL OCCUPANCIES**

17 **101:14.3.5.6 EXTINGUISHERS:** Portable fire extinguishers shall be provided in accordance
18 with section 9.7.4.1 in all new educational occupancies. Designated employees shall be
19 instructed in the use of portable fire extinguishers.

20 **CHAPTER 15 EXISTING EDUCATIONAL OCCUPANCIES**

21 **101:15.3.5.6 EXTINGUISHERS:** Portable fire extinguishers shall be provided in accordance
22 with section 9.7.4.1 in all existing educational occupancies. Designated employees shall be
23 instructed in the use of portable fire extinguishers.

1 **CHAPTER 16 NEW DAY-CARE OCCUPANCIES**

2 **GENERAL REQUIREMENTS**

3 **101:16.1.1.8 BEFORE AND AFTER SCHOOL PROGRAM EXEMPTION:** Day-care
4 centers shall not be required to meet the provisions of this chapter where providing day-care for
5 school-age children before and after school hours in a building which is in use as a public school.
6 They shall not be required to meet requirements beyond those relative to educational
7 occupancies.

8 **101:16.2.11.1.1(4) WINDOWS FOR RESCUE:** A minimum net clear opening of 5.0 square
9 feet shall be permitted for secondary means of escape at grade.

10 **NEW DAY-CARE HOMES**

11 **GENERAL REQUIREMENTS**

12 **APPLICATION**

13 **101:16.6.1.1.2 NFPA 101 section 16.6** establishes life safety requirements for day-care homes in
14 which not more than 12 clients receive care, maintenance, and supervision by other than their
15 relative(s) or legal guardian(s) for less than 24 hours per day, generally within a dwelling unit.
16 (see also 16.6.1.4.)

17 **SUBCLASSIFICATION OF DAY-CARE HOMES**

18 **101:16.6.1.4.1.1 A FAMILY DAY-CARE HOME** is a day-care home in which fewer than
19 seven clients receive care, maintenance, and supervision by other than their relative(s) or legal
20 guardian(s) for less than 24 hours per day, generally within a dwelling unit. Requirements for
21 family day-care homes are based on a minimum staff-to-client ratio of one staff member for up
22 to eight clients, including the caretaker's own children under age six, with the number of clients
23 incapable of self-preservation not to exceed two.

1 **101:16.6.1.4.1.2 GROUP DAY-CARE HOME.** A group day-care home is a day-care home in
2 which not less than nine, but not more than twelve clients receive care, maintenance, and
3 supervision by other than their relative(s) or legal guardian(s) for less than 24 hours per day,
4 generally within a dwelling unit. Requirements for group day-care homes are based on a
5 minimum staff-to-client ratio of two staff members for up to 12 clients, with the number of
6 clients incapable of self-preservation not to exceed three. This staff-to-client ratio shall be
7 permitted to be modified by the authority having jurisdiction where safeguards in addition to
8 those specified by NFPA 101 section 16.6 are provided.

9 **101:16.6.1.7.1 IN FAMILY DAY-CARE HOMES,** all the following shall apply:

10 (1) The minimum staff-to-client ratio shall be not less than one staff for up to eight clients,
11 including the caretaker's own children under age six, incapable of self-preservation.

12 (2) There shall be not more than four clients incapable of self-preservation, including the
13 caretaker's own children, incapable of self preservation.

14 (3) A staff-to-client ratio of at least one staff to every two clients incapable of self-preservation
15 shall be maintained at all times.

16 (4) The staff-to-client ratio shall be permitted to be modified by the AHJ where safeguards in
17 addition to those specified in this section are provided.

18 **MEANS OF ESCAPE**

19 **101:16.6.2.1.1 BULKHEAD DOORS:** Bulkhead doors shall not be permitted to serve as a
20 primary means of escape.

21 **101:16.6.2.2 SLIDING DOORS:** For family day-care homes, a sliding door used as a required
22 means of egress shall comply with the following conditions:

23 (1) The sliding door shall have not more than one locking device that is easily operable and does

- 1 not require special knowledge, effort, or tools to operate.
- 2 (2) There shall not be draperies, screens, or storm doors that could impede egress.
- 3 (3) The sill or track height shall not exceed ½ inch above the interior finish floor.
- 4 (4) The surface onto which exit is made shall be an all weather surface such as deck, patio,
5 sidewalk, etc.
- 6 (5) The floor level outside the door may be one step lower than the inside, but not more than 8
7 inches lower.
- 8 (6) The sliding door shall open to a clear open width of at least 28 inches.
- 9 (7) Before day-care use, each day the sliding door shall be unlocked and tested to the full
10 required width to be sure it is operating properly, and the door shall be non-binding and slide
11 easily.
- 12 (8) During periods of snow or freezing rain, door tracks shall be cleared out and the door opened
13 periodically throughout the day in order to ensure proper operation.
- 14 **101:16.6.2.3 LOCKS:** For family day-care homes, dead-bolt locks shall be provided with
15 approved interior latches, or these locks shall be of a captured key design from which the key
16 cannot be removed from the interior side of the lock when the lock is in the locked position.
17 These locks shall be unlocked at all times when the home is occupied for the purpose of family
18 day-care.
- 19 Exception: a double-keyed dead-bolt lock may be used on the secondary means of escape if the
20 key is readily accessible and the lock is unlocked at all times the home is occupied for the
21 purpose of family day-care.
- 22 **101:16.6.2.4.5:** Where clients occupy a story below the level of exit discharge, that story shall
23 have not less than one means of escape complying with one of the following:

- 1 (1) Door leading directly to the outside with access to finish ground level.
- 2 (2) Door leading directly to an outside stair going to finished ground level.
- 3 (3) Bulkhead doors may not serve as a primary means of escape.
- 4 (4) Interior stair leading directly to the outside with access to finish ground level, separated
5 from other stories by a ½ hour fire barrier in accordance with Section 8.3.
- 6 (5) Interior stair leading directly to the outside with access to finished ground level separated
7 from other stories by a barrier that has been previously approved for use in a group day-
8 care home.

9 **DETECTION, ALARM ...**

10 **101:16.6.3.4.3.1 BATTERY-OPERATED DETECTORS** rather than house electric service-
11 powered detectors required by section 16.6.3.4.3 may be accepted when, in the opinion of the
12 Fire Chief or designee, the facility has demonstrated testing, maintenance, and battery
13 replacement programs that ensure reliability of power to the detector.

14 **OPERATING FEATURES**

15 **101:16.7.5 DAY-CARE STAFF:** Adequate adult staff shall be on duty, alert and in the facility
16 at all times where clients are present other than in day-care homes with no more than three
17 clients for overnight lodging.

18 **101:16.7.5.1 EMERGENCY FLASH LIGHT:** At least one operable flash light shall be
19 provided for each staff member located to be accessible to the staff for use in the event of a
20 power failure in new group day-care homes and family day-care homes.

21 **CHAPTER 17 EXISTING DAY-CARE OCCUPANCIES**

22 **101:17.1.1.8 BEFORE AND AFTER SCHOOL PROGRAM EXEMPTION:** Day care
23 centers shall not be required to meet the provisions of this chapter where providing day-care for

1 school-age children before and after school hours in a building which is in use as a public school.
2 They shall not be required to meet the requirements of this code for buildings beyond those
3 relative to educational occupancies.

4 **101:17.2.11.1.1(4) WINDOWS FOR RESCUE:** A minimum net clear opening of 5.0 ft² shall
5 be permitted for secondary means of escape at grade.

6 **101:17.6.1.1.2** NFPA 101 section 17.6 establishes life safety requirements for existing day-care
7 homes in which not more than 12 clients receive care, maintenance, and supervision by other
8 than their relative(s) or legal guardian(s) for less than 24 hours per day, generally within a
9 dwelling unit. An existing day-care home shall be permitted the option of meeting the
10 requirements of NFPA 101 section 16.6 in lieu of section 17.6. Any existing day-care home that
11 meets the requirements of NFPA 101 chapter 16 shall be judged as meeting the requirements of
12 this chapter.

13 **SUBCLASSIFICATION OF DAY-CARE HOMES**

14 **101:17.6.1.4.1.1 FAMILY DAY-CARE HOME.** A family day-care home is a day-care home in
15 which fewer than seven clients receive care, maintenance, and supervision by other than their
16 relative(s) or legal guardian(s) for less than 24 hours per day, generally within a dwelling unit.
17 Requirements for family day-care homes are based on a minimum staff-to-client ratio of one
18 staff member for up to eight clients, including the caretaker's own children under age six, with
19 the number of clients incapable of self-preservation not to exceed two.

20 **101:17.6.1.4.1.2 GROUP DAY-CARE HOME.** A group day-care home is a day-care home in
21 which not less than nine, but not more than 12, clients receive care, maintenance, and
22 supervision by other than their relative(s) or legal guardian(s) for less than 24 hours per day,
23 generally within a dwelling unit. Requirements for group day-care homes are based on a

1 minimum staff-to-client ratio of two staff members for up to 12 clients, with the number of
2 clients incapable of self-preservation not to exceed three. This staff-to-client ratio shall be
3 permitted to be modified by the Authority Having Jurisdiction where safeguards in addition to
4 those specified by NFPA 101 section 17.6 are provided.

5 **101:17.6.1.7.1 IN FAMILY DAY-CARE HOMES**, All of the following shall apply:

6 (1) The minimum staff-to-client ratio shall be not less than one staff member for up to eight
7 clients, including the caretaker's own children, incapable of self-preservation.

8 (2) There shall be not more than two clients incapable of self-preservation, including the
9 caretaker's own children, incapable of self preservation.

10 (3) A staff-to-client ratio of at least one staff member to every two clients incapable of self-
11 preservation shall be maintained at all times.

12 (4) The staff-to-client ratio shall be permitted to be modified by the AHJ where safeguards in
13 addition to those specified in this section are provided.

14 **MEANS OF ESCAPE**

15 **101:17.6.2.1.1 BULKHEAD DOORS:** Bulkhead doors shall not be permitted to serve as a
16 primary means of escape.

17 **101:17.6.2.2 SLIDING DOORS:** For family day-care homes, a sliding door used as a required
18 means of egress shall comply with the following conditions:

19 (1) The sliding door shall have not more than one, easily operated, locking device that does not
20 require special knowledge, effort, or tools to operate.

21 (2) There may not be draperies, screens, or storm doors that could impede egress.

22 (3) The sill or track height may not exceed ½ inch above the interior finish floor.

23 (4) The surface onto which exit is made shall be an all weather surface such as deck, patio,

1 sidewalk.

2 (5) The floor level outside the door may be one step lower than the inside, but not more than 8
3 inches lower.

4 (6) The sliding door shall open to a clear open width of at least 28 INCHES.

5 (7) Before day-care use, each day the sliding door shall be unlocked and tested to the full
6 required width to be sure it is operating properly, and the door shall be nonbinding and slide
7 easily.

8 (8) During periods of snow or freezing rain, door tracks shall be cleared out and the door opened
9 periodically throughout the day in order to ensure proper operation.

10 **101:17.6.2.3 LOCKS:** For family-day-care homes, dead-bolt locks shall be provided with
11 approved interior latches, or these locks shall be of a captured key design from which the key
12 cannot be removed from the interior side of the lock when the lock is in the locked position.

13 These locks shall be unlocked at all times when the home is occupied for the purpose of family
14 day-care.

15 Exception: a double-keyed dead-bolt lock may be used on the secondary means of escape if the
16 key is readily accessible and the lock is unlocked at all times the home is occupied for the
17 purpose of family day-care.

18 **101:17.6.2.4.5:** Where clients occupy a story below the level of exit discharge, that story shall
19 have not less than one means of escape complying with one of the following:

20 (1) Door leading directly to the outside with access to finish ground level.

21 (2) Door leading directly to an outside stair going to finished ground level.

22 (3) Bulkhead doors may not serve as a primary means of escape.

23 (4) Interior stair leading directly to the outside with access to finish ground level, separated

1 from other stories by a ½ hour fire barrier in accordance with Section 8.3.

2 (5) Interior stair leading directly to the outside with access to finished ground level separated
3 from other stories by a barrier that has been previously approved for use in a group day-
4 care home.

5 **101:17.6.3.4.4: DETECTION, ALARM, and COMMUNICATION SYSTEMS:** Approved
6 battery-powered smoke alarms, rather than house electrical service-powered smoke alarms
7 required by 17.6.3.4.3, shall be permitted where the facility has testing, maintenance and battery
8 replacement programs that ensure reliability of power to the smoke alarms.

9 **OPERATING FEATURES**

10 **101:17.7.5* DAY-CARE STAFF:** Adequate adult staff shall be on duty, alert, awake, and in the
11 facility at all times where clients are present other than in day-care homes with no more than
12 three clients for overnight lodging.

13 **101:17.7.5.1 EMERGENCY FLASH LIGHT:** At least one operable flash light shall be
14 provided for each staff member located to be accessible to the staff for use in the event of a
15 power failure in existing group day-care homes and family day-care homes.

16 **CHAPTER 22 NEW DETENTION AND CORRECTIONAL OCCUPANCIES**

17 **101:22.4.5.1.3 LOCKUPS** in occupancies, other than detention, correctional and health care
18 occupancies, where the holding area has capacity for not more than 50 detainees, and where no
19 individual is detained for 24 hours or more, shall comply with section 101: 22.4.5.1.4 of this
20 code shall only be permitted where the facility is under direct control and supervision of federal,
21 state, or local law enforcement agencies. Lockups in other occupancies shall be prohibited
22 unless the locking mechanism incorporates a dead-man switch or other device approved by the
23 Baltimore County Fire Marshal that releases the detainee automatically unless constantly

1 attended by staff.

2 **101:22.4.5.1.4 THE LOCKUP** shall be permitted to comply with the requirements for the
3 predominant occupancy in which the lockup is placed, provided that all of the following criteria
4 are met:

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

7 (2) Staff is in sufficient proximity to the lockup so as to be able to effect the 30 second release
8 required by section 101: 22.4.5.1.4(1) whenever detainees occupy the lockup.

9 (3) Staff is authorized to effect the release required by section 101: 22.4.5.1.4(1).

10 (4) Staff is trained and practiced in effecting the release required by section 101: 22.4.5.1.4(1).

11 (5) Where the release required by section 101: 22.4.5.1.4(1) is effected by means of remote
12 release, detainees are not to be restrained from evacuating without the assistance of others.

13 **CHAPTER 23 EXISTING DETENTION AND CORRECTIONAL OCCUPANCIES**

14 **101:23.4.5.1.3 LOCKUPS** in occupancies, other than detention, correctional and health care
15 occupancies, where the holding area has capacity for not more than 50 detainees, and where no
16 individual is detained for 24 hours or more, shall comply with section 101: 23.4.5.1.4 of this
17 code and shall only be permitted where the facility is under direct control and supervision of
18 federal, state, or local law enforcement agencies. Lockups in other occupancies shall be
19 prohibited unless the locking mechanism incorporates a dead-man switch or other device
20 approved by the Baltimore County Fire Marshal that releases the detainee automatically unless
21 constantly attended by staff.

1 **101:23.4.5.1.4 THE LOCKUP** shall be permitted to comply with the requirements for the
2 predominant occupancy in which the lockup is placed, provided that all of the following criteria
3 are met:

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

6 (2) Staff is in sufficient proximity to the lockup so as to be able to effect the 30 second release
7 required by section 101: 23.4.5.1.4(1) whenever detainees occupy the lockup.

8 (3) Staff is authorized to effect the release required by section 101: 23.4.5.1.4(1).

9 (4) Staff is trained and practiced in effecting the release required by section 101: 23.4.5.1.4(1).

10 (5) Where the release required by section 101: 23.4.5.1.4(1) is effected by means of remote
11 release, detainees are not to be restrained from evacuating without the assistance of others.

12 **CHAPTER 24 ONE-AND TWO-FAMILY DWELLINGS**

13 **101:24.1.1.1: APPLICATION:** The requirements of this chapter shall apply to one and two-
14 family dwellings, which shall include those buildings containing not more than two dwelling
15 units in which each dwelling unit is occupied by members of a single family with not more than
16 three outsiders.

17 **101:24.2.2.3.3(5) SECONDARY MEANS OF ESCAPE:** A minimum net clear opening of 5.0
18 square feet shall be permitted for secondary means of escape at grade.

19 **101:24.2.2.3.3(6) WINDOWS DESIGNATED AS RESCUE WINDOWS** meeting the
20 minimum net clear opening requirement but having a distance of greater than 44” from the floor
21 to the sill may have a platform installed. All of the following shall be required:

22 (1) The platform shall be a minimum of 9 square feet.

23 (2) No axis shall be less than 2’6”.

1 (3) The platform shall be permanently fastened.

2 (4) Platforms greater than 8" will be required to have an approved step as defined in
3 24.2.5.1.4.

4 (5) Platforms shall be constructed in a sturdy manner utilizing dimensional lumber for
5 the base and a minimum of 5/8" plywood for the surface.

6 **101:24.2.5.1.4** Maximum riser heights of 8-1/4 inches (210mm) and minimum tread depths of 9
7 inches (229mm) are permitted for stairs in new construction. A nosing of not less than 3/4 inch
8 (19mm) but not more than 1-1/4 inches (32mm) shall be provided on stairways with solid risers
9 where the tread depth is less than 11 inches (279m

10 **CHAPTER 26 LODGING OR ROOMING HOUSES**

11 **101:26.1.1.1** The requirements of this chapter shall apply to buildings that do not qualify as
12 one- and two-family dwellings that provide sleeping accommodations for 16 or fewer persons on
13 either a transient or permanent basis, with or without meals, but without separate cooking
14 facilities for individual occupants, except as provided in section 101:24.1.1.1 of this code.

15 **CHAPTER 30 NEW APARTMENT BUILDINGS**

16 **101:30.3.4.1.1:** Apartment buildings four or more stories in height or with 10 or more dwelling
17 units, other than those meeting the requirements of 30.3.4.1.2, shall be provided with a fire alarm
18 system in accordance with Section 9.6, except as modified by 30.3.4.2 through 30.3.4.5.

19 **101:30.3.4.1.1.1:** The AHJ shall have the authority to accept enhancements to established fire
20 alarm systems provided the components, installation, and all other aspects of the system are UL
21 Certifiable.

22 **CHAPTER 31 EXISTING APARTMENT BUILDINGS**

23 **101:31.3.4.1.1:** Apartment buildings four or more stories in height or with 10 or more dwelling

1 units, other than those meeting the requirements of 30.3.4.1.2, shall be provided with a fire alarm
2 system in accordance with Section 9.6, except as modified by 30.3.4.2 through 30.3.4.5.

3 **101:31.3.4.1.1.1:** The AHJ shall have the authority to accept enhancements to established fire
4 alarm systems provided the components, installation, and all other aspects of the system are UL
5 Certifiable.

6 **CHAPTER 32 NEW RESIDENTIAL BOARD AND CARE OCCUPANCIES**

7 **MEANS OF ESCAPE**

8 **101:32.2.2.3.1(5)** A minimum net clear opening of 5.0 square feet shall be permitted for
9 secondary means of escape at grade.

10 **101:32.2.2.3.1 (6) WINDOWS DESIGNATED AS RESCUE WINDOWS** meeting the
11 minimum net clear opening requirement but having a distance of greater than 44” from the floor
12 to the sill may have a platform installed. All of the following shall be required:

13 (1) The platform shall be a minimum of 9 square feet.

14 (2) No axis shall be less than 2’6”.

15 (3) The platform shall be permanently fastened.

16 (4) Platforms greater than 8” will be required to have an approved step as defined in
17 24.2.5.1.4.

18 (5) Platforms shall be constructed in a sturdy manner utilizing dimensional lumber for
19 the base and a minimum of 5/8” plywood for the surface.

20 **101:32.3.1.3. CONSTRUCTION REQUIREMENTS** for large facilities shall be as required
21 by section 33.3.1.3 of NFPA 101, 2009 edition.

22 **CHAPTER 33 EXISTING RESIDENTIAL BOARD AND CARE OCCUPANCIES**

23 **101:33.1.1.7** A permanent living unit for four to eight individuals with disabilities, in addition to

1 live-in staff, that was legally occupied as a residential board and care facility before January 1,
2 2007 is only required to comply with the requirements for a one and two family dwelling if
3 specific information is presented at least annually to the fire chief or designee that the residents
4 of the permanent living unit have no unique and specific needs which warrant imposition of the
5 fire safety standards required by either chapter 26, 32, or 33. A permanent living unit is one in
6 which an individual intends to reside for more than 30 days. Individuals with disabilities means
7 those persons who have a handicap as defined in the Federal Fair Housing Acts Amendment Act
8 of 1988, 42 U.S.C. section 3601 et seq.

9 **SECONDARY MEANS OF ESCAPE**

10 **101:33:2.2.3.1(5) A MINIMUM NET CLEAR OPENING** of 5.0 square feet shall be permitted
11 for secondary means of escape at grade.

12 **101:33:2.2.3.1(6) WINDOWS DESIGNATED AS RESCUE WINDOWS** meeting the
13 minimum net clear opening requirement but having a distance of greater than 44” from the floor
14 to the sill may have a platform installed. All of the following shall be required:

- 15 (1) The platform shall be a minimum of 9 square feet.
- 16 (2) No axis shall be less than 2’6”.
- 17 (3) The platform shall be permanently fastened.
- 18 (4) Platforms greater than 8” will be required to have an approved step as defined in
19 24.2.5.1.4.
- 20 (5) Platforms shall be constructed in a sturdy manner utilizing dimensional lumber for
21 the base and a minimum of 5/8” plywood for the surface.

22 **101:33.3.3.4.8.1: SMOKE DETECTION SYSTEMS** in all living areas, as defined in 3.3.21.5,
23 and all corridors shall be provided with smoke detectors that comply with *NFPA 72, National*

1 *Fire Alarm and Signal Code*, and are arranged to indicate an alarm that is audible in all sleeping
2 areas as modified by 33.3.3.4.8.3.

3 **101:36.4.4.3.2: OCCUPANT NOTIFICATION** by visual means shall not be required in
4 malls where approved alternative visual means of occupant notification is provided. (*See*
5 *9.6.3.5.7 and 9.6.3.5.8*)

6 **101:38.2.4.4(3)(a): NUMBER OF MEANS OF EGRESS:** The stair shall serve as an exit from
7 no other stories, with no other openings therein.

8 **CHAPTER 42 STORAGE OCCUPANCIES**

9 **101:42.3.4.1.2:** Storage occupancies less than 3 stories with ordinary and high hazard contents
10 not exceeding an aggregate floor area of 100,000 square feet shall not be required to have a fire
11 alarm system.

12 **101:42.3.4.1.2.1** Storage facilities that are **3 OR MORE stories** in height shall be provided with
13 a fire alarm system that provides occupant notification regardless of floor area.

14 **101:42.3.4.1.3:** Storage occupancies less than 3 stories, protected throughout by an approved
15 automatic sprinkler system in accordance with section 9.7 shall not be required to have a fire
16 alarm system.

17 **101:42.8.2.2.3.5** Subsection 7.2.2.5.1 of NFPA 101 shall not apply to open-air parking
18 structures.

19 **SECTION 7.** AND BE IT FURTHER ENACTED, that new Sections 13:8.15.14.1, and
20 13:22.4.4.9.1 are hereby added to NFPA 13 The National Fire Protection Association Standard
21 For The Installation Of Sprinkler Systems, 2010 Edition as part of the “Fire Prevention Code Of
22 Baltimore County” to read as follows:

1 **CHAPTER 8 INSTALLATION REQUIREMENTS**

2 **SPECIAL SITUATIONS**

3 **13:8.15.14.1 DROP-OUT CEILINGS** shall not be used in conjunction with sprinklers.

4 Existing installations that were installed in accordance with a previously adopted Fire Code may
5 continue in use as long as the ceiling and sprinkler system are continuously maintained in
6 accordance with their listing.

7 **CHAPTER 22 PLANS AND CALCULATIONS**

8 **HYDRAULIC CALCULATION PROCEDURES**

9 **13:22.4.4.9.1*** When calculating flow from an orifice, the total pressure (pt) shall be used. Flow
10 from a sprinkler shall be calculated using the nominal k-factor. The velocity pressure method
11 shall not be used in hydraulic calculations.

12 **SECTION 8.** AND BE IT FURTHER ENACTED, that if any provision of this Act or the
13 application of this act to any person or circumstance is held invalid for any reason in a court of
14 competent jurisdiction, the invalidity does not affect other provisions or any other application of
15 this act which can be given effect without the invalid provision or application, and for the
16 purpose the provisions of this act are declared severable.

17 **SECTION 9.** AND BE IT FURTHER ENACTED, that this Act, having been passed by an
18 affirmative vote of five members of the County Council, shall take effect December 29, 2013.