

COUNTY COUNCIL OF PRINCE GEORGE'S COUNTY, MARYLAND

1995 Legislative Session

Bill No. _____ CB-63-1995

Chapter No. _____ 48

Proposed and Presented by Chairwoman MacKinnon (by request - County Executive)

Introduced by _____ Council Members Del Giudice, Scott, and Wilson

Co-Sponsors

Date of Introduction _____ July 31, 1995

BILL

AN ACT concerning

The Building Code

For the purpose of adopting the 1993 editions of the BOCA National Building Code, National Mechanical Code and National Energy Conservation Code with certain additions, deletions, and modifications.

BY repealing:

SUBTITLE 4. BUILDING.

Sections 4-124, 4-128, 4-137, 4-162, 4-166, 4-180, 4-193, 4-198, 4-216, 4-218, 4-219, 4-226, 4-227, 4-234, 4-235, 4-237, 4-240, 4-243, 4-245, 4-246, 4-247, 4-248, 4-249, 4-250, and 4-251,

The Prince George's County Code
(1991 Edition, 1994 Supplement).

BY repealing and reenacting with amendments:

SUBTITLE 4. BUILDING.

Sections 4-101, 4-106, 4-107, 4-108, 4-109, 4-110, 4-111, 4-112, 4-113, 4-114, 4-115, 4-116, 4-117, 4-119, 4-120, 4-121, 4-122, 4-123, 4-125, 4-126, 4-127, 4-129, 4-130, 4-131, 4-132, 4-133, 4-134, 4-135, 4-136, 4-138, 4-139, 4-140, 4-141, 4-143, 4-144, 4-145, 4-146, 4-147, 4-148, 4-149, 4-150, 4-151, 4-152, 4-153, 4-154, 4-155, 4-156, 4-158, 4-159, 4-160, 4-161, 4-163, 4-164,

4-165, 4-167, 4-168, 4-169, 4-170, 4-171, 4-172, 4-173, 4-174, 4-175, 4-176, 4-178, 4-179, 4-180, 4-181, 4-182, 4-183, 4-184, 4-185, 4-186, 4-187, 4-188, 4-189, 4-190, 4-192, 4-194, 4-195, 4-196, 4-197, 4-200, 4-201, 4-202, 4-203, 4-204, 4-205, 4-206, 4-209, 4-210, 4-212, 4-213, 4-214, 4-215, 4-217, 4-220, 4-221, 4-222, 4-223, 4-224, 4-225, 4-228, 4-229, 4-230, 4-232, 4-233, 4-236, 4-238, 4-239, 4-241, 4-242, 4-244, 4-248, and 4-251,

The Prince George's County Code
(1991 Edition, 1994 Supplement,
as amended by CB-51-1995).

SECTION 1. BE IT ENACTED by the County Council of Prince George's County, Maryland, that Sections 4-124, 4-128, 4-137, 4-162, 4-166, 4-180, 4-193, 4-198, 4-216, 4-218, 4-219, 4-226, 4-227, 4-234, 4-235, 4-237, 4-240, 4-243, 4-245, 4-246, 4-247, 4-248, 4-249, 4-250, and 4-251, of the Prince George's County Code be and the same are hereby repealed:

SUBTITLE 4. BUILDING.

DIVISION 1. BUILDING CODE.

Subdivision 2. Amendments to the BOCA Code.

[Sec. 4-124.] **Reserved.**

[Sec. 4-128.] **Reserved.**

[Sec. 4-137.] **Reserved.**

[Sec. 4-162.] **Reserved.**

[Sec. 4-166.] **Reserved.**

[Sec. 4-180.] **Reserved.**

[Sec. 4-193.] **Reserved.**

[Sec. 4-198.] **Reserved.**

[Sec. 4-216.] **Reserved.**

[Sec. 4-218.] **Reserved.**

[Sec. 4-219.] **Reserved.**

[Sec. 4-226.] **Reserved.**

[Sec. 4-227.] **Reserved.**

Subdivision 3. Amendments to the Mechanical Code.

[Sec. 4-234.] **Reserved.**

[Sec. 4-235.] **Reserved.**

[Sec. 4-237.] **Reserved.**

[Sec. 4-240.] **Reserved.**

[Sec. 4-243.] **Reserved.**

[Sec. 4-245.] **Reserved.**

[Sec. 4-246.] **Reserved.**

[Sec. 4-247.] **Reserved.**

[Sec. 4-248.] **Reserved.**

[Sec. 4-249.] **Reserved.**

[Sec. 4-250.] **Reserved.**

[Sec. 4-251.] **Reserved.**

SECTION 2. BE IT FURTHER ENACTED that Sections 4-101, 4-106 through 4-117, 4-119 through 4-123, 4-125 through 4-127, 4-129 through 4-136, 4-138 through 4-141, 4-143, 4-145 through 4-156, 4-158 through 4-161, 4-163 through 4-165, 4-167 through 4-176, 4-178 through 4-190, 4-192, 4-194 through 4-197, 4-200 through 4-206, 4-209, 4-210, 4-212 through 4-215, 4-217, 4-220 through 4-225, 4-228 through 4-230, 4-232, 4-233, 4-236, 4-238, 4-239, 4-241, 4-242, 4-244, 4-248, and 4-251, of the Prince George's County Code be and the same are hereby repealed and reenacted with the following amendments:

SUBTITLE 4. BUILDING.

DIVISION 1. BUILDING CODE.

Subdivision 1. Adoption by Reference.

Sec. 4-101. Code - Adopted by Reference.

(a) The BOCA National Building Code, [Eleventh] Twelfth Edition, [1990] 1993, (hereinafter referred to as the BOCA Code), the BOCA National Mechanical Code, [Seventh] Eighth Edition, [1990] 1993, (hereinafter referred to as the Mechanical Code), and the [Basic]

BOCA National Energy Conservation Code, [1990] 1993, [Sixth] Seventh Edition, (hereinafter referred to as the Energy Code), published by the Building Officials and Code Administrators International (BOCA) are hereby adopted by reference and made a part of this Subtitle with the same force and effect as those set out in full herein as the official Building Code of Prince George's County, together with the changes, deletions, or modifications prescribed in this Subtitle.

Subdivision 2. Amendments to the BOCA Code.

Sec. 4-106. Administration [and enforcement]; Section [100.0] 101.0, Scope.

(a) The following amendments, additions, and/or deletions are made to Section [100.0] 101.0 of the BOCA Code:

(1) The following is added to the text of Subsection [100.2] 101.2, "Scope":

* * * * *

Sec. 4-107. Same; Section [101.0] 102.0, Applicability.

(a) The following amendments, additions, and/or deletions are made to Section [101.0] 102.0 of the BOCA Code:

(1) The following is added to the text of Subsection [101.1] 102.1 "General":

* * * * *

(2) Subsection [101.3] 102.3, titled "Matters not provided for", is deleted and a new Subsection [101.3] 102.4.1 titled "Updated Standards", is added to read:

* * * * *

(3) Subsection [101.3.1] 102.3.1, titled "Suspension of approval", is added to the BOCA Code to read:

* * * * *

Sec. 4-108. Same; Section [103.0] 102.2, Existing Structures.

(a) The following amendments, additions, and/or deletions are made to Section [103.0] 102.2 of the BOCA Code:

(1) The following sentence is added to the text of Subsection [103.3] 102.2, "[Additions, alterations or repairs] Existing structures": The requirements of this Section are affected by the provisions of this Division and the BOCA Code for Architectural Barrier Free

Design.

(2) A new Subsection [103.5] 102.2.1, titled "Other requirements," is added to read as follows: The requirement of [Subsection 512.9] Chapter 11. Accessibility that buildings which use turnstiles, cart corrals, or other interior or exterior traffic control devices and which are required to have a clearly marked route, which shall not be obstructed by locked gates during normal business hours, shall apply to all existing buildings, notwithstanding any other requirement of this BOCA Code.

Sec. 4-109. Same; Section [104.0] 107.0, [Repairs and Maintenance] Application for Permit.

(a) The following amendments, additions, and/or deletions are hereby made to Section [104.0] 107.0 of the BOCA Code:

(1) The text of Subsection [104.1] 107.1.1, "Repairs", is amended to read as follows:

* * * * *

(2) A new Subsection [104.1.1] 107.1.2, titled "Repairs to Residential Structures," is added to read as follows: All hotels, motels, and dormitories (Use Group R-1), multifamily dwellings (Use Group R-2), and multiple single-family dwellings (Use Group R-3) which, because of lack of maintenance or structural damage due to a fire, explosion, or natural causes, sustain damage which exceeds 50% of the assessed value of the building, excluding 10% for foundation, in the opinion of the Fire [Chief or his authorized representative] Code Official, shall have an approved automatic sprinkler system installed throughout the building as part of the scope of repairs to be completed.

Sec. 4-110. Same; Section [107.0] 106.0, Approval.

(a) The following amendments, additions, and/or deletions are made to Section [107.0] 106.0 of the BOCA Code:

(1) The text of Subsection [107.2] 106.2, "Modifications," is amended to read as follows:

* * * * *

Sec. 4-111. Same; Section [108.0] 114.0, Professional Architectural and Engineering

Services.

(a) The following amendments, additions, and/or deletions are made to Section [108.0] 114.0 of the BOCA Code:

(1) A new Subsection [108.1.1] 114.1.1, titled "Fire protection engineering design evaluation," is added to read as follows: All design for new construction work, alteration, addition, or modification work for buildings of the Use Groups listed in this Section shall be evaluated by a Fire Protection Engineer who is a registered Professional Engineer in the State of Maryland. An analysis, bearing the Engineer's signature and seal, shall be furnished evaluating the design compliance with applicable code requirements concerning egress, fire protection systems, construction type in accordance with Table [501] 503, the fire endurance ratings of structural elements contained in Table [401] 602, applicable provisions of Article 6, and any applicable NFPA codes and standards. The analysis may be contained in a separate report, or may be included as a portion of the design drawings, and must be submitted with the plans accompanying the application for a building permit for the following:

* * * * *

Sec. 4-112. Same; Section [109.0] 104.0, Building Inspection.

(a) The following amendments, additions, and/or deletions are made to Section [109.0] 104.0 of the BOCA Code:

- (1) Section [109.0] 104.0 is to be retitled "Building Inspection."
- (2) The text of Subsection [109.1] 104.1, "Code Official," is amended to read as follows:

follows:

* * * * *

Sec. 4-113. Same; Section [110.0] 105.0, Duties and Powers of Code Official; Fire safety provisions.

(a) The following amendments, additions, and/or deletions are made to Section [110.0] 105.0 of the BOCA Code:

(1) The following paragraph is added to the text of Section [110.6] 105.6, "Rule making authority," to read as follows: The construction of one- and two-family dwellings as required by the "The CABO One and Two Family Dwelling Code," [1989] 1992 Edition, as

authorized by the Building Officials and Code Administrators International Inc., the American Insurance Association, the Southern Building Congress, and the International Conference of Building Officials is hereby adopted as an official rule under the rule-making provisions of Section [110.0] 105.6, and is to be used in interpreting the requirements of the BOCA Code as they pertain to one- and two-family dwellings.

(2) A new Subsection [110.1.1] 105.1.1, titled "Fire Safety Provisions," is added to read as follows: The Fire Code Official or his authorized representative shall enforce all fire safety provisions of this Code. Where references to fire safety provisions in this Code indicate the term "Building Official or Code Official," they shall be meant to refer to the Fire Code Official or his authorized representative. In any conflict of opinion concerning fire safety of structures, the decision of the Fire Code Official shall supersede. In all other matters relating to structures, the decision of the Building Code Official shall supersede. The Fire Code Official shall be responsible for the final technical interpretation of all fire safety provisions within this code.

(3) The text of Subsection 105.7, "Departmental Records" is amended to read as follows: The Code Official shall keep official records of applications received, permits and certificates issued, fees collected, and reports of inspections. Construction Documents may be removed from file when the project is completed.

Sec. 4-114. Same; Section [111.0] 107.0, Application for Permit.

(a) The following amendments, additions, and/or deletions are made to Section [111.0] 107.0 of the BOCA Code:

(1) The following sentence is added to Subsection [111.1] 107.1, "When permit is required":

* * * * *

(2) The text of Subsection [111.3] 107.3, "By whom application is made," is amended to read as follows:

* * * * *

(3) The text of Subsection [111.5] 107.5, "[Plans and specifications] Construction Documents," is amended to read as follows:

* * * * *

(4) [The text of Subsection 111.6, "Site plan," is amended to read as follows: There shall also be a site plan showing to scale the size and location of all the new construction and all existing structures on the site, distances from lot lines, the established street grades and the proposed finished grades. The site plan shall be drawn in accordance with an accurate boundary line survey.

(5)] The text of Subsection [111.9] 107.9, "Time limitations of application," is amended to read as follows:

* * * * *

[(6)] (5) A new Subsection [111.10] 107.10, titled "Chesapeake Bay Critical Area," is added to read as follows:

* * * * *

Sec. 4-115. Same; Section [112.0] 108.0, Permits.

(a) The following amendments, additions, and/or deletions are made to Section [112.0] 108.0 of the BOCA Code:

(1) The text of Subsection [112.2] 108.2, "Suspension of permit," is amended in whole to read as follows:

* * * * *

(G) A permit issued for property within the area of a pending Sectional Map Amendment, as provided for in Subtitle 27 of this Code, that is rezoned to a less intense zone, shall expire if a completed building foundation for a use not permitted in the less intense zone has not been constructed pursuant to a validly issued permit prior to District Council approval of the Sectional Map Amendment. The determination of the Building Official made in accordance with Subsection [112.2.5] 108.2.1 of this Subtitle shall not be appealable to the Board of Appeals.

* * * * *

(2) A new Subsection [112.2.5] 108.2.1, titled "Expiration of Permit," is added to read as follows:

* * * * *

(3) The following sentence is added to Subsection [112.6] 108.6, "Revocation of

permits": In addition, the failure to locate utility lines on site, prior to starting any excavation deeper than twelve (12) inches, by not contacting in due time the Utility Service Protection Center, "Miss Utility," and nonmember utilities, as known, and having such utilities locate lines on site, shall be cause - irrespective of whether or not a utility line is ruptured - for revocation of the permit. In order to continue work for which a permit has been revoked, a new application shall be required as specified in Section [111.0] 108.0 of this BOCA Code.

Sec. 4-116. Same; Section [113.0] 111.0, Conditions of Permit.

(a) The following amendments, additions, and/or deletions are made to Section [113.0] 111.0 of the BOCA Code:

(1) A new Subsection [113.6] 111.5, titled "Location of underground utility lines prior to commencement of work," is added to Section [113.0] 111.1 to read as follows:

* * * * *

(2) A new Subsection [113.7] 111.6, titled "Acknowledgment of final grade," is added [to Section 113.0] to read as follows:

* * * * *

Sec. 4-117. Same; Section [114.0] 112.0, Fees.

(a) Section [114.0] 112.0 of the BOCA Code is deleted. The fee schedule for work performed in connection with the Building Code shall be as set forth in Section 4-352 of this Subtitle.

Sec. 4-119. Same; Section [117.0] 116.0, Violations.

(a) The following amendments, additions, and/or deletions are made to Section [117.0] 116.0 of the BOCA Code:

(1) The text of Subsection [117.4] 116.4, "Violation penalties," is amended in whole to read as follows:

* * * * *

Sec. 4-120. Same; Section [118.0] 117.0, Stop Work Order.

(a) The following amendments, additions, and/or deletions are made to Section [118.0] 117.0 of the BOCA Code:

(1) The text of Subsection [118.2] 117.2, "Unlawful continuance," is amended in

whole to read as follows:

* * * * *

Sec. 4-121. Same; Section [119.0] 118.0, Certificate of Use and Occupancy.

(a) The following amendments, additions, and/or deletions are made to Section [119.0] 118.0 to the BOCA Code:

(1) (A) A new Subsection [119.1.1] 118.1.1, titled "New One- Family Dwelling Units", is added to read as follows:

* * * * *

(2) A new Subsection [119.4.1] 118.4.1, titled "Change of Use, Owner, or Tenant" is added to read as follows:

* * * * *

(3) [A new] Subsection [119.4.2,] 118.3, is replaced with a new Subsection 118.3, titled "Issuance of Certificates of Occupancy" [is added] to read as follows:

* * * * *

Exception: [Buildings of mercantile (M), business (B), factory and industrial (F), and storage (S) uses] All buildings which undergo a change of owner or tenant only with no change of intended use, are not required to meet the fire safety requirements for a new building in order to obtain a Use and Occupancy Certificate. Such buildings, however, are required to comply with the provisions for existing buildings of state and local laws, ordinances, and regulations with respect to fire safety. [In addition, the height and area limitations, use group separation requirements of Subtitle 4, "Building Code," shall apply.]

Sec. 4-122. Same; Section [120.0] 119.0, Unsafe Structures and Equipment.

(a) The following amendments, additions, and/or deletions are hereby made to Section [120.0] 119.0 of the BOCA Code:

(1) The text of Subsection [120.3] 119.3, "Notice [of unsafe structure]," is amended as follows:

* * * * *

Sec. 4-123. Same; Section [121.0] 120.0, Emergency Measures.

(a) The following amendments, additions, and/or deletions are made to Section [121.0]

120.0 of the BOCA Code:

(1) A new Subsection [121.3.1] 120.1.1, titled "Abatement of uncompleted structures," is added to read as follows:

* * * * *

(2) The text of Subsection [121.5] 120.5, "Cost of emergency repairs," is amended in whole to read as follows: Costs incurred in the performance of emergency work shall be paid from the treasury of the jurisdiction on certificate of the Building Official. The legal counsel of the jurisdiction shall institute appropriate action against the owner of the premises where the unsafe conditioning was located for recovery of such costs, including, but not limited to, certification for a tax lien as provided by Section [121.6] 120.6.

(3) A new Subsection [121.6] 120.6, titled "Creation of Tax Lien," is added to read as follows:

* * * * *

Sec. 4-125. Same; Section [124.0] 121.0, Means of Appeals.

(a) Section [124.0] 121.0 of the BOCA Code is replaced in whole by a new Section [124.0] 121.0, titled "Board of Appeals," to read as follows:

(1) [124.1] 121.1 Appeals. The owner or occupant of a building or structure or any directly aggrieved person may appeal to the Board of Appeals from a final decision of the Building Official. Application for appeal may be made when it is claimed that the true intent of the BOCA Code or of this Subtitle has been incorrectly interpreted or applied. Notice of such appeal shall be in writing and filed within thirty (30) days after the decision is rendered by the Building Official. Provided, however, that in the case of a structure or dwelling unit which is unsafe or dangerous, or where inadequate sediment control measures exist and sediment is leaving a site, and in any other situation when the Chief Building Inspector has determined that immediate corrective action is necessary, the Building Official may, in his order, limit the time for such appeal to a shorter period. The Board of Appeals shall not have the power or duty to hear and decide an appeal regarding the expiration of a permit pursuant to Subsection [112.2.5] 108.2.1 of this Subtitle. Appeals hereunder shall be in accordance with Division 4, Board of Appeals, Subtitle 2, Administration, of the Prince George's County Code.

(2) [124.2] 121.2 Construction in the one hundred (100) year floodplain.

* * * * *

Sec. 4-126. Definitions; Section [201.0] 202.0, General Definitions.

(a) The following amendments, additions, and/or deletions are made to Section [201.0] 202.0 of the BOCA Code:

(1) The following definitions are inserted alphabetically into Section [201.0] 202.0:

Architectural barrier free design: All or any provisions contained in [Section 512.0] Chapter 11, titled ["Physically Handicapped and Aged"] "Accessibility", of the BOCA Code as is set forth in Section 4-139 of this Code.

* * * * *

(2) [The definition of "Fire area" is amended to read as follows]:

Fire area: The area enclosed and bounded by fire walls (Section 908.0) or exterior walls of a building to restrict the spread of fire.] Reserved.

* * * * *

(4) The following definition shall apply to Section [112.0] 108.0 of the BOCA Code as set forth in Section 4-115 of this Code:

Building Foundation: The placement of footings that will adequately and safely support all superimposed live and special loads of the building or structure for which the building permit has been issued, and that complies with all requirements of [Article 12] Chapter 18 of the BOCA Code.

Sec. 4-127. Use Group Classification; Section [301.0] 302.0, Classification.

(a) The following amendments, additions, and/or deletions are made to Section [301.0] 302.0 of the BOCA Code:

(1) Subsection [301.1] 302.1, titled "[General] Classifications," is amended by the addition of item 11 to read: 11. Use Group U-PU - public utility facilities (see Section [311A.0] 312A.0).

Sec. 4-129. Same; Section [309.0] 310.0, Use Group R, Residential Uses.

(a) The following amendments, additions, and/or deletions are made to Section [309.0] 310.0 of the BOCA Code:

(1) A new Subsection [309.1.1] 310.1.1, titled "Condominium dwelling units," is added [to Section 309.0] to read as follows: Condominium dwelling units shall be classified by the BOCA Code [the] in use group R-2 [and] or R-3 as appropriate for design and use.

(2) Add a new Subsection [309.4.2] 310.5.2 to read as follows: For fire protection design purposes only, Use Group R-3 structures shall include all buildings arranged for the use of one- or two-family dwelling units, including not more than 5 lodgers or boarders per family and multiple single-family dwellings where each unit has an independent means of egress, may be located above or adjacent to no more than 3 other single family dwelling units (Use Group R-3), and is separated by a 2 hour fire rated floor/ceiling assembly or fire wall assembly (see Section [909.0] 709.0).

* * * * *

Sec. 4-130. Same; Section [311A.0] 312A.0, Use Group U-PU, Public Utility Facilities.

(a) A new Section [311A.0] 312A.0 titled "Use Group U-PU, Public Utility Facilities," is added to the BOCA Code to read as follows:

(1) [311A.1] 312A.1 General. This use group is specifically intended to apply to installations constructed by public utilities or similar public service agencies to house equipment and/or mechanical facilities within or on buildings or premises used exclusively by the owning utility or agency (see Section [2700.2.1] 2701.2.1 of the BOCA Code), which are designed and constructed in accordance with the recognized practices and requirements of the specific utility industry (see Section [600.2] 415.1 of the BOCA Code). To qualify for inclusion in use group U-PU, the building or structure, designated portion of a mixed use occupancy shall:

* * * * *

(F) Not degrade the applicable requirements of this BOCA Code where such other code is used. [(See Section 101.5 of the BOCA Code.)].

(2) [311A.2] 312A.2 Exceptions. By the special purpose nature of structures and/or buildings, in use group U-PU, and the limited or controlled access thereto, and denial of access to the public, the structures shall not be subject to the provisions of the following Sections of the BOCA Code:

[Section 512.0 - Provisions for handicapped and aged] Chapter 11 - Accessibility

[Article 31] Chapter 13 - Energy Conservation

(3) [311A.3] 312A.3 Maintenance and repairs.

* * * * *

Sec. 4-131. Same; Section [312.0] 302.0, Doubtful Use Classification.

(a) The following amendments, additions, and/or deletions are made to Section [312.0] 302.0 of the BOCA Code:

(1) A new Subsection [312.2] 302.3, titled "Other provisions," is added to read as follows:

* * * * *

Sec. 4-132. Same; Section 313.0, Mixed Use and Occupancy.

(a) The following amendments, additions, and/or deletions are made to Section 313.0 of the BOCA Code:

(1) The text of Subsection 313.1.2, "Separated [Uses] Use Groups", is amended to read as follows: Each portion of a building shall be individually classified as to use and shall be completely separated from adjacent uses by fire separation assemblies (see Section [909.0] 709.0) and floor/ceiling assemblies (see Section [913.0] 713.0) having a fire resistance rating determined in accordance with Table [313.1.2] 302.1.1, and for the uses being separated. Each fire area shall comply with the code based on the use of that space. Each building shall comply with the height limitations of Sections [501.0] 503.0 and [503.0] 504.0 based on the use of that space and the type of construction classification. In each story, the building area shall be such that the sum of the ratios of the floor area of each use divided by the allowable area from Sections [501.0] 503.0 and [502.0] 506.0 for each use shall not exceed one. The provisions of [Article 10] Chapter 9 shall apply throughout the building.

Sec. 4-133. Types of Construction Classification; Section [401.0] 602.0, Construction Classification.

(a) The following amendments, additions, and/or deletions are made to Section [401.0] 602.0 of the BOCA Code:

(1) A new Subsection [401.1.1] 602.1.1, titled "Separation of tenant spaces," is added to read as follows: Separation of tenant spaces in all use groups, hotel rooms, and

dormitory rooms shall be of one (1) hour minimum rating. When a building is fully sprinklered, one (1) hour rated floor/ceiling assemblies and the fire rating requirements of their supports may be eliminated if not otherwise required by Table [401] 602 due to the type of construction.

Sec. 4-134. General Building Limitations; Section [502.0] 506.0, Area Modifications.

(a) The following amendments, additions, and/or deletions are made to Section [502.0] 506.0 of the BOCA Code:

(1) A new Subsection [502.1.1] 506.2.1, titled "Minimum Accessible Perimeter," is added to read as follows: All buildings and structures must have at least twenty-five (25) percent of the building perimeter fronting on a street or other unoccupied space not less than thirty (30) feet in width which is accessible from a road or a posted fire lane not less than [eighteen (18)] twenty (20) feet in width. The access road or fire lane and the unoccupied space must be capable of providing fire apparatus access under all weather conditions to within one hundred (100) feet of the building or structure.

Exceptions: (1) Buildings which are fully sprinklered in accordance with Section [1004.0] 906.0, and (2) Structures and buildings of Use Group U.

(2) In Subsection [502.2] 506.2.1, titled "Street frontage increase," in the last sentence, change "18 feet" to "20 feet."

(3) A new Subsection [502.2.1] 506.2.2, titled "Arrangement of Access," is added to read as follows: Access shall be in accordance with NFiPA 1141, "Fire Protection in Planned Building Groups," except as otherwise provided for in this Subtitle.

Sec. 4-135. Same; Section [503.0] 504.0, Height Modifications.

(a) The following amendments, additions, and/or deletions are made to Section [503.0] 504.0 of the BOCA Code:

(1) Subsection [503.3] 504.4, titled "Day Care Centers," is deleted.

Sec. 4-136. Same; Section [504.0] 507.0, Unlimited Areas.

(a) The following amendments, additions, and/or deletions are made to Section [504.0] 507.0 of the BOCA Code:

(1) Exceptions No. 2 and 4 to Section [504.1] 507.1 [is] are deleted.

(2) A new Subsection [504.3] 507.3, titled "Roof Vents," is added to read as

follows: The roof system of buildings of unlimited area shall be provided with smoke and heat vents designed in accordance with Sections [930.2] 922.2 and [930.3] 922.3. All roof smoke and heat vents shall be Underwriters Laboratory or Factory Mutual listed. Vents shall be automatic and heat or smoke actuated.

Sec. 4-138. Same; Section [510.0] 3205.0, Awnings and Canopies.

(a) The following amendments, additions, and/or deletions are made to Section [510.0] 3205.0 of the BOCA Code:

- (1) Subsection [510.2] 3205.0, "Retractable awnings," is deleted.
- (2) Subsection [510.3] 3205.3, "Fixed or permanent awnings," is deleted.

Sec. 4-139. [Same; Section 512.0, Physically Handicapped and Aged] Chapter 11. - Accessibility.

(a) [Section 512.0] Chapter 11 of the BOCA Code is replaced in whole by a new Section titled "Physically Handicapped and Aged." Buildings and facilities required to be accessible by this Section shall comply with ANSI A117.1 [1986] Chapter 35 [listed in Appendix A], unless otherwise stated in this Code as amendments. Design provisions for accessible units in new buildings constructed in the R-2 use groups shall be in accordance with the Federal Fair Housing Amendments Act of 1988.

(1) [512.1] 1101.1 Applicability: The provisions for physically handicapped and aged contained in the BOCA Code shall apply to all levels and areas used by the general public, by employees, or by persons visiting or on the premises for any reason, in use group A, B, E, F, I, M, S, and R unless otherwise exempted by this Code. Where it can be demonstrated that any of these provisions is not practical for the proposed use and occupancy, modifications may be sought under the provisions of Section [107.0] 106.0 of the BOCA Code. In the event of a conflict with any other requirement of this Subtitle, or of any other State or Federal law, the more stringent requirement shall prevail.

(A) [512.1.1] 1101.1.1 Exceptions: The following are exempt from the provisions of Section [512.0] Chapter 11 of the BOCA Code:

* * * * *

(iii) The provisions of [Section 512.0] Chapter 11 of the BOCA Code

shall apply to qualified historical buildings and facilities unless it can be demonstrated that strict compliance with these provisions will destroy the historic significance of the structure.

* * * * *

(2) [512.2] 1101.2 New buildings: All new buildings except buildings which are not intended for human habitation are required to meet the provisions for physically handicapped and aged of the BOCA Code:

(3) [512.3] 1101.3 Existing buildings: Existing buildings when altered or repaired shall be made to conform to the full requirements of the BOCA Code for new buildings, including the provisions of the BOCA Code for physically handicapped and aged, as specified in [Section 103.0] Chapter 34 of this BOCA Code, except as otherwise provided by this Section.

(4) Reserved

(5) [512.5] 1101.5 Use Group R, residential buildings

(A) [512.5.1] 1101.5.1 Accessible and usable units in R-1: All public use areas and all bedroom units shall be accessible and at least one (1) bedroom unit for every ten (10) bedroom units, or fraction thereof, in Use Group R-1 projects shall be made usable by the physically handicapped. The bedroom units allocated for the physically handicapped shall be proportionately distributed throughout all types of units.

(B) [512.5.2] 1101.5.2 Distribution of usable units in R-2:

* * * * *

(C) [512.5.3] 1101.5.3 Use Group R-3 and R-4:

* * * * *

(6) [512.6] 1101.6 Use Group A, places of public assembly

(A) [512.6.1] 1101.6.1 Assembly seating accommodations:

* * * * *

(7) [512.7] 1101.7 Parking lots and building approaches:

* * * * *

(8) [512.8] 1101.8 Swimming pool access:

* * * * *

(9) [512.9] 1101.9 Exit-way access passageways and corridors

(A) [512.9.1] 1101.9.1 Checkout lanes and traffic control devices:

* * * * *

(11) [512.11] 1101.11 Primary entrance and exit way

(A) [512.11.1] 1101.11.1 Primary entrance requirements:

* * * * *

(B) [512.11.2] 1101.11.2 Exit-way ramps

(i) [512.11.2.1] 1101.11.2.1 Width: Exit-way ramps shall have a width of not less than five (5) feet.

* * * * *

(13) [512.13] 1101.13 Visual alarm devices:

* * * * *

(14) [512.14] 1101.14 Public and pay telephones

(A) [512.14.1] 1101.14.1 Telephone access: Where a public or pay telephone is installed, the following shall apply:

(i) [512.14.1.1] 1101.14.1.1 Percentage of accessible telephones:

* * * * *

(ii) [512.14.1.2] 1101.14.1.2 Hearing amplification: All of the telephones required to be accessible by Section [512.14.1.1] 1101.14.1.1 shall be equipped with a hearing amplification device and appropriately identified with instructions for use.

* * * * *

(16) [512.16] 1101.16 Access to plumbing fixtures

(A) [512.16.1] 1101.16.1 Required fixtures: In every [required] toilet room, at least one (1) fixture of each type provided shall be accessible to, and usable by, physically handicapped persons. There shall be not less than one dispenser of each type provided (such as soap, towel dispenser or electric hand dryer, and sanitary napkin dispenser in the women's rest room) in each rest room accessible and usable by the physically handicapped.

* * * * *

(B) [512.16.6] 1101.16.2 Drinking fountains: At each location where drinking fountains or other water dispensing means are provided, there shall be a fountain or

dispensing means located so as to be accessible to, and usable by physically handicapped persons.

Sec. 4-140. Same; Section [513.0] 3406.0, Special Historic Buildings and Districts.

(a) The following amendments, additions, and/or deletions are hereby made to Section [513.0] 3406.0 of the BOCA Code:

(1) The text of Subsection [513.1] 3406.1, "Approval," is amended as follows:

* * * * *

Sec. 4-141. Same; Section [514.0] 3106.0, Pedestrian Walkways.

(a) The following amendments, additions, and/or deletions are made to Section [514.0] 3106.0 of the BOCA Code:

(1) In Subsection [514.2] 3106.2, titled "Construction," delete the exception.

Sec. 4-143. Special Use and Occupancy Requirements; Section [601.0] 402.0, Covered Mall Buildings.

(a) The following amendments, additions, and/or deletions are made of Section [601.0] 402.0 of the BOCA Code:

(1) Subsection[601.3] 402.4, titled "Tenant separations," is amended to read as follows: Each tenant space shall be separated from adjacent tenant spaces by a [wall] fire partition having a fire-resistance rating of not less than one (1) hour. The [separation] fire partition shall extend from the floor to the underside of the roof or floor deck above, and shall be tightly sealed thereto. A [wall] fire partition separating a tenant space from a mall shall be one (1) hour rated from the ceiling to the underside of the roof or the floor deck above the ceiling. Mechanical penetrations which comprise a portion of a smoke removal system are not required to be fire dampered.

(2) A new Subsection [601.9.1] 402.10.1, titled "Control Valves and Alarms," is added to read as follows:

* * * * *

(3) A new Subsection [601.10.1] 402.11.1, titled "Standpipes locations within the Mall," is added to read as follows:

* * * * *

Sec. 4-144. Same; Section [602.0] 403.0, High-Rise Buildings.

(a) The following amendments, additions, and/or deletions are made to Section [602.0] 403.0 of the BOCA Code:

(1) Subsection [602.1] 403.1, titled "Applicability," is amended to read as follows:

* * * * *

Exceptions: The provisions of this Section shall not apply to the following buildings and structures:

- (A) Airport traffic control towers conforming to the requirements of Section [616.0] 414.0.
- (B) Open parking structures (see Section [607.0] 406.0).
- (C) Buildings and structures of Use Group A-5 (see Section [302.6] 303.6).
- (D) Low hazard special [uses when] occupancies where approved by the Code Official (see Section [501.1] 503.1.1).
- (E) Buildings with an occupancy in use group H-1, H-2, or H-3.

(2) A new Subsection [602.1.1] 403.1.1, titled "Applicability under sloping site conditions," is added to read as follows:

* * * * *

(3) A new Subsection [602.1.2] 403.1.2, titled "Applicability Under Rescue Conditions," is added to read as follows:

* * * * *

(4) [The text of] In Subsection [602.3] 403.2, "Options," [is amended to read as follows: All buildings and structures shall be provided with a complete automatic sprinkler system in accordance with Section 602.3.1.] replace Exception 2 to read as follows: "Telecommunications equipment buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries, and standby engines, provided that those spaces or areas are equipped throughout with an automatic fire suppression system in accordance with Section 905.0 and are separated from the remainder of the building with fire separation assemblies consisting of 1 hour fire resistance rated walls and 2 hour fire resistance

rated floor/ceiling assemblies."

(5) Subsection [602.3.1.4.6] 1015.7.1, titled "Smokeproof enclosures," is amended to read as follows: [Smokeproof enclosures as set forth in Section 818.0 are not required, but all stairways shall be pressurized to a minimum of 0.15 inches of water column (37.33 Pa) and a maximum of 0.35 inch of water column (87.10 Pa) in the shaft relative to the building with all stairway doors closed.] The stairway pressurization system shall be activated by all devices which are required to activate the [voice] alarm system in Section [602.5.1] 917.7.1 and shall be provided with standby power in accordance with Section [602.9.1] 2707.1.

(6) Subsection [602.8] 403.6, titled "Fire Department Communication System," is revised to read as follows: A two-way fire department communication system shall be provided for fire department use. The communication system shall operate between the [central control] fire command station and every elevator, elevator lobby and enclosed exit stairway. The system shall be a dedicated handset or device at each terminal.

(7) A new Subsection [602.9.1] 403.7.1, titled "[Central Control Station Room] Fire Command Station Construction Features" is added to read as follows: All [central control] fire command station equipment shall be located within a one hour rated room enclosure. The door to the room from the building interior shall be a minimum of a 45-minute rated fire-door assembly. The central control room shall be located with convenient access to, and in close proximity to, the grade level entrance lobby, unless an alternate location is approved. The room shall be not less than one hundred twenty (120) square feet in area and have a least dimension of seven (7) feet. The room shall be used for no other purpose than a central control station or guard location. The room shall be equipped with a U.L. listed battery operated emergency lighting unit. The type, arrangement, and functions of the [central control] fire command station emergency fire alarm shall be subject to approval by the Fire Chief or his authorized representative.

[(8) Subsection 602.11, titled "Elevators," is amended to read as follows: Elevator operation and installation shall be in accordance with Article 26. Elevator service shall be provided for Fire Department emergency access to all floors. Said elevator cab shall be of such size to accommodate an ambulance cot twenty-four (24) inches (610 mm) by seventy- six (76) inches (1930 mm) in its horizontal open position].

Sec. 4-145. Same; Section [606.0] 404.0, Atriums.

(a) The following amendments, additions, and/or deletions are made to Section [606.0] 404.0 of the BOCA Code:

(1) A new Subsection [606.1.1] 404.1.1, titled "Raised ceiling," is added to read as follows:

* * * * *

(2) Subsection [606.2] 404.2, titled "[Fire suppression] Automatic Sprinkler System," is amended to read as follows: An electrically supervised automatic sprinkler system in accordance with Section [1004.2.1] 906.2.1 shall be installed throughout the building.

(3) Subsection [606.4] 404.4, titled "Smoke control," is amended to read as follows: A smoke control system complying with Section [1019.4] 921.0 shall be installed in all atriums.

Sec. 4-146. Same; Section [607.0] 406.0, Open Parking Structures.

(a) The following amendments, additions, and/or deletions are made to Section [607.0] 406.0 of the BOCA Code:

(1) [Subsection 607.2, titled "Construction requirements," is amended to read as follows: Passenger vehicle structures shall be constructed of noncombustible materials throughout, including structural framing, floors, roofs, and walls. Any enclosed room or space on the premises shall comply with the applicable requirements of this Code, but maintain not less than a one (1) hour rating.

(2) A new Subsection [607.7] 406.7, titled "Separation of occupancies," is added to read as follows: All structures built in conformance with Section [313.2] 313.1.2 shall be provided with an electrically supervised automatic sprinkler system at all horizontal separations between adjacent occupancies.

Sec. 4-147. Same; Section [608.0] 407.0, Private Garages.

(a) The following amendments, additions, and/or deletions are made to Section [608.0] 407.0 of the BOCA Code:

(1) A new Subsection [608.4] 407.6.1, titled "Interconnecting Doors," is added to read as follows: All doors which are required by Section [608.1] 407.6 [to provide a fire separation between an attached garage and an interconnecting dwelling] shall be provided with a

self-closing device. The self-closer may be non-listed but must be sufficient to close and latch the door from an open position of twelve (12) inches. Door frames may be of metal or wood construction. [Wooden frames must be of at least one and five-eighths (1 5/8) inch thickness with a minimum of one-half (1/2) inch thick stile.] Adjacent drywall must butt solidly with the door frame. [All doors which are required by Section 608.1 to provide fire separation of a garage located beneath rooms must be one hour rated with a labeled frame and a listed fire door closer in accordance with Section 916.1.]

Sec. 4-148. Same; Section [609.0] 408.0, Public Garages.

(a) The following amendments, additions, and/or deletions are made to Section [609.0] 408.0 of the BOCA Code:

(1) Subsection [609.2.1] 408.3.1, titled "Sprinkler system," is amended to read as follows: All public garages shall be equipped throughout with an automatic sprinkler system in accordance with Section [1004.2.1] 906.2.1:

* * * * *

(2) A new Subsection [609.6] 408.7, titled "Elevation change," is added to read as follows: [Any equivalent alternative method which prevents the transmission of flammable liquids and vapors from entering adjacent areas shall be considered acceptable.] Every opening located between a public garage and another occupancy shall be designed to prevent the transmission of liquids and vapors from entering adjacent occupancies.

Sec. 4-149. Same; Section [610.0] 409.0, Use Group I-2.

(a) The following amendments, additions, and/or deletions are made to Section [610.0] 409.0 of the BOCA Code:

(1) Subsection [610.3] 409.2, titled "Corridor walls," is amended to read as follows: Corridor walls shall have a 1-hour fire resistance rating extending from the floor to the underside of the floor or roof deck above.

In buildings equipped throughout with an automatic sprinkler system in accordance with Section [1004.2.1] 906.2.1, the corridor wall fire resistance rating shall be 1/2-hour and the corridor walls must form a barrier to limit the transfer of smoke. The walls shall extend from the floor to the underside of the floor or roof deck above.

(2) Subsection [610.3.1] 409.3.1, titled "Corridor doors," is amended to read as follows: [All doors shall conform to Section 916.0. Doors to patient sleeping rooms shall be automatic-closing by smoke detection. All other doors shall be self-closing or automatic-closing by smoke detection. In buildings equipped throughout with an automatic sprinkler system in accordance with Section 1004.2.1, corridor doors shall have a 20-minute rating unless required to be rated by Section 313.1.4.1 or for the enclosure of a vertical opening and shall provide an effective barrier against smoke. In buildings equipped throughout with an automatic sprinkler system in accordance with Section 1004.2.1, all doors, except those to sleeping rooms, shall be self-closing or automatic-closing by smoke detection.] Corridor doors, other than those in a wall required to be rated by Section 302.1.1 or for the enclosure of a vertical opening or an exit shall have a 20 minute fire resistance rating and shall not be required to be equipped with self-closing or automatic-closing devices, but shall provide an effective barrier to limit the transfer of smoke and shall be equipped with positive latching. Roller latches are not permitted. All other doors shall conform to Section 716.0.

(3) Subsection [610.5.1] 409.5.1, titled "[Rooms] Automatic Fire Detection," is amended to read as follows:

* * * * *

Sec. 4-150. Same; Section [615.0] 412.0, Stages and Platforms.

(a) The following amendments, additions, and/or deletions are made to Section [615.0] 412.0 of the BOCA Code:

(1) Section [615.3.1] 412.4.1, titled "Materials," is amended to read as follows: The minimum construction [may] shall be in accordance with Table 615.3.1, if less than thirty (30) inches, or shall be constructed of approved materials as required for floors for the required type of construction of the building in which it is located. Temporary platforms shall be of fire-retardant treated lumber in Types 1 and 2 construction and may be of combustible framing otherwise.

* * * * *

Sec. 4-151. Same; Section [619.0] 418.0, Flammable and Combustible Liquids.

(a) The following amendments, additions, and/or deletions are made to Section

[619.0] 418.0 of the BOCA Code:

(1) Subsection [619.1] 418.3.2.11, titled "[Main] Underground storage," is [amended] added to read as follows: [Main storage systems of flammable and combustible liquids shall be constructed and installed in accordance with NFPA 30 and the Fire Prevention Code listed in Appendix A, except that the following additional minimum requirements shall also apply:

1.] All underground storage tanks for flammable or combustible liquids shall be separated from adjacent property lines and buildings by not less than five (5) feet.

Sec. 4-152. Same; Section [620.0] 420.0, Mobile Units.

(a) The following amendments, additions, and/or deletions are made to Section [620.1] 420.0 of the BOCA Code:

(1) Subsection [620.3.1] 420.3.1, "Anchorage and tie-down," is hereby amended in part to delete the last sentence and add the following:

* * * * *

Sec. 4-153. Same; Section [622.0] 3109.0, Radio and Television Antennae.

(a) The following amendments, additions, and/or deletions are made to Section [622.0] 3109.0 of the BOCA Code:

(1) [The title of Subsection 622.1 is amended to become "Conventional Antennae - permits not required:".

(2) The title of Subsection 622.2 is amended to become "Conventional Antennae - permits required:".

(3) A new Subsection [622.3] 3109.3.3, titled "Satellite Dish Antennae" is added to Section [622.0] 3109.0 to read as follows:

* * * * *

Sec. 4-154. Same; Section [623.0] 421.0, Swimming Pools.

(a) The following amendments, additions, and/or deletions are made to Section [623.0] 421.0 of the BOCA Code:

(1) The text of Subsection [623.1] 421.1, "General," is amended to read as follows:

* * * * *

(2) [The text of Subsection 623.9, "Swimming pool safety devices," is amended to read as follows: Every person owning land on which there is situated a swimming pool shall erect and maintain thereon an adequate enclosure either surrounding the property or pool area, sufficient to make such body of water inaccessible to small children. Such enclosure, including gates therein, must be not less than six (6) feet above the underlying ground; all gates must be self-latching with latches placed four (4) feet above the underlying ground or otherwise made inaccessible from the outside to small children. All gates shall also be equipped with approved locking devices and the devices shall be locked when the pool is unattended. A natural barrier, hedge, pool cover, or other protective device approved by the Building Official may be used so long as the degree of protection afforded by the substituted devices or structures is not less than the protection afforded by the enclosure, gate, and latch described herein.

(3) A new Subsection [623.9.2] 421.1.1, titled "Other bodies of water," is added to read as follows: When a fish pond or other body of water such as a stormwater management wet, dry, or extended detention pond deeper than twenty-four (24) inches is located within a densely populated area, or in the proximity of an elementary school, playground, or other area where small children may congregate without adult supervision, the Building Official may require a protective enclosure of such body of water as described in Section [623.9] 421.9.1 of this Code, except where allowed under the County approved stormwater management pond plans, standards, and specifications.

(3) The text of Subsection 421.9.1, "Enclosure", is amended to read as follows: The enclosure shall extend not less than 6 feet above the ground. All gates shall be self-closing and self-latching with latches placed at least 4 feet above the ground.

(4) The text of Subsection 421.10.1, "Outdoor private swimming pool", is amended to read as follows: An outdoor private swimming pool, including an in-ground, above-ground or on-ground pool, hot tub or spa shall be provided with a barrier which shall comply with the following:

1. The top of the barrier shall be at least 6 feet above finished ground level measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance

between finished ground level and the barrier shall be 2 inches measured on the side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above finished grade level, such as an above-ground pool, the barrier shall be at finished ground level, such as the pool structure, or shall be mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches. A natural barrier, hedge, pool cover, or other protective device approved by the Building Official may be used so long as the degree of protection afforded by the substituted device or structure is not less than the protection afforded by the enclosure, gate and latch described herein.

Sec. 4-155. Same; Section [625.0] 422.0, Security Devices, R-1 and R-2 Uses.

(a) A new Section [625.0] 422.0, titled "Security Devices, R-1 and R-2 Uses," is added to the BOCA Code to read as follows:

(1) [625.1] 422.1 Locks on swinging entrance doors:

* * * * *

(2) [625.2] 422.2 Locks on sliding entrance doors:

* * * * *

(3) [625.3] 422.3 Surface mounted locks:

* * * * *

(4) [625.4] 422.4 Locks on doors to nonhabitable rooms:

* * * * *

Sec. 4-156. Same; Section [626.0] 423.0, Screens for Dwellings.

(a) A new Section [626.0] 423.0, titled "Screens for Dwellings," is added to the BOCA Code to read as follows:

(1) [626.1] 423.1 Locations:

* * * * *

(2) [626.2] 423.2 Governing code:

* * * * *

Sec. 4-158. Interior Environmental Requirements; Section [714.0] 1214.0, Sound

Transmission Control in Residential Buildings.

(a) The following amendments, additions, and/or deletions are made to Section [714.0] 1214.0 of the BOCA Code:

(1) Subsection [714.2] 1214.1, titled "Scope," is amended to read as follows:

* * * * *

Sec. 4-159. Means of Egress; Section [806.0] 1008.0, Occupant Load.

(a) The following amendments, additions, and/or deletions are hereby made to Section [806.0] 1008.0 of the BOCA Code:

(1) Subsection [806.1.5] 1008.1.5, titled "Maximum occupant load," is amended to read as follows:

* * * * *

Sec. 4-160. Same; Section [807.0] 1006.0, Types and Location of Means of Egress.

(a) The following amendments, additions, and/or deletions are hereby made to Section [807.0] 1006.0 of the BOCA Code:

(1) Subsection [807.4.1] 1006.4.1, "Remoteness," is replaced in whole by a new Subsection [807.4.1] 1006.4.1, titled, "Remoteness of Exits," to read as follows:

* * * * *

(2) Subsection [807.4.1.1] 1006.4.1.1, titled "Three or more" is revised to read as follows: Where three or more exits or exit access doors are required, at least two exits or exit access doors shall be separated as provided for in Section [807.4.1] 1006.4.1.1. The remainder shall be located as remote as practical from the remote exits.

* * * * *

Sec. 4-161. Same; Section [809.0] 1010.0, Number of Exits.

(a) The following amendments, additions, and/or deletions are made to Section [809.0] 1010.0 of the BOCA Code:

(1) A new Subsection [809.4.1] 1010.3.1 titled "Minimum number and second basement or cellar exits, R-3 and R-4" is added to Section [809.0] 1010.0 to read as follows:

* * * * *

Exceptions:

* * * * *

2. [Structures] One- and two-family dwellings which are fully sprinklered in accordance with N.F.P.A. 13D are exempt from requirements for a basement or cellar exit and a secondary exit.

[(2) In Subsection 809.5, titled "Open parking structures," delete the last sentence.]

Sec. 4-163. Same; Section [811.0] 1012.0, Assembly Aisles and Aisle Accessways.

(a) The following amendments, additions, and/or deletions are made to Section [811.0] 1012.0 of the BOCA Code:

(1) Subsection [811.1] 1012.1, titled "Where required," is amended to read as follows:

* * * * *

Sec. 4-164. Same; Section [813.0] 1017.0, Means of Egress Doorways.

(a) The following amendments, additions, and/or deletions are made to Section [813.0] 1017.0 of the BOCA Code:

(1) Subsection [813.2] 1017.2, titled "Number of doorways," is amended to read as follows:

* * * * *

(2) Table [813.2] 1017.2, titled "Spaces with One Means of Egress," is deleted.

* * * * *

Sec. 4-165. Same; Section [817.0] 1014.0, Interior Stairways.

(a) The following amendments, additions, and/or deletions are made to Section [817.0] 1014.0 of the BOCA Code:

(1) In Subsection [817.6] 1014.6, titled "Treads and risers," delete Exception 4.

(2) Subsection [817.6.5] 1014.6.6, titled "Alternating tread stairways," is deleted.

(3) Subsection [817.6.5.1] 1014.6.6.1, titled "Handrails of alternating tread stairways," is deleted.

(4) Subsection [817.6.5.2] 1014.6.6.2, titled "Treads of alternating tread stairways," is deleted.

(5) In Subsection [817.11] 1014.11, titled "Interior stairway enclosures," Exception 3 is amended to read as follows: Open stairs in a floor opening when all portions of the building served by the stair in the floor opening are within the exit access travel distance, all occupants have access to two exits without passing into the floor opening, and the floor opening stair is not considered in occupant load calculations [; and exception 4 is deleted].

Sec. 4-167. Same; Section [823.0] 1024.0, Means of Egress Lighting.

(a) The following amendments, additions, and/or deletions are made to Section [823.0] 1024.0 of the BOCA Code:

(1) Subsection [823.4] 1024.4, titled "Power source," is amended to read as follows: Means of egress lighting in all buildings, rooms, or spaces required to have more than one (1) exit or exit access, and in buildings and areas listed in Sections [823.4.1] 1024.4.1 through [823.4.3] 1024.4.3, shall be connected to an emergency electrical system that complies with Section 2706.0 to assure continued illumination for a duration of not less than one (1) hour in case of emergency or primary power loss.

(2) A new Subsection [823.4.1] 1024.4.1, titled "Use Group B," is added to read as follows: In all buildings of Use Group B containing more than one hundred (100) persons or of two (2) or more stories in height.

(3) A new Subsection [823.4.2] 1024.4.2, titled "Use Group R-1," is added to read as follows: In all buildings of Use Group R-1 containing more than twenty-five (25) sleeping rooms or when more than one (1) story in height.

(4) A new Subsection [823.4.3] 1024.4.3, titled "Hazardous areas," is added to read as follows: In all kitchens of Use Group A and all areas where hazardous processes or operations may result in injury to persons attempting to egress in the event of failure of the normal power supply.

Sec. 4-168. [Reserved] Same; Section 1022.0, Handrails.

(a) The following amendments, additions, and/or deletions are made to Section 1022.0 of

the BOCA Code:

(1) Subsection 1022.2.6, titled "Handrails of alternating tread stairways", is deleted.

Sec. 4-169. Fireresistive Materials and Construction; Section [905.0] 705.0, Exterior Walls.

(a) The following amendments, additions, and/or deletions are made to Section [905.0] 705.0 of the BOCA Code:

(1) Subsection [905.5] 705.5, titled "Vertical exposure," is amended to read as follows:

* * * * *

(2) Exception 3 is deleted from Subsection [905.6] 705.6, titled "Continuity of Exterior Walls."

Sec. 4-170. Same; Section [907.0] 707.0, Fire Walls and Party Walls.

(a) The following amendments, additions, and/or deletions are made to Section [907.0] 707.0 of the BOCA Code:

(1) A new Subsection [907.3.1] 707.3.1, titled "Recesses for Utilities," is added to read as follows: Hollow masonry fire walls and fire rated party walls shall not be broken subsequent to erection to receive electrical boxes, plumbing, or other fixtures. Where recesses are necessary, they shall be constructed in accordance with [Subsections 1404.5 and 907.3] Subsection 707.3.

(2) Subsection [907.6.2] 707.5.2, titled "Combustible roofs" is amended by the addition of the following new language:

* * * * *

Sec. 4-171. Same; Section [910.0] 711.0, Fire Partitions.

(a) The following amendments, additions, and/or deletions are made to Section [910.0] 711.0 of the BOCA Code:

(1) Subsection [910.4] 711.4 titled, "Continuity," is amended to read as follows: All fire partitions shall extend from the top of the floor assembly below to the underside of the floor/roof slab or deck above, and shall be securely attached thereto. The supporting construction shall be protected to afford the required fire resistance rating of the wall supported, except for exit access corridor and tenant separation walls in buildings of Type 2C, 3B, and 5B construction. All

hollow vertical spaces shall be fire stopped at every floor level as required in Section [921.0] 720.0.

* * * * *

Sec. 4-172. Same; Section [912.0] 715.0, Fireresistance Rating of Structural Members.

(a) The following amendments, additions, and/or deletions are made to Section [912.0] 715.0 of the BOCA Code:

(1) A new Subsection [912.2.1] 715.2.1, titled "Protection of Truss Framing Members," is added to read as follows:

* * * * *

Sec. 4-173. Same; Section [913.0] 713.0, Floor/Ceiling and Roof/Ceiling Assemblies.

(a) The following amendments, additions, and/or deletions are made to Section [913.0] 713.0 of the BOCA Code:

(1) Exception 2 of Subsection [913.3] 713.3, titled "Floor opening enclosure," is amended to read as follows: A floor opening which:

* * * * *

(D) Is separated from other floor openings serving other construction by conforming to Section [915.3] 710.3;

* * * * *

(2) Item 11 is deleted.

Sec. 4-174. Same; Section [921.0] 720.0, Firestopping and Draftstopping.

(a) The following amendments, additions, and/or deletions are made to Section [921.0] 720.0 of the BOCA Code:

(1) Subsection [921.6.1] 720.6.1, titled "Concealed wall spaces," is amended to read as follows:

* * * * *

(b) Subsection 720.7.1.1, titled "Use Group R-1 and R-2", is amended to read as follows: In occupancies in Use Group R-1 and R-2, draftstopping shall be installed per Section 4-180 (8) (A) (iii).

(c) The exception to Section 720.7.1.1 is deleted.

Sec. 4-175. Same; Section [926.0] 1406.0, Exterior Trim Restrictions.

(a) The following amendments, additions, and/or deletions are made to Section [926.0] 1406.0 of the BOCA Code:

(1) Subsection [926.4] 1406.4, titled "Balconies and similar appendages," is amended by the following additional language:

* * * * *

(2) Subsection [926.6] 1406.6, titled "Soffits of roof projections," is added to read as follows: In R-1 and R-2 uses soffit openings shall be covered with a noncombustible material of minimum one-half (1/2) inch thickness. No soffit screens or openings are permitted within the soffits.

Exception: Attic spaces equipped with an automatic sprinkler system are permitted to have unlimited soffit vents.

Sec. 4-176. Same; Section [930.0] 922.0, Smoke and Heat Vents.

(a) The following amendments, additions, and/or deletions are made to Section [930.0] 922.0 of the BOCA Code:

(1) Table [930.2] 922.2 is amended by the following additional language:

Note C. The vent area to floor area ratio [in the first two lines of this Table (F,S) may be increased to 1:150 if the building is protected by an automatic sprinkler system] for all ceiling heights of unsprinklered buildings will be 1:100, and for sprinklered buildings will be 1:150.

Note D. The first 2 lines of this table (F,S) shall be the minimum required for buildings of other use groups, note C is applicable.

Note E. Factory and industrial Use Group (F) and Storage (S) may use [lines 1 and 2 of this table] Note C and eliminate the curtain boards when equipped throughout with a UL or FM approved early suppression fast response (ESFR) Sprinkler System.

(2) Subsection [930.1] 922.2, titled "General," is amended to read as follows: Heat and smoke venting shall be installed in all buildings over four thousand (4,000) square feet in area of Use Groups H (high hazard), S- 1 (moderate hazard storage), and F (factory), and in buildings where exit access travel distance is increased in accordance with Section 807.5.1. Smoke and heat vents shall be UL or FM listed and constructed and installed in accordance with this Section.

Exception: Existing buildings that are not of unlimited area and the additions do not exceed 50 percent of the original building area.

Sec. 4-178. Fire Protection Systems; Section [1000.0] 901.0, General.

(a) The following amendments, additions, and/or deletions are made to Section [1000.0] 901.0 of the BOCA Code:

(1) A new Subsection [1000.9] 901.9, titled "Riser and Water Supply Requirements," is added to read as follows:

* * * * *

Sec. 4-179. Same; Section [1001.0] 903.0, [Plans and Specifications] Construction Documents.

(a) The following amendments, additions, and/or deletions are made to Section [1001.0] 903.0 of the BOCA Code:

(1) Subsection [1001.1] 903.1, titled "Required," is amended by the addition of the following new language:

* * * * *

(2) Subsection [1001.2.3] 903.2.3, titled "Review assumptions," is added to read as follows:

* * * * *

Sec. 4-180. [Reserved.] Same; Section 904.0, Fire Suppression Systems.

(a) The following amendments, additions, and/or deletions are made to Section 904.0 of the BOCA Code:

(1) Subsection 904.2, titled "Use Group A-1, A-3, and A-4", is amended to read as follows: An automatic fire suppression system shall be provided throughout all buildings of Use Group A-1 and all buildings with an A-3 or A-4 use group having an aggregate area exceeding 6,000 square feet.

Exception:

1. Participant sport areas of Use Group A-3 where the main floor of the participant sport area is at the level of exit discharge of the main entrance.

(2) Subsection 904.3, titled "Use Group A-2," is amended to read as follows: An

automatic fire suppression system shall be provided throughout all Use Group A-2 buildings that exceed 5,000 square feet or an occupant load over 200 people.

(3) Subsection 904.4, titled "Use Group E", is reserved.

(4) Subsection 904.5, titled " Use Group H", is reserved.

(5) Subsection 904.6, titled "Use Group I," is amended by the addition of Subsection 904.6.1 to read as follows: Required sprinkler systems in all Use Group I-2 child care facilities shall incorporate quick response sprinklers throughout.

(6) Subsection 904.7, titled "Use Group M, S, and F", is amended to read as follows: Throughout all buildings with a Use Group M, S, or F occupancy, an automatic fire suppression system shall be provided as follows:

i. When more than six thousand (6,000) square feet area; or

ii. When two (2) or more stories in height and exceeding three thousand (3,000) square feet on any story.

Exception: Buildings of Use Group S-2 and F-2 when exempted by the Fire Chief or his authorized representative.

(7) Subsection 904.8, titled "Use Group R-1", is amended by deleting the exception.

(8) Subsection 904.9, titled "Use Group R-2, R-3, and R-4", is amended by deleting the exception and by adding the following language:

(A) The following reductions in construction requirements are permitted when a building of Use Group R-2 is fully sprinklered and is not over four (4) stories above grade on any side of the building:

(i) Attic sprinklers may be omitted, provided that the ceiling of the top level is of five-eighths (5/8) inch fire code type dry wall and the attic is draftstopped at each two (2) units maximum and all ceiling ductwork penetrations are provided with UL listed ceiling dampers.

(ii) Section 11-258 of the Fire Safety Law (Subtitle 11) requiring heat detectors in apartments is not applicable.

(iii) Automatic sprinklers may be omitted from floor- ceiling assemblies, provided they are draftstopped into areas not exceeding 1,000 square feet and penetrations are

provided with listed ceiling dampers and light fixtures are protected with a fusible element power interrupter device. Dwelling separations shall extend to the floor deck above and shall be one (1) hour rated.

(iv) Balconies of apartments may be of combustible construction, provided the balconies are sprinklered.

(v) A single two and one-half (2 1/2) inch Fire Department connection may be used in lieu of a two and one-half (2 1/2) inch "Siamese" type connection for the sprinkler system.

(vi) Sprinklers may be omitted from open-air exterior stair enclosures, provided that a class "A" finish is used in the stairs.

(vii) Standpipes will not be required for apartments up to three (3) stories. Four (4) story apartments may utilize dry standpipes.

(viii) Balcony soffit vents in unsprinklered attics are permitted if they are not within three (3) feet laterally of the balcony door openings.

(ix) Sprinklers may be omitted from bathrooms under fifty-five (55) square feet in area and from small closets (under twenty- four (24) square feet) which do not contain mechanical equipment or laundry equipment.

(x) The height and area increases permitted in the BOCA for sprinklered buildings shall apply.

(B) All new buildings of Use Group R-3 and R-4 are required to be sprinklered. The following reductions in construction requirements are permitted when a building of Use Group R-3 or R-4 is fully sprinklered:

(i) The basement exit to grade, required by Section 1010.2.1 is not required. A second exit to grade is not required per Section 1010.2.1.

(ii) Escape windows from sleeping rooms will not be required to meet any size requirements except that at least one (1) window shall be provided which is openable from the inside without the use of tools or keys.

(iii) Truss protection required by Section 715.2.1 may be deleted.

(iv) Townhouse fire walls may be reduced from two (2) hours to one (1)

hour rating and may be constructed with combustible framing if properly firestopped. The one (1) hour rated fire wall does not have to withstand collapse of construction on either side under fire conditions.

(C) Additions to R-3 and R-4 dwellings which are sprinklered in accordance with the requirements of current or previous editions of this Code shall be provided with an automatic sprinkler system in accordance with NFPA 13-D. Additions to dwellings of R-3 or R-4 use which were not required to be sprinklered by previous editions of this Code shall not be required to be sprinklered.

(D) Quick activation U.L. listed residential sprinklers shall be used in systems as required by this Subsection. The design and installation shall comply with Section 906.2.1 for Use Group R-2 and Section 906.2.3 for Use Groups R-3 and R-4.

(9) Subsection 904.10, titled "Windowless story", is amended as follows: Delete the exception.

(10) Subsection 904.11, titled "Other required suppression systems", is reserved.

(11) Subsection 904.12, titled "Building over a body of water", is added to read as follows: Any building, or portion thereof, having more than twenty-five percent (25%) of the building perimeter located over a body of water shall be protected by an approved automatic fire suppression system.

Sec. 4-181. Same; Section [1004.0] 906.0, [Water] Fire Sprinkler Systems.

(a) The following amendments, additions, and/or deletions are made to Section [1004.0] 906.0 of the BOCA Code:

(1) Subsection [1004.2.2] 906.2.2, titled "NFPA 13R Systems," is deleted.

(2) In Subsection [1004.5] 906.5, titled "Sprinkler Alarms," delete Exception 2.

(3) A new Subsection [1004.9] 906.9.7, titled "Number of Control Valves," is added to read as follows:

* * * * *

(4) A new Subsection [1004.11] 906.9.8, titled "Zones," is added to read as follows: Automatic fire suppression system zones shall comply with Section [1016.7.5] 917.7.3 of this Code.

(5) A new Subsection [1004.12] 906.9.9, titled "Protection of Piping," is added to read as follows:

Subsection [1004.12.1] 906.9.9.1 "Thermal Protection":

* * * * *

Subsection [1004.12.2] 906.9.9.2 "Mechanical Protection":

* * * * *

Sec. 4-182. Same; Section [1005.0] 907.0, Limited Area Sprinkler Systems.

(a) The following amendments, additions, and/or deletions are made to Section [1005.0] 907.0 of the BOCA Code:

(1) Subsection [1005.6.2] 907.6.2, titled "Cross Connection," is amended by the addition of the following new language:

* * * * *

Sec. 4-183. Same; Section [1009.0] 912.0, Halogenated Fire Extinguishing Systems.

(a) The following amendments, additions, and/or deletions are made to Section [1009.0] 912.0 of the BOCA Code:

(1) A new Subsection [1009.2.1] 912.2.1, titled "Halogenated Agent Reserve," is added to read as follows: Halogenated fire extinguishing systems must have a connected Halon reserve if the building is protected by an automatic sprinkler system and this system has been removed from the areas protected by the halogenated fire extinguishing system. All halogenated fire extinguishing systems shall be supervised by methods 1 [,] or 2 [, or 3] as described in Section [1020.1] 923.1 if a connected reserve is required.

Sec. 4-184. Same; Section [1012.0] 914.0, Standpipe Systems.

(a) The following amendments, additions, and/or deletions are made to Section [1012.0] 914.0 of the BOCA Code:

(1) Subsection [1012.2.2] 914.2.2, titled "Building area," is amended by the deletion of Exceptions 1[and], 2 and 3.

(2) Subsection [1012.3] 914.3, titled "Types of systems," is amended to read as follows:

* * * * *

(3) Subsection [1012.3.1] 914.3.1, titled "Type of system required," is amended by the deletion of Exceptions 1 and 2 and the renumbering of Exception 3 to be Exception 1.

(4) Subsection [1012.7] 914.7, titled "Hose connection," is amended to read as follows:

* * * * *

Sec. 4-185 Same; Section [1014.0] 915.0, Fire Department Connections.

(a) The following amendments, additions, and/or deletions are hereby made to Section [1014.0] 915.0 of the BOCA Code:

(1) A new Subsection [1014.1] 915.9, titled "[Required] Number of Inlets," is [amended by the addition of the following new language: (See Table 1014.1.) added to read as follows: The number of inlets shall comply with Table 915.1.

TABLE [1014.1] 915.1

The number of 2 1/2-inch fire department connection inlets shall be based on the following schedule:

Total Inside System Water Demand	Number of 2 1/2 Inch Inlets
0 gpm to 300 gpm	1
301 gpm to 750 gpm	2
Each additional 250 gpm	1 additional inlet

Note A: For systems exceeding 2,000 gpm of fire sprinkler flow demand, the number and arrangement of the fire department connection inlets shall be as directed by the Fire Code Official.

Sec. 4-186. Same; Section [1015.0] 916.0, Yard Hydrants.

(a) The following amendments, additions, and/or deletions are made to Section [1015.0] 916.0 of the BOCA Code:

(1) A new Subsection [1015.2] 916.2, titled "Location and Performance of Fire Hydrants," is added to read as follows:

* * * * *

Sec. 4-187. Same; Section [1016.0] 917.0, Fire Protective Signaling Systems.

(a) The following amendments, additions, and/or deletions are made to Section

[1016.0] 917.0 of the BOCA Code:

(1) A new Subsection [1016.4.1.1] 917.4.1.1, titled "Use Group A" is added to read as follows: In all Use Group A in excess of 300 people in accordance with Section [1016.8] 917.9.

(2) Subsection [1016.4.5] 917.4.6, titled "Use Group R-2," is replaced in whole by a new Subsection [1016.4.5] 917.4.6 to read as follows:

* * * * *

(3) Subsection [1016.7.5] 917.7.3, titled "Zones," is amended to read as follows:

* * * * *

Sec. 4-188. Same; Section [1018.0] 919.0, Single- and Multiple-Station Smoke Detectors.

(a) The following amendments, additions, and/or deletions are made to Section [1018.0] 919.0 of the BOCA Code:

(1) Subsection [1018.3.4] 919.3.3, titled "Use Group I-1," is amended to read as follows:

* * * * *

Sec. 4-189. Same; Section [1020.0] 923.0, Supervision.

(a) The following amendments, additions, and/or deletions are made to Section [1020.0] 923.0 of the BOCA Code:

(1) Subsection [1020.1] 923.1, titled "Fire suppression systems," is amended to read as follows:[Fire suppression systems required for buildings of Use Groups A, E, I, or R shall be supervised by 1, 2, or 3 below. All other fire suppression systems shall be supervised by one of the following methods:

1. Approved central station system in accordance with NFiPA 71 listed in Appendix A.
2. Approved proprietary system in accordance with NFiPA 72D listed in Appendix A.
3. Approved remote station system of the jurisdiction in accordance with NFiPA 72C listed in Appendix A.
4. Approved local alarm service which will cause the sounding of an audible

signal at a constantly attended location in accordance with NFPA 72A listed in Appendix A.

- 5. Locking valves open.

Exceptions:

- 1. Underground gate valves with roadway boxes.
- 2. Halogenated extinguishing systems.
- 3. Carbon dioxide extinguishing systems.
- 4. Dry chemical extinguishing systems.
- 5. Limited area sprinkler systems.]

Delete Exception 6.

Sec. 4-190. Same; Section [1022.0] 924.0, Annunciation.

(a) A new Section [1022.0] 924.0 is added to the BOCA Code to read as follows:

* * * * *

(1) Subsection [1022.1] 924.1, titled "Location," is added to read as follows:

* * * * *

Sec. 4-192. Structural Loads; Section [1110.0] 1609.0, Roof Loads.

(a) The following amendments and/or deletions are hereby made to Section [1110.0] 1609.0 of the BOCA Code:

(1) The following sentence is added to the text of Subsection [1110.2] 1609.3, "Minimum roof loads": However, in no case shall a roof be designed for less than thirty (30) psf live load.

Sec. 4-194. Same; Section [1205.0] 1806.0, Depth of Footings.

(a) The following amendments, additions, and/or deletions are made to Section [1205.0] 1806.0 of the BOCA Code:

(1) Subsection [1205.1] 1806.1, "Frost Protection," is amended to read as follows:

* * * * *

Sec. 4-195. Retaining Walls; Section [1223.0] 1825.0, Retaining Walls.

(a) The following amendments, additions, and/or deletions are made to Section [1223.0] 1825.0 of the BOCA Code:

(1) A new Subsection [1223.5.1] 1825.5.1 is added to Section [1223.0] 1825.0 to read

as follows: When the grade level on either side of a retaining wall exceeds 30 inches, guardrails shall be provided in accordance with Section [824.0] 1021.0 of the BOCA Code.

Sec. 4-196. Masonry; Section [1403.0] 2110.0, Bonding of Walls.

(a) The following amendments, additions, and/or deletions are made to Section [1403.0] 2110.0 of the BOCA Code:

(1) A new Subsection [1403.5] 2110.3.3, titled "Masonry wall reinforcement," is added to Section [1403.0] 2110.0 to read as follows:

* * * * *

Sec. 4-197. Concrete; Section [1502.0] 1906.0, Materials.

(a) The following amendments, additions, and/or deletions are made to Section [1502.0] 1906.0, of the BOCA Code:

(1) A new subsection [1502.3.3] 1906.3.3, titled "Prohibition of asbestos," is added to Section [1502.0] 1906.0 to read as follows:

* * * * *

Sec. 4-200. Plastic; Section [2002.0] 2603.0, Foam Plastics.

(a) The following amendments, additions, and/or deletions are made to Section [2002.0] 2603.0 of the BOCA Code:

(1) Subsection [2002.3.5] 2603.4.1.4, titled "Attics and crawlspaces," is amended to read as follows:

* * * * *

Sec. 4-201. Mechanical Equipment and Systems; Section [2503.0] 2811.0, Existing Buildings.

(a) The following amendments, additions, and/or deletions are made to Section [2503.0] 2811.0 of the BOCA Code:

(1) A new Subsection [2503.2] 2811.2, titled "Eminent hazard," is added to read as follows:

* * * * *

(2) A new Subsection [2503.3] 2811.3, titled "Posting," is added to read as follows:

* * * * *

(3) A new Subsection [2503.4] 2811.4, titled "Notification of repairs," is added to read as follows:

* * * * *

Sec. 4-202. Same; Section [2511.0] 2812.0, Minimum Heating Standards.

(a) A new Section [2511.0] 2812.0, titled "Minimum Heating Standards," is added to the BOCA Code to read as follows:

(1) [2511.1] 2812.1 Scope:

* * * * *

(2) [2511.2] 2812.2 Design standards:

* * * * *

(3) [2511.3] 2812.3 Plans:

* * * * *

(4) [2511.4] 2812.4 Maximum temperature differentials: The system shall be designed, installed, and balanced to maintain a maximum temperature differential in those spaces specified in Subsection [2511.1] 2812.1 of not greater than eight (8) degrees fahrenheit.

Sec. 4-203. Elevator[, Dumbwaiter and Conveyor Equipment, Installation and Maintenance] and Conveying Systems; Section [2600.0] 3001.0, General.

(a) The following amendments, additions and/or deletions are made to Section [2600.0] 3001.0 of the BOCA Code:

(1) The following sentence is added to the text of Subsection [2600.1] 3001.1, "Scope":

* * * * *

Sec. 4-204. Same; Section [2602.0] 3004.0, Tests and Inspections.

(a) The following amendments, additions, and/or deletions are made to Section [2602.0] 3004.0 of the BOCA Code:

(1) Subsection [2602.1] 3004.1, titled "General," is amended to read as follows:

* * * * *

(2) Each of the following subsections are deleted in their entirety:

- [2602.2] 3004.2 titled "Acceptance tests";
- [2602.3] 3004.3 titled "Periodic tests and periodic inspections";
- [2602.3.1] 3004.3.1 titled "Periodic tests";
- [2602.3.2] 3004.3.2 titled "Periodic inspections";
- [2602.4] 3004.4 titled "Frequency of tests and inspections";
- [2602.4.1] 3004.4.1 titled "Periodic inspection intervals";
- [2602.4.2] 3004.4.2 titled "Periodic test intervals"
- [2602.5] 3004.5 titled "Minimum requirements for tests and inspections";
- [2602.5.1] 3004.5.1 titled "Elevators, dumbwaiters and escalators";
- [2602.5.2] 3004.5.2 titled "Freight lifts, conveyors and amusement devices";
- [2602.5.3] 3004.5.3 titled "Manlifts"; and
- [2602.5.4] 3004.5.4 titled "Miscellaneous hoisting and elevating equipment."

Sec. 4-205. Same; Section [2603.0] 3005.0, Certificate of Compliance.

(a) The following amendments, additions, and/or deletions are made to Section [2603.0] 3005.0 of the BOCA Code:

(1) Subsection [2603.1] 3005.1, titled "General," is amended to read:

* * * * *

(2) Each of the following Subsections are deleted in their entirety:

- [2603.2] 3005.2, titled "Final certificate of compliance";
- [2603.3] 3005.3, titled "Limited certificate of compliance";
- [2603.3.1] 3005.3.1, titled "Tests and minimum safeguards required";
- [2603.3.2] 3005.3.2, titled "Special conditions"; and
- [2603.3.3] 3005.3.3, titled "Time limitation."

Sec. 4-206. Same; Section [2606.0] 3006.0, Power Elevator Operation.

(a) The following amendments, additions, and/or deletions are made to Section [2606.0] 3006.0 of the BOCA Code:

(1) A new Subsection [2606.2.2] 3006.1.1, titled "Required," is added to read as

follows: Those buildings specified in the following Use Groups shall be provided with controls, equipment, and an independent power source for the operation of one (1) passenger elevator car for Fire Department emergency access, as required by Subsection [2606.2] 3006.2:

* * * * *

(2) A new Subsection 3006.2.4 is added to read as follows: The elevator platform shall be arranged to accommodate a 24 x 76 ambulance cot.

(3) A new Subsection 3006.2.5 is added to read as follows: The elevator shall be provided with standby power.

Sec. 4-209. Same; Section [2701.0] 2702.0, [Plans and Specifications] Construction Documents.

(a) The following amendments, additions, and/or deletions are made to Section [2701.0] 2702.0 of the BOCA Code:

(1) The text of Subsection [2701.2.8] 2702.2.8, titled "Toilets and bathrooms," of the BOCA Code is amended in whole to read as follows:

(A) [2701.2.8] 2702.2.8 Toilets, bathrooms, and stairwells: Illumination of toilets, bathrooms, and stairwells is to be the equivalent of three (3) foot candles as provided in Section [703.1.1] 1205.1.1 of the BOCA Code. In Use Group R-3 and R-4, at least one (1) light illuminating a stair shall be controlled by wall switches at each end of the stair. All exterior steps shall be lighted by interior switch.

Sec. 4-210. Same; Section [2704.0] 2703.0, Permit and Certificate of Inspection.

(a) The following amendments, additions, and/or deletions are made to Section [2704.0] 2703.0 of the BOCA Code:

(1) The last sentence of Subsection [2704.1] 2703.1, titled "General," is amended to read:

* * * * *

Sec. 4-212. Same; Section [2708.0] 2709.0, Parking Lots and Exterior Passageways.

(a) A new Section [2708.0] 2709.0, titled "Parking Lots and Exterior Passageways," is added to the BOCA Code to read as follows:

(1) [2708.1] 2709.1 Scope:

* * * * *

(2) [2708.2] 2709.2 Exterior passageways:

* * * * *

(3) [2708.3] 2709.3 Parking lots:

* * * * *

Sec. 4-213. Plumbing Systems; Section [2800.0] 2901.0, General.

(a) The following amendments, additions, and/or deletions are hereby made to Section [2800.0] 2901.0 of the BOCA Code:

(1) The following sentence is added to the text of Subsection [2800.1] 2901.1, "Scope":

* * * * *

Sec. 4-214. Same; Section [2805.0] 2908.0, Existing Buildings and Installations.

(a) The following amendments, additions, and/or deletions are hereby made to Section [2805.0] 2908.0 of the BOCA Code:

(1) A new Subsection [2805.3.1] 2902.2.1, titled "Gutters and downspouts" is added to Section [2805.0] 2908.0 to read as follows: Unless constructed with parapet walls and coping as required by Section [906.0] 706.0 of the BOCA Code, all exterior walls shall be provided with gutters and downspouts or leaders to dispose of roof drainage to comply with the Plumbing Code adopted by the Washington Suburban Sanitary Commission.

Sec. 4-215. Same; Section [2808.0] 2909.0, Foundation Drainage.

(a) A new Section [2808.0] 2909.0, titled, "Foundation Drainage" is added to the BOCA Code to read as follows:

(1) [2808.1] 2909.1 Scope:

* * * * *

Sec. 4-217. [Same] Special Construction; Section [2902.0] 3102.0, [Exemptions] Signs.

(a) The following amendments, additions, and/or deletions are made to Section 3102.0 of the BOCA Code:

(1) [Section 2902.0] Subsection 3102.4.3 [of the BOCA Code], titled "Permit exemptions", is deleted.

(2) Subsection 3102.4.5, titled "Identification", is amended to read as follows: Every sign for which a permit has been issued and which is hereafter erected, constructed or maintained, shall be plainly marked as required in the Zoning Ordinance, Part 12-Signs, Section 27-599.

Sec. 4-220. Same; Section [2908.0] 3102.7, Ground Signs.

(a) The following amendments, additions, and/or deletions are made to Section [2908.0] 3102.7 of the BOCA Code:

(1) Subsection [2908.2] 3102.7, titled "[Maximum size] Ground Signs," is deleted.

Sec. 4-221. Same; Section [2909.0] 3102.8, Roof Signs.

(a) The following amendments, additions, and/or deletions are made to Section [2909.0] 3102.8 of the BOCA Code:

(1) Subsection [2909.3] 3102.8.3, titled "Closed signs," is deleted.

(2) Subsection [2909.4] 3102.8.4, titled "Open signs," is deleted.

Sec. 4-222. Same; Section [2911.0] 3102.10, Projecting Signs.

(a) The following amendments, additions, and/or deletions are made to Section [2911.0] 3102.10 of the BOCA Code:

(1) Subsection [2911.2] 3102.10.2, titled "Maximum projection," is amended to read as follows:

* * * * *

Sec. 4-223. Same; Section [2913.0] 3102.12, Miscellaneous and Temporary Signs.

(a) Section [2913.0] 3102.12 of the BOCA Code is deleted.

Sec. 4-224. [Precautions During Building Operations] Site Work, Demolition and Construction; Section [3007.0] 3310.0, Demolition and Excavation.

(a) The following amendments, additions, and/or deletions are made to Section [3007.0] 3310.0 of the BOCA Code:

(1) Subsection [3007.2] 3310.2, "Protection of adjoining property" and the first

sentence is rewritten to read:

* * * * *

(2) A new Subsection [3007.4] 3310.6, titled "Fences," is added to read as follows:

* * * * *

Sec. 4-225. Same; Section [3008.0] 3310.0, [Regulation of Lots] Demolition and Excavation.

(a) The following amendments, additions, and/or deletions are made to Section [3008.0] 3310.0 of the BOCA Code:

(1) Subsection [3008.1] 3310.4, "Grading of lot," is retitled "Restoration of lot" and the following sentence is added:

* * * * *

Sec. 4-228. Same; Section [3103.0] 1306.0, Energy Conservation in Electrical Distribution Systems.

(a) The following additions, amendments, and/or deletions are made to Section [3103.0] 1306.0 of the BOCA Code:

(1) A new Subsection [3103.3] 1306.3, titled "Artificial lighting standards," is added to read as follows:

* * * * *

Sec. 4-229. [Appendix A] Chapter 35, Referenced Standards.

(a) The following standards are added, amended, or deleted from Appendix A of the BOCA Code:

* * * * *

Sec. 4-230. [Reserved.] Same; Section 3402.0, General Requirements.

(a) The following additions, amendments, and/or deletions are made to Section 3402.0 of the BOCA Code:

(1) A new Subsection 3402.9, titled "Balconies and soffits", is added to read as follows: Balconies and soffits that are subject to repair or replacement, in Use Groups R-1 and R-2 shall comply with Sections 1406.4 and 1406.6.

Subdivision 3. Amendments to the Mechanical Code.

Sec. 4-232. Administration [and Enforcement]; Section [M-101.0] M-102.0, Applicability.

(a) The following additions, amendments, and/or deletions are made to Section [M-101.0] M-102.0 of the Mechanical Code:

(1) Subsection [M-101.1] M-102.1, titled "General," is amended to read as follows:

* * * * *

(2) Subsection M-101.3, titled "Continuation of unlawful use," is amended to read as follows: It shall be unlawful to operate, install, extend, alter, repair, or maintain mechanical systems in or adjacent to buildings except in conformity with this Code.]

Sec. 4-233. Same; Section [M-105.0] M-103.0, Repairs and Maintenance.

(a) The following additions, amendments, and/or deletions are made to Section [M-105.0] M-103.0 of the Mechanical Code:

(1) Subsection [M-105.2] M-103.2, titled "Maintenance," is amended to read as follows:

* * * * *

(2) A new Subsection [M-105.4] M-103.4, titled "Prohibited Repairs," is added to read as follows:

* * * * *

Sec. 4-236. Same; Section [M-111.0] M-108.0, Application for Permit.

(a) The following additions, amendments, and/or deletions are made to Section [M-111.0] M-108.0 of the Mechanical Code:

(1) Subsection [M-111.1] M-108.1 titled "Permits required" is amended to read as follows: Mechanical work shall not be commenced until a permit for such work has been issued by the [Mechanical] Code Official. A mechanical permit shall not be transferable. A permit is required for the following:

* * * * *

(2) [Subsection M-111.1.1, titled "Permits not required," is amended by the deletion of No. 4 and the renumbering of Nos. 5, 6, and 7 to be Nos. 4, 5, and 6, respectively.

(3)] Subsection [M-111.3] M-108.3 titled "By whom application is made," is amended to read as follows:

* * * * *

[(4)] (3) Subsection [M-111.7] M-108.7, titled ["Time limit,"] "Time Limitation of Application" is deleted.

Sec. 4-238. Same; Section [M-113.0] M-112.0, Conditions of Permit.

(a) The following additions, amendments, and/or deletions are made to Section [M-113.0] M-112.0 of the Mechanical Code:

(1) Subsection [M-113.1] M-112.1, titled "Payment of fees," is amended to read as follows:

* * * * *

Sec. 4-239. Same; Section [M-114.0] M-113.0, Fees.

(a) Section [M-114.0] M-113.0 of the Mechanical Code is deleted in its entirety.

Sec. 4-241. Same; Section [M-117.0] M-116.0, Violations.

(a) The following additions, amendments, and/or deletions are made to Section [M-117.0] M-116.0 of the Mechanical Code:

(1) Subsection [M-117.4] M-116.4, titled "Violations Penalties," is amended to read as follows: Any person who shall violate a provision of the Mechanical Code or shall fail to comply with any of the requirements thereof or who shall erect, construct, alter, or repair mechanical equipment or systems in violation of an approved plan or directive of the Mechanical Official, or of a permit or certificate issued under the provisions of this Mechanical Code shall be subject to penalties in Subsection [117.4] 116.4 of the BOCA Code.

Sec. 4-242. Same; Section [M-118.0] M-117.0, Stop Work Order.

(a) The following additions, amendments, and/or deletions are made to Section [M-118.0] M-117.0 of the Mechanical Code:

(1) Subsection [M-118.2] M-117.2, titled "Unlawful continuance," is amended to read: Any person who shall continue any work in or about the structure or mechanical device after having been served with a stop work order, except such work as he is directed to perform to remove a violation or unsafe conditions, shall be liable to the penalties in Subsection [117.4]

116.4 of the BOCA Code.

Sec. 4-244. Same; Section [M-122.0] M-121.0, Means of Appeal.

(a) Section [M-122.0] M-121.0 of the Mechanical Code is amended in its entirety to read as follows:

(1) [M-122.1] M-121.1 [Appeals] Application for Appeal: The owner of a building or structure or any other person may appeal to the Board of Appeals a decision of the [Mechanical] Code Official refusing to grant a modification of the provisions of the Mechanical Code covering the manner of construction or materials to be used in the erection, alteration, or repair of a mechanical system. Application for appeal may be made when it is claimed that the true intent of the Mechanical Code or the rules legally adopted thereunder have been incorrectly interpreted; the provisions of the Mechanical Code do not fully apply; or an equally good or better form of construction can be used. Appeals shall proceed in accordance with Subsection [124.0] 121.0 of the BOCA Code as amended.

Sec. 4-248. [Reserved.] Article 6 - Boilers and Water Heaters.

(a) Article 6 of the Mechanical Code is amended as follows:

(1) Subsection M-607.1, titled "General", is amended to read as follows: All steam boilers shall be protected with a low-water cutoff control. All hot water heating boilers with an input greater than 200,000 British thermal units per hour shall be protected with low-water cutoff control. Such controls shall be installed externally or as an integral part of the boiler.

Sec. 4-251. [Reserved.] Article 20 - Boilers and Pressure Vessels, Maintenance, and Inspection.

(a) Article 20 of the Mechanical Code is amended as follows:

(1) Subsection M-2001.4.1, "Renewal of certificate", is amended to read as follows: The certificate of fitness shall continue in force for a period of two years unless revoked or suspended, and applications shall be made for renewal bi-annually.

(2) Subsection M-2002.1, "Periodic Inspections", is amended by the addition of the following: Exception: Heating boilers or pressure vessels which are located in occupancies classified in Use Group R-2 or R-3 having less than three dwelling units.

(3) Subsection M-2002.3.1, titled "Fusion Welding", is added to read as follows:

Repairs by fusion welding shall be made only:

(a) After the owner obtains approval of a National Board Inspector;

(b) In accordance with the National Board Inspection Code Chapter III,

Repairs and Alterations to Boilers and Pressure Vessels by Welding; and

(c) By a repair organization having a valid:

(i) National Board "R" symbol stamp; or

(ii) Appropriate ASME Code symbol stamp encompassing the specific

repair.

(4) Subsection M-2002, "Annual Inspection Fees", is added to read as follows:

Inspection and Licensing Fees shall be as established in accordance with Section 4-235 of the County Code and shall be collected prior to license issuance and/or renewal.

SECTION 3. BE IT FURTHER ENACTED that the Legislative Officer is authorized to redesignate the section numbers of the Building Code prior to codification for purposes of consecutive numbering of references to BOCA sections.

SECTION 4. BE IT FURTHER ENACTED that this Act shall take effect forty-five (45) calendar days after it becomes law.

Adopted this 5th day of September, 1995.

COUNTY COUNCIL OF PRINCE
GEORGE'S COUNTY, MARYLAND

BY:

Anne T. MacKinnon
Chairwoman

ATTEST:

Joyce T. Sweeney
Clerk of the Council

APPROVED:

DATE: _____

BY:

Wayne K. Curry
County Executive

KEY:

Underscoring indicates language added to existing law.

[Brackets] indicate language deleted from existing law.

Asterisks *** indicate intervening existing Code provisions that remain unchanged.