

FINAL

COUNTY COUNCIL OF ANNE ARUNDEL COUNTY, MARYLAND

Legislative Session 2015, Legislative Day No. 40

Bill No. 123-15

Introduced by Mr. Fink, Chairman
(by request of the County Executive)

By the County Council, December 21, 2015

Introduced and first read on December 21, 2015
Public Hearing set for and held on February 1, 2016
Bill Expires March 25, 2016

By Order: Elizabeth E. Jones, Administrative Officer

A BILL ENTITLED

1 AN ORDINANCE concerning: Construction and Property Maintenance Codes – Codes
2 and Supplements

3
4 FOR the purpose of adopting and amending certain construction codes; modifying notice
5 provisions for enforcement of construction codes; making certain technical
6 corrections to construction codes; and generally relating to construction codes.
7

8 BY repealing and reenacting, with amendments: §§ 15-2-101; 15-2-102; 15-2-103; 15-2-
9 202(a); 15-2-301; 15-2-402(a); 15-2-502(a); and 15-5-103
10 Anne Arundel County Code (2005, as amended)
11

12 BY adding: §§ 15-2-104
13 Anne Arundel County Code (2005, as amended)
14

15 BY repealing and reenacting, with amendments: Construction Code, Introduction;
16 Construction Code, Chapter 1, §§ 101.2.1, 101.2.2, 101.4.1 through 101.4.7, 105.3.4,
17 106.1.5.2, 107.3, 108.2.1.2, 108.2.1.3, 109.5.2, 109.5.3, and 113.7.2; International
18 Building Code Amendments, Introduction and Items (3), (9), (10), (14), (16), (22),
19 and (23); International Residential Code Amendments, Introduction and Items (3),
20 (4), (6), (7), (8), (9), (11) through (33); Energy Conservation Code Amendments,
21 Introduction; Electrical Code Amendments, Introduction; Fuel Gas Code
22 Amendments, Introduction; Mechanical Code Amendments, Introduction and
23 Item(4); Plumbing Code Amendments, Introduction and Items (7) through (18)

EXPLANATION: CAPITALS indicate new matter added to existing law.
[Brackets] indicate matter stricken from existing law.

1 Anne Arundel County Construction and Property Maintenance Codes Supplement,
2 October 1, 2005 (as amended)

3
4 BY adding: Construction Code, Chapter 1, § 109.5.2; International Residential Code
5 Amendments, Items (12), (13), and (28); International Existing Building Code
6 Amendments, Introduction and Items (1) and (2); Plumbing Code Amendments,
7 Items (7) and (10)

8 Anne Arundel County Construction and Property Maintenance Codes Supplement,
9 October 1, 2005 (as amended)

10
11 SECTION 1. *Be it enacted by the County Council of Anne Arundel County,*
12 *Maryland,* That Section(s) of the Anne Arundel County Code (2005, as amended) read as
13 follows:

14
15 **ARTICLE 15. CONSTRUCTION AND PROPERTY MAINTENANCE CODES**

16
17 **TITLE 2. CONSTRUCTION CODES**

18
19 **15-2-101. Building Code.**

20
21 The “[2012] 2015 International Building Code”, as published by the International
22 Code Council, Inc., is adopted by reference as the Building Code for the County with the
23 additions, insertions, omissions, and changes set forth in the Supplement.

24
25 **15-2-102. International Residential Code.**

26
27 The “[2012] 2015 International Residential Code for One- and Two-Family
28 Dwellings”, as published by the International Code Council, Inc., is adopted by reference
29 as part of this Building Code for buildings described in section 101.2 of “Chapter 1 -
30 Construction Code Administrative Provisions” as set forth in the Supplement.

31
32 **15-2-103. Energy Conservation Code.**

33
34 The “[2012] 2015 International Energy Conservation Code”, as published by the
35 International Code Council, Inc., is adopted by reference as part of this Building Code
36 with the additions, insertions, omissions, and changes set forth in the Supplement.

37
38 **15-2-104. International Existing Building Code.**

39
40 THE “2015 INTERNATIONAL EXISTING BUILDING CODE”, AS PUBLISHED BY THE
41 INTERNATIONAL CODE COUNCIL, INC., IS ADOPTED BY REFERENCE AS PART OF THIS
42 BUILDING CODE WITH THE ADDITIONS, INSERTIONS, OMISSIONS, AND CHANGES SET
43 FORTH IN THE SUPPLEMENT.

44
45 **15-2-202. National Electrical Code.**

46
47 (a) **Adoption.** The “National Electrical Code (NFPA 70)”, [2011] 2014 Edition, as
48 published by the National Fire Protection Association, is adopted by reference as the
49 Electrical Code for the County, with the additions, insertions, omissions, and changes set
50 forth in the Supplement.

1 **15-2-301. Adoption.**

2
3 The “[2012] 2015 International Fuel Gas Code”, as published by the International
4 Code Council, Inc., is adopted by reference as the Fuel Gas Code for the County, with the
5 additions, insertions, omissions, and changes set forth in the Supplement.
6

7 **15-2-402. Mechanical Code.**

8
9 (a) **Adoption.** The “[2012] 2015 International Mechanical Code”, as published by the
10 International Code Council, Inc., is adopted by reference for the control of matters
11 pertaining to the designing, installing, servicing, altering, remodeling, or repairing of
12 heating systems, cooling systems, or refrigeration systems, as the Mechanical Code for
13 the County, with the additions, insertions, omissions, and changes set forth in the
14 Supplement.
15

16 **15-2-502. Plumbing Code.**

17
18 (a) **Adoption.** The “[2012] 2015 International Plumbing Code”, as published by the
19 International Code Council, Inc., is adopted by reference as the Plumbing Code for the
20 County with the additions, insertions, omissions, and changes set forth in the Supplement.
21

22 **TITLE 5. ENFORCEMENT**

23
24 **15-5-103. Civil fine notice provisions.**

25
26 [(a) **Building Code.** Except for violations of Chapter 1 of the 2012 International
27 Building Code, as amended, written notice shall be given to the violator 14 days before a
28 civil fine is assessed to allow for correction of the violation.
29

30 (b) **Fuel Gas Code.** Except for violations of Chapter 1 of the 2012 International Fuel
31 Gas Code, written notice shall be given to the violator 14 days before a civil fine is
32 assessed to allow correction of the violation.
33

34 (c) **Mechanical Code.** Except for violations of Chapter 1 of the 2012 International
35 Mechanical Code, as amended, written notice shall be given to the violator 14 days
36 before a civil fine is assessed to allow for correction of the violation.
37

38 (d) **Plumbing Code.** Except for violations of Chapter 1 of 2012 International
39 Plumbing Code, as amended, written notice shall be given to the violator 14 days before a
40 civil fine is assessed to allow for correction of the violation.]
41

42 EXCEPT FOR VIOLATIONS OF THE ANNE ARUNDEL COUNTY CONSTRUCTION AND
43 PROPERTY MAINTENANCE CODES SUPPLEMENT, CONSTRUCTION CODE, CHAPTER 1 –
44 CONSTRUCTION CODE ADMINISTRATIVE PROVISIONS, AS AMENDED, WRITTEN NOTICE
45 SHALL BE GIVEN TO THE VIOLATOR OF ANY PROVISION OF THE BUILDING CODE, FUEL
46 GAS CODE, MECHANICAL CODE, PLUMBING CODE, OR ELECTRICAL CODE 14 DAYS
47 BEFORE A CIVIL FINE IS ASSESSED TO ALLOW FOR CORRECTION OF THE VIOLATION.
48

1 SECTION 2. *And be it further enacted*, That the Anne Arundel County Construction
2 and Property Maintenance Codes Supplement, October 1, 2005 (as amended) read as
3 follows:

4
5 **CONSTRUCTION AND PROPERTY MAINTENANCE CODES SUPPLEMENT**

6
7 **CONSTRUCTION CODE**

8
9 The following “Chapter 1 – Construction Code Administrative Provisions” is
10 intended to replace Chapter 1 of each of the following adopted codes: the [2012] 2015
11 International Building Code, the [2012] 2015 International Residential Code for One- and
12 Two-Family Dwellings, the [2012] 2015 International Energy Conservation Code, the
13 [2012] 2015 International Fuel Gas Code, the [2012] 2015 International Mechanical Code,
14 and the [2012] 2015 International Plumbing Code. This chapter is also intended to replace
15 Article 80 of the National Electrical Code, [2011] 2014 edition.

16
17 **Chapter 1**
18 **Construction Code Administrative Provisions**

19
20 **Section 101**
21 **Administration**

22
23 **101.2.1 Detached one- and two-family dwellings and multiple single-family**
24 **dwellings.** Detached one- and two-family dwellings and multiple single-family
25 dwellings (townhouses) not more than three stories above grade plane in height with a
26 separate means of egress and their accessory structures shall comply with the [2012]
27 2015 International Residential Code.

28
29 **101.2.2 Existing Buildings.** Existing buildings undergoing repair, alterations or
30 additions, and change of occupancy shall be permitted to comply with the [2012] 2015
31 International Existing Building Code.

32
33 **101.4.1 Building.** The provisions of the [2012] 2015 International Building Code shall
34 apply to the design and the construction, alteration, movement, enlargement,
35 replacement, repair, equipment, use and occupancy, location, maintenance, removal,
36 and demolition of every building or structure or any appurtenances connected or
37 attached to such buildings or structures. The following appendices are adopted as part
38 of the building code: Appendix C “Group U-Agricultural Buildings”, Appendix E
39 “Supplementary Accessibility Requirements”, Appendix F “Rodentproofing”,
40 Appendix G “Flood-Resistant Construction”, and Appendix I “Patio Covers”.

41
42 **101.4.2 Electrical.** The provisions of the National Electrical Code, [2011] 2014
43 edition (NFPA 70), shall apply to the installation of electrical systems, including
44 alterations, repairs, replacement, equipment, appliances, fixtures, fittings, and
45 appurtenances thereto.

46
47 **101.4.3 Gas.** The provisions of the [2012] 2015 International Fuel Gas Code shall
48 apply to the installation of gas piping from the point of delivery, gas appliances, and
49 related accessories as covered in the Construction Code. These requirements apply to

1 gas piping systems extending from the point of delivery to the inlet connections of
2 appliances and the installation and operation of residential and commercial gas
3 appliances and related accessories. The following appendices are adopted as part of
4 the Fuel Gas Code: Appendix A (IFGS) “Sizing and Capacities of Gas Piping”,
5 Appendix B (IFGS) “Sizing of Venting Systems Serving Appliances Equipped with
6 Draft Hoods, Category I Appliances, and Appliances Listed for Use with Type B
7 Vents”, and Appendix C (IFGS) “Exit Terminals of Mechanical Draft and Direct-
8 Vent Venting Systems”.

9
10 **101.4.4 Mechanical.** The provisions of the [2012] 2015 International Mechanical
11 Code shall apply to the installation, alterations, repairs, and replacement of
12 mechanical systems, including equipment, appliances, fixtures, fittings, and/or
13 appurtenances, including ventilating, heating, cooling, air-conditioning and
14 refrigeration systems, incinerators, and other energy-related systems. The following
15 appendix is adopted as part of the Mechanical Code: Appendix A “Combustion Air
16 Openings and Chimney Connector Pass-Throughs”.

17
18 **101.4.5 Plumbing.** The provisions of the [2012] 2015 International Plumbing Code
19 shall apply to the installation, alteration, repair and replacement of plumbing systems,
20 including equipment, appliances, fixtures, fittings and appurtenances, and where
21 connected to a water or sewage system, and all aspects of a medical gas system. The
22 following appendices are adopted as part of the Plumbing Code: Appendix B “Rates
23 of Rainfall for Various Cities”, Appendix C “Gray Water Recycling Systems”,
24 Appendix D “Degree Day and Design Temperatures”, Appendix E “Sizing of Water
25 Piping System”, and Appendix G “Vacuum Drainage System”. The provisions of the
26 Anne Arundel County Private Sewage Disposal and Well Code shall apply to private
27 sewage disposal systems.

28
29 **101.4.6 Energy.** The provisions of the [2012] 2015 International Energy Conservation
30 Code shall apply to all matters governing the design and construction of
31 COMMERCIAL buildings for energy efficiency.

32
33 **101.4.7 Residential.** The provisions of the [2012] 2015 International Residential Code
34 for One- and Two-Family Dwellings shall apply to all matters governing the design
35 and construction of detached one- and two-family dwellings and multiple single-
36 family dwellings (townhouses) not more than three stories above grade plane in
37 height with a separate means of egress and their accessory structures. The following
38 appendices are adopted as part of the Residential Code: Appendix A “Sizing and
39 Capacities of Gas Piping”, Appendix B “Sizing of Venting Systems Serving
40 Appliances Equipped with Draft Hoods, Category I “Appliances, and Appliances
41 Listed for Use with Type B Vents”, Appendix C “Exit Terminals of Mechanical Draft
42 and Direct-Vent Venting Systems”, Appendix E “Manufactured Housing Used as
43 Dwellings”, Appendix G [“Swimming Pools, Spas and Hot Tubs”] “PIPING
44 STANDARDS FOR VARIOUS APPLICATIONS”, Appendix H “Patio Covers”, [Appendix I
45 “Private Sewage Disposal”,] Appendix K “Sound Transmission”, Appendix N
46 “Venting Methods”, [Appendix O “Gray Water Recycling Systems”, and Appendix Q
47 “ICC International Residential Code Electrical Provisions/National Electrical Code
48 Cross-Reference”] AND APPENDIX P “SIZING OF WATER PIPING SYSTEM”.

1 **Section 105**

2 **Permits**

3
4 **105.3.4 Time limitation of application.** An application for a permit for any
5 proposed work shall be deemed to have been abandoned AND MAY BE CANCELLED
6 BY THE DEPARTMENT OF INSPECTIONS AND PERMITS 180 days after the date of filing,
7 unless such application has been pursued in good faith or a permit has been issued,
8 except that the Code Official is authorized to grant one or more extensions of time for
9 additional periods not exceeding 90 days each. The extension shall be requested in
10 writing and good cause shown.
11

12 **Section 106**

13 **Construction Documents**

14
15 **106.1.5.2** The elevation of the proposed lowest floor, including basement; in areas
16 of shallow flooding (AO zones AND COASTAL A ZONES), the height of the
17 proposed lowest floor, including basement, above the highest adjacent grade;
18

19 **Section 107**

20 **Temporary Structures and Uses**

21
22 **107.3 Temporary power.** The Code Official is authorized to give permission to
23 temporarily supply and use power as part of an electric installation before such
24 installation has been fully completed and the final certificate of completion has been
25 issued. The part covered by the temporary certificate shall comply with the requirements
26 specified for temporary lighting, heat, or power in the National Electrical Code, [2011]
27 2014 edition.
28

29 **Section 108**

30 **Fees**

31
32 **108.2.1.2 Government agencies.** A government agency will be issued permits
33 without charge if construction inspection and enforcement is provided by a
34 government agency other than the County. ALL PERMITS WILL BE ISSUED TO
35 ANNE ARUNDEL COUNTY WITHOUT CHARGE.
36

37 **108.2.1.3 Churches and other nonprofit agencies.** Churches, parsonages,
38 eleemosynary, and community association facilities, and fire stations on
39 properties owned by a volunteer fire company formed pursuant to § 12-1-201 of
40 this Code shall be charged the minimum fee UNDER 108.2.3, 108.2.4, 108.2.5, AND
41 108.2.6.
42

43 **Section 109**

44 **Inspections**

45
46 **109.5.2 BONDING.** FOR SWIMMING POOLS AND SPAS, A BONDING INSPECTION SHALL
47 BE MADE AFTER ALL STEEL GRILLAGE IS INSTALLED BUT BEFORE PERIMETER
48 DECKING MATERIALS ARE INSTALLED.
49

1 [109.5.2] 109.5.3 **Rough-in.** Rough-in inspection shall be made after the structure is
2 watertight and all wiring and other components to be concealed are complete, and
3 prior to the installation of wall or ceiling membranes.
4

5 [109.5.3] 109.5.4 **Final electrical inspection.** A final inspection shall be made of the
6 electrical system after all work required by the electrical permit is completed and the
7 system is operational.
8

9 **Section 113**

10 **Violations**

11
12 **113.7.2 Use or occupancy prohibited.** A building or structure presumed unsafe
13 under section 113.7.1 may not be used or occupied until a building permit is issued,
14 the building or structure passes all applicable inspections, INCLUDING A FINAL
15 BUILDING INSPECTION, and, if necessary, a separate certificate of occupancy for the
16 building or structure is issued.
17

18 **INTERNATIONAL BUILDING CODE AMENDMENTS**

19
20 The provisions of the [2012] 2015 International Building code are amended, deleted,
21 or corrected as follows and the following provisions shall supersede the part of the text of
22 the [2012] 2015 International Building Code as indicated:
23

24 (3) In section 202, after the definition of ["Closed System"] "COASTAL HIGH HAZARD
25 AREA" insert:

26
27 "Code Official. The Director of Inspections and Permits, or duly authorized
28 representative, charged with the administration and enforcement of this Code."
29

30 (9) In section 1612.5.1.1.1, strike "110.3.3" and substitute "109.3.3", AND STRIKE
31 "110.3.10.1" AND SUBSTITUTE "109.12", and, after the period, insert:

32
33 "All buildings and structures erected within a flood hazard area OTHER THAN
34 COASTAL HIGH HAZARD AREAS AND COASTAL A ZONES shall be elevated so that
35 the lowest floor is located a minimum of one foot above the design flood
36 elevation. All basement floor surfaces shall be located a minimum of one foot
37 above the design flood elevation."
38

39 (10) In section 1612.5.2.2.1, strike "110.3.3" and substitute "109.3.3", AND STRIKE
40 "110.3.10.1" AND SUBSTITUTE "109.12", and, after the period, insert:

41
42 "All buildings and structures erected within [a flood hazard area] COASTAL HIGH
43 HAZARD AREAS AND COASTAL A ZONES shall be elevated so that the lowest
44 [floor] STRUCTURAL MEMBER is located a minimum of one foot above the design
45 flood elevation. All basement floor surfaces shall be located a minimum of one
46 foot above the design flood elevation."
47

48 (14) After section 1805.4.3, insert:
49

1 **“1805.4.4 Areaway drains.** All open subsurface space adjacent to a building
2 serving as an exit or entrance shall be provided with a drain or drains. [Such
3 areaway drains shall be of approved material in accordance with Chapter 29 of the
4 Building Code and not less than 2 inches in diameter and shall discharge by
5 gravity or mechanical means in accordance with section 1805.4.2. No areaway
6 drain may discharge into a subsoil drain. Areaway drains for areas exceeding 100
7 square feet shall be sized in accordance with the 2012 International Plumbing
8 Code.”] ALL AREAWAY DRAINS SHALL BE SOLID PVC OR EQUIVALENT AND
9 SHALL DISCHARGE DIRECTLY TO A SUMP CROCK, DAYLIGHT, OR OTHER
10 APPROVED MEANS. NO AREAWAY DRAIN MAY DISCHARGE INTO A SUBSOIL
11 DRAIN. DRAINS SERVING AREAWAYS NOT EXCEEDING 100 SQUARE FEET SHALL
12 HAVE A MINIMUM 2-INCH DIAMETER PIPE. AREAWAY DRAINS EXCEEDING 100
13 SQUARE FEET BUT NOT EXCEEDING 1,000 SQUARE FEET SHALL BE PROVIDED
14 WITH A MINIMUM 3-INCH DIAMETER PIPE. AREAWAY DRAINS EXCEEDING 1,000
15 SQUARE FEET SHALL BE SIZED IN ACCORDANCE WITH THE 2015 INTERNATIONAL
16 PLUMBING CODE.

17
18 **1805.4.5 Window well drains.** Window well areaways shall have drains.
19 Window well areaways 10 square feet or less may discharge to the subsoil drain
20 through a 2 inch minimum diameter pipe. Drains for window well areaways
21 greater than 10 square feet shall be installed in accordance with section [1805.4.2]
22 1805.4.4.

23
24 **1805.4.6 Foundation weep holes.** Where subsoil drains are required by section
25 1805.4.2, foundations of hollow core masonry shall have foundation weep holes.
26 Weep holes shall be placed a maximum of 4 foot O/C intervals and shall
27 discharge into the aggregate of interior subsoil drainage system.

28
29 **1805.4.7 Site grading.** The ground immediately adjacent to the foundation shall
30 be sloped away from the building at a slope of not less than one unit vertical in 12
31 units horizontal (1:12) for a minimum distance of 5 feet (914 mm) measured
32 perpendicular to the face of the wall or an approved alternate method of diverting
33 water away from the foundation shall be used. Consideration shall be given to the
34 possible additional settlement of the backfill when establishing the final ground
35 level adjacent to the foundation.”

36
37 (16) After section 1809.8, insert:

38
39 **“1809.8.1 Electrode.** In all buildings, a concrete-encases electrode shall be
40 provided prior to placement of concrete in accordance with section 250.52(a)(3)
41 of the National Electrical Code, [2011] 2014 edition.”

42
43 (22) [In section 3401.1, after “Structures.” insert:

44
45 “Existing structures shall comply with the 2012 International Existing building
46 code or this chapter.”

47
48 (23)] After Chapter [35] 33, insert:

49
50 **“Chapter [36] 34**

Grading and Sediment Control

The Erosion and Sediment Control Ordinance in Article 16, Title 3, of the County Code, is incorporated by reference and made a part of the Building Code. If a conflict arises between the provisions of the Building Code and Article 16, Title 3, the more restrictive provision shall prevail.”

INTERNATIONAL RESIDENTIAL CODE AMENDMENTS

The provisions of the [2012] 2015 International Residential Code for One- and Two-Family Dwellings are amended, deleted, or corrected as follows and the following provisions shall supersede the part of the text of the [2012] 2015 International Residential Code for One- and Two-Family Dwellings as indicated:

(3) In section R202, after the definition of “Closet” insert:

“Code Official. The Director of Inspections and Permits, or duly authorized representative, charged with the administration and enforcement of this Code.”;

AND, AFTER THE DEFINITION OF “SWEEP”, INSERT:

“SWIMMING POOL. ANY STRUCTURE INTENDED FOR SWIMMING, RECREATIONAL BATHING, OR WADING THAT CONTAINS WATER OVER 24 INCHES (610 MM) DEEP. THIS INCLUDES IN-GROUND, ABOVE-GROUND, AND ON-GROUND POOLS; HOT TUBS; SPAS; AND FIXED-INPLACE WADING POOLS.”

(4) In Table R301.2 (1): Under “Ground snow load”, insert “25”; under “Speed (mph)”, insert [“90”] “115”; under “Topographic effects”, insert “no”; UNDER “SPECIAL WIND REGION”, INSERT “NO”; UNDER “WIND-BORNE DEBRIS ZONE”, INSERT “NO”; under “Seismic design category”, insert “A”; under “Weathering”, insert “Severe”; under “Frost line depth”, insert “30 inches”; under “Termite”, insert “Moderate - heavy”; after the column headed “Subject to damage from” add a new column with the heading “Decay” and under that heading insert “Slight - moderate”; under “Winter design temp”, insert “17 degrees”; under “Ice barrier underlayment required”, insert “Yes”; under “Flood hazards”, insert “May 2, 1983”; under “Air freezing index”, insert “>1500”; and under “Mean annual temp”, insert “55 degrees”.

(6) In section R313.1.1, after [“P2904”,] “NFPA 13D”, insert “[or NFPA 13D], NFPA 13R, or NFPA 13”.

(7) In section R313.2, after “Dwellings” at the end of the first sentence, insert “and in existing one- and two-family dwellings where any construction, alteration, enlargement, replacement, or repair constitutes an increase in habitable square footage, which exceeds 50% of the existing habitable square footage, including bathrooms, closets, hallways, storage spaces and utility spaces. IF AN EXISTING STRUCTURE IS CURRENTLY SUPPRESSED, ANY ADDITION, ALTERATION, ENLARGEMENT, OR REPLACEMENT TO THE EXISTING STRUCTURE MUST BE SUPPRESSED IN ACCORDANCE WITH R313.2.1.”[and strike the exception in its entirety and substitute:

1 **Exception:** An automatic fire sprinkler system shall not be required for new
2 structures or where any construction, alteration, enlargement, replacement, or
3 repair constitutes an increase in habitable square footage, which exceeds 50% of
4 the existing habitable square footage, including kitchens, bathrooms, closets,
5 hallways, storage spaces and utility spaces on lots where the water and sewer
6 plans received approval from the County prior to January 1, 2009.]
7

8 (8) In section R322.1.6, in the first sentence, after “[V Zones] R322.2).”, insert:
9

10 “All electrical panelboards shall be elevated to a minimum of 3 feet above design
11 flood elevation.”
12

13 (9) In section R322.2.1.1, strike “to or”[and substitute “1 foot”].
14

15 (11) In section R322.3.2.1.1.1, strike [“at or”] “TO OR” [and substitute “1 foot”].
16

17 (12) STRIKE SECTIONS R324.7 THROUGH R324.7.2.5 IN THEIR ENTIRETY.
18

19 (13) STRIKE SECTION R326.1 IN ITS ENTIRETY AND SUBSTITUTE:
20

21 **R326.1 GENERAL.** SWIMMING POOLS SHALL COMPLY WITH THE REQUIREMENTS
22 OF SECTIONS R326.2 THROUGH R326.4 AND OTHER APPLICABLE SECTIONS OF THIS
23 CODE.
24

25 **R326.2 DEFINITION.** THE FOLLOWING TERM IS DEFINED IN CHAPTER 2: SWIMMING
26 POOL.
27

28 **R326.3 RESIDENTIAL SWIMMING POOLS.** RESIDENTIAL SWIMMING POOLS SHALL
29 BE COMPLETELY ENCLOSED BY A BARRIER COMPLYING WITH SECTIONS R326.4.1
30 THROUGH R326.4.3.
31

32 **EXCEPTION:** A SWIMMING POOL WITH A POWER SAFETY COVER OR A SPA
33 WITH A SAFETY COVER COMPLYING WITH ASTM F 1346 NEED NOT COMPLY
34 WITH THIS SECTION.
35

36 **R326.3.1 BARRIER HEIGHT AND CLEARANCES.** THE TOP OF THE BARRIER SHALL
37 BE NOT LESS THAN 48 INCHES (1219 MM) ABOVE GRADE MEASURED ON THE SIDE
38 OF THE BARRIER THAT FACES AWAY FROM THE SWIMMING POOL. THE VERTICAL
39 CLEARANCE BETWEEN GRADE AND THE BOTTOM OF THE BARRIER SHALL BE NOT
40 GREATER THAN 2 INCHES (51 MM) MEASURED ON THE SIDE OF THE BARRIER THAT
41 FACES AWAY FROM THE SWIMMING POOL. WHERE THE TOP OF THE POOL
42 STRUCTURE IS ABOVE GRADE, THE BARRIER IS AUTHORIZED TO BE AT GROUND
43 LEVEL OR MOUNTED ON TOP OF THE POOL STRUCTURE, AND THE VERTICAL
44 CLEARANCE BETWEEN THE TOP OF THE POOL STRUCTURE AND THE BOTTOM OF
45 THE BARRIER SHALL BE NOT GREATER THAN 4 INCHES (102 MM).
46

47 **R326.3.2 WIDELY SPACED HORIZONTAL MEMBERS.** WHERE THE BARRIER IS
48 COMPOSED OF HORIZONTAL AND VERTICAL MEMBERS AND THE DISTANCE
49 BETWEEN THE TOPS OF THE HORIZONTAL MEMBERS IS 45 INCHES (1143 MM) OR
50 MORE, SPACING BETWEEN VERTICAL MEMBERS SHALL BE NOT GREATER THAN 4
51 INCHES (102 MM). WHERE THERE ARE DECORATIVE CUTOUTS WITHIN VERTICAL
52 MEMBERS, SPACING WITHIN THE CUTOUTS SHALL BE NOT GREATER THAN 13/4
53 INCHES (44 MM) IN WIDTH.
54

1 **R326.3.3 CHAIN LINK DIMENSIONS.** MESH SIZE FOR CHAIN LINK FENCES SHALL
2 BE NOT GREATER THAN A 2 AND 1/4-INCH SQUARE (57 MM SQUARE) UNLESS THE
3 FENCE IS PROVIDED WITH SLATS FASTENED AT THE TOP OR THE BOTTOM THAT
4 REDUCE THE OPENINGS TO NOT MORE THAN 1 AND 3/4 INCHES (44 MM).
5

6 **R326.3.4 DIAGONAL MEMBERS.** WHERE THE BARRIER IS COMPOSED OF
7 DIAGONAL MEMBERS, THE OPENING FORMED BY THE DIAGONAL MEMBERS
8 SHALL BE NOT GREATER THAN 1 AND 3/4 INCHES (44 MM).
9

10 **R326.3.5 GATES.** ACCESS DOORS OR GATES SHALL COMPLY WITH THE
11 REQUIREMENTS OF SECTIONS 3109.4.1.1 THROUGH 3109.4.1.6 OF THE
12 INTERNATIONAL BUILDING CODE AND SHALL BE EQUIPPED TO ACCOMMODATE A
13 LOCKING DEVICE. PEDESTRIAN ACCESS DOORS OR GATES SHALL OPEN OUTWARD
14 AWAY FROM THE POOL AND SHALL BE SELF-CLOSING AND HAVE A SELF-
15 LATCHING DEVICE. DOORS OR GATES OTHER THAN PEDESTRIAN ACCESS DOORS
16 OR GATES SHALL HAVE A SELF-LATCHING DEVICE. RELEASE MECHANISMS SHALL
17 BE IN ACCORDANCE WITH SECTIONS 1010.1.9 AND 1109.13 OF THE INTERNATIONAL
18 BUILDING CODE. WHERE THE RELEASE MECHANISM OF THE SELF-LATCHING
19 DEVICE IS LOCATED LESS THAN 54 INCHES (1372 MM) FROM THE BOTTOM OF THE
20 DOOR OR GATE, THE RELEASE MECHANISM SHALL BE LOCATED ON THE POOL
21 SIDE OF THE DOOR OR GATE 3 INCHES (76 MM) OR MORE BELOW THE TOP OF THE
22 DOOR OR GATE, AND THE DOOR OR GATE AND BARRIER SHALL BE WITHOUT
23 OPENINGS GREATER THAN 1/2 INCH (12.7 MM) WITHIN 18 INCHES (457 MM) OF THE
24 RELEASE MECHANISM.
25

26 **R326.3.6 DWELLING WALL AS A BARRIER.** WHERE A WALL OF A DWELLING
27 SERVES AS PART OF THE BARRIER, ONE OF THE FOLLOWING SHALL APPLY:
28

29 1. DOORS WITH DIRECT ACCESS TO THE POOL THROUGH THAT WALL SHALL
30 BE EQUIPPED WITH AN ALARM THAT PRODUCES AN AUDIBLE WARNING
31 WHEN THE DOOR OR ITS SCREEN, IF PRESENT, ARE OPENED. THE ALARM
32 SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 2017. IN
33 DWELLINGS NOT REQUIRED TO BE ACCESSIBLE UNITS, TYPE A UNITS, OR
34 TYPE B UNITS, THE DEACTIVATION SWITCH SHALL BE LOCATED 54 INCHES
35 (1372 MM) OR MORE ABOVE THE THRESHOLD OF THE DOOR. IN DWELLINGS
36 REQUIRED TO BE ACCESSIBLE UNITS, TYPE A UNITS, OR TYPE B UNITS, THE
37 DEACTIVATION SWITCH SHALL BE LOCATED NOT HIGHER THAN 54 INCHES
38 (1372 MM) AND NOT LESS THAN 48 INCHES (1219 MM) ABOVE THE THRESHOLD
39 OF THE DOOR.
40

41 2. THE POOL SHALL BE EQUIPPED WITH A POWER SAFETY COVER THAT
42 COMPLIES WITH ASTM F 1346.
43

44 **R326.3.7 POOL STRUCTURE AS BARRIER.** WHERE AN ABOVE-GROUND POOL
45 STRUCTURE IS USED AS A BARRIER OR WHERE THE BARRIER IS MOUNTED ON TOP
46 OF THE POOL STRUCTURE, AND THE MEANS OF ACCESS IS A LADDER OR STEPS,
47 THEN THE LADDER OR STEPS EITHER SHALL BE CAPABLE OF BEING SECURED,
48 LOCKED OR REMOVED TO PREVENT ACCESS, OR THE LADDER OR STEPS SHALL BE
49 SURROUNDED BY A BARRIER THAT MEETS THE REQUIREMENTS OF SECTIONS
50 3109.4.1.1 THROUGH 3109.4.1.8 OF THE INTERNATIONAL BUILDING CODE. WHEN
51 THE LADDER OR STEPS ARE SECURED, LOCKED, OR REMOVED, ANY OPENING
52 CREATED SHALL NOT ALLOW THE PASSAGE OF A 4-INCH-DIAMETER (102 MM)
53 SPHERE.
54

55 **R326.4 INDOOR SWIMMING POOLS.** WALLS SURROUNDING INDOOR SWIMMING
56 POOLS SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 3109.4.1.8 OF THE
57 INTERNATIONAL BUILDING CODE.
58

1 **R326.5 PROHIBITED LOCATIONS.** BARRIERS SHALL BE LOCATED SO AS TO
2 PROHIBIT PERMANENT STRUCTURES, EQUIPMENT, OR SIMILAR OBJECTS FROM
3 BEING USED TO CLIMB THE BARRIERS.

4
5 **R326.6 ENTRAPMENT AVOIDANCE.** SUCTION OUTLETS SHALL BE DESIGNED AND
6 INSTALLED IN ACCORDANCE WITH ANSI/APSP-7.

7
8 [(12)] (14) After section [R323] R326, insert:

9
10 **“Section [R324] R327**
11 **Driveway Aprons and Driveways and Fences**

12
13 **[R324.1] R327.1 Driveway aprons.** Driveway aprons shall extend from street or
14 alley pavements to the lot line and shall be constructed in accordance with the
15 provisions of the standard specifications and details issued by the Department of
16 Public Works.

17
18 **[R324.2] R327.2 Driveways.** Driveways shall extend from the lot line to the
19 garage, carport, or parking space, and shall measure at least 9 feet in width. The
20 maximum gradient change at vertical transitions shall be 20%. Vertical transitions
21 shall be designed to prevent the undercarriage or bumper of a standard size car
22 from contacting the driveway surface. Alignment shall be safe and convenient to
23 back a car out, or an adequate turnaround shall be provided. No portion of the
24 driveway shall exceed 14% gradient from the horizontal.

25
26 **[R324.3] R327.3 Driveway construction.** Driveways shall be constructed of
27 concrete, blacktop, or other approved material to prevent spalling, erosion, and
28 cracking.

29
30 **[R324.4] R327.4 Parking pads.** Two off-street parking pads shall be provided for
31 each detached single-family home as defined by section 101.2.1 of the
32 Construction Code. The minimum size per parking space is 9 feet in width and 18
33 feet in length.

34
35 **[R324.5] R327.5 Exception.** The provisions of this section do not apply to lots one
36 acre or larger.

37
38 **[R324.6] R327.6 Fences.** All fences located on corner lots shall maintain a 25- foot
39 setback from the apex of the intersecting streets.”

40
41 [(13)] (15) In section R401.3 strike “The grade shall fall a minimum of 6 inches (152
42 mm) within the first 10 feet (3048 mm).” and substitute:

43
44 “The ground immediately adjacent to the foundation shall be sloped away from the
45 building at a slope of not less than one unit vertical in 12 units horizontal (1:12) for a
46 minimum distance of 5 feet (914 mm) measured perpendicular to the face of the wall or
47 an approved alternate method of diverting water away from the foundation shall be used.
48 Consideration shall be given to the possible additional settlement of the backfill when
49 establishing the final ground level adjacent to the foundation.”

1
2 [(14)] (16) In the exception to section R401.3, strike “6 inches (152 mm)” and
3 substitute “5 inches” and strike “10 feet (3048 mm)” and substitute “5 feet”.

4
5 [(15)] (17) In section R403.1, after “ACI332.” insert “In all buildings a concrete-
6 encased electrode shall be provided prior to the placement of concrete in accordance with
7 section 250.52(a)(3) of the National Electrical Code, 2011 edition.”

8
9 [(16)] (18) In section R403.1.4.1 Exceptions: 1., strike “600 square feet (56 m2)” and
10 substitute “400 square feet”.

11
12 [(17)] (19) After section R405.1, insert:

13
14 **“R405.1.1 Subsoil drainage systems.** Subsoil drains shall be required for all
15 buildings having basements, cellars, crawl spaces, or floors below grade. Subsoil
16 drains shall be located inside and outside of the foundation and shall be installed
17 at or below the area to be protected. Drains shall discharge by gravity or
18 mechanical means into an approved drainage system in accordance with section
19 R405.1.2. Drains shall be perforated or open joint approved drain tile not less than
20 3 inches in diameter and be placed in gravel, slag, or crushed rock or other
21 approved material at least one sieve size larger than the tile joint opening or
22 perforations with a minimum of 4 inches surrounding the drain tile or pipe on all
23 sides. Exterior drains shall have an approved filter material placed on top of the
24 required gravel stone or crushed rock.

25
26 **R405.1.2 Sump pumps and pits.** Where subsoil drains do not discharge by
27 gravity, the drains shall discharge to an accessible sump pit with an automatic
28 electric pump. The sump pit shall be a minimum of 18 inches in diameter and 24
29 inches in depth, and be provided with a fitted cover. The sump pump shall have
30 adequate capacity to discharge all water coming into the sump as it accumulates
31 but in no case shall the capacity of the pump be less than 15 gallons per minute.
32 The discharge from the pump shall be a minimum of 1 1/4 inches and shall have a
33 union in the discharge piping to make the pump accessible for servicing. When
34 not serving a continuous flowing spring or ground water the sump pump may
35 discharge onto a splash block not less than 24 inches in length. The discharge pipe
36 shall be located within 4 inches of the splash block and positioned to divert the
37 flow parallel to the splash block. Subsoil drains and sump pump discharge may
38 discharge to a properly graded open area provided the point of discharge is 5 feet
39 from any property line. Where a continuous flowing spring or groundwater is
40 encountered, subsoil and sump pump discharge lines must be piped to a storm
41 drain or approved water course. When piped to a storm drain all drainage lines
42 shall be provided with an accessible backwater valve.

43
44 **R405.1.3 Areaway drains.** All open subsurface space adjacent to a building
45 serving as an exit or entrance shall be provided with a drain or drains. [Such
46 areaway drains shall be of approved material in accordance with Chapter 30 of the
47 Building Code and not less than 2 inches in diameter and shall discharge by
48 gravity or mechanical means in accordance with section R405.1.2. No areaway
49 drain may discharge into a subsoil drain. Areaway drains for areas exceeding 100

1 square feet shall be sized in accordance with the 2012 International Plumbing
2 Code.] ALL AREAWAY DRAINS SHALL BE SOLID PVC OR EQUIVALENT AND SHALL
3 DISCHARGE DIRECTLY TO A SUMP CROCK, DAYLIGHT, OR OTHER APPROVED
4 MEANS. NO AREAWAY DRAIN MAY DISCHARGE INTO A SUBSOIL DRAIN. DRAINS
5 SERVING AREAWAYS NOT EXCEEDING 100 SQUARE FEET SHALL HAVE A
6 MINIMUM 2-INCH DIAMETER PIPE. AREAWAY DRAINS EXCEEDING 100 SQUARE
7 FEET BUT NOT EXCEEDING 1,000 SQUARE FEET SHALL BE PROVIDED WITH A
8 MINIMUM 3-INCH DIAMETER PIPE. AREAWAY DRAINS EXCEEDING 1,000 SQUARE
9 FEET SHALL BE SIZED IN ACCORDANCE WITH THE 2015 INTERNATIONAL
10 PLUMBING CODE.

11
12 **R405.1.4 Window well drains.** Window well areaways shall have drains.
13 Window well areaways 10 square feet or less may discharge to the subsoil drain
14 through a 2-inch minimum diameter pipe. Drains for window well areaways
15 greater than 10 square feet shall be installed in accordance with section
16 [R405.1.2] R405.1.3.

17
18 **R405.1.5 Foundation weep holes.** Where subsoil drains are required by section
19 R405.1.1, foundations of hollow core masonry shall have foundation weep holes.
20 Weep holes shall be placed a maximum of 4 foot O/C intervals and shall
21 discharge into the aggregate of the interior subsoil drainage system.”

22
23 [(18)] (20) In section R405.1.1, strike “R405.1.1” and substitute “R405.1.6” and strike
24 “either” and, after “interior”, strike “or” and substitute “and”.

25
26 [(19)] (21) In section R406.1 after “enclose”, insert “non-habitable and non-usable”.

27
28 [(20)] (22) In section R406.2, strike “In areas where a high water table or other severe
29 soil-water conditions are known to exist,” and capitalize “exterior”.

30
31 [(21)] (23) In section M1305.1.3, in the last sentence, after “appliance.”, insert:

32
33 “Access to the attic opening shall be provided by a permanent or pull down
34 stairway in all new construction.”

35
36 [(22)] (24) In section M1307.5, strike “Chapters 14, 15, 19, 20, and 34 through 43 of
37 this Code” and substitute “the National Electrical Code, [2011] 2014 edition”.

38
39 [(23)] (25) After section M1307.5 insert:

40
41 **“M1307.5.1 Final disconnect means for central heating and air conditioning**
42 **systems.** Central heating or central air conditioning systems shall be wired
43 through a final disconnect means. The final disconnect means shall be located at
44 the equipment being installed.”

45
46 [(24)] (26) In section P2603.5, strike “not less than 12 inches (305 mm) deep and not
47 less than”.

1 [(25)] (27) In section P2603.5.1, in the third line, strike “[number] inches (mm)” and
2 substitute “12 inches” and, in the fifth line, strike “[number] inches (mm)” and substitute
3 “18 inches”.

4
5 (28) AFTER SECTION P2604.2.4, INSERT:

6
7 **“P2604.3 TRACER WIRE.** NONMETALLIC SANITARY SEWER AND NONMETALLIC
8 WATER SUPPLY PIPING THAT CONNECTS TO PUBLIC SYSTEMS SHALL BE
9 LOCATABLE. AN INSULATED COPPER TRACER WIRE, 10 AWG MINIMUM IN SIZE
10 AND SUITABLE FOR DIRECT BURIAL OR AN EQUIVALENT PRODUCT SHALL BE
11 UTILIZED. THE WIRE SHALL BE INSTALLED IN THE SAME TRENCH AS THE SEWER
12 OR WATER SUPPLY PIPING WITHIN 12 INCHES (305 MM) OF THE PIPING AND SHALL
13 BE INSTALLED FROM WITHIN FIVE FEET OF THE BUILDING WALL TO THE POINT
14 WHERE THE BUILDING SEWER OR WATER SUPPLY SYSTEM CONNECTS WITH THE
15 PUBLIC SYSTEM. AT A MINIMUM, ONE END OF THE WIRE SHALL TERMINATE
16 ABOVE GRADE IN AN ACCESSIBLE LOCATION THAT IS RESISTANT TO PHYSICAL
17 DAMAGE, SUCH AS WITH A CLEANOUT OR AT THE BUILDING WALL.”

18
19 [(26)] (29) In P2903.4, after [“P2903.4.1.”] “P2903.4.2.”, insert:

20
21 “Thermal expansion shall be provided for all closed potable water systems.”

22
23 [(27)] (30) After section [“P2903.4.1”] “P2903.4.2”, insert:

24
25 **“[P2903.4.2] P2903.4.3 Non-pressurized expansion tanks.** Non-pressurized
26 expansion tanks shall be securely fastened to the structure and supported to carry
27 twice the weight of the tank filled with water. Provisions shall be made for
28 draining non-pressurized tanks without emptying the system.

29
30 **[P2903.4.3] P2903.4.4 Pressurized expansion tanks.** Pressurized expansion tanks
31 shall be consistent with the volume and capacity of the system. Tanks shall be
32 capable of withstanding a hydrostatic test pressure of two and one-half times the
33 allowable working pressure of the system.

34
35 **[P2903.4.4] P2903.4.5 Minimum capacity.** The minimum capacity of expansion
36 tanks shall be determined from the manufacturer’s specifications.”

37
38 [(28)] (31) After section [P2905.4] P2906.5, insert:

39
40 “Underground water service piping for public water systems shall be Type L
41 copper. Private water service piping shall be Type K underground and Type L for
42 above ground installations.”

43
44 [(29)] (32) After section [P2905.4.2] P2906.5, insert:

45
46 **“[P2905.4.3] P2906.5.1 Water distribution piping.** Inaccessible water
47 distribution piping under slabs shall be copper water tube minimum Type L for
48 public water systems and Type K for private water systems, brass, ductile iron
49 pressure pipe, cross-linked polyethylene/aluminum/cross-linked polyethylene
50 (PEX-AL-PEX) pressure pipe, chlorinated polyvinyl chloride (CPVC) or
51 polybutylene (PB) or cross-linked polyethylene (PEX) plastic pipe or tubing, all

1 to be installed with approved fittings or bends. The minimum pressure rating for
2 plastic pipe or tubing installed under slabs shall be 100 psi at 180 F (689k Pa at 82
3 C).”

4
5 [(30)] (33) After section P3007.1, insert:

6
7 **“P3007.1.1 Dwellings.** Dwellings served entirely by pumping systems shall use
8 [alternating duplex] SIMPLEX pumping equipment with an integral alarm system.”

9
10 [(31)] (34) Strike Chapters 34 through 43 in their entirety.

11
12 [(32)] (35) Appendix I Chapter 44 under ICC Strike “International Private Sewage
13 Disposal Code” and substitute “Anne Arundel Private Sewage Code and Well Code”.

14
15 [(33)] (36) In section AI101.1, strike “International Private Sewage Disposal Code”
16 and substitute “the Anne Arundel County Private Sewage Disposal and Well Code”.

17
18 **ENERGY CONSERVATION CODE AMENDMENTS**

19
20 The provisions of the [2012] 2015 International Energy Conservation Code are
21 amended, deleted, or corrected as follows and the following provisions shall supersede
22 the part of the text of the [2012] 2015 International Energy Conservation Code as
23 indicated:

24
25 **INTERNATIONAL EXISTING BUILDING CODE AMENDMENTS**

26
27 THE PROVISIONS OF THE INTERNATIONAL EXISTING BUILDING CODE, 2015 EDITION,
28 ARE AMENDED, DELETED, OR CORRECTED AS FOLLOWS, AND THE FOLLOWING
29 PROVISIONS SHALL SUPERSEDE THE PART OF THE TEXT OF THE INTERNATIONAL
30 EXISTING BUILDING CODE, 2015 EDITION, AS INDICATED:

31
32 (1) STRIKE CHAPTER 1 IN ITS ENTIRETY AND SUBSTITUTE “CHAPTER 1 –
33 CONSTRUCTION CODE ADMINISTRATIVE PROVISIONS”.

34
35 (2) IN SECTION 202, IN THE DEFINITION OF “CODE OFFICIAL”, STRIKE “THE OFFICER
36 OR OTHER DESIGNATED AUTHORITY CHARGED WITH THE ADMINISTRATION AND
37 ENFORCEMENT OF THIS CODE, OR A DULY AUTHORIZED REPRESENTATIVE” AND
38 SUBSTITUTE “THE DIRECTOR OF INSPECTIONS AND PERMITS, OR DULY AUTHORIZED
39 REPRESENTATIVE, CHARGED WITH THE ADMINISTRATION AND ENFORCEMENT OF THIS
40 CODE”.

41
42 **ELECTRICAL CODE AMENDMENTS**

43
44 The provisions of the National Electrical Code, [2011] 2014 edition, are amended,
45 deleted, or corrected as follows and the following provisions shall supersede the part of
46 the text of the National Electrical Code, [2011] 2014 edition, as indicated:

47
48 **FUEL GAS CODE AMENDMENTS**

49
50 The provisions of the [2012] 2015 International Fuel Gas Code are amended, deleted,
51 or corrected as follows and the following provisions shall supersede the part of the text of
52 the [2012] 2015 International Fuel Gas Code as indicated:

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MECHANICAL CODE AMENDMENTS

The provisions of the [2012] 2015 International Mechanical Code are amended, deleted, or corrected as follows and the following provisions shall supersede the part of the text of the [2012] 2015 International Mechanical Code as indicated:

(4) In section 202, after the definition of ["Direct-Vent Appliances"] "DISCRETE PRODUCT", insert:

"**Domestic Refrigeration.** A refrigeration system having a rating of less than five horsepower."

PLUMBING CODE AMENDMENTS

16 The provisions of the [2012] 2015 International Plumbing Code are amended, deleted, or corrected as follows and the following provisions shall supersede the part of the text of the [2012] 2015 International Plumbing Code as indicated:

19 (7) AFTER SECTION 306.4, INSERT:

21
22 "306.5 TRACER WIRE. NONMETALLIC SANITARY SEWER AND NONMETALLIC
23 WATER SUPPLY PIPING THAT CONNECTS TO PUBLIC SYSTEMS SHALL BE
24 LOCATABLE. AN INSULATED COPPER TRACER WIRE, 10 AWG MINIMUM IN SIZE
25 AND SUITABLE FOR DIRECT BURIAL OR AN EQUIVALENT PRODUCT SHALL BE
26 UTILIZED. THE WIRE SHALL BE INSTALLED IN THE SAME TRENCH AS THE SEWER
27 OR WATER SUPPLY PIPING WITHIN 12 INCHES (305 MM) OF THE PIPING AND SHALL
28 BE INSTALLED FROM WITHIN FIVE FEET OF THE BUILDING WALL TO THE POINT
29 WHERE THE BUILDING SEWER OR WATER SUPPLY SYSTEM CONNECTS WITH THE
30 PUBLIC SYSTEM. AT A MINIMUM, ONE END OF THE WIRE SHALL TERMINATE
31 ABOVE GRADE IN AN ACCESSIBLE LOCATION THAT IS RESISTANT TO PHYSICAL
32 DAMAGE, SUCH AS WITH A CLEANOUT OR AT THE BUILDING WALL."
33

34 [(7)] (8) In section 309.2, strike "3. Covers on potable water wells shall be sealed,
35 except where the top of the casing well or pipe sleeve is elevated to at least 1 foot (305
36 mm) above the design flood elevation."
37

38 [(8)] (9) After section 403.5, insert:

39
40 "403.6 Public swimming pools and spas. Public swimming pools and spas shall
41 conform to this Code and the requirements set forth in COMAR, 10.17.01 and
42 Article 11, Title 14, of the County Code."
43

44 (10) IN SECTION 410.4, DELETE "NOT MORE THAN 50 PERCENT OF".
45

46 [(9)] (11) In section 417.3, strike "1 1/2 inches (38 mm)" and substitute "2 inches".
47

48 [(10)] (12) After section 504.7.2, insert:

49
50 "**504.8 Thermal expansion.** Thermal expansion shall be provided for all closed
51 potable water systems."

1
2 **504.8.1 Non-pressurized expansion tanks.** Non-pressurized expansion tanks
3 shall be securely fastened to the structure and supported to carry twice the
4 weight of the tank filled with water. Provisions shall be made for draining
5 non-pressurized tanks without emptying the system.
6

7 **504.8.2 Pressurized expansion tanks.** Pressurized expansion tanks shall be
8 consistent with the volume and capacity of the system. Tanks shall be capable
9 of withstanding a hydrostatic test pressure of 2 1/2 times the allowable
10 working pressure of the system.
11

12 **504.8.3 Minimum capacity.** The minimum capacity of expansion tanks shall
13 be determined from the manufacturer's specifications."
14

15 [(11)] (13) In section 602.3.3, strike "connection to the plumbing system" and
16 substitute "the issuance of the certificate of occupancy".
17

18 [(12)] (14) After section 605.3, insert:
19

20 "Underground water service piping for public water systems shall be Type L
21 copper. Private water service piping shall be Type K underground and Type L for
22 above ground installations."
23

24 [(13)] (15) After section 605.4, insert:
25

26 "**Section 605.4.1 Under concrete slabs.** Inaccessible water distribution piping
27 under slabs shall be copper water tube minimum Type L for public water systems
28 and Type K for private water systems, brass, ductile iron pressure pipe,
29 galvanized steel pipe, chlorinated polyvinyl chloride (CPVC) or crosslinked
30 polyethylene (PEX) plastic pipe or tubing - all to be installed with approved
31 fittings or bends. The minimum pressure rating for plastic pipe or tubing installed
32 under slabs shall be 100 PSI at 180°F (689 KPA at 82°C)."
33

34 [(14)] (16) Strike section 608.17 AND TABLE 608.17.1 [its] IN THEIR entirety.
35

36 [(15)] (17) In section 701.2, strike "International Private Sewage Disposal Code" and
37 substitute "the Anne Arundel County Private Sewage Disposal and Well Code".
38

39 [(16)] (18) After section 712.4.2, insert:
40

41 "**712.4.3 Structures.** Structures served entirely by pumping systems shall use
42 alternating duplex pumping equipment with an integral alarm system."
43

44 [(17)] (19) In section 903.11 insert "6" in the space indicated and strike "(mm)".
45

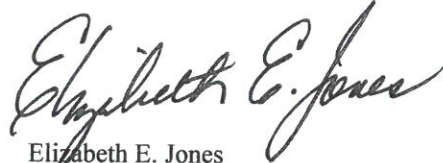
46 [(18)] (20) After section 1003.3.5, insert:
47

48 "**1003.3.6 Location.** All grease [traps] INTERCEPTORS shall be located outside the
49 building served and shall be accessible for servicing."

1 SECTION 3. *And be it further enacted*, That this Ordinance shall take effect 45 days
2 from the date it becomes law.

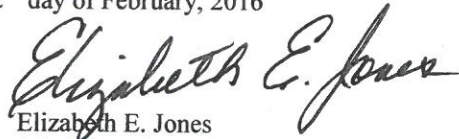
READ AND PASSED this 1st day of February, 2016

By Order:



Elizabeth E. Jones
Administrative Officer

PRESENTED to the County Executive for his approval this 2nd day of February, 2016



Elizabeth E. Jones
Administrative Officer

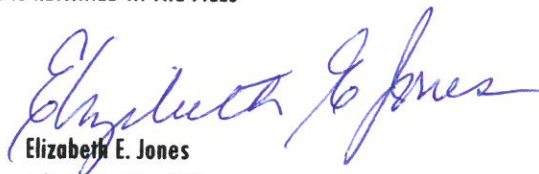
APPROVED AND ENACTED this 3 day of February, 2016



Steven R. Schuh
County Executive

EFFECTIVE DATE: March 19, 2016

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF BILL NO.
123-15. THE ORIGINAL OF WHICH IS RETAINED IN THE FILES
OF THE COUNTY COUNCIL.



Elizabeth E. Jones
Administrative Officer