

Introduced 3/2/15
 Public Hearing 3/16/15
 Council Action 4/6/15
 Executive Action 4/19/15
 Effective Date 4/9/15

County Council Of Howard County, Maryland

2015 Legislative Session

Legislative Day No. 3

Bill No. 10 -2015

Introduced by: The Chairperson at the request of the County Executive

AN ACT adopting the International Building Code, 2015, the International Residential Code, 2015, the International Mechanical Code, 2015, and the International Energy Conservation Code, 2015; providing that such codes collectively comprise the Howard County Building Code; regulating the design, construction, alteration, improvement, or modification of a building, structure, or other related equipment; adopting certain local amendments to the Building Code; adopting penalties for the violation of the Building Code; making certain technical corrections; and generally relating to the regulation of building and construction in Howard County.

Introduced and read first time March 2, 2015. Ordered posted and hearing scheduled.

By order Jessica Feldmark
 Jessica Feldmark, Administrator

Having been posted and notice of time & place of hearing & title of Bill having been published according to Charter, the Bill was read for a second time at a public hearing on March 16, 2015.

By order Jessica Feldmark
 Jessica Feldmark, Administrator

This Bill was read the third time on April 6, 2015 and Passed Passed with amendments Failed

By order Jessica Feldmark
 Jessica Feldmark, Administrator

Sealed with the County Seal and presented to the County Executive for approval this 8th day of April, 2015 at 11:45 a.m./p.m.

By order Jessica Feldmark
 Jessica Feldmark, Administrator

Approved/Vetoed by the County Executive April 9, 2015

Allan H. Kittleman
 Allan H. Kittleman, County Executive

NOTE: [[text in brackets]] indicates deletions from existing law; TEXT IN SMALL CAPITALS indicates additions to existing law; ~~Strike-out~~ indicates material deleted by amendment; Underlining indicates material added by amendment.

1 **Section 1. Be It Enacted** by the County Council of Howard County, Maryland, that the
2 Howard County Code is amended as follows:

3 *By repealing and reenacting:*

4 *Title 3. Buildings.*

5 *Subtitle 1. Building Code.*

6 *Section 3.100. Howard County Building Code; adoption of international codes.*

7

8 *Title 3. Buildings.*

9 *Subtitle 1. Building Code.*

10 *Section 3.101. Amendments to the International Building Code, 2012 Edition.*

11

12 *Title 3. Buildings.*

13 *Subtitle 1. Building Code.*

14 *Section 3.102. Amendments to the International Residential Code, 2012 Edition.*

15

16 *Title 3. Buildings.*

17 *Subtitle 1. Building Code.*

18 *Section 3.103. Amendments to the International Mechanical Code, 2012 Edition.*

19

20 *Title 3. Buildings.*

21 *Subtitle 1. Building Code.*

22 *Section 3.104. Amendments to the International Energy Conservation Code, 2012*

23 *Edition.*

24

25 **Title 3. Buildings.**

26 **Subtitle 1. Building code.**

27

28 **SECTION 3.100. HOWARD COUNTY BUILDING CODE; ADOPTION OF INTERNATIONAL**

29 **CODES.**

30 (A) *IN GENERAL.* EXCEPT AS AMENDED IN SECTIONS 3.101, 3.102, 3.103, AND 3.104 OF

31 THIS SUBTITLE, THE CODES ENUMERATED IN THIS SECTION ARE HEREBY ADOPTED AS

1 THE HOWARD COUNTY BUILDING CODE AS IF THE CODES WERE SET OUT IN FULL IN
2 THIS SECTION.

3 (B) *ADOPTED CODES.*

4 (1) THE INTERNATIONAL BUILDING CODE, 2015 EDITION, PUBLISHED BY THE
5 INTERNATIONAL CODE COUNCIL, INC.

6 (2) THE INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY
7 DWELLINGS, 2015 EDITION, PUBLISHED BY THE INTERNATIONAL CODE
8 COUNCIL, INC.

9 (3) THE INTERNATIONAL MECHANICAL CODE, 2015 EDITION, PUBLISHED BY
10 THE INTERNATIONAL CODE COUNCIL, INC.

11 (4) THE INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION,
12 PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, INC.

13 (5) THE LIFE SAFETY CODE, 2015 EDITION, PUBLISHED BY THE NATIONAL FIRE
14 PROTECTION ASSOCIATION.

15 (6) THE HOWARD COUNTY ELECTRICAL CODE, ADOPTED PURSUANT TO TITLE
16 3, SUBTITLE 2 OF THE HOWARD COUNTY CODE.

17 (7) THE PLUMBING AND GASFITTING CODE FOR HOWARD COUNTY ADOPTED
18 PURSUANT TO TITLE 3, SUBTITLE 3 OF THE HOWARD COUNTY CODE.

19 (8) THE MARYLAND STATE ACCESSIBILITY CODE.

20 (9) THE HOWARD COUNTY SIGN CODE, ADOPTED PURSUANT TO TITLE 3,
21 SUBTITLE 5 OF THE HOWARD COUNTY CODE.

22
23 **SECTION 3.101. AMENDMENTS TO THE INTERNATIONAL BUILDING CODE, 2015**
24 **EDITION.**

25 (A) *IN GENERAL.*

26 (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE
27 INTERNATIONAL BUILDING CODE, 2015 EDITION.

28 (2) AS USED IN THIS CODE, THE TERM “BUILDING OFFICIAL” MEANS THE
29 DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
30 OR THE DIRECTOR’S AUTHORIZED DESIGNEE.

- 1 (3) WHERE THE NAME OF THE JURISDICTION IS TO BE INDICATED IN ANY
2 SECTION OF THIS CODE, INSERT “HOWARD COUNTY”.
- 3 (4) AS USED IN THIS CODE, THE TERM “DEPARTMENT OF BUILDING SAFETY”
4 MEANS THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS.
- 5 (B) *LOCAL AMENDMENTS.* THE FOLLOWING AMENDMENTS MODIFY CERTAIN PROVISIONS
6 OF THE ADOPTED CODE.
- 7 (1) *SUBSECTION 101.1 TITLE.*
8 DELETE THIS SUBSECTION.
- 9 (2) *SUBSECTION 101.2 SCOPE.*
10 DELETE THE EXCEPTION AND SUBSTITUTE THE FOLLOWING:
11 **EXCEPTION 1:** DETACHED ONE-FAMILY AND TWO-FAMILY DWELLINGS AND
12 MULTIPLE SINGLE-FAMILY DWELLINGS (TOWNHOUSES) NOT MORE THAN
13 THREE STORIES HIGH WITH SEPARATE MEANS OF EGRESS AND THEIR
14 ACCESSORY STRUCTURES SHALL COMPLY WITH THE INTERNATIONAL
15 RESIDENTIAL CODE AND SECTION 3112 OF CHAPTER 31, SPECIAL
16 CONSTRUCTION, OF THIS CODE.
17 **EXCEPTION 2:** AGRICULTURAL BUILDINGS. THE PROVISIONS OF THIS CODE
18 SHALL NOT APPLY TO THE CONSTRUCTION, ALTERATION, ADDITION, REPAIR,
19 REMOVAL, DEMOLITION, USE, LOCATION OR MAINTENANCE OF
20 AGRICULTURE BUILDINGS. THIS PROVISION DOES NOT EXEMPT THE OWNER
21 OF AN AGRICULTURAL BUILDING FROM OBTAINING REQUIRED ELECTRICAL
22 OR PLUMBING PERMITS OR FROM COMPLYING WITH ALL OTHER APPLICABLE
23 LOCAL, STATE AND FEDERAL REGULATIONS, LAWS AND ORDINANCES.
- 24 (3) *SUBSECTION 101.3.1 NATURE OF CERTAIN ACTIONS.*
25 ADD NEW SUBSECTION 101.3.1 AFTER SUBSECTION 101.3 AS FOLLOWS:
26 **101.3.1. NATURE OF CERTAIN ACTIONS.** THE PURPOSE OF ACTIONS TAKEN
27 BY THE JURISDICTION PURSUANT TO THIS CODE IS PURELY GOVERNMENTAL
28 IN NATURE AND ARE CONDUCTED SOLELY FOR THE PUBLIC BENEFIT.
29 ACTIONS TAKEN PURSUANT TO THIS CODE ARE NOT TO BE CONSTRUED AS
30 PROVIDING ANY WARRANTY OF DESIGN OR CONSTRUCTION TO ANY PERSON.
- 31 (4) *SUBSECTION 101.4 REFERENCED CODES.*

1 IN THE FIRST PARAGRAPH, DELETE “101.4.7” AND SUBSTITUTE “101.4.11”.

2 (5) *SUBSECTION 101.4.1 GAS.*

3 DELETE SUBSECTION 101.4.1 AND SUBSTITUTE THE FOLLOWING:

4 **101.4.1 GAS.** WHENEVER THE TERM “*INTERNATIONAL FUEL GAS CODE*” IS
5 USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR HOWARD
6 COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

7 (6) *SUBSECTION 101.4.2 MECHANICAL.*

8 DELETE SUBSECTION 101.4.2 AND SUBSTITUTE THE FOLLOWING:

9 **101.4.2 MECHANICAL.** WHENEVER THE TERM “*INTERNATIONAL*
10 *MECHANICAL CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF
11 HOWARD COUNTY ADOPTED PURSUANT TO SECTION 3.103 OF THIS
12 SUBTITLE.

13 (7) *SUBSECTION 101.4.3 PLUMBING.*

14 DELETE SUBSECTION 101.4.3 AND SUBSTITUTE THE FOLLOWING:

15 **101.4.3 PLUMBING.** WHENEVER THE TERM “*INTERNATIONAL PLUMBING*
16 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
17 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE AND
18 WHENEVER THE TERM “*INTERNATIONAL PRIVATE SEWAGE DISPOSAL CODE*” IS
19 USED IT SHALL MEAN HOWARD COUNTY WATER AND SEWER REGULATIONS
20 ADOPTED IN TITLE 18, SUBTITLE 1, SUBTITLE 12, AND SUBTITLE 15 AND IN
21 TITLE 12, SUBTITLE 1 OF THE HOWARD COUNTY CODE.

22 (8) *SUBSECTION 101.4.4 PROPERTY MAINTENANCE.*

23 DELETE SUBSECTION 101.4.4 AND SUBSTITUTE THE FOLLOWING:

24 **101.4.4 PROPERTY MAINTENANCE.** WHENEVER THE TERM
25 “*INTERNATIONAL PROPERTY MAINTENANCE CODE*” IS USED IT SHALL MEAN
26 THE HOWARD COUNTY PROPERTY MAINTENANCE CODE FOR RENTAL
27 HOUSING ADOPTED PURSUANT TO SUBTITLE 7 OF THIS TITLE.

28 (9) *SUBSECTION 101.4.5 FIRE PREVENTION.*

29 DELETE SUBSECTION 101.4.5 AND SUBSTITUTE THE FOLLOWING:

30 **101.4.5 FIRE PREVENTION.** WHENEVER THE TERM “*INTERNATIONAL FIRE*
31 *PREVENTION CODE*” IS USED IT SHALL MEAN THE HOWARD COUNTY FIRE

1 PREVENTION CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE
2 HOWARD COUNTY CODE.

3 (10) *SUBSECTION 101.4.6 ENERGY.*

4 DELETE SUBSECTION 101.4.6 AND SUBSTITUTE THE FOLLOWING:

5 **101.4.6 ENERGY.** WHENEVER THE TERM “*INTERNATIONAL ENERGY*
6 *CONSERVATION CODE*” IS USED IT SHALL MEAN THE ENERGY CONSERVATION
7 CODE OF HOWARD COUNTY ADOPTED PURSUANT TO SECTION 3.104 OF THIS
8 SUBTITLE.

9 (11) *SUBSECTION 101.4.7 EXISTING BUILDINGS.*

10 DELETE SUBSECTION 101.4.7 AND SUBSTITUTE THE FOLLOWING:

11 **101.4.7 EXISTING BUILDINGS.** EXISTING BUILDINGS UNDERGOING REPAIR,
12 ALTERATION, ADDITION, OR CHANGE OF OCCUPANCY MAY COMPLY WITH
13 THE MARYLAND REHABILITATION CODE.

14 (12) *SUBSECTIONS 101.4.8 ELECTRICAL.*

15 ADD NEW SUBSECTION 101.4.8 AFTER SUBSECTION 101.4.7 AS FOLLOWS:

16 **101.4.8 ELECTRICAL.** WHENEVER THE TERM “NFPA 70 NATIONAL
17 ELECTRICAL CODE” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR
18 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

19 (13) *SUBSECTION 101.4.9 ACCESSIBILITY.*

20 ADD NEW SUBSECTION 101.4.9 AFTER SUBSECTION 101.4.8 AS FOLLOWS:

21 **101.4.9 ACCESSIBILITY.** THE PROVISIONS OF THE MARYLAND
22 ACCESSIBILITY CODE SHALL APPLY TO ALL MATTERS AFFECTING
23 HANDICAPPED ACCESSIBILITY AND USE OF BUILDINGS AND SITES.

24 (14) *SUBSECTION 101.4.10 SIGNS.*

25 ADD NEW SUBSECTION 101.4.10 AFTER SUBSECTION 101.4.9 AS FOLLOWS:

26 **101.4.10 SIGNS.** THE PROVISIONS OF SUBTITLE 5 OF THE HOWARD COUNTY
27 CODE SHALL APPLY TO THE LOCATION, INSTALLATION, AND MAINTENANCE
28 OF SIGNS IN HOWARD COUNTY.

29 (15) *SUBSECTION 101.4.11 RESIDENTIAL CODE.*

30 ADD NEW SUBSECTION 101.4.11 AFTER SUBSECTION 101.4.10 AS FOLLOWS:

1 **101.4.11 RESIDENTIAL.** WHENEVER THE TERM “*INTERNATIONAL*
2 *RESIDENTIAL CODE*” IS USED, IT SHALL MEAN THE RESIDENTIAL CODE FOR
3 ONE-AND TWO-FAMILY DWELLINGS OF HOWARD COUNTY ADOPTED
4 PURSUANT TO SECTION 3.102 OF THIS SUBTITLE.

5 (16) *SECTION 103 DEPARTMENT OF BUILDING SAFETY.*

6 DELETE THE TITLE OF THIS SECTION AND SUBSTITUTE THE FOLLOWING AS
7 THE NEW TITLE:

8 **“SECTION 103**
9 **ENFORCEMENT AGENCY”**

10 (17) *SUBSECTION 103.1 CREATION OF ENFORCEMENT AGENCY.*

11 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

12 **103.1 ENFORCEMENT AGENCY.** THE HOWARD COUNTY DEPARTMENT OF
13 INSPECTIONS, LICENSES AND PERMITS IS RESPONSIBLE FOR ENFORCING THE
14 PROVISIONS OF THIS CODE. THE DIRECTOR OF THE DEPARTMENT OF
15 INSPECTIONS, LICENSES AND PERMITS OR THE DIRECTOR’S AUTHORIZED
16 DESIGNEE SHALL BE KNOWN AS THE BUILDING OFFICIAL.

17 (18) *SUBSECTION 103.2 APPOINTMENT.*

18 DELETE THIS SUBSECTION.

19 (19) *SUBSECTION 103.3 DEPUTIES.*

20 DELETE THIS SUBSECTION.

21 (20) *SUBSECTION 104.1.1 RULE-MAKING AUTHORITY.*

22 ADD NEW SUBSECTION 104.1.1 AFTER SUBSECTION 104.1 AS FOLLOWS:

23 **104.1.1 RULE-MAKING AUTHORITY.** IN THE INTEREST OF PUBLIC HEALTH,
24 SAFETY, AND GENERAL WELFARE, THE BUILDING OFFICIAL MAY ADOPT
25 RULES AND REGULATIONS TO INTERPRET AND IMPLEMENT THE PROVISIONS
26 OF THIS CODE. RULES AND REGULATIONS SHALL NOT WAIVE STRUCTURAL
27 OR FIRE PERFORMANCE REQUIREMENTS SPECIFICALLY PROVIDED FOR IN THIS
28 CODE. RULES AND REGULATIONS SHALL NOT VIOLATE ACCEPTED
29 ENGINEERING PRACTICES INVOLVING PUBLIC SAFETY.

30 (21) *SUBSECTION 104.8.1 LEGAL DEFENSE.*

1 IN THE FIRST SENTENCE OF THIS SUBSECTION, DELETE “LEGAL
2 REPRESENTATION OF THE JURISDICTION UNTIL THE FINAL TERMINATION OF
3 THE PROCEEDINGS” AND SUBSTITUTE “HOWARD COUNTY IN ACCORDANCE
4 WITH MARYLAND LAW”.

5 (22) SUBSECTION 104.10.1 FLOOD HAZARD AREAS.

6 DELETE THIS SUBSECTION.

7 (23) SUBSECTION *105.1.1 ANNUAL PERMIT*.

8 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

9 **105.1.1. MASTER PERMIT.** INSTEAD OF AN INDIVIDUAL PERMIT FOR EACH
10 ALTERATION TO AN ALREADY APPROVED BUILDING, ELECTRICAL, FIRE, GAS,
11 MECHANICAL, OR PLUMBING INSTALLATION, THE BUILDING OFFICIAL MAY
12 ISSUE A MASTER PERMIT UPON APPLICATION BY ANY PERSON, FIRM, OR
13 CORPORATION REGULARLY EMPLOYING ONE OR MORE QUALIFIED
14 PROFESSIONAL OR TRADESPERSON IN THE BUILDING, STRUCTURE, OR ON THE
15 PREMISES OWNED OR OPERATED BY THE APPLICANT.

16 (24) *SUBSECTION 105.1.2 ANNUAL PERMIT RECORDS.*

17 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

18 **105.1.2. MASTER PERMIT RECORDS.** A PERSON WHO IS ISSUED A MASTER
19 PERMIT SHALL KEEP A DETAILED RECORD OF ALTERATIONS MADE UNDER
20 THE MASTER PERMIT. THE BUILDING OFFICIAL SHALL HAVE ACCESS TO THE
21 RECORDS AT ALL TIMES OR THE RECORDS SHALL BE FILED WITH THE
22 BUILDING OFFICIAL. THE BUILDING OFFICIAL MAY PERIODICALLY INSPECT
23 WORK THAT HAS BEEN PERFORMED UNDER A MASTER PERMIT.

24 (25) *SUBSECTION 105.1.2.1 BUILDING CODE COMPLIANCE ASSURANCE MANUAL.*

25 ADD NEW SUBSECTION 105.1.2.1 AFTER SUBSECTION 105.1.2 AS FOLLOWS:

26 **105.1.2.1. BUILDING CODE COMPLIANCE ASSURANCE MANUAL.** AN
27 APPLICANT FOR A MASTER PERMIT SHALL PROVIDE TO THE BUILDING
28 OFFICIAL A BUILDING CODE COMPLIANCE ASSURANCE MANUAL THAT
29 SHALL INCLUDE THE FOLLOWING:

30 (I) A STATEMENT OF THE POLICIES AND PROCEDURES THAT WILL BE
31 USED TO MONITOR AND CONTROL THE ALTERATION AND

1 RENOVATION PROCESS TO ASSURE COMPLIANCE WITH THE HOWARD
2 COUNTY CODE;

3 (II) A DESCRIPTION OF HOW THE APPLICANT ASSURES CODE
4 COMPLIANCE BY ADHERING TO WRITTEN PROCEDURES OF QUALIFIED
5 PERSONS TO PERFORM THE SCOPE OF THE WORK COVERED BY THE
6 APPLICATION;

7 (III) A DESCRIPTION OF THE APPLICANT’S PROCESS FOR PLAN
8 DEVELOPMENT, PLAN REVIEW, AND INSPECTION;

9 (IV) A DESCRIPTION OF THE MEANS TO ASSURE COMPLIANCE WITH FIRE
10 PROTECTION ELEMENTS OF THE BUILDING AND SYSTEMS AFFECTED
11 BY THE PROPOSED ALTERATION OR RENOVATION; AND

12 (V) IF APPLICABLE, A STATEMENT OF COMPLIANCE FOR ACCESSIBILITY.

13 (26) *SUBSECTION 105.2 WORK EXEMPT FROM PERMIT.* IN THE SUBSECTION TITLED
14 “BUILDING”:

15 (I) IN ITEM 1, DELETE “120 SQUARE FEET (11 M²)” AND SUBSTITUTE
16 “200 SQUARE FEET”;

17 (II) IN ITEM 4, DELETE “4 FEET (1219 MM)” AND SUBSTITUTE “3 FEET”
18 AND DELETE “BOTTOM OF THE FOOTING” AND SUBSTITUTE “LOWEST
19 ADJACENT GRADE”;

20 (III) IN ITEM 11, DELETE “ACCESSORY TO DETACHED ONE- AND TWO-
21 FAMILY DWELLINGS”;

22 (IV) IN ITEM 12, DELETE “IN GROUP R-3 AND U OCCUPANCIES,” AND
23 DELETE “54 INCHES (1372 MM)” AND SUBSTITUTE “48 INCHES”; AND

24 (V) ADD THE FOLLOWING AS ITEM 14 AT THE END OF THIS SUBSECTION:

25 14. THE FOLLOWING WORK ON EXISTING SINGLE FAMILY
26 DWELLINGS:

27 A. EXTERIOR:

28 1. REPLACEMENT OF ROOF COVERINGS WITH NO OTHER
29 STRUCTURAL REPAIRS;

30 2. INSTALLATION OF SIDING, INCLUDING, BUT NOT
31 LIMITED TO, ALUMINUM OR VINYL SIDING;

- 1 3. INSTALLATION OF FASCIA, SOFFIT TRIM, GUTTERS, OR
- 2 DOWNSPOUTS;
- 3 4. REPLACEMENT OF WINDOWS OR DOORS WHEN THERE
- 4 IS NO CHANGE IN THE ROUGH OPENING SIZE;
- 5 5. INSTALLATION OF CANVAS OR FIXED AWNINGS;
- 6 6. REPLACEMENT OF EXTERIOR LIGHTING FIXTURES; OR
- 7 7. CONSTRUCTION OR INSTALLATION OF DETACHED
- 8 FREESTANDING DECKS THAT ARE LESS THAN 25
- 9 SQUARE FEET IN AREA AND LESS THAN 30 INCHES
- 10 ABOVE GRADE.

11 B. INTERIOR:

- 12 1. INSTALLATION OF RADON SYSTEMS;
- 13 2. PAINTING, WALLPAPERING, OR FLOOR COVERING;
- 14 3. INSTALLATION OF KITCHEN OR BATHROOM
- 15 CABINETS, COUNTER TOPS, APPLIANCES, OR
- 16 FIXTURES;
- 17 4. REPLACEMENT OF PANELING OR WALLBOARD;
- 18 5. REPLACEMENT OF DOORS WHEN THERE IS NO
- 19 CHANGE IN THE ROUGH OPENING SIZE;
- 20 6. INSTALLATION OF INSULATION;
- 21 7. INSTALLATION OF BURGLAR, FIRE, AND OTHER
- 22 ALARM SYSTEMS AND SMOKE DETECTORS;
- 23 8. REPLACEMENT OF ELECTRIC WATER HEATERS; OR
- 24 9. REPLACEMENT OF CEILING FANS, LIGHT FIXTURES,
- 25 OR RECEPTACLES.

26 C. THE FOLLOWING ADDITIONAL STRUCTURES:

- 27 1. ONE STORY DETACHED ACCESSORY STRUCTURES
- 28 LESS THAN 200 SQUARE FEET IN AREA INCLUDING,
- 29 BUT NOT LIMITED TO, STORAGE SHEDS, KIOSKS,
- 30 GAZEBOs, ARBORS, OR PLAYHOUSES;
- 31 2. INSTALLATION OF GREENHOUSES;

3. INSTALLATION OF TENTS OR CANOPIES;
4. INSTALLATION OF FENCES, UNLESS THE FENCE IS OVER 6 FEET HIGH OR ENCLOSES A SWIMMING POOL;
- OR
5. INSTALLATION OF MAILBOXES.

D. SITE WORK:

1. PAVING DRIVEWAYS;
2. INSTALLATION OF PATIOS, SIDEWALKS, OR LANDSCAPING;
3. INSTALLATION OF RETAINING WALLS THAT ARE 3 FEET OR LESS IN HEIGHT MEASURED FROM THE LOWEST ADJACENT GRADE TO THE TOP OF THE WALL;
- OR
4. INSTALLATION OF FLAGPOLES OR FLAGPOLE BASES.

(27) *SUBSECTION 105.3 APPLICATION FOR PERMIT.*

DELETE THE FIRST PARAGRAPH OF THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

TO OBTAIN A PERMIT, THE OWNER, OWNER'S AGENT, LESSEE, LESSEE'S AGENT, OR THE REGISTERED DESIGN PROFESSIONAL EMPLOYED TO COMPLETE THE PROPOSED WORK ON A BUILDING OR STRUCTURE SHALL APPLY FOR A PERMIT. THE APPLICATION SHALL STATE, AS APPLICABLE, THE FULL NAME AND ADDRESS OF THE OWNER, OWNER'S AGENT, LESSEE, LESSEE'S AGENT, AND THE REGISTERED DESIGN PROFESSIONAL EMPLOYED TO COMPLETE THE PROPOSED WORK. IF THE APPLICANT IS NOT AN INDIVIDUAL, SUCH AS, WITHOUT LIMITATION, A PARTNERSHIP, LIMITED PARTNERSHIP, CORPORATION, LIMITED LIABILITY COMPANY, OR OTHER SUCH ENTITY, THE APPLICATION SHALL STATE THE NAME AND ADDRESS OF THE PERSONS RESPONSIBLE FOR MANAGING THE BUSINESS INCLUDING, BUT NOT LIMITED TO, PARTNERS, DIRECTORS, OR OFFICERS. SUCH APPLICATION SHALL:

(28) *SECTION 106 FLOOR AND ROOF DESIGN LOADS*

1 DELETE THIS SECTION.

2 (29) *SUBSECTION 107.2.1.1. ADDITIONAL INFORMATION REQUIRED.*

3 ADD NEW SUBSECTION 107.2.1.1 AFTER SUBSECTION 107.2.1 AS FOLLOWS:

4 **107.2.1.1 ADDITIONAL INFORMATION REQUIRED.**

5 (I) DOCUMENTS SUBMITTED FOR DETACHED ONE- OR TWO-FAMILY
6 DWELLINGS INCLUDING NEW CONSTRUCTION, ALTERATIONS, MINOR
7 ADDITIONS, OR OTHER STRUCTURES SHALL INCLUDE THE
8 FOLLOWING ADDITIONAL INFORMATION:

9 A. EXCEPT AS PROVIDED IN PARAGRAPH B OF THIS SUBSECTION,
10 2 SETS OF CONSTRUCTION DOCUMENTS DRAWN TO SCALE
11 WITH SUFFICIENT CLARITY AND DETAIL TO SHOW THE
12 NATURE AND CHARACTER OF THE WORK TO BE PERFORMED
13 INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

- 14 1. PLANS OF EACH FLOOR LEVEL;
- 15 2. 4 ELEVATIONS AND TYPICAL CROSS SECTIONS; AND
- 16 3. 7 COPIES OF PLOT PLANS OR 2 COPIES OF THE
17 APPROVED SITE DEVELOPMENT PLAN WHEN A SITE
18 DEVELOPMENT PLAN IS REQUIRED BY THE HOWARD
19 COUNTY SUBDIVISION REGULATIONS.

20 B. 1. THE BUILDING OFFICIAL MAY WAIVE THE
21 REQUIREMENTS SET FORTH IN PARAGRAPH A OF THIS
22 SUBSECTION FOR:

- 23 I. ALTERATIONS; OR
- 24 II. OTHER STRUCTURES ACCESSORY TO A ONE-
25 OR TWO-FAMILY DWELLING CONTAINING
26 LESS THAN 200 SQUARE FEET IN AREA.

27 2. WHERE WAIVED, THE APPLICATION SHALL BE
28 ACCOMPANIED BY 5 COPIES OF PLOT PLANS OR 2
29 COPIES OF THE APPROVED SITE DEVELOPMENT PLAN
30 WHEN A SITE DEVELOPMENT PLAN IS REQUIRED BY
31 THE HOWARD COUNTY SUBDIVISION REGULATIONS.

1 (II) EXCEPT AS SET FORTH IN ITEMS B AND C OF THIS SUBPARAGRAPH,
2 DOCUMENTS SUBMITTED FOR NEW NON-RESIDENTIAL BUILDINGS,
3 ADDITIONS, OR ALTERATIONS TO BUILDINGS OTHER THAN DETACHED
4 ONE- OR TWO-FAMILY DWELLINGS SHALL INCLUDE THE FOLLOWING
5 ADDITIONAL INFORMATION:

6 A. 3 COMPLETE SETS OF ARCHITECTURAL, STRUCTURAL,
7 MECHANICAL (INCLUDING HEATING, VENTILATION, AND AIR
8 CONDITIONING), PLUMBING, AND ELECTRICAL
9 CONSTRUCTION DOCUMENTS. THE DOCUMENTS SHALL:

- 10 1. BE DRAWN TO SCALE WITH SUFFICIENT CLARITY AND
11 DETAIL TO SHOW THE NATURE AND CHARACTER OF
12 THE WORK TO BE PERFORMED;
- 13 2. BE PREPARED IN COMPLIANCE WITH THIS CODE; AND
- 14 3. BEAR THE SEAL, SIGNATURE, AND DATE OF THE
15 APPROPRIATE MARYLAND STATE PROFESSIONAL
16 ENGINEER OR ARCHITECT THAT SHALL BE AFFIXED TO
17 ALL SHEETS OF ALL SETS AND AT LEAST ONE SET
18 SHALL BEAR THE ORIGINAL SEAL, SIGNATURE, AND
19 DATE.

20 B. THE BUILDING OFFICIAL MAY ALLOW MECHANICAL,
21 ELECTRICAL, OR PLUMBING DRAWINGS TO BE SIGNED BY THE
22 LICENSED CONTRACTOR DOING THE PROPOSED WORK. THE
23 CONTRACTOR SHALL PROVIDE THEIR NAME, LICENSE
24 NUMBER, DAYTIME PHONE NUMBER, AND DATE OF
25 SIGNATURE. EACH SET OF PLANS SHALL BE ACCOMPANIED
26 BY A COPY OF THE APPROVED AND SIGNED SITE
27 DEVELOPMENT PLAN WHEN A SITE DEVELOPMENT PLAN IS
28 REQUIRED BY THE HOWARD COUNTY SUBDIVISION
29 REGULATIONS.

1 c. THE BUILDING OFFICIAL MAY WAIVE THE REQUIREMENTS OF
2 PLANS SUBMITTED IF THE WORK IS OF A MINOR INTERIOR OR
3 NONSTRUCTURAL NATURE.

4 (30) *SUBSECTION 107.2.5.2 SUBDIVISION AND LAND DEVELOPMENT REGULATIONS,*
5 *TITLE 16 OF THE HOWARD COUNTY CODE.*

6 ADD NEW SUBSECTION 107.2.5.2 AFTER SUBSECTION 107.2.5.1 AS
7 FOLLOWS:

8 **107.2.5.2 SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, TITLE**
9 **16 OF THE HOWARD COUNTY CODE.** IF A SITE DEVELOPMENT PLAN IS
10 REQUIRED BY THE HOWARD COUNTY SUBDIVISION REGULATIONS, A PERMIT
11 SHALL NOT BE ISSUED UNTIL THE SITE DEVELOPMENT PLAN IS APPROVED
12 UNLESS AUTHORIZED BY THE DIRECTOR OF PLANNING AND ZONING.

13 (31) *SUBSECTION 109.2 SCHEDULE OF PERMIT FEES.*

14 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

15 **109.2 SCHEDULE OF PERMIT FEES.** THE COUNTY COUNCIL SHALL
16 ANNUALLY ADOPT, BY RESOLUTION, A SCHEDULE OF FEES FOR BUILDING,
17 ELECTRICAL, PLUMBING, MECHANICAL, FIRE PROTECTION, AND GRADING
18 PERMITS ISSUED BY THE DEPARTMENT OF INSPECTIONS, LICENSES AND
19 PERMITS.

20 (32) *SUBSECTION 109.2.1 FEE EXEMPTIONS.*

21 ADD NEW SUBSECTION 109.2.1 AFTER SUBSECTION 109.2 AS FOLLOWS:

22 **109.2.1 FEE EXEMPTIONS.** WORK ON BUILDINGS AND STRUCTURES OWNED
23 AND OPERATED BY THE HOWARD COUNTY GOVERNMENT, HOWARD
24 COMMUNITY COLLEGE, HOWARD COUNTY VOLUNTEER FIRE
25 CORPORATIONS, THE HOWARD COUNTY FAIR ASSOCIATION, OR THE
26 HOWARD COUNTY BOARD OF EDUCATION ARE EXEMPT FROM PERMIT FEES.

27 (33) *SUBSECTION 109.5.1 REINSPECTION FEES.*

28 ADD NEW SUBSECTION 109.5.1 AFTER SUBSECTION 109.5 AS FOLLOWS:

29 **109.5.1 REINSPECTION FEES.** A REINSPECTION FEE SHALL BE CHARGED
30 FOR EACH REINSPECTION IF THE WORK HAS TO BE REINSPECTED BECAUSE:

- 1 (i) THE WORK WAS NOT READY FOR INSPECTION AT THE PRE-ARRANGED
2 TIME FOR INSPECTION;
3 (ii) THE INSPECTOR DID NOT HAVE ACCESS TO THE WORK AT THE PRE-
4 ARRANGED TIME FOR INSPECTION;
5 (iii) THE INSPECTOR HAD TO RETURN MORE THAN ONCE TO INSPECT A
6 CORRECTION OF THE SAME VIOLATION OF THIS CODE; OR
7 (iv) THE INSPECTOR DISCOVERS A FLAGRANT NON-COMPLIANCE DURING
8 A REQUESTED INSPECTION, INCLUDING BUT NOT LIMITED TO:
9 A. CUT OR BROKEN TRUSSES OR JOISTS;
10 B. MISSING LOAD BEARING STUDS; OR
11 C. THE OMISSION OF FIRE STOPPING.

12 (34) *SUBSECTION 110.3 REQUIRED INSPECTIONS.*

13 DELETE THE SENTENCE THAT BEGINS "THE *BUILDING OFFICIAL*" AND
14 SUBSTITUTE: AFTER ISSUING A BUILDING PERMIT, THE BUILDING OFFICIAL
15 SHALL CONDUCT INSPECTIONS FROM TIME TO TIME DURING AND UPON
16 COMPLETION OF THE WORK FOR WHICH THE PERMIT HAS BEEN ISSUED.
17 RECORDS OF INSPECTIONS AND VIOLATIONS SHALL BE MAINTAINED BY THE
18 BUILDING OFFICIAL. AN INSPECTION MAY INCLUDE ANY OF THE
19 INSPECTIONS AS SET FORTH IN SUBSECTIONS 110.3.1 THROUGH 110.3.10 OF
20 THIS SECTION.

21 (35) *SUBSECTION 111.1 USE AND OCCUPANCY.*

22 AFTER THE FIRST SENTENCE, INSERT THE FOLLOWING:
23 IF THERE IS AN APPROVED SITE DEVELOPMENT PLAN AND GRADING HAS
24 OCCURRED, THE BUILDING OFFICIAL SHALL NOT ISSUE A CERTIFICATE OF
25 USE AND OCCUPANCY UNLESS THE PERMITTEE SUBMITS A CERTIFICATION BY
26 A REGISTERED LAND SURVEYOR THAT THE SITE GRADING AND DRAINAGE
27 COURSES ARE IN COMPLIANCE WITH THE APPROVED SITE DEVELOPMENT
28 PLAN. IF THERE IS NOT AN APPROVED SITE DEVELOPMENT PLAN AND
29 GRADING HAS OCCURRED, THE PERMITTEE SHALL SUBMIT A CERTIFICATION
30 BY A REGISTERED LAND SURVEYOR THAT THE SITE GRADING AND DRAINAGE
31 COURSES ARE IN COMPLIANCE WITH THE APPROVED EROSION AND SEDIMENT

CONTROL PLAN AND GRADING PLAN. THE CERTIFICATION SHALL BE SUBMITTED TO THE COUNTY. THE FINE GRADING AND SOIL STABILIZATION MAY BE DEFERRED UNTIL THE FOLLOWING GROWING SEASON UPON THE POSTING OF ADEQUATE SURETY EQUAL TO THE COST TO COMPLETE THE GRADING AND STABILIZATION.

(36) *SUBSECTION 111.2 CERTIFICATE ISSUED.*

AFTER "OCCUPANCY" INSERT A PERIOD AND DELETE THE REMAINDER OF THIS SECTION.

(37) *SECTION 113 BOARD OF APPEALS.*

DELETE THIS SECTION AND SUBSTITUTE THE FOLLOWING:

SECTION 113 MEANS OF APPEAL.

113.1 APPLICATION FOR APPEAL. EXCEPT FOR A NOTICE OF VIOLATION, A PERSON MAY APPEAL THE APPROVAL, DENIAL, REVOCATION, SUSPENSION, OR EXTENSION OF A PERMIT TO A HEARING EXAMINER OF THE HOWARD COUNTY BOARD OF APPEALS. AN APPLICATION FOR AN APPEAL SHALL BE BASED ON A CLAIM THAT THIS CODE HAS BEEN INCORRECTLY INTERPRETED, THE PROVISIONS OF THIS CODE DO NOT APPLY, OR AN EQUALLY GOOD OR BETTER FORM OF CONSTRUCTION IS PROPOSED. A NOTICE OF VIOLATION MAY NOT BE APPEALED.

113.2 BOARD OF APPEALS. THE HOWARD COUNTY BOARD OF APPEALS' HEARING EXAMINER SHALL HEAR AND DECIDE APPEALS IN ACCORDANCE WITH THE PROCEDURES SET FORTH IN TITLE 16, SUBTITLE 3 OF THE HOWARD COUNTY CODE. NEITHER THE BOARD OF APPEALS' HEARING EXAMINER NOR THE BOARD OF APPEALS SHALL HAVE AUTHORITY TO WAIVE REQUIREMENTS OF THIS CODE.

(38) *SUBSECTION 114.2 NOTICE OF VIOLATION.*

AMEND THIS SUBSECTION AS FOLLOWS:

(I) INSERT "OWNER OR" BEFORE "PERSON RESPONSIBLE FOR"; AND

(II) ADD THE FOLLOWING SENTENCE TO THE END OF THIS SUBSECTION:

A NOTICE OF VIOLATION MAY BE SERVED IN ONE OF THE FOLLOWING METHODS:

- 1 A. PERSONAL SERVICE;
- 2 B. CERTIFIED OR REGISTERED MAIL, RESTRICTED DELIVERY,
- 3 RETURN RECEIPT REQUESTED;
- 4 C. FIRST CLASS MAIL TO THE OWNER’S ADDRESS AS STATED IN
- 5 THE RECORDS OF THE STATE DEPARTMENT OF ASSESSMENTS
- 6 AND TAXATION; OR
- 7 D. WHEN SERVICE IS NOT OBTAINED BY ONE OF THESE
- 8 METHODS, THE NOTICE MAY BE POSTED IN A CONSPICUOUS
- 9 PLACE AT THE JOB SITE.

10 (39) *SUBSECTION 114.4 VIOLATION PENALTIES.*

11 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

12 **114.4 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND
13 CONCURRENT WITH ALL REMEDIES PROVIDED AT LAW OR IN EQUITY AND AS
14 SET FORTH IN SUBSECTION 114.3 OF THIS CODE, THE BUILDING OFFICIAL
15 MAY ENFORCE THIS SUBTITLE WITH CIVIL PENALTIES PURSUANT TO TITLE 24
16 “CIVIL PENALTIES” OF THE HOWARD COUNTY CODE. EXCEPT FOR A FIRST
17 VIOLATION OF SECTION 115 OR SECTION 116 OF THIS CODE, A FIRST
18 VIOLATION OF THIS SUBTITLE IS A CLASS C OFFENSE. A SUBSEQUENT
19 VIOLATION OF THIS SUBTITLE IS A CLASS B OFFENSE. EACH DAY THAT A
20 VIOLATION CONTINUES IS A SEPARATE OFFENSE.

21 (40) *SUBSECTION 114.5 WITHHOLDING OF INSPECTIONS AND PERMITS.*

22 ADD NEW SUBSECTION 114.5 AFTER SUBSECTION 114.4 AS FOLLOWS:

23 **114.5 WITHHOLDING OF INSPECTIONS AND PERMITS.** IF THE BUILDING
24 OFFICIAL FINDS THAT AN OWNER OR PERSON RESPONSIBLE IS IN VIOLATION
25 OF A PROVISION OF THIS CODE, THIS SUBTITLE, OR ANY REGULATION THAT
26 IMPLEMENTS THIS CODE IN CONNECTION WITH THE CONSTRUCTION,
27 MAINTENANCE, ALTERATION, OR REPAIR OF ANY BUILDING, EQUIPMENT, OR
28 LAND WITHIN HOWARD COUNTY, THE BUILDING OFFICIAL MAY REFUSE TO
29 GRANT AN INSPECTION OR PERMIT TO THE CONTRACTOR, DEVELOPER,
30 OWNER, OR OTHER PERSON RESPONSIBLE UNTIL ALL VIOLATIONS HAVE BEEN
31 CORRECTED AND ALL FEES AND FINES HAVE BEEN PAID.

- 1 (41) *SUBSECTION 115.2.1 SERVICE OF STOP WORK ORDERS.*
2 ADD NEW SUBSECTION 115.2.1 AFTER SUBSECTION 115.2 AS FOLLOWS:
3 **115.2.1 SERVICE OF STOP WORK ORDERS.** A STOP WORK ORDER SHALL BE
4 SERVED IN ACCORDANCE WITH THE SERVICE PROVISIONS SET FORTH IN
5 SUBSECTION 114.2 OF THIS CODE.
- 6 (42) *SUBSECTION 115.3 UNLAWFUL CONTINUANCE.*
7 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:
8 **115.3 UNLAWFUL CONTINUANCE.** A PERSON SHALL NOT PERFORM WORK
9 AFTER SERVICE OF A STOP WORK ORDER EXCEPT WORK THAT IS PERFORMED
10 AT THE DIRECTION OF THE BUILDING OFFICIAL TO ABATE A VIOLATION OF
11 THIS CODE OR AN UNSAFE CONDITION.
- 12 (43) *SUBSECTION 115.4 PROSECUTION FOR FAILING TO STOP WORK.*
13 ADD NEW SUBSECTION 115.4 AFTER SUBSECTION 115.3 AS FOLLOWS:
14 **115.4 PROSECUTION FOR FAILING TO STOP WORK.** THE BUILDING
15 OFFICIAL MAY REQUEST THAT THE OFFICE OF LAW INSTITUTE THE
16 APPROPRIATE PROCEEDING AT LAW OR IN EQUITY TO PREVENT OR RESTRAIN
17 ANY WORK PERFORMED IN VIOLATION OF THIS SECTION.
- 18 (44) *SUBSECTION 115.5 VIOLATION PENALTIES.*
19 ADD NEW SUBSECTION 115.5 AFTER SUBSECTION 115.4 AS FOLLOWS:
20 **115.5 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND
21 CONCURRENT WITH THE REMEDIES SET FORTH IN SUBSECTION 115.4, THE
22 BUILDING OFFICIAL MAY ENFORCE THIS SECTION PURSUANT TO TITLE 24,
23 “CIVIL PENALTIES” OF THE HOWARD COUNTY CODE. A VIOLATION OF THIS
24 SECTION IS A CLASS B OFFENSE. EACH DAY THAT A VIOLATION CONTINUES
25 IS A SEPARATE OFFENSE.
- 26 (45) *SUBSECTION 116.6 DISREGARDING NOTICE.*
27 ADD NEW SUBSECTION 116.6 AFTER SUBSECTION 116.5 AS FOLLOWS:
28 **116.6 DISREGARDING NOTICE.** FAILURE TO COMPLY WITH A NOTICE
29 ISSUED UNDER THIS SECTION IS A VIOLATION OF THIS CODE.
- 30 (46) *SUBSECTION 116.7 PROSECUTION.*
31 ADD NEW SUBSECTION 116.7 AFTER SUBSECTION 116.6 AS FOLLOWS:

1 **116.7 PROSECUTION.** THE BUILDING OFFICIAL MAY REQUEST THAT THE
2 OFFICE OF LAW INSTITUTE THE APPROPRIATE PROCEEDING AT LAW OR IN
3 EQUITY TO PREVENT OR RESTRAIN ANY WORK PERFORMED IN VIOLATION OF
4 THIS SECTION.

5 (47) *SUBSECTION 116.8 VIOLATION PENALTIES.*

6 ADD NEW SUBSECTION 116.8 AFTER SUBSECTION 116.7 AS FOLLOWS:

7 **116.8 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND
8 CONCURRENT WITH THE REMEDIES SET FORTH IN SUBSECTION 116.6, THE
9 BUILDING OFFICIAL MAY ENFORCE THIS SECTION PURSUANT TO TITLE 24,
10 “CIVIL PENALTIES” OF THE HOWARD COUNTY CODE. A VIOLATION OF THIS
11 SECTION IS A CLASS B OFFENSE. EACH DAY THAT A VIOLATION CONTINUES
12 IS A SEPARATE OFFENSE.

13 (48) *SECTION 117 EMERGENCY MEASURES.*

14 ADD NEW SECTION 117 AFTER SECTION 116 AS FOLLOWS:

15 **SECTION 117 EMERGENCY MEASURES.**

16 **117.1 IMMINENT DANGER.** WHENEVER THE BUILDING OFFICIAL
17 DETERMINES THAT THERE IS AN EMERGENCY OR IMMINENT DANGER OF
18 FAILURE OR COLLAPSE OF A BUILDING, STRUCTURE, OR ANY PART OF A
19 BUILDING OR STRUCTURE THAT ENDANGERS LIFE, OR WHEN ANY BUILDING,
20 STRUCTURE, OR PART OF A BUILDING OR STRUCTURE HAS FALLEN AND LIFE
21 IS ENDANGERED BY THE OCCUPATION OF THE BUILDING OR STRUCTURE, THE
22 BUILDING OFFICIAL MAY ORDER AN OCCUPANT TO VACATE THE BUILDING
23 OR STRUCTURE. THE BUILDING OFFICIAL SHALL POST A NOTICE AT EACH
24 ENTRANCE TO THE BUILDING OR STRUCTURE. THE NOTICE SHALL STATE AS
25 FOLLOWS: “THIS STRUCTURE IS UNSAFE AND ITS OCCUPANCY HAS BEEN
26 PROHIBITED BY THE BUILDING OFFICIAL.” EXCEPT FOR THE PURPOSE OF
27 MAKING A REQUIRED REPAIR OR DEMOLISHING THE BUILDING OR
28 STRUCTURE, A PERSON SHALL NOT ENTER THE BUILDING OR STRUCTURE.

29 **117.2 TEMPORARY SAFEGUARDS.** WHENEVER THE BUILDING OFFICIAL
30 DETERMINES THAT THERE IS IMMINENT DANGER DUE TO AN UNSAFE
31 CONDITION, THE BUILDING OFFICIAL MAY CAUSE THE NECESSARY WORK TO

1 BE DONE TO MAKE THE BUILDING OR STRUCTURE TEMPORARILY SAFE,
2 WHETHER OR NOT THE LEGAL PROCEDURE AS SET FORTH IN THIS CODE HAS
3 BEEN INSTITUTED.

4 **117.3 CLOSING STREETS AND BUILDINGS.** IF NECESSARY FOR PUBLIC
5 SAFETY, THE BUILDING OFFICIAL MAY TAKE ANY OF THE FOLLOWING
6 ACTIONS:

- 7 (I) TEMPORARILY CLOSE A BUILDING OR STRUCTURE;
- 8 (II) CLOSE OR ORDER THE JURISDICTION TO CLOSE A SIDEWALK, STREET,
9 PUBLIC WAY, OR PLACE ADJACENT TO AN UNSAFE BUILDING OR
10 STRUCTURE; OR
- 11 (III) PROHIBIT THE USE OF A SIDEWALK, STREET, PUBLIC WAY, OR PLACE
12 ADJACENT TO AN UNSAFE BUILDING OR STRUCTURE.

13 **117.4. DEMOLITION OF STRUCTURES.**

14 WHENEVER THE BUILDING OFFICIAL DETERMINES THAT THERE IS IMMINENT
15 DANGER DUE TO AN UNSAFE STRUCTURE, THE BUILDING OFFICIAL MAY
16 CAUSE THE STRUCTURE TO BE DEMOLISHED IN ACCORDANCE WITH SECTION
17 118 OF THIS CODE.

18 **117.5 EMERGENCY REPAIRS.** FOR THE PURPOSE OF THIS SECTION, THE
19 BUILDING OFFICIAL MAY EMPLOY THE NECESSARY LABOR AND MATERIALS
20 TO PERFORM THE REQUIRED WORK AS EXPEDITIOUSLY AS POSSIBLE.

21 **117.6 COST OF EMERGENCY REPAIRS.** COSTS INCURRED IN THE
22 PERFORMANCE OF EMERGENCY WORK MAY BE PAID FROM THE TREASURY OF
23 THE JURISDICTION. THE OFFICE OF LAW SHALL INSTITUTE APPROPRIATE
24 ACTION TO SEEK REIMBURSEMENT AGAINST THE OWNER OF THE PREMISES
25 WHERE THE UNSAFE BUILDING OR STRUCTURE IS OR WAS LOCATED FOR THE
26 COST OF THE REPAIRS OR ACTIONS NECESSARY TO MAKE THE PREMISES
27 SAFE.

28 **117.7 UNSAFE EQUIPMENT.** WHENEVER THE BUILDING OFFICIAL
29 DETERMINES THAT EQUIPMENT IS UNSAFE, THE EQUIPMENT SHALL NOT BE
30 OPERATED AFTER THE DATE STATED IN THE NOTICE UNLESS THE REQUIRED
31 REPAIRS, REPLACEMENT, OR CHANGES HAVE BEEN MADE AND THE

1 EQUIPMENT HAS BEEN APPROVED OR UNLESS THE BUILDING OFFICIAL HAS
2 AGREED, IN WRITING, TO AN EXTENSION OF TIME TO MAKE THE REQUIRED
3 REPAIRS, REPLACEMENT, OR CHANGES.

4 **117.7.1 AUTHORITY TO SEAL EQUIPMENT.** IN THE CASE OF AN
5 EMERGENCY, THE BUILDING OFFICIAL MAY IMMEDIATELY SEAL OUT OF
6 SERVICE ANY UNSAFE DEVICE OR EQUIPMENT REGULATED BY THIS CODE.

7 **117.7.2 UNLAWFUL TO REMOVE SEAL.** ANY DEVICE OR EQUIPMENT
8 SEALED OUT OF SERVICE BY THE BUILDING OFFICIAL SHALL BE PLAINLY
9 IDENTIFIED IN AN APPROVED MANNER. EXCEPT BY THE BUILDING OFFICIAL,
10 THE IDENTIFICATION SHALL NOT BE TAMPERED WITH, DEFACED, OR
11 REMOVED. THE IDENTIFICATION SHALL INDICATE THE REASON FOR THE
12 SEALING OF THE EQUIPMENT.

13 (49) *SECTION 118 DEMOLITION OF STRUCTURES.*

14 ADD NEW SECTION 118 AFTER SECTION 117 AS FOLLOWS:

15 **SECTION 118 DEMOLITION OF STRUCTURES.**

16 **118.1 SERVICE CONNECTIONS.** BEFORE A STRUCTURE IS DEMOLISHED OR
17 REMOVED, THE OWNER OR AGENT SHALL NOTIFY ALL UTILITIES HAVING
18 SERVICE CONNECTIONS WITHIN THE STRUCTURE INCLUDING, BUT NOT
19 LIMITED TO, WATER, ELECTRIC, GAS, OR SEWER. A PERMIT TO DEMOLISH OR
20 REMOVE A STRUCTURE SHALL NOT BE ISSUED UNTIL A RELEASE IS OBTAINED
21 FROM THE UTILITIES. THE RELEASE SHALL STATE THAT THE UTILITY'S
22 RESPECTIVE SERVICE CONNECTIONS AND APPURTENANT EQUIPMENT, SUCH
23 AS METERS AND REGULATORS, HAVE BEEN REMOVED, SEALED, OR PLUGGED
24 IN A SAFE MANNER.

25 **118.2 NOTICE TO ADJOINING OWNERS.** A PERMIT TO REMOVE OR
26 DEMOLISH A BUILDING OR STRUCTURE MAY BE GRANTED IF WRITTEN NOTICE
27 HAS BEEN GIVEN BY THE APPLICANT TO THE OWNERS OF ADJOINING LOTS
28 AND TO THE OWNERS OF WIRED OR OTHER FACILITIES THAT MAY NEED TO BE
29 TEMPORARILY REMOVED DUE TO THE PROPOSED WORK.

30 **118.3 LOT REGULATION.** WHENEVER A STRUCTURE IS DEMOLISHED OR
31 REMOVED, THE PREMISES SHALL BE MAINTAINED FREE FROM ALL UNSAFE OR

1 HAZARDOUS CONDITIONS BY THE PROPER REGULATION OF THE LOT,
2 RESTORATION OF ESTABLISHED GRADES, AND THE ERECTION OF THE
3 NECESSARY RETAINING WALLS AND FENCES IN ACCORDANCE WITH THE
4 PROVISIONS OF CHAPTER 33 OF THIS CODE.

5 (50) *SUBSECTION 703.7 MARKING AND IDENTIFICATION.*

6 AMEND ITEM 1 AS FOLLOWS:

7 (I) DELETE “WITHIN 15 FEET (4572 MM) OF THE END OF EACH WALL
8 AND”;

9 (II) DELETE “30 FEET (914 MM)” AND SUBSTITUTE “10 FEET (3048
10 MM)”;

11 (III) AFTER “WALL OR PARTITION” INSERT “ON BOTH SIDES”; AND

12 (51) *SUBSECTIONS 903.2.1.1 GROUP A-1; 903.2.1.3 GROUP A-3; AND 903.2.1.4*
13 *GROUP A-4.*

14 DELETE ITEM NUMBER 2 IN EACH SUBSECTION AND SUBSTITUTE THE
15 FOLLOWING IN EACH INSTANCE:

16 2. THE FIRE AREA HAS A CALCULATED OCCUPANT LOAD OF 100 OR MORE;
17 OR

18 (52) *SUBSECTION 903.2.1.6 ASSEMBLY OCCUPANCIES ON ROOFS.*

19 IN THE FIRST SENTENCE DELETE “300” AND SUBSTITUTE “100”.

20 (53) *903.2.1.7 MULTIPLE FIRE AREAS.*

21 IN THE FIRST SENTENCE DELETE “300” AND SUBSTITUTE “100”.

22 (54) *SUBSECTION 903.2.3 GROUP E.*

23 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

24 **903.2.3 GROUP E.** AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED
25 FOR ALL GROUP E OCCUPANCIES.

26 **EXCEPTION:** AN AUTOMATIC SPRINKLER SYSTEM IS NOT REQUIRED IF A
27 STUDENT OCCUPIED AREA HAS A DOOR DIRECTLY TO THE OUTSIDE.

28 (55) *SUBSECTION 903.2.13 ADDITIONAL SUPPRESSION REQUIREMENTS.*

29 ADD NEW SUBSECTION 903.2.13 AFTER SUBSECTION 903.2.12 AS FOLLOWS:

1 **903.2.13 ADDITIONAL SUPPRESSION REQUIREMENTS.** FIRE SUPPRESSION
2 SYSTEMS SHALL BE PROVIDED FOR RESIDENTIAL AND NONRESIDENTIAL
3 BUILDINGS OR STRUCTURES AS FOLLOWS:

4 **903.2.13.1** IF AN ADDITION OR RENOVATION TO AN EXISTING R-1 OR R-2
5 BUILDING EXCEEDS 50% OF THE GROSS FLOOR AREA, THE ENTIRE BUILDING
6 SHALL BE PROTECTED BY AN APPROVED FIRE PROTECTION SYSTEM.

7 **903.2.13.2** ANY NONRESIDENTIAL BUILDING, STRUCTURE, OR ADDITION TO
8 AN EXISTING NONRESIDENTIAL BUILDING OR STRUCTURE FOR WHICH THE
9 INITIAL BUILDING PERMIT WAS ISSUED ON OR AFTER JULY 1, 1992, SHALL BE
10 PROTECTED BY AN AUTOMATIC FIRE PROTECTION SPRINKLER SYSTEM.

11 **903.2.13.3 APPLICABLE CONDITIONS AND EXCEPTIONS:**

- 12 (i) EXCEPTION: A BUILDING OR STRUCTURE CONTAINING LESS THAN
13 5,000 GROSS SQUARE FEET IN FLOOR AREA. THE GROSS SQUARE
14 FEET OF A BUILDING OR ADDITION SHALL BE THE SUM TOTAL OF THE
15 FLOOR AREA FOR ALL FLOOR LEVELS, BASEMENTS, AND
16 SUBBASEMENTS, MEASURED FROM OUTSIDE WALLS, IRRESPECTIVE
17 OF THE EXISTENCE OF INTERIOR FIRE-RESISTIVE WALLS, FLOORS, OR
18 CEILINGS.
- 19 (ii) IF AN ADDITION TO AN EXISTING BUILDING EXCEEDS 5,000 GROSS
20 SQUARE FEET IN FLOOR AREA, THE ADDITION SHALL COMPLY WITH
21 THIS SECTION.
- 22 (iii) IF AN ALTERATION TO AN EXISTING BUILDING EXCEEDS 5,000 GROSS
23 SQUARE FEET IN FLOOR AREA, THE ALTERATION SHALL COMPLY
24 WITH THIS SECTION. IF THE ALTERATION EXCEEDS 50% OF THE
25 GROSS FLOOR AREA OF THE BUILDING, THE ENTIRE BUILDING SHALL
26 COMPLY WITH THIS SECTION.
- 27 (iv) IF AN ALTERATION AND ADDITION OCCUR SIMULTANEOUSLY IN A
28 BUILDING, ARE CONTIGUOUS, AND THE TOTAL AFFECTED FLOOR
29 AREA EXCEEDS 5,000 GROSS SQUARE FEET IN FLOOR AREA, THE
30 ENTIRE ALTERATION AND ADDITION AREAS SHALL COMPLY WITH
31 THIS SECTION.

1 (v) THE BUILDING OFFICIAL MAY GRANT A WAIVER FROM THE
2 REQUIREMENTS OF THIS SECTION FOR AN UNUSUAL BUILDING,
3 STRUCTURE, OR OCCUPANCY.

4 (vi) A SPRINKLER SYSTEM REQUIRED BY THIS SECTION SHALL BE
5 INSTALLED IN ACCORDANCE WITH NFPA STANDARD 13, 13D, OR
6 13R, AS APPLICABLE.

7 (56) *SUBSECTION 903.2.14 HOSE CONNECTIONS.*

8 ADD NEW SUBSECTION 903.2.14 AFTER SUBSECTION 903.2.13 AS FOLLOWS:

9 **903.2.14 HOSE CONNECTIONS.** WHERE FIRE SUPPRESSION SYSTEMS ARE
10 REQUIRED IN GROUP M, S-1 AND F-1 OCCUPANCIES, A 2¹/₂ INCH HOSE
11 CONNECTION WITH 1¹/₂ INCH REDUCERS SHALL BE PROVIDED FOR FIRE
12 DEPARTMENT USE. HOSE CONNECTIONS SHALL BE PLACED NEAR EXIT
13 DOORS THAT DO NOT HAVE FIRE DEPARTMENT VEHICLE ACCESS WITHIN 100
14 FEET. TWO HOSE CONNECTIONS SHALL BE LOCATED NO MORE THAN 200
15 FEET APART. EXIT DOORS SHALL BE PLACARDED ON THE OUTSIDE TO
16 INDICATE THE LOCATION OF HOSE CONNECTIONS FOR FIRE DEPARTMENT
17 ACCESS.

18 (57) *SUBSECTION 905.11 PIPING DESIGN.*

19 ADD NEW SUBSECTION 905.11 AFTER SUBSECTION 905.10 AS FOLLOWS:

20 **905.11 PIPING DESIGN.** THE RISER PIPING, SUPPLY PIPING, AND WATER
21 SERVICE PIPING SHALL BE SIZED TO MAINTAIN A RESIDUAL PRESSURE OF AT
22 LEAST 100 PSI AT THE TOP MOST OUTLET OF EACH RISER WHILE FLOWING
23 THE MINIMUM QUANTITY OF WATER AS SPECIFIED IN NFPA 14. THE PIPE
24 SIZE SHALL BE BASED ON EITHER THE CAPACITY OF THE AUTOMATIC WATER
25 SUPPLY SYSTEM OR THE SUPPLY OF 1000 GPM AT 150 PSI AT THE FIRE
26 DEPARTMENT CONNECTION WHERE AN AUTOMATIC WATER SUPPLY IS
27 NEITHER REQUIRED NOR PROVIDED TO MAINTAIN THE RESIDUAL PRESSURE
28 OF 100 PSI. IF A FIRE PUMP IS REQUIRED TO SUPPLY AN AUTOMATIC
29 SPRINKLER SYSTEM, THE PUMP SHALL BE SIZED IN ACCORDANCE WITH THIS
30 SECTION.

EXCEPTION: THE RESIDUAL PRESSURE OF 100 PSI IS NOT REQUIRED IN BUILDINGS:

(I) THAT ARE EQUIPPED THROUGHOUT WITH AUTOMATIC SPRINKLER SYSTEMS IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2 OF THIS CODE;

(II) WHERE THE HIGHEST FLOOR LEVEL IS NOT MORE THAN 75 FEET ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS; AND

(III) WHERE A PUMP IS NOT REQUIRED TO MEET THE SPRINKLER SYSTEM DEMAND,

(58) *SUBSECTION 910.2 WHERE REQUIRED.*

DELETE EXCEPTIONS 1, 2, AND 3.

(59) *SUBSECTION 910.2.2 HIGH PILED COMBUSTIBLE STORAGE.*

(I) IN THE FIRST SENTENCE, DELETE “TABLE 3206.2 OF THE INTERNATIONAL FIRE CODE” AND SUBSTITUTE “TABLE 910.2.2 OF THE HOWARD COUNTY BUILDING CODE”.

(II) INSERT TABLE 910.2.2 AS FOLLOW:

TABLE 910.2.2

[F] TABLE
REQUIREMENTS FOR DRAFT CURTAINS AND SMOKE AND HEAT VENTS*

OCCUPANCY GROUP AND COMMODITY CLASSIFICATION	DESIGNATED STORAGE HEIGHT (feet)	MINIMUM DRAFT CURTAIN DEPTH (feet)	MAXIMUM AREA FORMED BY DRAFT CURTAINS (square feet)	VENT-AREA-TO-FLOOR-AREA RATIO ^a	MAXIMUM SPACING OF VENT CENTERS (feet)	MAXIMUM DISTANCE FROM VENTS TO WALL OR DRAFT CURTAIN ^b (feet)
High-piled Storage (see Section 910.2.2) Class I-IV commodities (Option 1)	≤ 20	6	10,000	1:100	100	60
	> 20 ≤ 40	6	8,000	1:75	100	55
High-piled Storage (see Section 910.2.2) Class I-IV commodities (Option 2)	≤ 20	4	3,000	1:75	100	55
	> 20 ≤ 40	4	3,000	1:50	100	50
High-piled Storage (see Section 910.2.2) High-hazard commodities (Option 1)	≤ 20	6	6,000	1:50	100	50
	> 20 ≤ 30	6	6,000	1:40	90	45
High-piled Storage (see Section 910.2.2) High-hazard commodities (Option 2)	≤ 20	4	4,000	1:50	100	50
	> 20 ≤ 30	4	2,000	1:30	75	40

For SI: 1 foot = 304.8 mm, 1 square foot = 0.0929 m².

a. Additional requirements for rack storage heights in excess of those indicated shall be in accordance with Chapter 32 of the *International Fire Code*. For solid-piled storage heights in excess of those indicated, an approved engineered design shall be used.

b. Vents adjacent to walls or draft curtains shall be located within a horizontal distance not greater than the maximum distance specified in this column as measured perpendicular to the wall or draft curtain that forms the perimeter of the draft curtained area.

c. Where draft curtains are not required, the vent area to floor area ratio shall be calculated based on a minimum draft curtain depth of 6 feet (Option 1).

d. “H” is the height of the vent, in feet, above the floor.

(60) *SUBSECTION 910.3. SMOKE AND HEAT VENTS..*

1 AFTER "910.3.3." INSERT THE FOLLOWING: SMOKE AND HEAT VENTS
2 SHALL BE APPROVED, LABELED, AND CAPABLE OF BEING OPERATED BY
3 APPROVED MANUAL MEANS.

4 (61) *TABLE 1607.1 ITEM 26 ROOFS.*

5 IN THE OCCUPANCY OR USE COLUMN:

6 (i) IN THE ROW TITLED "ALL OTHER CONSTRUCTION, EXCEPT ONE AND
7 TWO FAMILY DWELLINGS", IN THE COLUMN TITLED "UNIFORM",
8 DELETE "20" AND SUBSTITUTE "30" AND ADD FOOTNOTE "M" NEXT
9 TO "30"; AND

10 (ii) IN THE ROW TITLED "ORDINARY FLAT, PITCHED, AND CURVED ROOFS
11 (THAT ARE NOT OCCUPIABLE)" ADD FOOTNOTE "M" NEXT TO "20".

12 (62) *SUBSECTION 1607.10 REDUCTION IN UNIFORM LIVE LOADS.*

13 *IN BOTH SENTENCES, INSERT THE WORD "NOT" BEFORE PERMITTED.*

14 (63) *SUBSECTION 1607.12.1 DISTRIBUTION OF ROOF LOADS.*

15 IN THE LAST SENTENCE, DELETE THE WORDS "AND SECTION 7.5 OF ASCE 7
16 FOR PARTIAL SNOW LOADING".

17 (64) *SUBSECTION 1607.12.2 GENERAL.*

18 ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

19 **EXCEPTION:** EXCEPT FOR BUILDINGS OF GROUP U, A FLAT, PITCHED, OR
20 CURVED ROOF SHALL BE DESIGNED FOR A MINIMUM LIVE LOAD OF 30
21 POUNDS PER SQUARE FOOT (PSF) OR FOR THE MINIMUM SNOW LOAD,
22 WHICHEVER IS GREATER. IN BUILDINGS OF GROUP U, ROOFS SHALL BE
23 DESIGNED FOR A MINIMUM LIVE LOAD OF 20 PSF.

24 (65) *SUBSECTION 1803.2 INVESTIGATIONS REQUIRED.*

25 INSERT AT THE END OF THE FIRST SENTENCE "OR WHERE THE BUILDING
26 EXCEEDS 2 STORIES".

27 (66) *SUBSECTION 1809.5 FROST PROTECTION.*

28 DELETE EXCEPTION NUMBER 2 AND SUBSTITUTE "2. AREA OF 400 SQUARE
29 FEET OR LESS; AND".

30 (67) *SUBSECTION 1809.5.1 FROST LINE.*

31 ADD NEW SUBSECTION 1809.5.1 AFTER SUBSECTION 1809.5 AS FOLLOWS:

1 **1809.5.1 FROST LINE.** THE FROST LINE SHALL BE AT LEAST 30 INCHES
2 BELOW FINISHED GRADE.

3 (68) DELETE CHAPTERS 28 THROUGH 29.

4 (69) *SUBSECTION 3001.2 REFERENCED STANDARDS.*

5 ADD THE FOLLOWING TO THE END OF THE SUBSECTION:

6 **EXCEPTION:** THE REQUIREMENTS OF THE STATE OF MARYLAND ELEVATOR
7 CODE, ASME A17.1, SAFETY CODE FOR ELEVATORS AND ESCALATORS, AS
8 ADOPTED BY THE MARYLAND DEPARTMENT OF LABOR, LICENSING AND
9 REGULATION, SHALL APPLY TO ELEVATORS AND CONVEYING SYSTEMS.

10 (70) *SUBSECTION 3107.1 GENERAL.*

11 INSERT THE FOLLOWING AT THE END OF THIS SENTENCE AFTER “CODE”:
12 AND THE REQUIREMENTS OF THE HOWARD COUNTY SIGN CODE SET FORTH
13 IN TITLE 3, SUBTITLE 5 OF THE HOWARD COUNTY CODE.

14 (71) *SUBSECTION 3108.3 RADIO AND TELEVISION ANTENNAS.*

15 ADD NEW SUBSECTION 3108.3 AFTER SUBSECTION 3108.2 AS FOLLOWS:

16 **3108.3 RADIO AND TELEVISION ANTENNAS.**

17 **3108.3.1 PERMITS NOT REQUIRED.** BUILDING PERMITS ARE NOT REQUIRED
18 FOR ROOF INSTALLATION OF ANTENNAL STRUCTURES THAT ARE LESS THAN
19 12 FEET IN HEIGHT ABOVE THE ROOF AND USED FOR PRIVATE RADIO OR
20 TELEVISION RECEPTION. ANTENNAL STRUCTURES SHALL NOT BE ERECTED
21 SO AS TO DAMAGE THE ROOF COVERING. WHEN REMOVED FROM THE ROOF,
22 THE ROOF COVERING SHALL BE REPAIRED TO MAINTAIN WEATHER AND
23 WATER TIGHTNESS. THE INSTALLATION OF ANTENNAL STRUCTURES ON THE
24 ROOF OF A BUILDING SHALL NOT BE NEARER TO THE LOT LINE THAN THE
25 TOTAL HEIGHT OF THE ANTENNAL STRUCTURE ABOVE THE ROOF.

26 ANTENNAL STRUCTURES SHALL NOT BE ERECTED NEAR ELECTRIC POWER
27 LINES AND SHALL NOT ENCROACH UPON ANY STREET OR OTHER PUBLIC
28 SPACE.

29 **3108.3.2 PERMITS REQUIRED.** IF THE APPLICATION MEETS THE CRITERIA
30 SET FORTH IN THIS CODE, AN APPLICATION FOR ROOF-MOUNTED ANTENNAL
31 STRUCTURES MORE THAN 12 FEET IN HEIGHT ABOVE THE ROOF SHALL BE

1 APPROVED. A PERMIT APPLICATION FOR A ROOF-MOUNTED ANTENNAL
2 STRUCTURE UNDER THIS SUBSECTION SHALL BE ACCOMPANIED BY DETAILED
3 DRAWINGS OF THE STRUCTURE AND METHOD OF ANCHORAGE. ALL
4 CONNECTIONS TO THE ROOF STRUCTURE SHALL BE PROPERLY FLASHED TO
5 MAINTAIN WATER TIGHTNESS. THE DESIGN AND MATERIALS OF
6 CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THIS
7 SUBSECTION (3108.3) FOR CHARACTER, QUALITY, AND MINIMUM
8 DIMENSION.

9 **3108.3.3 DISH ANTENNAS.** A DISH ANTENNA IS AN ANTENNA THAT
10 CONSISTS OF A RADIATION ELEMENT THAT TRANSMITS OR RECEIVES
11 RADIATION SIGNALS GENERATED AS ELECTRICAL, LIGHT, OR SOUND
12 ENERGY. A DISH ANTENNA IS SUPPORTED BY A STRUCTURE WITH OR
13 WITHOUT A REFLECTIVE COMPONENT TO THE RADIATING DISH, USUALLY IN
14 A CIRCULAR SHAPE WITH A PARABOLIC CURVE DESIGN CONSTRUCTED OF A
15 SOLID OR OPEN MESH SURFACE.

16 **3108.3.3.1 PERMITS.** A PERMIT SHALL BE OBTAINED FOR DISH ANTENNAL
17 STRUCTURES THAT ARE GREATER THAN 3 FEET IN DIAMETER AND THAT ARE
18 ERECTED ON THE ROOF OF OR ATTACHED TO BUILDINGS OR STRUCTURES.
19 PERMITS ARE NOT REQUIRED FOR DISH ANTENNAS THAT ARE 3 FEET OR LESS
20 IN DIAMETER AND THAT ARE ERECTED AND MAINTAINED ON THE ROOF OF A
21 BUILDING.

22 **3108.3.3.2 STRUCTURAL PROVISIONS.** DISH ANTENNAS LARGER THAN 3
23 FEET IN DIAMETER ARE SUBJECT TO THE STRUCTURAL PROVISIONS OF
24 SECTIONS 1608 AND 1609. THE SNOW LOAD PROVISION OF SECTION 1608
25 SHALL NOT APPLY WHERE THE ANTENNA HAS A HEATER TO MELT FALLING
26 SNOW.

27 (72) *SECTION 3109.4.1.10. ALTERNATIVE DEVICES.*

28 ADD NEW SUBSECTION 3109.4.1.10 AFTER SUBSECTION 3109.4.1.9 AS
29 FOLLOWS:

30 **3109.4.1.10 ALTERNATIVE DEVICES.** NATURAL BARRIERS, POOL COVERS,
31 OR OTHER PROTECTIVE DEVICES APPROVED BY THE BUILDING OFFICIAL

1 SHALL BE AN ACCEPTABLE ENCLOSURE IF THE DEGREE OF PROTECTION
2 AFFORDED BY THE SUBSTITUTED DEVICE OR STRUCTURE IS GREATER THAN
3 THE PROTECTION AFFORDED BY THE ENCLOSURES, GATES, AND LATCHES
4 DESCRIBED HEREIN.

5 (73) *SECTION 3112 FLOODPLAIN.*

6 ADD NEW SECTION 3112 AFTER SECTION 3111 AS FOLLOWS:

7 **SECTION 3112 FLOODPLAIN.**

8 **3112.1 GENERAL.** FOR THE PURPOSE OF THIS SECTION, THE FLOODPLAIN IS
9 DELINEATED IN TITLE 16, SUBTITLE 7 OF THE HOWARD COUNTY CODE.

10 **3112.2 WITHIN DESIGNATED FLOODPLAIN.**

11 THE CONSTRUCTION, RECONSTRUCTION, MODIFICATION, ALTERATION,
12 REPAIR, OR IMPROVEMENT OF BUILDINGS, MANUFACTURED HOMES, OR
13 OTHER STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL BE
14 DONE IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THIS
15 SECTION.

16 **3112.2.1 NEW CONSTRUCTION.** NEW RESIDENTIAL OR NONRESIDENTIAL
17 CONSTRUCTION SHALL NOT OCCUR WITHIN A DESIGNATED FLOODPLAIN.

18 **EXCEPTION 1:** AN EXISTING NONCONFORMING STRUCTURE LOCATED
19 WITHIN A DESIGNATED FLOODPLAIN WHICH IS DESTROYED BY FIRE OR
20 FLOOD, OR THAT SUSTAINS SUBSTANTIAL DAMAGE MAY BE RESTORED TO
21 THE SAME SIZE AND DIMENSION AND IN THE SAME LOCATION ON THE SAME
22 LOT AS THE DESTROYED STRUCTURE, PROVIDED CONSTRUCTION BEGINS
23 WITHIN 12 MONTHS OF THE DATE OF DESTRUCTION. CONSTRUCTION SHALL
24 COMPLY WITH THE ELEVATING AND FLOODPROOFING REQUIREMENTS OF
25 SUBSECTION 3112.4 FOR NEW CONSTRUCTION ADJACENT TO A FLOODPLAIN.
26 A PERSON SHALL NOT INTENTIONALLY DEMOLISH OR RECONSTRUCT ANY
27 NONCONFORMING STRUCTURE. THIS EXCEPTION DOES NOT APPLY TO
28 MANUFACTURED HOMES. A MANUFACTURED HOME CANNOT BE RESTORED
29 UNDER ANY CONDITION WITHIN A DESIGNATED FLOODPLAIN.

30 **EXCEPTION 2:** TRANSPORTATION NETWORKS, UTILITY INSTALLATIONS,
31 PIERS, OPEN PIER STRUCTURES, AND OPEN DECKS APPROVED BY THE

1 DEPARTMENT OF PUBLIC WORKS. STREETS, SIDEWALKS, PATHWAYS, AND
2 UTILITY SYSTEMS IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN
3 MANUAL AND ALL OTHER APPLICABLE CODES, ORDINANCES, RESOLUTIONS,
4 AND REGULATIONS.

5 **3112.2.2 ADDITIONS AND ENLARGEMENTS.** EXISTING NONCONFORMING
6 STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL NOT BE
7 EXPANDED OR ENLARGED.

8 **3112.2.3 MODIFICATIONS, ALTERATIONS, AND REPAIRS.** MODIFICATIONS,
9 ALTERATIONS, REPAIRS, OR IMPROVEMENTS THAT COST LESS THAN 50% OF
10 THE FAIR MARKET VALUE OF THE STRUCTURE MAY BE MADE TO EXISTING
11 NONCONFORMING STRUCTURES LOCATED WITHIN A DESIGNATED
12 FLOODPLAIN WITHOUT FLOODPROOFING OR ELEVATING IF THE OWNER
13 DEMONSTRATES THROUGH A MARYLAND STATE REGISTERED PROFESSIONAL
14 ENGINEER THAT FLOODPROOFING OR ELEVATING IS IMPRACTICAL.

15 **3112.3 SUBSTANTIAL IMPROVEMENTS WITHIN A DESIGNATED**
16 **FLOODPLAIN.** SUBSTANTIAL IMPROVEMENTS WITHIN A DESIGNATED
17 FLOODPLAIN SHALL MEET THE STANDARDS SET FORTH IN THIS SUBSECTION
18 AND TITLE 16, SUBTITLE 7 OF THE HOWARD COUNTY CODE.

19 **3112.3.1. RESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT, OF
20 SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING RESIDENTIAL
21 STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL BE
22 ELEVATED TO AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION.

23 **3112.3.2. NONRESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A
24 BASEMENT, OF SUBSTANTIAL IMPROVEMENTS TO EXISTING
25 NONCONFORMING NONRESIDENTIAL STRUCTURES SHALL BE ELEVATED TO
26 AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION OR SHALL BE
27 DESIGNED SO THAT ANY AREA OF THE BUILDING WHICH IS LOWER THAN 2
28 FEET ABOVE THE 100-YEAR FLOOD ELEVATION, AS DETERMINED OR
29 APPROVED BY THE DEPARTMENT OF PUBLIC WORKS, IS WATERTIGHT WITH
30 WALLS SUBSTANTIALLY IMPERMEABLE TO THE PASSAGE OF WATER AND
31 WITH STRUCTURAL COMPONENTS HAVING THE CAPABILITY OF

1 WITHSTANDING APPLICABLE HYDROSTATIC, HYDRODYNAMIC, IMPACT,
2 SOIL, AND, WHEN APPLICABLE, HURRICANE AND TIDAL WAVE LOADING
3 CONDITIONS. THE WATER TIGHTNESS AND STRUCTURAL CAPABILITIES
4 SHALL BE THOSE DESCRIBED IN FLOODPROOFING REGULATIONS PUBLISHED
5 BY THE OFFICE OF THE CHIEF OF ENGINEERS, U.S. ARMY, WASHINGTON,
6 D.C., DECEMBER 1995, OR SUBSEQUENT REVISIONS, AND SECTION
7 16.705(C) OF THE HOWARD COUNTY CODE.

8 **3112.4 CONSTRUCTION ADJACENT TO A DESIGNATED FLOODPLAIN.**

9 WHERE BUILDINGS ARE LOCATED ADJACENT TO A DESIGNATED FLOODPLAIN
10 THE FOLLOWING SUBSECTIONS AND TITLE 16, SUBTITLE 7 OF THE HOWARD
11 COUNTY CODE SHALL APPLY:

12 **3112.4.1 RESIDENTIAL.** IN NEW CONSTRUCTION OF RESIDENTIAL
13 BUILDINGS OR ADDITIONS OR SUBSTANTIAL IMPROVEMENTS TO
14 RESIDENTIAL BUILDINGS, ALL FLOORS, INCLUDING THOSE OF BASEMENT
15 AND STORAGE AREAS, SHALL BE ELEVATED AT LEAST 2 FEET ABOVE THE
16 100-YEAR FLOOD LEVEL.

17 **3112.4.2 NONRESIDENTIAL.** IN NEW CONSTRUCTION OF NONRESIDENTIAL
18 BUILDINGS OR ADDITIONS OR SUBSTANTIAL IMPROVEMENTS TO
19 NONRESIDENTIAL BUILDINGS, EITHER:

- 20 (i) ALL FLOORS (INCLUDING THOSE OF BASEMENT AND STORAGE
21 AREAS) SHALL BE ELEVATED AT LEAST 2 FEET ABOVE THE 100-YEAR
22 FLOOD LEVEL, AS DETERMINED OR APPROVED BY THE DEPARTMENT
23 OF PUBLIC WORKS; OR
24 (ii) THE CONSTRUCTION OR IMPROVEMENT (INCLUDING ATTENDANT
25 UTILITY OR SANITARY FACILITIES) SHALL BE DESIGNED SO THAT ANY
26 AREAS OF THE BUILDING THAT ARE LOWER THAN 2 FEET ABOVE THE
27 100-YEAR FLOOD ELEVATION, AS DETERMINED OR APPROVED BY
28 THE DEPARTMENT OF PUBLIC WORKS, ARE WATERTIGHT WITH
29 WALLS SUBSTANTIALLY IMPERMEABLE TO THE PASSAGE OF WATER
30 AND WITH STRUCTURAL COMPONENTS HAVING THE CAPABILITY OF
31 WITHSTANDING APPLICABLE HYDROSTATIC, HYDRODYNAMIC,

1 IMPACT, SOIL, AND, WHEN APPLICABLE, HURRICANE AND TIDAL
2 WAVE LOADING CONDITIONS. ELECTRICAL, HEATING, VENTILATION,
3 PLUMBING, AIR CONDITIONING EQUIPMENT, AND OTHER SERVICE
4 FACILITIES ASSOCIATED WITH THE BUILDINGS SHALL BE DESIGNED
5 OR LOCATED TO PREVENT WATER FROM ENTERING OR
6 ACCUMULATING WITHIN THE COMPONENTS DURING FLOOD
7 CONDITIONS. THE WATER TIGHTNESS AND STRUCTURAL
8 CAPABILITIES SHALL BE THOSE DESCRIBED IN FLOODPROOFING
9 REGULATIONS, PUBLISHED BY THE OFFICE OF THE CHIEF OF
10 ENGINEERS, U.S. ARMY, WASHINGTON, D.C., DECEMBER 1995, OR
11 SUBSEQUENT REVISIONS, AND SECTION 16.705(C) OF THE HOWARD
12 COUNTY CODE.

13 **3112.4.3. MODIFICATIONS, ALTERATIONS OR REPAIRS.** MODIFICATIONS,
14 ALTERATIONS, REPAIRS, OR IMPROVEMENTS THAT COSTS LESS THAN 50% OF
15 THE FAIR MARKET VALUE OF THE STRUCTURE MAY BE MADE TO EXISTING
16 NONCONFORMING STRUCTURES LOCATED ADJACENT TO A DESIGNATED
17 FLOODPLAIN WITHOUT FLOODPROOFING OR ELEVATING.

18 **3112.4.4. VARIANCES.** VARIANCES TO THE REQUIREMENTS SET FORTH IN
19 THIS SUBSECTION MAY BE GRANTED BY THE BUILDING OFFICIAL IN
20 ACCORDANCE WITH SECTION 16.711 OF THE HOWARD COUNTY CODE.

21 **3112.5 SUBSTANTIAL IMPROVEMENTS ADJACENT TO A DESIGNATED**
22 **FLOODPLAIN.** SUBSTANTIAL IMPROVEMENTS ADJACENT TO A DESIGNATED
23 FLOODPLAIN SHALL MEET THE STANDARDS SET FORTH IN THIS SUBSECTION
24 AND TITLE 16, SUBTITLE 7 OF THE HOWARD COUNTY CODE.

25 **3112.5.1 RESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT, OF
26 SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING RESIDENTIAL
27 STRUCTURES LOCATED ADJACENT TO A DESIGNATED FLOODPLAIN SHALL BE
28 ELEVATED TO AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION.

29 **3112.5.2 NONRESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT,
30 OF SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING
31 NONRESIDENTIAL STRUCTURES LOCATED ADJACENT TO A DESIGNATED

1 FLOODPLAIN SHALL BE ELEVATED TO AT LEAST 2 FEET ABOVE THE
2 100-YEAR FLOOD ELEVATION OR SHALL BE DESIGNED SO THAT ANY AREA OF
3 THE BUILDING WHICH IS LOWER THAN 2 FEET ABOVE THE 100-YEAR FLOOD
4 ELEVATION, AS DETERMINED OR APPROVED BY THE DEPARTMENT OF
5 PUBLIC WORKS, IS WATERTIGHT WITH WALLS SUBSTANTIALLY
6 IMPERMEABLE TO THE PASSAGE OF WATER AND WITH STRUCTURAL
7 COMPONENTS HAVING THE CAPABILITY OF WITHSTANDING APPLICABLE
8 HYDROSTATIC, HYDRODYNAMIC IMPACT, SOIL, AND, WHEN APPLICABLE,
9 HURRICANE AND TIDAL WAVE LOADING CONDITIONS. ELECTRICAL,
10 HEATING, VENTILATION, PLUMBING, AIR CONDITIONING EQUIPMENT, AND
11 OTHER SERVICE FACILITIES ASSOCIATED WITH THE BUILDINGS SHALL BE
12 DESIGNED OR LOCATED SO AS TO PREVENT WATER FROM ENTERING OR
13 ACCUMULATING WITHIN THE COMPONENTS DURING CONDITIONS OF
14 FLOODING. THE WATER TIGHTNESS AND STRUCTURAL CAPABILITIES SHALL
15 BE THOSE DESCRIBED IN FLOODPROOFING REGULATIONS PUBLISHED BY THE
16 OFFICE OF THE CHIEF OF ENGINEERS, U.S. ARMY, WASHINGTON, D.C.,
17 DECEMBER 1995, OR SUBSEQUENT REVISIONS, AND SECTION 16.705(C) OF
18 THE HOWARD COUNTY CODE.

19 **3112.6 VERIFICATION.** FOR THE PURPOSE OF VERIFYING COMPLIANCE
20 WITH SECTION 3112.4 FOR CONSTRUCTION ADJACENT TO A DESIGNATED
21 FLOODPLAIN, THE FOLLOWING SHALL APPLY:

- 22 (I) WHEN FLOODPROOFING BY MEANS OTHER THAN ELEVATING, A
23 DOCUMENT STATING THAT THE PROPOSED CONSTRUCTION HAS BEEN
24 ADEQUATELY DESIGNED TO WITHSTAND THE LOADING CONDITIONS
25 STATED IN SUBSECTION 3112.4.2(II) SHALL BE CERTIFIED BY A
26 PROFESSIONAL ENGINEER OR ARCHITECT CURRENTLY REGISTERED IN
27 MARYLAND. THIS DOCUMENT SHALL BE REQUIRED PRIOR TO
28 ISSUANCE OF A BUILDING PERMIT.
- 29 (II) WHEN FLOODPROOFING BY ELEVATING IS USED, THE OWNER SHALL
30 AGREE, IN WRITING, TO PROVIDE A FEMA ELEVATION CERTIFICATE
31 FORM 086-0-33, COMPLETED BY A PROFESSIONAL ENGINEER OR

1 PROFESSIONAL LAND SURVEYOR CURRENTLY REGISTERED IN
2 MARYLAND, CERTIFYING THAT THE AS-BUILT LOWEST FLOOR OF THE
3 STRUCTURE IS ELEVATED AT LEAST 2 FEET ABOVE THE 100-YEAR
4 FLOODPLAIN ELEVATION. THE AGREEMENT SHALL BE MADE PRIOR
5 TO THE ISSUANCE OF THE BUILDING PERMIT AND THE COMPLETED
6 CERTIFICATION SHALL BE SUBMITTED PRIOR TO FOUNDATION
7 APPROVAL BY THE BUILDING OFFICIAL.

8 (III) FAIR MARKET VALUE OF A STRUCTURE SHALL BE ESTABLISHED BY A
9 RECENT (WITHIN 6 MONTHS) FORMAL APPRAISAL FROM A QUALIFIED
10 APPRAISER. FAIR MARKET VALUE SHALL NOT INCLUDE LAND
11 VALUE.

12 (IV) COST TO REPAIR OR IMPROVE A STRUCTURE SHALL BE ESTABLISHED
13 BY A RECENT (WITHIN 6 MONTHS) WRITTEN ESTIMATE FROM A
14 LICENSED CONTRACTOR AND SHALL INCLUDE THE COMPLETE COST
15 OF REPAIRS OR IMPROVEMENTS TO THE POINT OF USE OR
16 OCCUPANCY.

17 **3112.7 DEFINITIONS.** NOTWITHSTANDING CHAPTER 2 OF THE
18 INTERNATIONAL BUILDING CODE, THE FOLLOWING DEFINITIONS SHALL
19 APPLY TO SECTION 3112, FLOODPLAIN, OF THIS CODE:

20 **ACCESSORY STRUCTURE.** A DETACHED STRUCTURE ON THE SAME PARCEL
21 OR PROPERTY AS THE PRINCIPAL STRUCTURE THAT HAS A USE THAT IS
22 INCIDENTAL TO THE PRINCIPAL STRUCTURE INCLUDING, BUT NOT LIMITED
23 TO, A SHED OR DETACHED GARAGE.

24 **ADJACENT TO A FLOODPLAIN.** SHARING A COMMON BORDER WITH A
25 FLOODPLAIN.

26 **BASEMENT.** AN ENCLOSED AREA THAT IS BELOW GRADE ON ALL SIDES.

27 **FLOODPLAIN.** SHALL BE AS DELINEATED IN TITLE 16, SUBTITLE 7 OF THE
28 HOWARD COUNTY CODE.

29 **FLOODPROOFING.** ANY COMBINATION OF ADDITIONS, CHANGES, OR
30 ADJUSTMENTS TO A STRUCTURE WHICH REDUCE OR ELIMINATE FLOOD
31 DAMAGE TO REAL ESTATE OR IMPROVED REAL PROPERTY, WATER OR

1 SANITARY FACILITIES, OR STRUCTURES AND THEIR CONTENTS , SUCH THAT
2 THE BUILDINGS OR STRUCTURES ARE WATERTIGHT WITH WALLS
3 SUBSTANTIALLY IMPERMEABLE TO THE PASSAGE OF WATER AND WITH
4 STRUCTURAL COMPONENTS HAVING THE CAPABILITY OF RESISTING
5 HYDROSTATIC AND HYDRODYNAMIC LOADS AND EFFECTS OF BUOYANCY.

6 **HISTORIC STRUCTURE.** A BUILDING LISTED ON THE NATIONAL REGISTER
7 OF HISTORIC PLACES, A STATE INVENTORY OF HISTORIC PLACES, OR AN
8 INVENTORY OF HISTORIC STRUCTURES ADOPTED BY RESOLUTION OF THE
9 COUNTY COUNCIL. A HISTORIC STRUCTURE ALSO INCLUDES A STRUCTURE
10 THAT IS CERTIFIED OR PRELIMINARILY DETERMINED BY THE UNITED STATES
11 SECRETARY OF THE INTERIOR AS CONTRIBUTING TO THE HISTORICAL
12 SIGNIFICANCE OF A REGISTERED HISTORIC DISTRICT OR A DISTRICT
13 PRELIMINARILY DETERMINED BY THE SECRETARY TO QUALIFY AS A
14 REGISTERED HISTORIC DISTRICT.

15 **LOWEST FLOOR.** THE LOWEST FLOOR OR THE LOWEST ENCLOSED AREA,
16 INCLUDING A BASEMENT. LOWEST FLOOR DOES NOT INCLUDE AN
17 UNFINISHED OR FLOOD RESISTANT ENCLOSURE USED SOLELY FOR PARKING
18 VEHICLES, BUILDING ACCESS, OR STORAGE IN AN AREA OTHER THAN A
19 BASEMENT AREA. THE ENCLOSURE SHALL NOT BE BUILT SO AS TO RENDER
20 THE STRUCTURE IN VIOLATION OF THE APPLICABLE NON-ELEVATION DESIGN
21 REQUIREMENTS OF SUBSECTIONS 3112.4 AND 3112.6 OF THIS CODE.

22 **MANUFACTURED HOME.** A MANUFACTURED HOME SHALL HAVE THE
23 MEANING SET FORTH IN TITLE 16, SUBTITLE 7 OF THE HOWARD COUNTY
24 CODE.

25 **NEW CONSTRUCTION.** STRUCTURES, INCLUDING ADDITIONS AND
26 IMPROVEMENTS, AND THE PLACEMENT OF MANUFACTURED HOMES, FOR
27 WHICH THE START OF CONSTRUCTION COMMENCED ON OR AFTER 3/15/1977,
28 THE INITIAL EFFECTIVE DATE OF THE HOWARD COUNTY FLOOD INSURANCE
29 RATE MAP, INCLUDING ANY SUBSEQUENT IMPROVEMENTS, ALTERATIONS,
30 MODIFICATIONS, AND ADDITIONS TO SUCH STRUCTURES.

1 THE REPAIR OR REPLACEMENT OF A MANUFACTURED HOME BECAUSE OF
2 SUBSTANTIAL DAMAGE IS CONSIDERED TO BE NEW CONSTRUCTION AND IS
3 PROHIBITED IN ACCORDANCE WITH SECTION 3112.2.1 OF THIS CODE.

4 **STRUCTURE.** FOR PURPOSES OF THIS SUBSECTION 3112 TO THIS CODE,
5 SHALL HAVE THE MEANING SET FORTH IN TITLE 16, SUBTITLE 7 OF THE
6 HOWARD COUNTY CODE.

7 **SUBSTANTIAL DAMAGE.** DAMAGE OF ANY ORIGIN SUSTAINED BY A
8 STRUCTURE WHERE THE COST OF RETURNING THE STRUCTURE TO ITS
9 CONDITION PRIOR TO DAMAGE WOULD EQUAL OR EXCEED 50% OF THE
10 STRUCTURE'S FAIR MARKET VALUE BEFORE THE DAMAGE OCCURRED.

11 **SUBSTANTIAL IMPROVEMENT.** THE REPAIR, RECONSTRUCTION, OR
12 IMPROVEMENT OF A BUILDING OR STRUCTURE, THE COST OF WHICH IS
13 EQUAL TO OR GREATER THAN 50% OF THE FAIR MARKET VALUE OF THE
14 BUILDING OR STRUCTURE PRIOR TO DAMAGE, IMPROVEMENT, OR REPAIR.
15 FOR THE PURPOSE OF THIS DEFINITION, "SUBSTANTIAL IMPROVEMENT"
16 OCCURS WHEN THE FIRST ALTERATION OF A WALL, CEILING, FLOOR, OR
17 OTHER STRUCTURAL PART OF THE BUILDING BEGINS, WHETHER OR NOT
18 THAT ALTERATION AFFECTS THE EXTERNAL DIMENSIONS OF THE BUILDING
19 OR STRUCTURE. THE TERM DOES NOT INCLUDE ANY PROJECT FOR
20 IMPROVING A BUILDING OR STRUCTURE TO COMPLY WITH EXISTING STATE
21 OR LOCAL HEALTH, SANITARY, OR HOUSING CODE REQUIREMENTS WHICH
22 ARE NECESSARY TO ASSURE SAFE LIVING CONDITIONS. THIS TERM DOES NOT
23 INCLUDE AN ALTERATION OF A HISTORIC STRUCTURE PROVIDED THAT THE
24 ALTERATION WILL NOT PRECLUDE THE STRUCTURE'S CONTINUED
25 DESIGNATION AS A HISTORIC STRUCTURE.

26 **VARIANCE.** THE GRANT OF RELIEF FROM A TERM OF THIS SUBTITLE.
27 **3112.8 VARIANCES AND WAIVERS.** EXCEPT AS PROVIDED IN SECTION
28 3112.4 OF THIS CODE, A VARIANCE OR WAIVER OF THIS SECTION IS NOT
29 ALLOWED. THE BUILDING OFFICIAL SHALL CONSIDER A VARIANCE IN
30 ACCORDANCE WITH THE PROVISIONS OF SECTION 16.711 OF THE HOWARD
31 COUNTY CODE.

1 **3112.9 OTHER AGENCIES.** A PERMIT ISSUED BY THE BUILDING OFFICIAL
2 UNDER THIS SUBTITLE IS NOT VALID UNTIL ALL NECESSARY PERMITS FOR
3 THE DEVELOPMENT ARE OBTAINED. RECEIPT OF FEDERAL OR STATE
4 PERMITS DO NOT EXEMPT A DEVELOPMENT FROM THE PROVISIONS OF THIS
5 SUBTITLE.

6 (74) *SUBSECTION 3306.10 ACCESSIBILITY DURING CONSTRUCTION OPERATIONS.*

7 ADD NEW SUBSECTION 3306.10 AFTER SUBSECTION 3306.9 AS FOLLOWS:

8 **3306.10 ACCESSIBILITY DURING CONSTRUCTION OPERATIONS.** PRIOR TO
9 AND DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE AND
10 MAINTAIN AT ALL TIMES A MINIMUM 12 FOOT WIDE VEHICULAR ACCESS
11 ROADWAY THAT WILL ALLOW THE UNIMPEDED MOVEMENT OF FIRE OR
12 EMERGENCY RESCUE VEHICLES FROM AN IMPROVED STREET TO WITHIN 200
13 FEET OF THE MOST REMOTE BUILDING UNDER CONSTRUCTION ON THE SITE.
14 THE VEHICULAR ACCESS ROADWAY SURFACE SHALL BE CRUSHER RUN,
15 STONE BASE, BLACKTOP, OR OTHER SUITABLE COMPACTED SURFACE
16 MATERIAL APPROVED BY THE BUILDING OFFICIAL.

17 (75) *SECTION 3314 CONSTRUCTION SITE GRADING.*

18 ADD NEW SECTION 3314 AFTER SECTION 3313 AS FOLLOWS:

19 **SECTION 3314 CONSTRUCTION SITE GRADING.**

20 **3314.1 LOT IMPROVEMENTS.** LOT IMPROVEMENTS SHALL PROVIDE:

- 21 (I) SUITABLE ACCESS FROM AN ABUTTING STREET TO DWELLINGS AND
22 ACCESSORY BUILDINGS SUBJECT TO A PERMIT;
- 23 (II) GRADING WHICH WILL DIVERT WATER AWAY FROM BUILDINGS AND
24 PREVENT STANDING WATER AND SOIL SATURATION DETRIMENTAL
25 TO STRUCTURES OR LOT USE;
- 26 (III) DISPOSAL OF WATER FROM LOTS, EXCEPT AS NECESSARY FOR
27 CONTROLLED IRRIGATION;
- 28 (IV) GRADES FOR SAFE AND CONVENIENT ACCESS TO AND AROUND
29 BUILDINGS OR LOTS FOR USE AND MAINTENANCE; AND
- 30 (V) GRADES THAT DO NOT ADVERSELY AFFECT ADJOINING LOTS.

1 **3314.2 MINIMUM GRADIENT.** THE MINIMUM GRADIENT FOR CONCRETE OR
2 OTHER IMPERVIOUS SURFACES SHALL BE 1/16 INCH PER FOOT (1/2%). THE
3 MINIMUM GRADIENT FOR PERVIOUS SURFACES SHALL BE 1/4 INCH PER FOOT
4 (2%).

5 **3314.3 MAXIMUM GRADIENT.** EXCEPT WHERE RESTRICTED BY PROPERTY
6 LINES, THE MAXIMUM GRADIENT SHALL BE 2-1/2 INCHES (21%) FOR A
7 MINIMUM OF 4 FEET AWAY FROM BUILDING WALLS. SLOPES NOT EXCEEDING
8 30 INCHES SHALL BE 1-1/2 TO 1. SLOPES EXCEEDING 30 INCHES SHALL BE 2
9 TO 1. THE TOP AND BOTTOM OF BANKS AT THE SWALES SHALL BE ROUNDED
10 FOR CONVENIENT MAINTENANCE.

11 **3314.4 FINISH GRADING.** FOR AREAS WHERE THE INSTALLATION OF LAWN
12 OR PLANTING IS REQUIRED, THE SURFACE LAYER OF THE SOIL SHALL BE
13 WORKABLE, FREE OF DEBRIS, AND LOT FINISHED GRADED TO COMPLY WITH
14 GRADING DESIGN. FINISH GRADING SHALL BE DONE WHEN THE GROUND IS
15 FROST-FREE AND THE WEATHER IS FAVORABLE. LAWN COVERS SHALL BE
16 PROVIDED TO PREVENT THE EROSION OF SWALES AND SLOPES.

17 (76) *SECTION 3315 BURIAL OF CONSTRUCTION DEBRIS.*

18 ADD NEW SECTION 3315 AFTER SECTION 3314 AS FOLLOWS:

19 **SECTION 3315 BURIAL OF CONSTRUCTION DEBRIS.**

20 **3315.1 WHEN PROHIBITED OR PERMITTED.** THE BURIAL OF DEBRIS ON
21 RESIDENTIAL LOTS EQUAL TO OR LESS THAN HALF AN ACRE IS PROHIBITED.
22 THE BURIAL OF ORGANIC OR INORGANIC DEBRIS ON RESIDENTIAL LOTS
23 GREATER THAN HALF AN ACRE MAY BE PERMITTED BY THE BUILDING
24 OFFICIAL PROVIDED THAT THE DEBRIS IS GENERATED ON-SITE. BURIAL
25 SHALL NOT BE LOCATED IN PROPOSED DRIVEWAYS OR PARKING AREAS AND
26 SHALL NOT BE LOCATED CLOSER THAN 50 FEET FROM EXISTING OR
27 PROPOSED BUILDINGS.

28
29 **SECTION 3.102. AMENDMENTS TO THE INTERNATIONAL RESIDENTIAL CODE, 2015**
30 **EDITION.**

31 (A) *IN GENERAL.*

- 1 (1) AS USED IN THIS SECTION, THE TERM "THIS CODE" MEANS THE
2 INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY
3 DWELLINGS, 2015 EDITION.
- 4 (2) AS USED IN THIS CODE, THE TERM "BUILDING OFFICIAL" MEANS THE
5 DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
6 OR THE DIRECTOR'S AUTHORIZED DESIGNEE.
- 7 (3) WHERE THE NAME OF THE JURISDICTION IS TO BE INDICATED IN ANY
8 SECTION OF THIS CODE, INSERT "HOWARD COUNTY".
- 9 (4) AS USED IN THIS CODE, THE TERM "DEPARTMENT OF BUILDING SAFETY"
10 MEANS THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS.

11 (B) *LOCAL AMENDMENTS.* THE FOLLOWING AMENDMENTS MODIFY CERTAIN PROVISIONS
12 OF THE ADOPTED CODE.

- 13 (1) *SUBSECTION R101.2 SCOPE.*
14 ADD THE FOLLOWING AT THE END OF THE SUBSECTION:
15 **R101.2.1 SUBDIVISION AND LAND DEVELOPMENT.** IF A SITE
16 DEVELOPMENT PLAN IS REQUIRED BY THE HOWARD COUNTY SUBDIVISION
17 REGULATIONS, A PERMIT SHALL NOT BE ISSUED UNTIL THE SITE
18 DEVELOPMENT PLAN IS APPROVED UNLESS AUTHORIZED BY THE DIRECTOR
19 OF PLANNING AND ZONING
20 **R101.2.2 SITE WORK AND SAFEGUARDS.** THE REQUIREMENTS OF THE
21 INTERNATIONAL BUILDING CODE, CHAPTER 33, SHALL APPLY FOR SITE
22 WORK AND SAFEGUARDS DURING CONSTRUCTION.

- 23 (2) *SUBSECTION R102.2 OTHER LAWS.*
24 ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:
25 **R102.2.1 RESIDENTIAL SPRINKLER.** RESIDENTIAL SPRINKLER SYSTEMS
26 INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.3 OF THE
27 INTERNATIONAL BUILDING CODE, 2015 EDITION, ARE ALLOWED FOR
28 TOWNHOUSE SPRINKLER SYSTEMS REQUIRED BY THE FIRE LAWS CONTAINED
29 IN THE PUBLIC SAFETY ARTICLE OF THE ANNOTATED CODE OF MARYLAND.
30 **R102.2.2 INDUSTRIALIZED (MODULAR) CONSTRUCTION.** THE
31 CONSTRUCTION STANDARDS OF THE INDUSTRIALIZED BUILDING AND

1 MANUFACTURED HOMES ACT, CODIFIED AT TITLE 12, SUBTITLE 3 OF THE
2 PUBLIC SAFETY ARTICLE OF THE ANNOTATED CODE OF MARYLAND SHALL
3 APPLY TO INDUSTRIALIZED (MODULAR) BUILDINGS.

4 **EXCEPTION:** THE HOWARD COUNTY FIRE PREVENTION CODE, SUBDIVISION
5 AND LAND DEVELOPMENT REGULATIONS, ZONING REGULATIONS, AND
6 SEDIMENT AND EROSION CONTROL REGULATIONS APPLY TO THE
7 CONSTRUCTION OF INDUSTRIAL (MODULAR) BUILDINGS. THE
8 REQUIREMENTS OF THIS CODE SHALL APPLY TO THE FOUNDATION AND SITE
9 WORK ASSOCIATED WITH THE INSTALLATION OF INDUSTRIALIZED
10 (MODULAR) BUILDINGS.

11 **R102.2.3 MANUFACTURED HOUSING.** THE CONSTRUCTION STANDARDS OF
12 THE FEDERAL MOBILE HOME ACT AND THE INDUSTRIALIZED BUILDING AND
13 MANUFACTURED HOMES ACT, CODIFIED AT TITLE 12, SUBTITLE 3 OF THE
14 PUBLIC SAFETY ARTICLE OF THE ANNOTATED CODE OF MARYLAND SHALL
15 APPLY.

16 **EXCEPTION:** THE HOWARD COUNTY FIRE PREVENTION CODE, SUBDIVISION
17 AND LAND DEVELOPMENT REGULATIONS, ZONING REGULATIONS, AND
18 SEDIMENT AND EROSION CONTROL REGULATIONS APPLY TO THE
19 CONSTRUCTION OF MANUFACTURED HOMES. THE REQUIREMENTS OF
20 APPENDIX E OF THIS CODE, FOR DESIGN AND INSTALLATION OF FOOTINGS,
21 FOUNDATIONS, SKIRTING AND PERIMETER ENCLOSURES, EXITS, PIERS, AND
22 GROUND ANCHORS SHALL APPLY FOR THE SITING OF MANUFACTURED
23 HOMES.

24 (3) *SUBSECTION R102.4 REFERENCED CODES AND STANDARDS.*

25 ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

26 **R102.4.3** WHENEVER IN THIS CODE THE TERM “NFPA 70 NATIONAL
27 ELECTRICAL CODE” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR
28 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

29 **R102.4.4** WHENEVER IN THIS CODE THE TERM “INTERNATIONAL PLUMBING
30 CODE” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
31 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

1 **R102.4.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE*
2 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION
3 CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY
4 CODE.

5 **R102.4.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*
6 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
7 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

8 **R102.4.7** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PRIVATE*
9 *SEWAGE DISPOSAL CODE*” IS USED, IT SHALL MEAN HOWARD COUNTY
10 WATER AND SEWER REGULATIONS ADOPTED IN TITLE 18, SUBTITLE 1,
11 SUBTITLE 12, AND SUBTITLE 15 AND IN TITLE 12, SUBTITLE 1 OF THE
12 HOWARD COUNTY CODE.

13 **R102.4.8** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PROPERTY*
14 *MAINTENANCE CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY
15 PROPERTY MAINTENANCE CODE FOR RENTAL HOUSING ADOPTED PURSUANT
16 TO SUBTITLE 7 OF THIS TITLE.

17 **R102.4.9** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL*
18 *MECHANICAL CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF
19 HOWARD COUNTY ADOPTED PURSUANT TO SECTION 3.103 OF THIS
20 SUBTITLE.

21 **R102.4.10** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL BUILDING*
22 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE
23 ADOPTED PURSUANT TO THIS SUBTITLE.

24 (4) *SUBSECTION R102.7 EXISTING STRUCTURES.*

25 IN THIS SUBSECTION DELETE “*INTERNATIONAL PROPERTY MAINTENANCE*
26 *CODE* OR THE *INTERNATIONAL FIRE CODE*” AND SUBSTITUTE “HOWARD
27 COUNTY PROPERTY MAINTENANCE CODE FOR RENTAL HOUSING, HOWARD
28 COUNTY FIRE PREVENTION CODE, AND THE MARYLAND BUILDING
29 REHABILITATION CODE”.

30 (5) *SUBSECTION R102.7.1 ADDITIONS, ALTERATIONS OR REPAIRS.*

31 INSERT AT THE BEGINNING OF THE FIRST SENTENCE:

1 “UNLESS EXCEPTED BY THE MARYLAND BUILDING REHABILITATION
2 CODE,”.

3 (6) *SECTIONS R103 THROUGH R114.*

4 DELETE SECTIONS R103 THROUGH R114, INCLUSIVE AND IN THEIR
5 ENTIRETY, AND SUBSTITUTE THE FOLLOWING:

6 **R103 ADMINISTRATION.** SECTIONS 103 THROUGH 118 OF THE
7 INTERNATIONAL BUILDING CODE, 2015 EDITION, AS ADOPTED AND
8 AMENDED IN THIS SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND
9 ENFORCEMENT OF THIS CODE.

10 (7) *TABLE R301.2(1) CLIMATE AND GEOGRAPHICAL DESIGN CRITERIA.*

11 IN TABLE R301.2(1) INSERT THE FOLLOWING CRITERIA:

- 12 (i) IN THE COLUMN FOR “GROUND SNOW LOAD”, INSERT “25 LB”;
- 13 (ii) IN THE COLUMN FOR “WIND DESIGN”, INSERT “115” UNDER “SPEED”;
- 14 “NO” UNDER “TOPOGRAPHIC EFFECTS”; “NO” UNDER “SPECIAL WIND
15 REGION”; AND “NO” UNDER “WIND-BORNE DEBRIS ZONE”;
- 16 (iii) IN THE COLUMN FOR “SEISMIC DESIGN CATEGORY”, INSERT “A”;
- 17 (iv) IN THE COLUMN FOR “SUBJECT TO DAMAGE FROM”; UNDER
18 “WEATHERING” INSERT “SEVERE”; UNDER “FROST LINE DEPTH”
19 INSERT “30”; AND UNDER “TERMITE” INSERT “MOD-HEAVY”;
- 20 (v) IN THE COLUMN FOR “WINTER DESIGN TEMP”, INSERT “20”;
- 21 (vi) IN THE COLUMN FOR “ICE BARRIER UNDERLAYMENT REQUIRED”,
22 INSERT “YES”;
- 23 (vii) IN THE COLUMN FOR “FLOOR HAZARDS”, INSERT “SEE FLOOD MAPS”;
- 24 (viii) IN THE COLUMN FOR “AIR FREEZING INDEX” INSERT “1500”; AND
25 (vix) IN THE COLUMN FOR “MEAN ANNUAL TEMP” INSERT “55”.

26 (8) *SUBSECTION R301.2.4 FLOODPLAIN CONSTRUCTION.*

27 IN THIS SUBSECTION, DELETE “ASCE 24” AND SUBSTITUTE “SECTION 3112,
28 FLOODPLAIN, OF THE HOWARD COUNTY BUILDING CODE”.

29 (9) *SUBSECTION R301.2.4.1 ALTERNATIVE PROVISIONS.*

30 DELETE THIS SUBSECTION.

31 (10) *SUBSECTION R301.6 ROOF LOAD.*

- 1 AFTER THE FIRST “LOAD” DELETE THE REST OF THE SENTENCE AND
2 SUBSTITUTE “OF 30 PSF AND NO REDUCTION FOR SLOPE”.
- 3 (11) *TABLE R301.6 MINIMUM ROOF LIVE LOADS*
4 DELETE THE TABLE IN ITS ENTIRETY.
- 5 (12) *SUBSECTION R302.2 TOWNHOUSES.*
6 INSERT THE FOLLOWING BEFORE THE FIRST SENTENCE:
7 EACH TOWNHOUSE SHALL BE CONSIDERED A SEPARATE BUILDING AND
8 SHALL BE SEPARATED BY FIRE-RESISTANCE-RATED WALL ASSEMBLIES
9 MEETING THE REQUIREMENTS OF SECTION R302.1 FOR EXTERIOR WALLS.
- 10 (13) *SUBSECTION R302.2.4 STRUCTURAL INDEPENDENCE.*
11 DELETE EXCEPTION NUMBER 5
- 12 (14) *SUBSECTION R308.4.3 GLAZING IN WINDOWS.*
13 IN NUMBER 4, ADD EXCEPTION NUMBER 4 AS FOLLOWS:
14 “SAFETY GLAZE FILM IN ACCORDANCE WITH ANSI Z97.1”.
- 15 (15) *SUBSECTION R311.7.8.3 GRIP SIZE.*
16 (i) IN NUMBER 1, DELETE “2 ¼ INCHES (57 MM)”AND SUBSTITUTE “3
17 ¼ INCHES”; AND
18 (ii) IN NUMBER 2, DELETE “2 ¾ INCHES (70MM)” AND SUBSTITUTE “3 ¼
19 INCHES”.
- 20 (16) *SUBSECTION R312.1.1 WHERE REQUIRED.*
21 ADD THE FOLLOWING EXCEPTION:
22 “**EXCEPTION:** ALTERNATIVE DESIGNS MAY BE APPROVED BY THE BUILDING
23 OFFICIAL.”
- 24 (17) *SUBSECTION R320.1 SCOPE.*
25 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:
26 **R320.1 SCOPE.** ACCESSIBLE DWELLING UNITS SHALL COMPLY WITH THE
27 PROVISIONS OF THE MARYLAND ACCESSIBILITY CODE.
- 28 (18) *SUBSECTION R322.1 GENERAL.*
29 IN THIS SUBSECTION, DELETE “ASCE 24” AND SUBSTITUTE “SECTION 3112,
30 FLOODPLAIN, OF THE HOWARD COUNTY BUILDING CODE”.
- 31 (19) *SUBSECTION R326.1 GENERAL.*

1 DELETE "INTERNATIONAL SWIMMING POOL AND SPA CODE" AND
2 SUBSTITUTE WITH "IN ACCORDANCE WITH SECTION 3109 OF THE
3 INTERNATIONAL BUILDING CODE".

4 (20) *SECTION R327 SOUND TRANSMISSION.*

5 ADD NEW SECTION R327 AFTER SECTION R326 AS FOLLOWS:

6 **R327 SOUND TRANSMISSION.** THE REQUIREMENTS OF APPENDIX K SHALL
7 APPLY TO THE CONSTRUCTION OF ALL NEW RESIDENTIAL BUILDINGS.

8 (21) *APPENDIX K, SECTION AK102.1 GENERAL.*

9 IN THE FIRST SENTENCE, DELETE "45" AND SUBSTITUTE "50".

10 (22) *APPENDIX K, SECTION AK103.1 GENERAL.*

11 IN THE FIRST SENTENCE, DELETE "45" AND SUBSTITUTE "50".

12 (23) *SECTION R328 RADON CONTROL.*

13 ADD NEW SECTION R328 AFTER SECTION R327 AS FOLLOWS:

14 **SECTION R328 RADON CONTROL.** RADON CONTROL METHODS SET FORTH
15 IN APPENDIX F, SHALL APPLY TO THE CONSTRUCTION OF NEW RESIDENTIAL
16 BUILDINGS.

17 (24) *SECTION R329 MANUFACTURED HOUSING.*

18 ADD NEW SECTION R329 AFTER SECTION R328 AS FOLLOWS:

19 **SECTION R329 MANUFACTURED HOUSING.** MANUFACTURED HOUSING
20 USED AS DWELLINGS SHALL COMPLY WITH APPENDIX E.

21 (25) *SUBSECTION R403.1.4.1 FROST PROTECTION.*

22 (i) IN EXCEPTION NO. 1, DELETE "600 SQUARE FEET (52 M²)" AND
23 SUBSTITUTE "400 SQUARE FEET"; AND

24 (ii) DELETE EXCEPTION NO. 3.

25 (26) *TABLE R404.1.2(3) MINIMUM VERTICAL REINFORCEMENT FOR 8-INCH
26 NOMINAL FLAT BASEMENT WALLS.*

27 IN THE COLUMN TITLED "MINIMUM VERTICAL REINFORCEMENT BAR SIZE
28 AND SPACING", FOR THE SOIL CLASS "GM, GC, SM, SM-SC AND ML":

- 29 A. FOR MAXIMUM WALL HEIGHT OF 8 FEET AND MAXIMUM
30 UNBALANCED BACKFILL HEIGHT OF 7 FEET, CHANGE THE
31 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,

1 MINIMUM NOMINAL WALL THICKNESS FROM “6 @ 36” TO
2 “NR”; AND

- 3 B. FOR MAXIMUM WALL HEIGHT OF 9 FEET AND MAXIMUM
4 UNBALANCED BACKFILL HEIGHT OF 7 FEET, CHANGE THE
5 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,
6 MINIMUM NOMINAL WALL THICKNESS FROM “6 @ 35” TO
7 “NR”; AND

8 (27) *TABLE R404.1.2(4) MINIMUM VERTICAL REINFORCEMENT FOR 10-INCH*
9 *NOMINAL FLAT BASEMENT WALLS.*

10 IN THE COLUMN TITLED “MINIMUM VERTICAL REINFORCEMENT BAR SIZE
11 AND SPACING”, FOR THE SOIL CLASS “GM, GC, SM, SM-SC AND ML”: FOR
12 A MAXIMUM WALL HEIGHT OF 9 FEET AND A MAXIMUM UNBALANCED
13 BACKFILL HEIGHT OF 8 FEET, CHANGE THE MINIMUM VERTICAL
14 REINFORCEMENT SIZE AND SPACING MINIMUM WALL THICKNESS FROM “6@
15 31” TO “NR”.

16 (28) *TABLE R404.1.2(8) MINIMUM VERTICAL REINFORCEMENT FOR 6-, 8-, 10-INCH*
17 *AND 12-INCH NOMINAL FLAT BASEMENT WALLS.*

18 IN THE COLUMN TITLED “MINIMUM VERTICAL REINFORCEMENT BAR SIZE
19 AND SPACING”, FOR THE SOIL CLASS “GM, GC, SM, SM-SC AND ML”:

- 20 (i) IN THE SUB-COLUMN TITLED “MINIMUM NOMINAL WALL THICKNESS
21 (INCHES)”, FOR 8 INCHES:

- 22 A. FOR MAXIMUM WALL HEIGHT OF 8 FEET AND MAXIMUM
23 UNBALANCED BACKFILL HEIGHT OF 7 FEET, CHANGE THE
24 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,
25 MINIMUM NOMINAL WALL THICKNESS FROM “5 @ 41” TO
26 “NR”; AND

- 27 B. FOR MAXIMUM WALL HEIGHT OF 9 FEET AND MAXIMUM
28 UNBALANCED BACKFILL HEIGHT OF 7 FEET, CHANGE THE
29 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,
30 MINIMUM NOMINAL WALL THICKNESS FROM “5 @ 37” TO
31 “NR”; AND

1 (II) IN THE SUB-COLUMN TITLED “MINIMAL NOMINAL WALL THICKNESS
2 (INCHES)”; FOR 10 INCHES, FOR A MAXIMUM WALL HEIGHT OF 9 FEET
3 AND A MAXIMUM UNBALANCED BACKFILL HEIGHT OF 8 FEET,
4 CHANGE THE MINIMUM VERTICAL REINFORCEMENT SIZE AND
5 SPACING MINIMUM WALL THICKNESS FROM “5 @ 37” TO “NR”.

6 (29) *SUBSECTION R405.1 CONCRETE OR MASONRY FOUNDATIONS.*

7 AMEND THIS SUBSECTION AS FOLLOWS:

8 (I) DELETE THE EXCEPTION TO THIS SUBSECTION; AND

9 (II) ADD NEW SUBSECTION R405.1.2 AFTER SUBSECTION 405.1.1 AS
10 FOLLOWS:

11 **R405.1.2 FOUNDATION DRAINS.** SUBSOIL DRAINS HAVING A
12 MINIMUM 3 INCH DIAMETER OR OTHER APPROVED DRAINS OF
13 EQUIVALENT CROSS SECTIONAL AREA SHALL BE PROVIDED AROUND
14 FOUNDATIONS ENCLOSING USABLE SPACES LOCATED BELOW GRADE.
15 DRAINS SHALL BE INSTALLED ON THE EXTERIOR OF THE
16 FOUNDATION OR ON THE INTERIOR OF THE FOUNDATION WITH PIPES
17 OF AT LEAST A 2-INCH DIAMETER LEADING TO THE EXTERIOR EVERY
18 4 FEET AROUND THE PERIMETER OF THE FOUNDATION. IN EACH
19 CASE, THE TOP OF THE DRAIN SHALL BE BELOW THE BOTTOM OF
20 SLAB. DRAINS FOR POURED CONCRETE FOUNDATION MAY BE
21 PLACED ON TOP OF THE FOOTING. SUBSOIL DRAINS SHALL BE
22 COVERED WITH A MINIMUM OF A 4-INCH DEPTH OF GRAVEL OR
23 WASHED STONE AND BUILDING PAPER, FILTER CLOTH, OR OTHER
24 APPROVED MATERIAL. THE END OF A SUBSOIL DRAIN SHALL
25 DISCHARGE BY GRAVITY OR BY MECHANICAL MEANS TO AN
26 APPROVED DRAINAGE OUTFALL.

27 (30) *SUBSECTION R602.10.5 MINIMUM LENGTH OF A BRACED WALL PANEL.*

28 AFTER THE FIRST SENTENCE INSERT THE FOLLOWING:

29 WSP METHOD IS THE PREFERRED METHOD OF SHEATHING. IF A METHOD
30 OTHER THAN WSP METHOD IS USED, THEN DETAILED SITE-SPECIFIC PLANS
31 SHOWING THE SPECIFIC LOCATION, LENGTH, AND NAILING METHODS OF

1 PANELS AND WHETHER ANY SPECIALIZED EQUIPMENT/HARDWARE, ETC.
2 WILL BE REQUIRED. SUCH DETAILED PLANS SHALL ALWAYS BE REQUIRED,
3 EVEN IF UTILIZING THE WSP METHOD, FOR WALLS WITH LARGE-OPENINGS
4 (E.G. SUNROOM/MORNING ROOMS AND GARAGE OPENINGS). IN ADDITION,
5 ALL PROJECTS WITH SITE-SPECIFIC DETAILED PLANS (I.E. ALL PROJECTS NOT
6 BRACED IN ACCORDANCE WITH THE WSP METHOD AND THE PORTION OF
7 LARGE-OPENING WALL SECTIONS MENTIONED ABOVE) WILL REQUIRE
8 INSPECTION PRIOR TO THE INSTALLATION OF EXTERIOR WALL
9 WEATHERPROOFING (E.G. HOUSE WRAPS, SIDING, ETC).

10 (31) *SUBSECTION R802.10.2.1 APPLICABILITY LIMITS.*

11 IN THE LAST SENTENCE, DELETE “.7” AND SUBSTITUTE “1.0”.

12 (32) *SUBSECTION M1401.1.1 HVAC PERMIT REQUIRED.*

13 ADD NEW SUBSECTION M1401.1.1 AFTER SUBSECTION M1401.1 AS
14 FOLLOWS:

15 **M1401.1.1 HVAC PERMIT REQUIRED.** A HVAC PERMIT IS REQUIRED FOR
16 EVERY SYSTEM INSTALLED IN A NEW SINGLE FAMILY DWELLING OR NEW
17 SINGLE FAMILY ADDITION.

18 (33) *SUBSECTION M1401.3.1 PLANS AND INFORMATION REQUIRED.*

19 ADD NEW SUBSECTION M1401.3.1 AFTER SUBSECTION M1401.3 AS
20 FOLLOWS:

21 **M1401.3.1 PLANS AND INFORMATION REQUIRED.** EACH PERMIT
22 APPLICATION SHALL BE ACCOMPANIED BY A SIMPLIFIED, BUT ACCURATE,
23 PLAN DRAWN TO SCALE WHICH SHALL INCLUDE:

- 24 (I) AN INFORMATION BLOCK WITH THE:
- 25 A. SPECIFIC BUILDING ADDRESS (NOT LOT NUMBER);
 - 26 B. NAME OF THE COMPANY OR PERSON DOING WORK;
 - 27 C. NAME OF THE LICENSEE AND THEIR SIGNATURE;
 - 28 D. STATE LICENSE REGISTRATION NUMBER;
 - 29 E. SCALE USED; AND
 - 30 F. NORTH ARROW;

- 1 (II) ROOMS, WINDOWS, EXTERIOR DOORS, OR OTHER RELEVANT
2 CONSTRUCTION FEATURES INCLUDING, BUT NOT LIMITED TO,
3 SKYLIGHTS, PORCHES, OR ATTIC ACCESS TO EQUIPMENT THAT MAY
4 AFFECT THE INTEGRITY OF THE HVAC SYSTEM AND ITS
5 INSTALLATION; AND
- 6 (III) A LINE DRAWING OF HVACR SYSTEM COMPONENTS SUPERIMPOSED
7 ON THE PLAN SHOWING THE LOCATION, DIMENSION, AND RELEVANT
8 ELEMENTS, INCLUDING, BUT NOT LIMITED TO:
- 9 A. INTERIOR OR EXTERIOR HVACR EQUIPMENT;
10 B. DUCT TRUNK LINES AND TRANSITIONS;
11 C. BRANCH DUCTS/RUN-OUTS, DAMPERS, AND REGISTERS WITH
12 CFM RATINGS;
13 D. THERMOSTATS;
14 E. RETURN DUCTS AND GRILLS; AND
15 F. DUCT INSULATION; AND
- 16 (IV) A SUMMARY OF MANUAL J CALCULATIONS FOR THE PROPOSED
17 WORK.

18 (34) *SUBSECTION M1503.1 GENERAL.*

19 IN THE FIRST SENTENCE OF THE EXCEPTION AFTER THE FIRST “WHERE”
20 INSERT THE FOLLOWING:

21 “AN OPERABLE WINDOW LOCATED WITHIN 12 FEET OF THE COOKING
22 SURFACE IS PROVIDED AND”.

23 (35) *CHAPTER 24 THROUGH CHAPTER 43.*

24 DELETE THESE CHAPTERS, INCLUSIVE AND IN THEIR ENTIRETY.

25
26 **SECTION 3.103. AMENDMENTS TO THE INTERNATIONAL MECHANICAL CODE, 2015**
27 **EDITION.**

28 (A) *IN GENERAL.*

- 29 (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE
30 INTERNATIONAL MECHANICAL CODE, 2015 EDITION.

1 (2) AS USED IN THIS CODE, THE TERM "BUILDING OFFICIAL" MEANS THE
2 DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3 OR THE DIRECTOR'S AUTHORIZED DESIGNEE.

4 (3) WHERE THE NAME OF THE JURISDICTION IS TO BE INDICATED IN ANY
5 SECTION OF THIS CODE, INSERT "HOWARD COUNTY".

6 (4) AS USED IN THIS CODE, THE TERM "DEPARTMENT OF MECHANICAL
7 INSPECTION" MEANS THE DEPARTMENT OF INSPECTIONS, LICENSES AND
8 PERMITS.

9 (B) *LOCAL AMENDMENTS.* THE FOLLOWING AMENDMENTS MODIFY CERTAIN PROVISIONS
10 OF THE ADOPTED CODE:

11 (1) *SUBSECTION 101.2 SCOPE.*

12 ADD A SECOND EXCEPTION TO THIS SUBSECTION AS FOLLOWS:
13 EXCEPTION: EXISTING BUILDINGS UNDERGOING REPAIR, ALTERATION,
14 ADDITION, OR CHANGE OF OCCUPANCY MAY COMPLY WITH THE MARYLAND
15 REHABILITATION CODE.

16 (2) *SUBSECTION 101.5 ADMINISTRATION.*

17 ADD NEW SUBSECTION 101.5 AFTER SUBSECTION 101.4 AS FOLLOWS:
18 **101.5 ADMINISTRATION.** SECTIONS 103 THROUGH 118 OF THE
19 INTERNATIONAL BUILDING CODE, 2015 EDITION, ADOPTED IN THIS
20 SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF
21 THIS CODE.

22 (3) *SUBSECTION 101.6 REFERENCED CODES.*

23 ADD NEW SUBSECTION 101.6 AFTER SUBSECTION 101.5 AS FOLLOWS:
24 **101.6 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND
25 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE
26 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH
27 REFERENCE.

28 **101.6.1** WHENEVER IN THIS CODE THE TERM "*INTERNATIONAL BUILDING*
29 *CODE*" IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE
30 ADOPTED PURSUANT TO THIS SUBTITLE.

1 **101.6.2** WHENEVER IN THIS CODE THE TERM “*NFPA 70 NATIONAL*
2 *ELECTRICAL CODE*” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR
3 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

4 **101.6.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*
5 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
6 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

7 **101.6.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE CODE*”
8 IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION CODE
9 ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY CODE.

10 **101.6.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*
11 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
12 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

13 **101.6.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL ENERGY*
14 *CONSERVATION CODE*” IS USED, IT SHALL MEAN THE ENERGY
15 CONSERVATION CODE OF HOWARD COUNTY ADOPTED PURSUANT TO
16 SECTION 3.104 OF THIS SUBTITLE.

17 **101.6.7** WHENEVER THIS CODE STATES “1612 OF THE INTERNATIONAL
18 BUILDING CODE”, IN EACH INSTANCE STRIKE “1612 OF THE INTERNATIONAL
19 BUILDING CODE” AND SUBSTITUTE “SECTION 3112 OF THE HOWARD
20 COUNTY BUILDING CODE.”

21 (4) *SUBSECTION 102.1 GENERAL.*

22 ADD AN EXCEPTION TO SUBSECTION 102.1 AS FOLLOWS:

23 **EXCEPTION:** ALTERNATIVE FEATURES WHICH ARE ACCEPTED BY THE
24 BUILDING OFFICIAL SHALL BE CONSIDERED IN CONFORMANCE WITH ALL
25 CODES, PROVIDED THAT THE OVERALL LEVEL OF HEALTH, SAFETY AND
26 WELFARE OF THE CODE REQUIREMENT IS NOT DIMINISHED BY THE
27 ALTERNATIVE FEATURE.

28 (5) *SECTION 103 THROUGH SECTION 109.*

29 DELETE SECTION 103 THROUGH SECTION 109, INCLUSIVE AND IN THEIR
30 ENTIRETY.

31 (6) *SUBSECTION 301.16 FLOOD HAZARD.*

1 IN THE EXCEPTION TO THIS SUBSECTION, DELETE “INTERNATIONAL BUILDING
2 CODE” AND SUBSTITUTE “SECTION 3112 OF THE HOWARD COUNTY
3 BUILDING CODE.”

4 (7) *SUBSECTION 307.2.2 DRAINPIPE MATERIALS AND SIZES*

5 IN THE THIRD SENTENCE, DELETE “THE APPLICABLE PROVISIONS OF CHAPTER
6 7 OF”.

7 (8) *SUBSECTION 402.1 NATURAL VENTILATION.*

8 AFTER THE LAST SENTENCE, INSERT THE FOLLOWING:

9 “IF CROSS VENTILATION CANNOT BE PROVIDED, AN OPERABLE WINDOW
10 WITHIN 12 FEET OF THE COOKING SURFACE IS ACCEPTABLE.”

11
12 **SECTION. 3.104. AMENDMENTS TO THE INTERNATIONAL ENERGY CONSERVATION**
13 **CODE, 2015 EDITION.**

14 (A) *IN GENERAL.*

15 (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE
16 INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION.

17 (2) AS USED IN THIS CODE, THE TERM "CODE OFFICIAL" MEANS THE DIRECTOR
18 OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS OR THE
19 DIRECTOR’S AUTHORIZED DESIGNEE.

20 (3) WHERE THE NAME OF THE JURISDICTION IS TO BE INDICATED IN ANY
21 SECTION OF THIS CODE, INSERT "HOWARD COUNTY".

22 (B) *LOCAL AMENDMENTS.* THE FOLLOWING AMENDMENTS MODIFY CERTAIN PROVISIONS
23 OF THE ADOPTED CODE:

24 (1) *SUBSECTION C101.1 TITLE.*

25 DELETE THIS SUBSECTION AND INSERT THE FOLLOWING:

26 **C101.1 TITLE.** THESE REGULATIONS SHALL BE KNOWN AS THE ENERGY
27 CONSERVATION CODE OF HOWARD COUNTY.

28 (2) *SUBSECTION C101.6 REFERENCED CODES.*

29 ADD NEW SUBSECTION C101.6 AFTER SUBSECTION C101.5 AS FOLLOWS:

30 **C101.6 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND
31 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE

1 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH
2 REFERENCE.

3 **C101.6.1** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL BUILDING*
4 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE
5 ADOPTED PURSUANT TO THIS SUBTITLE.

6 **C101.6.2** WHENEVER IN THIS CODE THE TERM “*NFPA 70 NATIONAL*
7 *ELECTRICAL CODE*” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR
8 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

9 **C101.6.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*
10 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
11 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

12 **C101.6.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE*
13 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION
14 CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY
15 CODE.

16 **C101.6.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*
17 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
18 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

19 **C101.6.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL*
20 *MECHANICAL CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF
21 HOWARD COUNTY ADOPTED PURSUANT TO SECTION 3.103 OF THIS
22 SUBTITLE.

23 (3) *SECTION C101.7 ADMINISTRATION.*

24 ADD NEW SUBSECTION C101.7 AFTER SUBSECTION C101.6 AS FOLLOWS:

25 **C101.7 ADMINISTRATION:** SECTIONS 103 THROUGH 118 OF THE
26 INTERNATIONAL BUILDING CODE, 2015 EDITION, ADOPTED IN THIS
27 SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF
28 THIS CODE.

29 (4) *SECTION C103 THROUGH SECTION C109.*

30 DELETE SECTIONS C103 THROUGH C 109, INCLUSIVE AND IN THEIR
31 ENTIRETY.

- 1 (5) *SECTION C 202 GENERAL DEFINITIONS.*
2 DELETE THE DEFINITION OF “CODE OFFICIAL”.
- 3 (6) *SUBSECTION R 101.1 TITLE.*
4 DELETE THIS SUBSECTION AND INSERT THE FOLLOWING:
5 **R101.1 TITLE.** THESE REGULATIONS SHALL BE KNOWN AS THE ENERGY
6 CONSERVATION CODE OF HOWARD COUNTY.
- 7 (7) *SUBSECTION R101.6 REFERENCED CODES.*
8 ADD NEW SUBSECTION R101.6 AFTER SUBSECTION R101.5 AS FOLLOWS:
9 **R101.6 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND
10 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE
11 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH
12 REFERENCE.
13 **R101.6.1** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL BUILDING*
14 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE
15 ADOPTED PURSUANT TO THIS SUBTITLE.
16 **R101.6.2** WHENEVER IN THIS CODE THE TERM “*NFPA 70 NATIONAL*
17 *ELECTRICAL CODE*” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR
18 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.
19 **R101.6.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*
20 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
21 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.
22 **R101.6.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE*
23 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION
24 CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY
25 CODE.
26 **R101.6.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*
27 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
28 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.
29 **R101.6.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL*
30 *MECHANICAL CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF

1 HOWARD COUNTY ADOPTED PURSUANT TO SECTION 3.103 OF THIS
2 SUBTITLE.

3 (8) *SECTION R101.7 ADMINISTRATION.*

4 ADD NEW SUBSECTION R101.7 AFTER SUBSECTION R101.6 AS FOLLOWS:

5 **R101.7 ADMINISTRATION:** SECTIONS 103 THROUGH 118 OF THE
6 INTERNATIONAL BUILDING CODE, 2015 EDITION, ADOPTED IN THIS
7 SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF
8 THIS CODE.

9 (9) *SECTION R103 THROUGH SECTION R109.*

10 DELETE SECTIONS R103 THROUGH R 109, INCLUSIVE AND IN THEIR
11 ENTIRETY.

12 (10) *SECTION R202 GENERAL DEFINITIONS.*

13 DELETE THE DEFINITION OF “CODE OFFICIAL”.

14

15 *Section 2. And Be It Further Enacted by the County Council of Howard County,*
16 *Maryland, that this Act shall become effective 61 days after its enactment.*