

Introduced \_\_\_\_\_  
Public Hearing \_\_\_\_\_  
Council Action \_\_\_\_\_  
Executive Action \_\_\_\_\_  
Effective Date \_\_\_\_\_

## County Council Of Howard County, Maryland

2012 Legislative Session

Legislative Day No. 4

### Bill No. 12 -2012

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

AN ACT adopting the International Building Code, 2012, the International Residential Code, 2012, the International Mechanical Code, 2012, and the International Energy Conservation Code, 2012; 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 building and construction regulations in Howard County.

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Introduced and read first time \_\_\_\_\_, 2012. Ordered posted and hearing scheduled.

By order \_\_\_\_\_  
Stephen LeGendre, 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 \_\_\_\_\_, 2012.

By order \_\_\_\_\_  
Stephen LeGendre, Administrator

This Bill was read the third time on \_\_\_\_\_, 2012 and Passed \_\_\_\_, Passed with amendments \_\_\_\_\_, Failed \_\_\_\_\_.

By order \_\_\_\_\_  
Stephen LeGendre, Administrator

Sealed with the County Seal and presented to the County Executive for approval this \_\_\_ day of \_\_\_\_\_, 2012 at \_\_\_ a.m./p.m.

By order \_\_\_\_\_  
Stephen LeGendre, Administrator

Approved by the County Executive \_\_\_\_\_, 2012

\_\_\_\_\_  
Ken Ulman, 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, 2009 Edition.*

11

12 *Title 3. Buildings.*

13 *Subtitle 1. Building Code.*

14 *Section 3.102. Amendments to the International Residential Code, 2009 Edition.*

15

16 *Title 3. Buildings.*

17 *Subtitle 1. Building Code.*

18 *Section 3.103. Amendments to the International Mechanical Code, 2009 Edition.*

19

20 *Title 3. Buildings.*

21 *Subtitle 1. Building Code.*

22 *Section 3.104. Amendments to the International Energy Conservation Code, 2009*  
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, 2012 EDITION, PUBLISHED BY THE  
5 INTERNATIONAL CODE COUNCIL, INC.

6 (2) THE INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY  
7 DWELLINGS, 2012 EDITION, PUBLISHED BY THE INTERNATIONAL CODE  
8 COUNCIL, INC.

9 (3) THE INTERNATIONAL MECHANICAL CODE, 2012 EDITION, PUBLISHED BY  
10 THE INTERNATIONAL CODE COUNCIL, INC.

11 (4) THE INTERNATIONAL ENERGY CONSERVATION CODE, 2012 EDITION,  
12 PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, INC.

13 (5) THE LIFE SAFETY CODE, 2012 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, 2012**  
24 **EDITION.**

25 (A) *IN GENERAL.*

26 (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE  
27 INTERNATIONAL BUILDING CODE, 2012 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:** EXISTING BUILDINGS UNDERGOING REPAIR, ALTERATION,  
18 ADDITION, OR CHANGE OF OCCUPANCY MAY COMPLY WITH THE MARYLAND  
19 REHABILITATION CODE.
- 20 (3) *SUBSECTION 101.3.1 NATURE OF CERTAIN ACTIONS.*  
21 ADD NEW SUBSECTION 101.3.1 AFTER SUBSECTION 101.3 AS FOLLOWS:  
22 **101.3.1. NATURE OF CERTAIN ACTIONS.** THE PURPOSE OF ACTIONS TAKEN  
23 BY THE JURISDICTION PURSUANT TO THIS CODE IS PURELY GOVERNMENTAL  
24 IN NATURE AND ARE CONDUCTED SOLELY FOR THE PUBLIC BENEFIT.  
25 ACTIONS TAKEN PURSUANT TO THIS CODE ARE NOT TO BE CONSTRUED AS  
26 PROVIDING ANY WARRANTY OF DESIGN OR CONSTRUCTION TO ANY PERSON.
- 27 (4) *SUBSECTION 101.4 REFERENCED CODES.*  
28 IN THE FIRST PARAGRAPH, DELETE “101.4.6” AND SUBSTITUTE “101.4.10”.
- 29 (5) *SUBSECTION 101.4.1 GAS.*  
30 DELETE SUBSECTION 101.4.1 AND SUBSTITUTE THE FOLLOWING:

1           **101.4.1 GAS.** WHENEVER THE TERM “*INTERNATIONAL FUEL GAS CODE*” IS  
2           USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR HOWARD  
3           COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

4           (6)    *SUBSECTION 101.4.2 MECHANICAL.*

5           DELETE SUBSECTION 101.4.2 AND SUBSTITUTE THE FOLLOWING:

6           **101.4.2 MECHANICAL.** WHENEVER THE TERM “*INTERNATIONAL*  
7           *MECHANICAL CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF  
8           HOWARD COUNTY ADOPTED PURSUANT TO SECTION 3.103 OF THIS  
9           SUBTITLE.

10          (7)    *SUBSECTION 101.4.3 PLUMBING.*

11          DELETE SUBSECTION 101.4.3 AND SUBSTITUTE THE FOLLOWING:

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

19          (8)    *SUBSECTION 101.4.4 PROPERTY MAINTENANCE.*

20          DELETE SUBSECTION 101.4.4 AND SUBSTITUTE THE FOLLOWING:

21          **101.4.4 PROPERTY MAINTENANCE.** WHENEVER THE TERM  
22          “*INTERNATIONAL PROPERTY MAINTENANCE CODE*” IS USED IT SHALL MEAN  
23          THE HOWARD COUNTY PROPERTY MAINTENANCE CODE FOR RENTAL  
24          HOUSING ADOPTED PURSUANT TO SUBTITLE 7 OF THIS TITLE.

25          (9)    *SUBSECTION 101.4.5 FIRE PREVENTION.*

26          DELETE SUBSECTION 101.4.5 AND SUBSTITUTE THE FOLLOWING:

27          **101.4.5 FIRE PREVENTION.** WHENEVER THE TERM “*INTERNATIONAL FIRE*  
28          *PREVENTION CODE*” IS USED IT SHALL MEAN THE HOWARD COUNTY FIRE  
29          PREVENTION CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE  
30          HOWARD COUNTY CODE.

31          (10)   *SUBSECTION 101.4.6 ENERGY.*

1 DELETE SUBSECTION 101.4.6 AND SUBSTITUTE THE FOLLOWING:

2 **101.4.6 ENERGY.** WHENEVER THE TERM “*INTERNATIONAL ENERGY*  
3 *CONSERVATION CODE*” IS USED IT SHALL MEAN THE ENERGY CONSERVATION  
4 CODE OF HOWARD COUNTY ADOPTED PURSUANT TO SECTION 3.104 OF THIS  
5 SUBTITLE.

6 (11) *SUBSECTIONS 101.4.7 ELECTRICAL.*

7 ADD NEW SUBSECTION 101.4.7 AFTER SUBSECTION 101.4.6 AS FOLLOWS:

8 **101.4.7 ELECTRICAL.** WHENEVER THE TERM “ NFPA 70 NATIONAL  
9 ELECTRICAL CODE” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR  
10 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

11 (12) *SUBSECTION 101.4.8 ACCESSIBILITY.*

12 ADD NEW SUBSECTION 101.4.8 AFTER SUBSECTION 101.4.7 AS FOLLOWS:

13 **101.4.8 ACCESSIBILITY.** THE PROVISIONS OF THE MARYLAND  
14 ACCESSIBILITY CODE SHALL APPLY TO ALL MATTERS AFFECTING  
15 HANDICAPPED ACCESSIBILITY AND USE OF BUILDINGS AND SITES.

16 (13) *SUBSECTION 101.4.9 SIGNS.*

17 ADD NEW SUBSECTION 101.4.9 AFTER SUBSECTION 101.4.8 AS FOLLOWS:

18 **101.4.9 SIGNS.** THE PROVISIONS OF SUBTITLE 5 OF THE HOWARD COUNTY  
19 CODE SHALL APPLY TO THE LOCATION, INSTALLATION, AND MAINTENANCE  
20 OF SIGNS IN HOWARD COUNTY.

21 (14) *SUBSECTION 101.4.10 RESIDENTIAL CODE.*

22 ADD NEW SUBSECTION 101.4.10 AFTER SUBSECTION 101.4.9 AS FOLLOWS:

23 **101.4.10 RESIDENTIAL.** WHENEVER THE TERM “*INTERNATIONAL*  
24 *RESIDENTIAL CODE*” IS USED, IT SHALL MEAN THE RESIDENTIAL CODE FOR  
25 ONE-AND TWO-FAMILY DWELLINGS OF HOWARD COUNTY ADOPTED  
26 PURSUANT TO SECTION 3.102 OF THIS SUBTITLE.

27 (15) *SECTION 103 DEPARTMENT OF BUILDING SAFETY.*

28 DELETE THE TITLE OF THIS SECTION AND SUBSTITUTE THE FOLLOWING AS  
29 THE NEW TITLE:

30 **“SECTION 103**  
31 **ENFORCEMENT AGENCY”**

- 1           (16)    *SUBSECTION 103.1 CREATION OF ENFORCEMENT AGENCY.*  
2                    DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:  
3                    **103.1 ENFORCEMENT AGENCY.** THE HOWARD COUNTY DEPARTMENT OF  
4                    INSPECTIONS, LICENSES AND PERMITS IS RESPONSIBLE FOR ENFORCING THE  
5                    PROVISIONS OF THIS CODE. THE DIRECTOR OF THE DEPARTMENT OF  
6                    INSPECTIONS, LICENSES AND PERMITS OR THE DIRECTOR’S AUTHORIZED  
7                    DESIGNEE SHALL BE KNOWN AS THE BUILDING OFFICIAL.
- 8           (17)    *SUBSECTION 103.2 APPOINTMENT.*  
9                    DELETE THIS SUBSECTION.
- 10          (18)    *SUBSECTION 103.3 DEPUTIES.*  
11                   DELETE THIS SUBSECTION.
- 12          (19)    *SUBSECTION 104.1.1 RULE-MAKING AUTHORITY.*  
13                   ADD NEW SUBSECTION 104.1.1 AFTER SUBSECTION 104.1 AS FOLLOWS:  
14                   **104.1.1 RULE-MAKING AUTHORITY.** IN THE INTEREST OF PUBLIC HEALTH,  
15                   SAFETY, AND GENERAL WELFARE, THE BUILDING OFFICIAL MAY ADOPT  
16                   RULES AND REGULATIONS TO INTERPRET AND IMPLEMENT THE PROVISIONS  
17                   OF THIS CODE. RULES AND REGULATIONS SHALL NOT WAIVE STRUCTURAL  
18                   OR FIRE PERFORMANCE REQUIREMENTS SPECIFICALLY PROVIDED FOR IN THIS  
19                   CODE. RULES AND REGULATIONS SHALL NOT VIOLATE ACCEPTED  
20                   ENGINEERING PRACTICES INVOLVING PUBLIC SAFETY.
- 21          (20)    *SUBSECTION 104.8 LIABILITY.*  
22                   IN THE NEXT TO THE LAST SENTENCE OF THIS SUBSECTION, DELETE “LEGAL  
23                   REPRESENTATION OF THE JURISDICTION UNTIL THE FINAL TERMINATION OF  
24                   THE PROCEEDINGS” AND SUBSTITUTE “HOWARD COUNTY IN ACCORDANCE  
25                   WITH MARYLAND LAW”.
- 26          (21)    SUBSECTION 104.10.1 FLOOD HAZARD AREAS.  
27                   DELETE THIS SUBSECTION.
- 28          (22)    *SUBSECTION 105.1.1 ANNUAL PERMIT.*  
29                   DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:  
30                   **105.1.1. MASTER PERMIT.** INSTEAD OF AN INDIVIDUAL PERMIT FOR EACH  
31                   ALTERATION TO AN ALREADY APPROVED BUILDING, ELECTRICAL, FIRE, GAS,

1 MECHANICAL, OR PLUMBING INSTALLATION, THE BUILDING OFFICIAL MAY  
2 ISSUE A MASTER PERMIT UPON APPLICATION BY ANY PERSON, FIRM, OR  
3 CORPORATION REGULARLY EMPLOYING ONE OR MORE QUALIFIED  
4 PROFESSIONAL OR TRADESPERSON IN THE BUILDING, STRUCTURE, OR ON THE  
5 PREMISES OWNED OR OPERATED BY THE APPLICANT.

6 (23) *SUBSECTION 105.1.2 ANNUAL PERMIT RECORDS.*

7 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

8 **105.1.2. MASTER PERMIT RECORDS.** A PERSON WHO IS ISSUED A MASTER  
9 PERMIT SHALL KEEP A DETAILED RECORD OF ALTERATIONS MADE UNDER  
10 THE MASTER PERMIT. THE BUILDING OFFICIAL SHALL HAVE ACCESS TO THE  
11 RECORDS AT ALL TIMES OR THE RECORDS SHALL BE FILED WITH THE  
12 BUILDING OFFICIAL. THE BUILDING OFFICIAL MAY PERIODICALLY INSPECT  
13 WORK THAT HAS BEEN PERFORMED UNDER A MASTER PERMIT.

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

15 ADD NEW SUBSECTION 105.1.2.1 AFTER SUBSECTION 105.1.2 AS FOLLOWS:

16 **105.1.2.1. BUILDING CODE COMPLIANCE ASSURANCE MANUAL.** AN  
17 APPLICANT FOR A MASTER PERMIT SHALL PROVIDE TO THE BUILDING  
18 OFFICIAL A BUILDING CODE COMPLIANCE ASSURANCE MANUAL THAT  
19 SHALL INCLUDE THE FOLLOWING:

- 20 (I) A STATEMENT OF THE POLICIES AND PROCEDURES THAT WILL BE  
21 USED TO MONITOR AND CONTROL THE ALTERATION AND  
22 RENOVATION PROCESS TO ASSURE COMPLIANCE WITH THE HOWARD  
23 COUNTY CODE;
- 24 (II) A DESCRIPTION OF HOW THE APPLICANT ASSURES CODE  
25 COMPLIANCE BY ADHERING TO WRITTEN PROCEDURES OF QUALIFIED  
26 PERSONS TO PERFORM THE SCOPE OF THE WORK COVERED BY THE  
27 APPLICATION;
- 28 (III) A DESCRIPTION OF THE APPLICANT’S PROCESS FOR PLAN  
29 DEVELOPMENT, PLAN REVIEW, AND INSPECTION;



- 1 (IV) A DESCRIPTION OF THE MEANS TO ASSURE COMPLIANCE WITH FIRE  
2 PROTECTION ELEMENTS OF THE BUILDING AND SYSTEMS AFFECTED  
3 BY THE PROPOSED ALTERATION OR RENOVATION; AND
- 4 (V) IF APPLICABLE, A STATEMENT OF COMPLIANCE FOR ACCESSIBILITY.
- 5 (25) *SUBSECTION 105.2 WORK EXEMPT FROM PERMIT.* IN THE SUBSECTION TITLED  
6 “BUILDING”:
- 7 (I) IN ITEM 1, DELETE “120 SQUARE FEET (11 M<sup>2</sup>)” AND SUBSTITUTE  
8 “200 SQUARE FEET”;
- 9 (II) IN ITEM 2, DELETE “7 FEET (2134 MM)” AND SUBSTITUTE “6 FEET” ;
- 10 (III) IN ITEM 4, DELETE “4 FEET (1219 MM)” AND SUBSTITUTE “3 FEET”  
11 AND DELETE “BOTTOM OF THE FOOTING” AND SUBSTITUTE “LOWEST  
12 ADJACENT GRADE”;
- 13 (IV) IN ITEM 11, DELETE “ACCESSORY TO DETACHED ONE- AND TWO-  
14 FAMILY DWELLINGS”;
- 15 (V) IN ITEM 12, DELETE “IN GROUP R-3 AND U OCCUPANCIES,” AND  
16 DELETE “54 INCHES (1372 MM)” AND SUBSTITUTE “48 INCHES”; AND
- 17 (VI) ADD THE FOLLOWING AS ITEM 14 AT THE END OF THIS SUBSECTION:  
18 14. THE FOLLOWING WORK ON EXISTING SINGLE FAMILY  
19 DWELLINGS:
- 20 A. EXTERIOR:
- 21 1. REPLACEMENT OF ROOF COVERINGS WITH NO OTHER  
22 STRUCTURAL REPAIRS;
- 23 2. INSTALLATION OF SIDING, INCLUDING, BUT NOT  
24 LIMITED TO, ALUMINUM OR VINYL SIDING;
- 25 3. INSTALLATION OF FASCIA, SOFFIT TRIM, GUTTERS, OR  
26 DOWNSPOUTS;
- 27 4. REPLACEMENT OF WINDOWS OR DOORS WHEN THERE  
28 IS NO CHANGE IN THE ROUGH OPENING SIZE;
- 29 5. INSTALLATION OF CANVAS OR FIXED AWNINGS;
- 30 6. REPLACEMENT OF EXTERIOR LIGHTING FIXTURES; OR

- 1 7. CONSTRUCTION OR INSTALLATION OF DETACHED
- 2 FREESTANDING DECKS LESS THAN 25 SQUARE FEET
- 3 B. INTERIOR:
- 4 1. INSTALLATION OF RADON SYSTEMS;
- 5 2. PAINTING, WALLPAPERING, OR FLOOR COVERING;
- 6 3. INSTALLATION OF KITCHEN OR BATHROOM
- 7 CABINETS, COUNTER TOPS, APPLIANCES, OR
- 8 FIXTURES;
- 9 4. REPLACEMENT OF PANELING OR WALLBOARD;
- 10 5. REPLACEMENT OF DOORS WHEN THERE IS NO
- 11 CHANGE IN THE ROUGH OPENING SIZE;
- 12 6. INSTALLATION OF INSULATION;
- 13 7. INSTALLATION OF BURGLAR, FIRE, AND OTHER
- 14 ALARM SYSTEMS AND SMOKE DETECTORS;
- 15 8. REPLACEMENT OF ELECTRIC WATER HEATERS; OR
- 16 9. REPLACEMENT OF CEILING FANS, LIGHT FIXTURES,
- 17 OR RECEPTACLES.
- 18 C. THE FOLLOWING ADDITIONAL STRUCTURES:
- 19 1. ONE STORY DETACHED ACCESSORY STRUCTURES
- 20 CONTAINING LESS THAN 200 SQUARE FEET IN AREA
- 21 INCLUDING, BUT NOT LIMITED TO, STORAGE SHEDS,
- 22 KIOSKS, GAZEBOS, ARBORS, OR PLAYHOUSES;
- 23 2. INSTALLATION OF GREENHOUSES;
- 24 3. INSTALLATION OF TENTS OR CANOPIES;
- 25 4. INSTALLATION OF FENCES, UNLESS THE FENCE IS
- 26 OVER 6 FEET HIGH OR ENCLOSSES A SWIMMING POOL;
- 27 OR
- 28 5. INSTALLATION OF MAILBOXES.
- 29 D. SITE WORK:
- 30 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.

(26) *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:

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

DELETE THIS SECTION.

(28) *SUBSECTION 107.2.1.1. ADDITIONAL INFORMATION REQUIRED.*

ADD NEW SUBSECTION 107.2.1.1 AFTER SUBSECTION 107.2.1 AS FOLLOWS:

**107.2.1.1 ADDITIONAL INFORMATION REQUIRED.**

- (i) DOCUMENTS SUBMITTED FOR DETACHED ONE- OR TWO-FAMILY  
DWELLINGS INCLUDING NEW CONSTRUCTION, ALTERATIONS, MINOR

1 ADDITIONS, OR OTHER STRUCTURES SHALL INCLUDE THE  
2 FOLLOWING ADDITIONAL INFORMATION:

3 A. EXCEPT AS PROVIDED IN PARAGRAPH B OF THIS SUBSECTION,  
4 2 SETS OF CONSTRUCTION DOCUMENTS DRAWN TO SCALE  
5 WITH SUFFICIENT CLARITY AND DETAIL TO SHOW THE  
6 NATURE AND CHARACTER OF THE WORK TO BE PERFORMED  
7 INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

- 8 1. PLANS OF EACH FLOOR LEVEL;
- 9 2. 4 ELEVATIONS AND TYPICAL CROSS SECTIONS; AND
- 10 3. 7 COPIES OF PLOT PLANS OR 2 COPIES OF THE  
11 APPROVED SITE DEVELOPMENT PLAN WHEN A SITE  
12 DEVELOPMENT PLAN IS REQUIRED BY THE HOWARD  
13 COUNTY SUBDIVISION REGULATIONS.

14 B. 1. THE BUILDING OFFICIAL MAY WAIVE THE  
15 REQUIREMENTS SET FORTH IN PARAGRAPH A OF THIS  
16 SUBSECTION FOR:

- 17 I. ALTERATIONS; OR
- 18 II. OTHER STRUCTURES ACCESSORY TO A ONE-  
19 OR TWO-FAMILY DWELLING CONTAINING  
20 LESS THAN 200 SQUARE FEET TOTAL AREA.

21 2. WHERE WAIVED, THE APPLICATION SHALL BE  
22 ACCOMPANIED BY 5 COPIES OF PLOT PLANS OR 2  
23 COPIES OF THE APPROVED SITE DEVELOPMENT PLAN  
24 WHEN A SITE DEVELOPMENT PLAN IS REQUIRED BY  
25 THE HOWARD COUNTY SUBDIVISION REGULATIONS.

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

- 1                   A.     3 COMPLETE SETS OF ARCHITECTURAL, STRUCTURAL,  
2                                   MECHANICAL (INCLUDING HEATING, VENTILATION, AND AIR  
3                                   CONDITIONING), PLUMBING, AND ELECTRICAL  
4                                   CONSTRUCTION DOCUMENTS. THE DOCUMENTS SHALL:  
5                   1.     BE DRAWN TO SCALE WITH SUFFICIENT CLARITY AND  
6                                   DETAIL TO SHOW THE NATURE AND CHARACTER OF  
7                                   THE WORK TO BE PERFORMED;  
8                   2.     BE PREPARED IN COMPLIANCE WITH THIS CODE; AND  
9                   3.     BEAR THE SEAL, SIGNATURE, AND DATE OF THE  
10                                   APPROPRIATE MARYLAND STATE PROFESSIONAL  
11                                   ENGINEER OR ARCHITECT THAT SHALL BE AFFIXED TO  
12                                   ALL SHEETS OF ALL SETS AND AT LEAST ONE SET  
13                                   SHALL BEAR THE ORIGINAL SEAL, SIGNATURE, AND  
14                                   DATE.  
15                   B.     THE BUILDING OFFICIAL MAY ALLOW MECHANICAL,  
16                                   ELECTRICAL, OR PLUMBING DRAWINGS TO BE SIGNED BY THE  
17                                   LICENSED CONTRACTOR DOING THE PROPOSED WORK. THE  
18                                   CONTRACTOR SHALL PROVIDE THEIR NAME, LICENSE  
19                                   NUMBER, DAYTIME PHONE NUMBER, AND DATE OF  
20                                   SIGNATURE. EACH SET OF PLANS SHALL BE ACCOMPANIED  
21                                   BY A COPY OF THE APPROVED AND SIGNED SITE  
22                                   DEVELOPMENT PLAN WHEN A SITE DEVELOPMENT PLAN IS  
23                                   REQUIRED BY THE HOWARD COUNTY SUBDIVISION  
24                                   REGULATIONS.  
25                   C.     THE BUILDING OFFICIAL MAY WAIVE THE REQUIREMENTS OF  
26                                   PLANS SUBMITTED IF THE WORK IS OF A MINOR INTERIOR OR  
27                                   NONSTRUCTURAL NATURE.

28                   (29)   *SUBSECTION 107.2.5.2 SUBDIVISION AND LAND DEVELOPMENT*  
29                                   *REGULATIONS, TITLE 16 OF THE HOWARD COUNTY CODE.*

30                   ADD NEW SUBSECTION 107.2.5.2 AFTER SUBSECTION 107.2.5.1 AS  
31                   FOLLOWS:

1 **107.2.5.2 SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, TITLE**  
2 **16 OF THE HOWARD COUNTY CODE.** IF A SITE DEVELOPMENT PLAN IS  
3 REQUIRED BY THE HOWARD COUNTY SUBDIVISION REGULATIONS, A PERMIT  
4 SHALL NOT BE ISSUED UNTIL THE SITE DEVELOPMENT PLAN IS APPROVED  
5 UNLESS AUTHORIZED BY THE DIRECTOR OF PLANNING AND ZONING.

6 (30) *SUBSECTION 109.2 SCHEDULE OF PERMIT FEES.*

7 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

8 **109.2 SCHEDULE OF PERMIT FEES.** THE COUNTY COUNCIL SHALL  
9 ANNUALLY ADOPT, BY RESOLUTION, A SCHEDULE OF FEES FOR BUILDING,  
10 ELECTRICAL, PLUMBING, MECHANICAL, FIRE PROTECTION, AND GRADING  
11 PERMITS ISSUED BY THE DEPARTMENT OF INSPECTIONS, LICENSES AND  
12 PERMITS.

13 (31) *SUBSECTION 109.2.1 FEE EXEMPTIONS.*

14 ADD NEW SUBSECTION 109.2.1 AFTER SUBSECTION 109.2 AS FOLLOWS:

15 **109.2.1 FEE EXEMPTIONS.** WORK ON BUILDINGS AND STRUCTURES OWNED  
16 AND OPERATED BY THE HOWARD COUNTY GOVERNMENT, HOWARD  
17 COMMUNITY COLLEGE, HOWARD COUNTY VOLUNTEER FIRE  
18 CORPORATIONS, THE HOWARD COUNTY FAIR ASSOCIATION, OR THE  
19 HOWARD COUNTY BOARD OF EDUCATION ARE EXEMPT FROM PERMIT FEES.

20 (32) *SUBSECTION 109.5.1 REINSPECTION FEES.*

21 ADD NEW SUBSECTION 109.5.1 AFTER SUBSECTION 109.5 AS FOLLOWS:

22 **109.5.1 REINSPECTION FEES.** A REINSPECTION FEE SHALL BE CHARGED  
23 FOR EACH REINSPECTION IF THE WORK HAS TO BE REINSPECTED BECAUSE:

- 24 (I) THE WORK WAS NOT READY FOR INSPECTION AT THE PRE-ARRANGED  
25 TIME FOR INSPECTION;
- 26 (II) THE INSPECTOR DID NOT HAVE ACCESS TO THE WORK AT THE PRE-  
27 ARRANGED TIME FOR INSPECTION;
- 28 (III) THE INSPECTOR HAD TO RETURN MORE THAN ONCE TO INSPECT A  
29 CORRECTION OF THE SAME VIOLATION OF THIS CODE; OR
- 30 (IV) THE INSPECTOR DISCOVERS A FLAGRANT NON-COMPLIANCE DURING  
31 A REQUESTED INSPECTION, INCLUDING BUT NOT LIMITED TO:

- 1                   A.     CUT OR BROKEN TRUSSES OR JOISTS;
- 2                   B.     MISSING LOAD BEARING STUDS; OR
- 3                   C.     THE OMISSION OF FIRE STOPPING.

4           (33)   *SUBSECTION 110.3 REQUIRED INSPECTIONS.*

5           DELETE THE SENTENCE THAT BEGINS “THE *BUILDING OFFICIAL*” AND  
6           SUBSTITUTE: AFTER ISSUING A BUILDING PERMIT, THE BUILDING OFFICIAL  
7           SHALL CONDUCT INSPECTIONS FROM TIME TO TIME DURING AND UPON  
8           COMPLETION OF THE WORK FOR WHICH THE PERMIT HAS BEEN ISSUED.  
9           RECORDS OF INSPECTIONS AND VIOLATIONS SHALL BE MAINTAINED BY THE  
10          BUILDING OFFICIAL. AN INSPECTION MAY INCLUDE ANY OF THE  
11          INSPECTIONS AS SET FORTH IN SUBSECTIONS 110.3.1 THROUGH 110.3.10 OF  
12          THIS SECTION.

13          (34)   *SUBSECTION 111.1 USE AND OCCUPANCY.*

14          AFTER THE FIRST SENTENCE, INSERT THE FOLLOWING:  
15          IF THERE IS AN APPROVED SITE DEVELOPMENT PLAN AND GRADING HAS  
16          OCCURRED, THE BUILDING OFFICIAL SHALL NOT ISSUE A CERTIFICATE OF  
17          USE AND OCCUPANCY UNLESS THE PERMITTEE SUBMITS A CERTIFICATION BY  
18          A REGISTERED LAND SURVEYOR THAT THE SITE GRADING AND DRAINAGE  
19          COURSES ARE IN COMPLIANCE WITH THE APPROVED SITE DEVELOPMENT  
20          PLAN. IF THERE IS NOT AN APPROVED SITE DEVELOPMENT PLAN AND  
21          GRADING HAS OCCURRED, THE PERMITTEE SHALL SUBMIT A CERTIFICATION  
22          BY A REGISTERED LAND SURVEYOR THAT THE SITE GRADING AND DRAINAGE  
23          COURSES ARE IN COMPLIANCE WITH THE APPROVED EROSION AND SEDIMENT  
24          CONTROL PLAN AND GRADING PLAN. THE CERTIFICATION SHALL BE  
25          SUBMITTED TO THE COUNTY. THE FINE GRADING AND SOIL STABILIZATION  
26          MAY BE DEFERRED UNTIL THE FOLLOWING GROWING SEASON UPON THE  
27          POSTING OF ADEQUATE SURETY EQUAL TO THE COST TO COMPLETE THE  
28          GRADING AND STABILIZATION.

29          (35)   *SUBSECTION 111.2 CERTIFICATE ISSUED.*

30          AFTER “OCCUPANCY” INSERT A PERIOD AND DELETE THE REMAINDER OF  
31          THIS SECTION.

1 (36) *SECTION 113 BOARD OF APPEALS.*

2 DELETE THIS SECTION AND SUBSTITUTE THE FOLLOWING:

3 **SECTION 113 MEANS OF APPEAL.**

4 **113.1 APPLICATION FOR APPEAL.** EXCEPT FOR A NOTICE OF VIOLATION, A  
5 PERSON MAY APPEAL THE APPROVAL, DENIAL, REVOCATION, SUSPENSION,  
6 OR EXTENSION OF A PERMIT TO A HEARING EXAMINER OF THE HOWARD  
7 COUNTY BOARD OF APPEALS. AN APPLICATION FOR AN APPEAL SHALL BE  
8 BASED ON A CLAIM THAT THIS CODE HAS BEEN INCORRECTLY INTERPRETED,  
9 THE PROVISIONS OF THIS CODE DO NOT APPLY, OR AN EQUALLY GOOD OR  
10 BETTER FORM OF CONSTRUCTION IS PROPOSED. A NOTICE OF VIOLATION  
11 MAY NOT BE APPEALED.

12 **113.2 BOARD OF APPEALS.** THE HOWARD COUNTY BOARD OF APPEALS’  
13 HEARING EXAMINER SHALL HEAR AND DECIDE APPEALS IN ACCORDANCE  
14 WITH THE PROCEDURES SET FORTH IN TITLE 16, SUBTITLE 3 OF THE HOWARD  
15 COUNTY CODE. NEITHER THE BOARD OF APPEALS’ HEARING EXAMINER  
16 NOR THE BOARD OF APPEALS SHALL HAVE AUTHORITY TO WAIVE  
17 REQUIREMENTS OF THIS CODE.

18 (37) *SUBSECTION 114.2 NOTICE OF VIOLATION.*

19 AMEND THIS SUBSECTION AS FOLLOWS:

20 (I) INSERT “OWNER OR” BEFORE “PERSON RESPONSIBLE FOR”; AND

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

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

24 A. PERSONAL SERVICE;

25 B. CERTIFIED OR REGISTERED MAIL, RESTRICTED DELIVERY,  
26 RETURN RECEIPT REQUESTED;

27 C. FIRST CLASS MAIL TO THE OWNER’S ADDRESS AS STATED IN  
28 THE RECORDS OF THE STATE DEPARTMENT OF ASSESSMENTS  
29 AND TAXATION; OR



1                   D.       WHEN SERVICE IS NOT OBTAINED BY ONE OF THESE  
2                               METHODS, THE NOTICE MAY BE POSTED IN A CONSPICUOUS  
3                               PLACE AT THE JOB SITE.

4       (38)   *SUBSECTION 114.4 VIOLATION PENALTIES.*

5               DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

6               **114.4 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND  
7               CONCURRENT WITH ALL REMEDIES PROVIDED AT LAW OR IN EQUITY AND AS  
8               SET FORTH IN SUBSECTION 114.3 OF THIS CODE, THE BUILDING OFFICIAL  
9               MAY ENFORCE THIS SUBTITLE WITH CIVIL PENALTIES PURSUANT TO TITLE 24  
10              “CIVIL PENALTIES” OF THE HOWARD COUNTY CODE. EXCEPT FOR A FIRST  
11              VIOLATION OF SECTION 115 OR SECTION 116 OF THIS CODE, A FIRST  
12              VIOLATION OF THIS SUBTITLE IS A CLASS C OFFENSE. A SUBSEQUENT  
13              VIOLATION OF THIS SUBTITLE IS A CLASS B OFFENSE. EACH DAY THAT A  
14              VIOLATION CONTINUES IS A SEPARATE OFFENSE.

15       (39)   *SUBSECTION 114.5 WITHHOLDING OF INSPECTIONS AND PERMITS.*

16              ADD NEW SUBSECTION 114.5 AFTER SUBSECTION 114.4 AS FOLLOWS:

17              **114.5 WITHHOLDING OF INSPECTIONS AND PERMITS.** IF THE BUILDING  
18              OFFICIAL FINDS THAT AN OWNER OR PERSON RESPONSIBLE IS IN VIOLATION  
19              OF A PROVISION OF THIS CODE, THIS SUBTITLE, OR ANY REGULATION THAT  
20              IMPLEMENTS THIS CODE IN CONNECTION WITH THE CONSTRUCTION,  
21              MAINTENANCE, ALTERATION, OR REPAIR OF ANY BUILDING, EQUIPMENT, OR  
22              LAND WITHIN HOWARD COUNTY, THE BUILDING OFFICIAL MAY REFUSE TO  
23              GRANT AN INSPECTION OR PERMIT TO THE CONTRACTOR, DEVELOPER,  
24              OWNER, OR OTHER PERSON RESPONSIBLE UNTIL ALL VIOLATIONS HAVE BEEN  
25              CORRECTED AND ALL FEES AND FINES HAVE BEEN PAID.

26       (40)   *SUBSECTION 115.2.1 SERVICE OF STOP WORK ORDERS.*

27              ADD NEW SUBSECTION 115.2.1 AFTER SUBSECTION 115.2 AS FOLLOWS:

28              **115.2.1 SERVICE OF STOP WORK ORDERS.** A STOP WORK ORDER SHALL BE  
29              SERVED IN ACCORDANCE WITH THE SERVICE PROVISIONS SET FORTH IN  
30              SUBSECTION 114.2 OF THIS CODE.

31       (41)   *SUBSECTION 115.3 UNLAWFUL CONTINUANCE.*

1 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

2 **115.3 UNLAWFUL CONTINUANCE.** A PERSON SHALL NOT PERFORM WORK  
3 AFTER SERVICE OF A STOP WORK ORDER EXCEPT WORK THAT IS PERFORMED  
4 AT THE DIRECTION OF THE BUILDING OFFICIAL TO ABATE A VIOLATION OF  
5 THIS CODE OR AN UNSAFE CONDITION.

6 (42) *SUBSECTION 115.4 PROSECUTION FOR FAILING TO STOP WORK.*

7 ADD NEW SUBSECTION 115.4 AFTER SUBSECTION 115.3 AS FOLLOWS:

8 **115.4 PROSECUTION FOR FAILING TO STOP WORK.** THE BUILDING  
9 OFFICIAL MAY REQUEST THE LEGAL COUNSEL OF THE JURISDICTION TO  
10 INSTITUTE THE APPROPRIATE PROCEEDING AT LAW OR IN EQUITY TO  
11 PREVENT OR RESTRAIN ANY WORK PERFORMED IN VIOLATION OF THIS  
12 SECTION.

13 (43) *SUBSECTION 115.5 VIOLATION PENALTIES.*

14 ADD NEW SUBSECTION 115.5 AFTER SUBSECTION 115.4 AS FOLLOWS:

15 **115.5 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND  
16 CONCURRENT WITH THE REMEDIES SET FORTH IN SUBSECTION 115.4, THE  
17 BUILDING OFFICIAL MAY ENFORCE THIS SECTION PURSUANT TO TITLE 24,  
18 “CIVIL PENALTIES” OF THE HOWARD COUNTY CODE. A VIOLATION OF THIS  
19 SECTION IS A CLASS B OFFENSE. EACH DAY THAT A VIOLATION CONTINUES  
20 IS A SEPARATE OFFENSE.

21 (44) *SUBSECTION 116.6 DISREGARDING NOTICE.*

22 ADD NEW SUBSECTION 116.6 AFTER SUBSECTION 116.5 AS FOLLOWS:

23 **116.6 DISREGARDING NOTICE.** FAILURE TO COMPLY WITH A NOTICE  
24 ISSUED UNDER THIS SECTION IS A VIOLATION OF THIS CODE.

25 (45) *SUBSECTION 116.7 PROSECUTION.*

26 ADD NEW SUBSECTION 116.7 AFTER SUBSECTION 116.6 AS FOLLOWS:

27 **116.7 PROSECUTION.** THE BUILDING OFFICIAL MAY REQUEST THE LEGAL  
28 COUNSEL OF THE JURISDICTION TO INSTITUTE THE APPROPRIATE  
29 PROCEEDING AT LAW OR IN EQUITY TO PREVENT OR RESTRAIN ANY WORK  
30 PERFORMED IN VIOLATION OF THIS SECTION.

31 (46) *SUBSECTION 116.8 VIOLATION PENALTIES.*

1 ADD NEW SUBSECTION 116.8 AFTER SUBSECTION 116.7 AS FOLLOWS:

2 **116.8 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND  
3 CONCURRENT WITH THE REMEDIES SET FORTH IN SUBSECTION 116.6, THE  
4 BUILDING OFFICIAL MAY ENFORCE THIS SECTION PURSUANT TO TITLE 24,  
5 “CIVIL PENALTIES” OF THE HOWARD COUNTY CODE. A VIOLATION OF THIS  
6 SECTION IS A CLASS B OFFENSE. EACH DAY THAT A VIOLATION CONTINUES  
7 IS A SEPARATE OFFENSE.

8 (47) *SECTION 117 EMERGENCY MEASURES.*

9 ADD NEW SECTION 117 AFTER SECTION 116 AS FOLLOWS:

10 **SECTION 117 EMERGENCY MEASURES.**

11 **117.1 IMMINENT DANGER.** WHENEVER THE BUILDING OFFICIAL  
12 DETERMINES THAT THERE IS AN EMERGENCY OR IMMINENT DANGER OF  
13 FAILURE OR COLLAPSE OF A BUILDING, STRUCTURE, OR ANY PART OF A  
14 BUILDING OR STRUCTURE THAT ENDANGERS LIFE, OR WHEN ANY BUILDING,  
15 STRUCTURE, OR PART OF A BUILDING OR STRUCTURE HAS FALLEN AND LIFE  
16 IS ENDANGERED BY THE OCCUPATION OF THE BUILDING OR STRUCTURE, THE  
17 BUILDING OFFICIAL MAY ORDER AN OCCUPANT TO VACATE THE BUILDING  
18 OR STRUCTURE. THE BUILDING OFFICIAL SHALL POST A NOTICE AT EACH  
19 ENTRANCE TO THE BUILDING OR STRUCTURE. THE NOTICE SHALL STATE AS  
20 FOLLOWS: “THIS STRUCTURE IS UNSAFE AND ITS OCCUPANCY HAS BEEN  
21 PROHIBITED BY THE BUILDING OFFICIAL.” EXCEPT FOR THE PURPOSE OF  
22 MAKING A REQUIRED REPAIR OR DEMOLISHING THE BUILDING OR  
23 STRUCTURE, A PERSON SHALL NOT ENTER THE BUILDING OR STRUCTURE.

24 **117.2 TEMPORARY SAFEGUARDS.** WHENEVER THE BUILDING OFFICIAL  
25 DETERMINES THAT THERE IS IMMINENT DANGER DUE TO AN UNSAFE  
26 CONDITION, THE BUILDING OFFICIAL MAY CAUSE THE NECESSARY WORK TO  
27 BE DONE TO MAKE THE BUILDING OR STRUCTURE TEMPORARILY SAFE,  
28 WHETHER OR NOT THE LEGAL PROCEDURE AS SET FORTH IN THIS CODE HAS  
29 BEEN INSTITUTED.

30 **117.3 CLOSING STREETS AND BUILDINGS.** IF NECESSARY FOR PUBLIC  
31 SAFETY, THE BUILDING OFFICIAL MAY:

- 1 (I) TEMPORARILY CLOSE A BUILDING OR STRUCTURE;
- 2 (II) CLOSE OR ORDER THE JURISDICTION TO CLOSE A SIDEWALK, STREET,
- 3 PUBLIC WAY, OR PLACE ADJACENT TO AN UNSAFE BUILDING OR
- 4 STRUCTURE; AND
- 5 (III) PROHIBIT THE USE OF A SIDEWALK, STREET, PUBLIC WAY, OR PLACE
- 6 ADJACENT TO AN UNSAFE BUILDING OR STRUCTURE.

7 **117.4. DEMOLITION OF STRUCTURES.**

8 WHENEVER THE BUILDING OFFICIAL DETERMINES THAT THERE IS IMMINENT  
9 DANGER DUE TO AN UNSAFE STRUCTURE, THE BUILDING OFFICIAL MAY  
10 CAUSE THE STRUCTURE TO BE DEMOLISHED IN ACCORDANCE WITH SECTION  
11 118 OF THIS CODE.

12 **117.5 EMERGENCY REPAIRS.** FOR THE PURPOSE OF THIS SECTION, THE  
13 BUILDING OFFICIAL MAY EMPLOY THE NECESSARY LABOR AND MATERIALS  
14 TO PERFORM THE REQUIRED WORK AS EXPEDITIOUSLY AS POSSIBLE.

15 **117.6 COST OF EMERGENCY REPAIRS.** COSTS INCURRED IN THE  
16 PERFORMANCE OF EMERGENCY WORK MAY BE PAID FROM THE TREASURY OF  
17 THE JURISDICTION. THE LEGAL COUNSEL OF THE JURISDICTION SHALL  
18 INSTITUTE APPROPRIATE ACTION TO SEEK REIMBURSEMENT AGAINST THE  
19 OWNER OF THE PREMISES WHERE THE UNSAFE BUILDING OR STRUCTURE IS  
20 OR WAS LOCATED FOR THE COST OF THE REPAIRS OR ACTIONS NECESSARY  
21 TO MAKE THE PREMISES SAFE.

22 **117.7 UNSAFE EQUIPMENT.** WHENEVER THE BUILDING OFFICIAL  
23 DETERMINES THAT EQUIPMENT IS UNSAFE, THE EQUIPMENT SHALL NOT BE  
24 OPERATED AFTER THE DATE STATED IN THE NOTICE UNLESS THE REQUIRED  
25 REPAIRS, REPLACEMENT, OR CHANGES HAVE BEEN MADE AND THE  
26 EQUIPMENT HAS BEEN APPROVED OR UNLESS THE BUILDING OFFICIAL HAS  
27 AGREED, IN WRITING, TO AN EXTENSION OF TIME TO MAKE THE REQUIRED  
28 REPAIRS, REPLACEMENT, OR CHANGES.

29 **117.7.1 AUTHORITY TO SEAL EQUIPMENT.** IN THE CASE OF AN  
30 EMERGENCY, THE BUILDING OFFICIAL MAY IMMEDIATELY SEAL OUT OF  
31 SERVICE ANY UNSAFE DEVICE OR EQUIPMENT REGULATED BY THIS CODE.

1                   **117.7.2 UNLAWFUL TO REMOVE SEAL.** ANY DEVICE OR EQUIPMENT  
2                   SEALED OUT OF SERVICE BY THE BUILDING OFFICIAL SHALL BE PLAINLY  
3                   IDENTIFIED IN AN APPROVED MANNER. EXCEPT BY THE BUILDING OFFICIAL,  
4                   THE IDENTIFICATION SHALL NOT BE TAMPERED WITH, DEFACED, OR  
5                   REMOVED. THE IDENTIFICATION SHALL INDICATE THE REASON FOR THE  
6                   SEALING OF THE EQUIPMENT.

7                   (48)    *SECTION 118 DEMOLITION OF STRUCTURES.*

8                   ADD NEW SECTION 118 AFTER SECTION 117 AS FOLLOWS:

9                   **SECTION 118 DEMOLITION OF STRUCTURES.**

10                  **118.1 SERVICE CONNECTIONS.** BEFORE A STRUCTURE IS DEMOLISHED OR  
11                  REMOVED, THE OWNER OR AGENT SHALL NOTIFY ALL UTILITIES HAVING  
12                  SERVICE CONNECTIONS WITHIN THE STRUCTURE INCLUDING, BUT NOT  
13                  LIMITED TO, WATER, ELECTRIC, GAS, OR SEWER. A PERMIT TO DEMOLISH OR  
14                  REMOVE A STRUCTURE SHALL NOT BE ISSUED UNTIL A RELEASE IS OBTAINED  
15                  FROM THE UTILITIES. THE RELEASE SHALL STATE THAT THE UTILITY’S  
16                  RESPECTIVE SERVICE CONNECTIONS AND APPURTENANT EQUIPMENT, SUCH  
17                  AS METERS AND REGULATORS, HAVE BEEN REMOVED, SEALED, OR PLUGGED  
18                  IN A SAFE MANNER.

19                  **118.2 NOTICE TO ADJOINING OWNERS.** A PERMIT TO REMOVE OR  
20                  DEMOLISH A BUILDING OR STRUCTURE MAY BE GRANTED IF WRITTEN NOTICE  
21                  HAS BEEN GIVEN BY THE APPLICANT TO THE OWNERS OF ADJOINING LOTS  
22                  AND TO THE OWNERS OF WIRED OR OTHER FACILITIES THAT MAY NEED TO BE  
23                  TEMPORARILY REMOVED DUE TO THE PROPOSED WORK.

24                  **118.3 LOT REGULATION.** WHENEVER A STRUCTURE IS DEMOLISHED OR  
25                  REMOVED, THE PREMISES SHALL BE MAINTAINED FREE FROM ALL UNSAFE OR  
26                  HAZARDOUS CONDITIONS BY THE PROPER REGULATION OF THE LOT,  
27                  RESTORATION OF ESTABLISHED GRADES, AND THE ERECTION OF THE  
28                  NECESSARY RETAINING WALLS AND FENCES IN ACCORDANCE WITH THE  
29                  PROVISIONS OF CHAPTER 33 OF THIS CODE.

30                  (49)    *SECTION 310.3 RESIDENTIAL GROUP R-1.*

- 1 (I) AFTER “*BOARDING HOUSES (TRANSIENT)*”, DELETE “10” AND  
2 SUBSTITUTE “5”; AND
- 3 (II) AFTER “*CONGREGATE LIVING FACILITIES (TRANSIENT)*”, DELETE “10”  
4 AND SUBSTITUTE “5”.
- 5 (50) *SECTION 310.4 RESIDENTIAL GROUP R-2.*
- 6 (I) AFTER “*BOARDING HOUSES (NONTRANSIENT)*”, DELETE “16” AND  
7 SUBSTITUTE “5”; AND
- 8 (II) AFTER “*CONGREGATE LIVING FACILITIES (NONTRANSIENT)*”, DELETE  
9 “16” AND SUBSTITUTE “5”.
- 10 (51) *SECTION 310.5 RESIDENTIAL GROUP R-3.*
- 11 (I) AFTER “*BOARDING HOUSES (NONTRANSIENT)*”, DELETE “16” AND  
12 SUBSTITUTE “5”;
- 13 (II) AFTER “*BOARDING HOUSES (TRANSIENT)*”, DELETE “10” AND  
14 SUBSTITUTE “5”;
- 15 (III) AFTER “*CONGREGATE LIVING FACILITIES (NONTRANSIENT)*”, DELETE  
16 “16” AND SUBSTITUTE “5”; AND
- 17 (IV) AFTER “*CONGREGATE LIVING FACILITIES (TRANSIENT)*”, DELETE “10”  
18 AND SUBSTITUTE “5”.
- 19 (52) *SUBSECTION 703.7 MARKING AND IDENTIFICATION.*  
20 AMEND THIS SUBSECTION AS FOLLOWS:
- 21 (I) IN ITEM 2:
- 22 (A) DELETE “WITHIN 15 FEET (4572 MM) OF THE END OF EACH  
23 WALL AND”;
- 24 (B) DELETE “30 FEET (914 MM)” AND SUBSTITUTE “10 FEET  
25 (3048 MM)”;
- 26 (C) AFTER “WALL OR PARTITION” INSERT “ON BOTH SIDES”; AND
- 27 (53) *SUBSECTIONS 903.2.1.1 GROUP A-1; 903.2.1.3 GROUP A-3; AND 903.2.1.4*  
28 *GROUP A-4.*  
29 DELETE ITEM NUMBER 2 IN EACH SUBSECTION AND SUBSTITUTE THE  
30 FOLLOWING IN EACH INSTANCE:

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

3 (54) *SUBSECTION 903.2.3 GROUP E.*

4 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

5 **903.2.3 GROUP E.** AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED  
6 FOR ALL GROUP E OCCUPANCIES.

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

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

10 ADD NEW SUBSECTION 903.2.13 AFTER SUBSECTION 903.2.12 AS FOLLOWS:

11 **903.2.13 ADDITIONAL SUPPRESSION REQUIREMENTS.** FIRE SUPPRESSION  
12 SYSTEMS SHALL BE PROVIDED FOR RESIDENTIAL AND NONRESIDENTIAL  
13 BUILDINGS OR STRUCTURES AS FOLLOWS:

14 **903.2.13.1** IF AN ADDITION OR RENOVATION TO AN EXISTING R-1 OR R-2  
15 BUILDING EXCEEDS 50% OF THE GROSS FLOOR AREA, THE ENTIRE BUILDING  
16 SHALL BE PROTECTED BY AN APPROVED FIRE PROTECTION SYSTEM.

17 **903.2.13.2** ANY NONRESIDENTIAL BUILDING, STRUCTURE, OR ADDITION TO  
18 AN EXISTING NONRESIDENTIAL BUILDING OR STRUCTURE FOR WHICH THE  
19 INITIAL BUILDING PERMIT WAS ISSUED ON OR AFTER JULY 1, 1992, SHALL BE  
20 PROTECTED BY AN AUTOMATIC FIRE PROTECTION SPRINKLER SYSTEM.

21 **903.2.13.3 APPLICABLE CONDITIONS AND EXCEPTIONS:**

22 (I) EXCEPTION: A BUILDING OR STRUCTURE CONTAINING LESS THAN  
23 5,000 GROSS SQUARE FEET IN FLOOR AREA. THE GROSS SQUARE  
24 FEET OF A BUILDING OR ADDITION SHALL BE THE SUM TOTAL OF THE  
25 FLOOR AREA FOR ALL FLOOR LEVELS, BASEMENTS, AND  
26 SUBBASEMENTS, MEASURED FROM OUTSIDE WALLS, IRRESPECTIVE  
27 OF THE EXISTENCE OF INTERIOR FIRE-RESISTIVE WALLS, FLOORS, OR  
28 CEILINGS.

29 (II) IF AN ADDITION TO AN EXISTING BUILDING EXCEEDS 5,000 GROSS  
30 SQUARE FEET IN FLOOR AREA, THE ADDITION SHALL COMPLY WITH  
31 THIS SECTION.

1 (III) IF AN ALTERATION TO AN EXISTING BUILDING EXCEEDS 5,000 GROSS  
2 SQUARE FEET IN FLOOR AREA, THE ALTERATION SHALL COMPLY  
3 WITH THIS SECTION. IF THE ALTERATION EXCEEDS 50% OF THE  
4 GROSS FLOOR AREA OF THE BUILDING, THE ENTIRE BUILDING SHALL  
5 COMPLY WITH THIS SECTION.

6 (IV) IF AN ALTERATION AND ADDITION OCCUR SIMULTANEOUSLY IN A  
7 BUILDING, ARE CONTIGUOUS, AND THE TOTAL AFFECTED FLOOR  
8 AREA EXCEEDS 5,000 GROSS SQUARE FEET IN FLOOR AREA, THE  
9 ENTIRE ALTERATION AND ADDITION AREAS SHALL COMPLY WITH  
10 THIS SECTION.

11 (V) THE BUILDING OFFICIAL MAY GRANT A WAIVER FROM THE  
12 REQUIREMENTS OF THIS SECTION FOR AN UNUSUAL BUILDING,  
13 STRUCTURE, OR OCCUPANCY.

14 (VI) A SPRINKLER SYSTEM REQUIRED BY THIS SECTION SHALL BE  
15 INSTALLED IN ACCORDANCE WITH NFPA STANDARD 13, 13D, OR  
16 13R, AS APPLICABLE.

17 (56) *SUBSECTION 903.2.14 HOSE CONNECTIONS.*

18 ADD NEW SUBSECTION 903.2.14 AFTER SUBSECTION 903.2.13 AS FOLLOWS:

19 **903.2.14 HOSE CONNECTIONS.** WHERE FIRE SUPPRESSION SYSTEMS ARE  
20 REQUIRED IN GROUP M, S-1 AND F-1 OCCUPANCIES, A 2<sup>1</sup>/<sub>2</sub> INCH HOSE  
21 CONNECTION WITH 1<sup>1</sup>/<sub>2</sub> INCH REDUCERS SHALL BE PROVIDED FOR FIRE  
22 DEPARTMENT USE. HOSE CONNECTIONS SHALL BE PLACED NEAR EXIT  
23 DOORS THAT DO NOT HAVE FIRE DEPARTMENT VEHICLE ACCESS WITHIN 100  
24 FEET. TWO HOSE CONNECTIONS SHALL BE LOCATED NO MORE THAN 200  
25 FEET APART. EXIT DOORS SHALL BE PLACARDED ON THE OUTSIDE TO  
26 INDICATE THE LOCATION OF HOSE CONNECTIONS FOR FIRE DEPARTMENT  
27 ACCESS.

28 (57) *SUBSECTION 905.11 PIPING DESIGN.*

29 ADD NEW SUBSECTION 905.11 AFTER SUBSECTION 905.10 AS FOLLOWS:

30 **905.11 PIPING DESIGN.** THE RISER PIPING, SUPPLY PIPING, AND WATER  
31 SERVICE PIPING SHALL BE SIZED TO MAINTAIN A RESIDUAL PRESSURE OF AT



1 LEAST 100 PSI AT THE TOP MOST OUTLET OF EACH RISER WHILE FLOWING  
2 THE MINIMUM QUANTITY OF WATER AS SPECIFIED IN NFPA 14. THE PIPE  
3 SIZE SHALL BE BASED ON EITHER THE CAPACITY OF THE AUTOMATIC WATER  
4 SUPPLY SYSTEM OR THE SUPPLY OF 1000 GPM AT 150 PSI AT THE FIRE  
5 DEPARTMENT CONNECTION WHERE AN AUTOMATIC WATER SUPPLY IS  
6 NEITHER REQUIRED NOR PROVIDED TO MAINTAIN THE RESIDUAL PRESSURE  
7 OF 100 PSI. IF A FIRE PUMP IS REQUIRED TO SUPPLY AN AUTOMATIC  
8 SPRINKLER SYSTEM, THE PUMP SHALL BE SIZED IN ACCORDANCE WITH THIS  
9 SECTION.

10 **EXCEPTION:** THE RESIDUAL PRESSURE OF 100 PSI IS NOT REQUIRED IN  
11 BUILDINGS EQUIPPED THROUGHOUT WITH AUTOMATIC SPRINKLER SYSTEMS  
12 IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2 OF THIS CODE AND  
13 WHERE THE HIGHEST FLOOR LEVEL IS NOT MORE THAN 75 FEET ABOVE THE  
14 LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS.

15 (58) *SUBSECTION 910.1 GENERAL.*

16 DELETE EXCEPTIONS 1 AND 2.

17 (59) *SUBSECTION 910.2.1 GROUP F-1 OR S-1.*

18 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

19 **910.2.1 GROUPS F-1, M, AND S-1.** BUILDINGS OR PORTIONS OF BUILDINGS  
20 USED AS A GROUP F-1, M, OR S-1 OCCUPANCY THAT HAVE MORE THAN  
21 50,000 SQUARE FEET.

22 **EXCEPTION 1:** BUILDINGS WITH A FLOOR TO FINISHED CEILING HEIGHT OF  
23 20 FEET OR LESS ARE EXEMPT FROM SMOKE VENTING REQUIREMENTS.

24 **EXCEPTION 2:** BUILDINGS WITH NO FINISHED CEILING THAT HAVE A HEIGHT  
25 OF 20 FEET OR LESS, AT ALL POINTS, FROM THE FLOOR TO THE UNDERSIDE OF  
26 THE ROOF DECK ABOVE ARE EXEMPT FROM SMOKE VENTING REQUIREMENTS.

27 (60) *SUBSECTION 910.3.2 VENT OPERATION.*

28 DELETE THIS SUBSECTION IN ITS ENTIRETY AND SUBSTITUTE THE  
29 FOLLOWING:

1                   **910.3.2 VENT OPERATION.** SMOKE AND HEAT VENTS SHALL BE APPROVED,  
2                   LABELED, AND CAPABLE OF BEING OPERATED BY APPROVED MANUAL  
3                   MEANS.

4           (61)   *SUBSECTION 1607.10 REDUCTION IN UNIFORM LIVE LOADS.*

5                   ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

6                   **EXCEPTION:** LIVE LOAD REDUCTION SHALL NOT APPLY TO ROOFS.

7           (62)   *SUBSECTION 1607.12.1 DISTRIBUTION OF ROOF LOADS.*

8                   IN THE LAST SENTENCE, DELETE THE WORDS “AND SECTION 7.5 OF ASCE 7  
9                   FOR PARTIAL SNOW LOADING”.

10          (63)   *SUBSECTION 1607.12.2 GENERAL.*

11                   ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

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

17          (64)   *SUBSECTION 1803.2 INVESTIGATIONS REQUIRED.*

18                   INSERT AT THE END OF THE FIRST SENTENCE “OR WHERE THE BUILDING  
19                   EXCEEDS 2 STORIES”.

20          (65)   *SUBSECTION 1809.5 FROST PROTECTION.*

21                   DELETE EXCEPTION NUMBER 2 AND SUBSTITUTE “2. AREA OF 400 SQUARE  
22                   FEET OR LESS; AND”.

23          (66)   *SUBSECTION 1809.5.1 FROST LINE.*

24                   ADD NEW SUBSECTION 1809.5.1 AFTER SUBSECTION 1809.5 AS FOLLOWS:

25                   **1809.5.1 FROST LINE.** THE FROST LINE SHALL BE AT LEAST 30 INCHES  
26                   BELOW FINISHED GRADE.

27          (67)   DELETE CHAPTERS 28 THROUGH 29.

28          (68)   *SUBSECTION 3001.2 REFERENCED STANDARDS.*

29                   ADD THE FOLLOWING TO THE END OF THE SUBSECTION:

30                   **EXCEPTION:** THE REQUIREMENTS OF THE STATE OF MARYLAND ELEVATOR  
31                   CODE, ASME A17.1, SAFETY CODE FOR ELEVATORS AND ESCALATORS, AS

ADOPTED BY THE MARYLAND DEPARTMENT OF LABOR, LICENSING AND  
REGULATION, SHALL APPLY TO ELEVATORS AND CONVEYING SYSTEMS.

(69) *SUBSECTION 3107.1 GENERAL.*

INSERT THE FOLLOWING AT THE END OF THIS SENTENCE:

AND THE REQUIREMENTS OF THE HOWARD COUNTY SIGN CODE SET FORTH  
IN TITLE 3, SUBTITLE 5 OF THE HOWARD COUNTY CODE.

(70) *SUBSECTION 3108.3 RADIO AND TELEVISION ANTENNAS.*

ADD NEW SUBSECTION 3108.3 AFTER SUBSECTION 3108.2 AS FOLLOWS:

**3108.3 RADIO AND TELEVISION ANTENNAS.**

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

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

**3108.3.2 PERMITS REQUIRED.** IF THE APPLICATION MEETS THE CRITERIA  
SET FORTH IN THIS CODE, AN APPLICATION FOR ROOF-MOUNTED ANTENNAL  
STRUCTURES MORE THAN 12 FEET IN HEIGHT ABOVE THE ROOF SHALL BE  
APPROVED. A PERMIT APPLICATION FOR A ROOF-MOUNTED ANTENNAL  
STRUCTURE UNDER THIS SUBSECTION SHALL BE ACCOMPANIED BY DETAILED  
DRAWINGS OF THE STRUCTURE AND METHOD OF ANCHORAGE. ALL  
CONNECTIONS TO THE ROOF STRUCTURE SHALL BE PROPERLY FLASHED TO  
MAINTAIN WATER TIGHTNESS. THE DESIGN AND MATERIALS OF  
CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THIS

1 SUBSECTION (3108.3) FOR CHARACTER, QUALITY, AND MINIMUM  
2 DIMENSION.

3 **3108.3.3 DISH ANTENNAS.** A DISH ANTENNA IS AN ANTENNA THAT  
4 CONSISTS OF A RADIATION ELEMENT THAT TRANSMITS OR RECEIVES  
5 RADIATION SIGNALS GENERATED AS ELECTRICAL, LIGHT, OR SOUND  
6 ENERGY. A DISH ANTENNA IS SUPPORTED BY A STRUCTURE WITH OR  
7 WITHOUT A REFLECTIVE COMPONENT TO THE RADIATING DISH, USUALLY IN  
8 A CIRCULAR SHAPE WITH A PARABOLIC CURVE DESIGN CONSTRUCTED OF A  
9 SOLID OR OPEN MESH SURFACE.

10 **3108.3.3.1 PERMITS.** A PERMIT SHALL BE OBTAINED FOR DISH ANTENNAL  
11 STRUCTURES THAT ARE GREATER THAN 3 FEET IN DIAMETER AND THAT ARE  
12 ERECTED ON THE ROOF OF OR ATTACHED TO BUILDINGS OR STRUCTURES.  
13 PERMITS ARE NOT REQUIRED FOR DISH ANTENNAS THAT ARE 3 FEET OR LESS  
14 IN DIAMETER AND THAT ARE ERECTED AND MAINTAINED ON THE ROOF OF A  
15 BUILDING.

16 **3108.3.3.2 STRUCTURAL PROVISIONS.** DISH ANTENNAS LARGER THAN 3  
17 FEET IN DIAMETER ARE SUBJECT TO THE STRUCTURAL PROVISIONS OF  
18 SECTIONS 1608 AND 1609. THE SNOW LOAD PROVISION OF SECTION 1608  
19 SHALL NOT APPLY WHERE THE ANTENNA HAS A HEATER TO MELT FALLING  
20 SNOW.

21 (71) *SECTION 3112 FLOODPLAIN.*

22 ADD NEW SECTION 3112 AFTER SECTION 3111 AS FOLLOWS:

23 **SECTION 3112 FLOODPLAIN.**

24 **3112.1 GENERAL.** FOR THE PURPOSE OF THIS SECTION, THE FLOODPLAIN IS  
25 DELINEATED IN TITLE 16, SUBTITLE 7 OF THE HOWARD COUNTY CODE.

26 **3112.2 WITHIN DESIGNATED FLOODPLAIN.**

27 THE CONSTRUCTION, RECONSTRUCTION, MODIFICATION, ALTERATION,  
28 REPAIR, OR IMPROVEMENT OF BUILDINGS, MOBILE HOMES, OR OTHER  
29 STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL BE DONE  
30 IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THIS SECTION.

1 **3112.2.1 NEW CONSTRUCTION.** NEW RESIDENTIAL OR NONRESIDENTIAL  
2 CONSTRUCTION SHALL NOT OCCUR WITHIN A DESIGNATED FLOODPLAIN.

3 **EXCEPTION 1:** EXCEPT FOR MOBILE HOMES, AN EXISTING NONCONFORMING  
4 STRUCTURE LOCATED WITHIN A DESIGNATED FLOODPLAIN WHICH IS  
5 DESTROYED BY FIRE, FLOOD, OR OTHER CALAMITY MAY BE RESTORED TO  
6 THE SAME SIZE AND DIMENSION AND IN THE SAME LOCATION ON THE SAME  
7 LOT AS THE DESTROYED STRUCTURE, PROVIDED CONSTRUCTION BEGINS  
8 WITHIN 12 MONTHS OF THE DATE OF DESTRUCTION. CONSTRUCTION SHALL  
9 COMPLY WITH THE ELEVATING AND FLOODPROOFING REQUIREMENTS OF  
10 SUBSECTION 3112.4 FOR NEW CONSTRUCTION ADJACENT TO A FLOODPLAIN.  
11 VARIANCES TO THE REQUIREMENTS SET FORTH IN SUBSECTION 3112.4 MAY  
12 BE GRANTED BY THE BUILDING OFFICIAL IN ACCORDANCE WITH FEMA  
13 REGULATIONS, SECTION 60.6(A)(1), (3),(4),(5), AND (6). A PERSON SHALL  
14 NOT INTENTIONALLY DEMOLISH OR RECONSTRUCT ANY NONCONFORMING  
15 STRUCTURE IS PROHIBITED BY THIS CODE.

16 **EXCEPTION 2:** TRANSPORTATION NETWORKS, UTILITY INSTALLATIONS,  
17 PIERS, OPEN PIER STRUCTURES, AND OPEN DECKS APPROVED BY THE  
18 DEPARTMENT OF PUBLIC WORKS. STREETS, SIDEWALKS, PATHWAYS, AND  
19 UTILITY SYSTEMS IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN  
20 MANUAL AND ALL OTHER APPLICABLE CODES, ORDINANCES, RESOLUTIONS,  
21 AND REGULATIONS.

22 **3112.2.2 ADDITIONS AND ENLARGEMENTS.** EXISTING NONCONFORMING  
23 STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL NOT BE  
24 EXPANDED OR ENLARGED.

25 **3112.2.3 MODIFICATIONS, ALTERATIONS, AND REPAIRS.** MODIFICATIONS,  
26 ALTERATIONS, REPAIRS, OR IMPROVEMENTS THAT COST LESS THAN 50% OF  
27 THE FAIR MARKET VALUE OF THE STRUCTURE MAY BE MADE TO EXISTING  
28 NONCONFORMING STRUCTURES LOCATED WITHIN A DESIGNATED  
29 FLOODPLAIN WITHOUT FLOODPROOFING OR ELEVATING IF THE OWNER  
30 DEMONSTRATES THROUGH A MARYLAND STATE REGISTERED PROFESSIONAL  
31 ENGINEER THAT FLOODPROOFING OR ELEVATING IS IMPRACTICAL.

1                   **3112.3 SUBSTANTIAL IMPROVEMENTS WITHIN A DESIGNATED**  
2                   **FLOODPLAIN.** SUBSTANTIAL IMPROVEMENTS WITHIN A DESIGNATED  
3                   FLOODPLAIN SHALL MEET THE STANDARDS SET FORTH IN THIS SUBSECTION.

4                   **3112.3.1. RESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT, OF  
5                   SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING RESIDENTIAL  
6                   STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL BE  
7                   ELEVATED TO AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION.

8                   **3112.3.2. NONRESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A  
9                   BASEMENT, OF SUBSTANTIAL IMPROVEMENTS TO EXISTING  
10                  NONCONFORMING NONRESIDENTIAL STRUCTURES SHALL BE ELEVATED TO  
11                  AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION OR SHALL BE  
12                  DESIGNED SO THAT ANY AREA OF THE BUILDING WHICH IS LOWER THAN 2  
13                  FEET ABOVE THE 100-YEAR FLOOD ELEVATION, AS DETERMINED OR  
14                  APPROVED BY THE DEPARTMENT OF PUBLIC WORKS, IS WATERTIGHT WITH  
15                  WALLS SUBSTANTIALLY IMPERMEABLE TO THE PASSAGE OF WATER AND  
16                  WITH STRUCTURAL COMPONENTS HAVING THE CAPABILITY OF  
17                  WITHSTANDING APPLICABLE HYDROSTATIC, HYDRODYNAMIC, IMPACT,  
18                  SOIL, AND, WHEN APPLICABLE, HURRICANE AND TIDAL WAVE LOADING  
19                  CONDITIONS. THE WATER TIGHTNESS AND STRUCTURAL CAPABILITIES  
20                  SHALL BE THOSE DESCRIBED IN FLOODPROOFING REGULATIONS PUBLISHED  
21                  BY THE OFFICE OF THE CHIEF OF ENGINEERS, U.S. ARMY, WASHINGTON,  
22                  D.C., MARCH 1992.

23                  **3112.4 CONSTRUCTION ADJACENT TO A DESIGNATED FLOODPLAIN.**

24                  WHERE BUILDINGS ARE LOCATED ADJACENT TO A DESIGNATED FLOODPLAIN  
25                  THE FOLLOWING SUBSECTIONS SHALL APPLY:

26                  **3112.4.1 RESIDENTIAL.** IN NEW CONSTRUCTION OF RESIDENTIAL  
27                  BUILDINGS OR ADDITIONS OR SUBSTANTIAL IMPROVEMENTS TO  
28                  RESIDENTIAL BUILDINGS, ALL FLOORS, INCLUDING THOSE OF BASEMENT  
29                  AND STORAGE AREAS, SHALL BE ELEVATED AT LEAST 2 FEET ABOVE THE  
30                  100-YEAR FLOOD LEVEL.

1                   **3112.4.2 NONRESIDENTIAL.** IN NEW CONSTRUCTION OF NONRESIDENTIAL  
2 BUILDINGS OR ADDITIONS OR SUBSTANTIAL IMPROVEMENTS TO  
3 NONRESIDENTIAL BUILDINGS, EITHER:

4           (I)       ALL FLOORS (INCLUDING THOSE OF BASEMENT AND STORAGE  
5                   AREAS) SHALL BE ELEVATED AT LEAST 2 FEET ABOVE THE 100-YEAR  
6 FLOOD LEVEL, AS DETERMINED OR APPROVED BY THE DEPARTMENT  
7 OF PUBLIC WORKS; OR

8           (II)     THE CONSTRUCTION OR IMPROVEMENT (INCLUDING ATTENDANT  
9 UTILITY OR SANITARY FACILITIES) SHALL BE DESIGNED SO THAT ANY  
10 AREAS OF THE BUILDING THAT ARE LOWER THAN 2 FEET ABOVE THE  
11 100-YEAR FLOOD ELEVATION, AS DETERMINED OR APPROVED BY  
12 THE DEPARTMENT OF PUBLIC WORKS, ARE WATERTIGHT WITH  
13 WALLS SUBSTANTIALLY IMPERMEABLE TO THE PASSAGE OF WATER  
14 AND WITH STRUCTURAL COMPONENTS HAVING THE CAPABILITY OF  
15 WITHSTANDING APPLICABLE HYDROSTATIC, HYDRODYNAMIC,  
16 IMPACT, SOIL, AND, WHEN APPLICABLE, HURRICANE AND TIDAL  
17 WAVE LOADING CONDITIONS. ELECTRICAL, HEATING, VENTILATION,  
18 PLUMBING, AIR CONDITIONING EQUIPMENT, AND OTHER SERVICE  
19 FACILITIES ASSOCIATED WITH THE BUILDINGS SHALL BE DESIGNED  
20 OR LOCATED TO PREVENT WATER FROM ENTERING OR  
21 ACCUMULATING WITHIN THE COMPONENTS DURING FLOOD  
22 CONDITIONS. THE WATER TIGHTNESS AND STRUCTURAL  
23 CAPABILITIES SHALL BE THOSE DESCRIBED IN FLOODPROOFING  
24 REGULATIONS, PUBLISHED BY THE OFFICE OF THE CHIEF OF  
25 ENGINEERS, U.S. ARMY, WASHINGTON, D.C., MARCH 1992.

26           **3112.4.3. MODIFICATIONS, ALTERATIONS OR REPAIRS.** MODIFICATIONS,  
27 ALTERATIONS, REPAIRS, OR IMPROVEMENTS THAT COSTS LESS THAN 50% OF  
28 THE FAIR MARKET VALUE OF THE STRUCTURE MAY BE MADE TO EXISTING  
29 NONCONFORMING STRUCTURES LOCATED ADJACENT TO A DESIGNATED  
30 FLOODPLAIN WITHOUT FLOODPROOFING OR ELEVATING.

1                   **3112.5 SUBSTANTIAL IMPROVEMENTS ADJACENT TO A DESIGNATED**  
2                   **FLOODPLAIN.**

3                   **3112.5.1 RESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT, OF  
4                   SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING RESIDENTIAL  
5                   STRUCTURES LOCATED ADJACENT TO A DESIGNATED FLOODPLAIN SHALL BE  
6                   ELEVATED TO AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION.

7                   **3112.5.2 NONRESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT,  
8                   OF SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING  
9                   NONRESIDENTIAL STRUCTURES LOCATED ADJACENT TO A DESIGNATED  
10                  FLOODPLAIN SHALL BE ELEVATED TO AT LEAST 2 FEET ABOVE THE  
11                  100-YEAR FLOOD ELEVATION OR SHALL BE DESIGNED SO THAT ANY AREA OF  
12                  THE BUILDING WHICH IS LOWER THAN 2 FEET ABOVE THE 100-YEAR FLOOD  
13                  ELEVATION, AS DETERMINED OR APPROVED BY THE DEPARTMENT OF  
14                  PUBLIC WORKS, IS WATERTIGHT WITH WALLS SUBSTANTIALLY  
15                  IMPERMEABLE TO THE PASSAGE OF WATER AND WITH STRUCTURAL  
16                  COMPONENTS HAVING THE CAPABILITY OF WITHSTANDING APPLICABLE  
17                  HYDROSTATIC, HYDRODYNAMIC IMPACT, SOIL, AND, WHEN APPLICABLE,  
18                  HURRICANE AND TIDAL WAVE LOADING CONDITIONS. ELECTRICAL,  
19                  HEATING, VENTILATION, PLUMBING, AIR CONDITIONING EQUIPMENT, AND  
20                  OTHER SERVICE FACILITIES ASSOCIATED WITH THE BUILDINGS SHALL BE  
21                  DESIGNED OR LOCATED SO AS TO PREVENT WATER FROM ENTERING OR  
22                  ACCUMULATING WITHIN THE COMPONENTS DURING CONDITIONS OF  
23                  FLOODING. THE WATER TIGHTNESS AND STRUCTURAL CAPABILITIES SHALL  
24                  BE THOSE DESCRIBED IN FLOODPROOFING REGULATIONS PUBLISHED BY THE  
25                  OFFICE OF THE CHIEF OF ENGINEERS, U.S. ARMY, WASHINGTON, D.C.,  
26                  MARCH 1992.

27                  **3112.6 VERIFICATION.** FOR THE PURPOSE OF VERIFYING COMPLIANCE  
28                  WITH SECTION 3111.4 FOR CONSTRUCTION ADJACENT TO A DESIGNATED  
29                  FLOODPLAIN, THE FOLLOWING SHALL APPLY:

- 30                  (i)       WHEN FLOODPROOFING BY MEANS OTHER THAN ELEVATING, A  
31                  DOCUMENT STATING THAT THE PROPOSED CONSTRUCTION HAS BEEN



1 ADEQUATELY DESIGNED TO WITHSTAND THE LOADING CONDITIONS  
2 STATED IN SUBSECTION 3112.4.2(II) SHALL BE CERTIFIED BY A  
3 PROFESSIONAL ENGINEER OR ARCHITECT CURRENTLY REGISTERED IN  
4 MARYLAND. THIS DOCUMENT SHALL BE REQUIRED PRIOR TO  
5 ISSUANCE OF A BUILDING PERMIT.

6 (II) WHEN FLOODPROOFING BY ELEVATING IS USED, THE OWNER SHALL  
7 AGREE, IN WRITING, TO PROVIDE A FEMA ELEVATION CERTIFICATE  
8 FORM #81-31, COMPLETED BY A PROFESSIONAL ENGINEER OR  
9 PROFESSIONAL LAND SURVEYOR CURRENTLY REGISTERED IN  
10 MARYLAND, CERTIFYING THAT THE AS-BUILT LOWEST FLOOR OF THE  
11 STRUCTURE IS ELEVATED AT LEAST 2 FEET ABOVE THE 100-YEAR  
12 FLOODPLAIN ELEVATION. THE AGREEMENT SHALL BE MADE PRIOR  
13 TO THE ISSUANCE OF THE BUILDING PERMIT AND THE COMPLETED  
14 CERTIFICATION SHALL BE SUBMITTED PRIOR TO FOUNDATION  
15 APPROVAL BY THE BUILDING OFFICIAL.

16 (III) FAIR MARKET VALUE OF A STRUCTURE SHALL BE ESTABLISHED BY A  
17 RECENT (WITHIN 6 MONTHS) FORMAL APPRAISAL FROM A QUALIFIED  
18 APPRAISER. FAIR MARKET VALUE SHALL NOT INCLUDE LAND  
19 VALUE.

20 (IV) COST TO REPAIR OR IMPROVE A STRUCTURE SHALL BE ESTABLISHED  
21 BY A RECENT (WITHIN 6 MONTHS) WRITTEN ESTIMATE FROM A  
22 LICENSED CONTRACTOR AND SHALL INCLUDE THE COMPLETE COST  
23 OF REPAIRS OR IMPROVEMENTS TO THE POINT OF USE OR  
24 OCCUPANCY.

25 **3112.7 DEFINITIONS.**

26 **ACCESSORY STRUCTURE.** A DETACHED STRUCTURE ON THE SAME PARCEL  
27 OR PROPERTY AS THE PRINCIPAL STRUCTURE THAT HAS A USE THAT IS  
28 INCIDENTAL TO THE PRINCIPAL STRUCTURE INCLUDING, BUT NOT LIMITED  
29 TO, A SHED OR DETACHED GARAGE.

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

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

3 **FLOODPROOFING.** ANY COMBINATION OF ADDITIONS, CHANGES, OR  
4 ADJUSTMENTS TO A STRUCTURE WHICH REDUCE OR ELIMINATE FLOOD  
5 DAMAGE TO REAL ESTATE OR IMPROVED REAL PROPERTY, WATER OR  
6 SANITARY FACILITIES, OR STRUCTURES AND THEIR CONTENTS.

7 **HISTORIC STRUCTURE.** A BUILDING LISTED ON THE NATIONAL REGISTER  
8 OF HISTORIC PLACES, A STATE INVENTORY OF HISTORIC PLACES, OR AN  
9 INVENTORY OF HISTORIC STRUCTURES ADOPTED BY RESOLUTION OF THE  
10 COUNTY COUNCIL.

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

18 **MOBILE HOME.** A TRANSPORTABLE RESIDENTIAL STRUCTURE THAT IS  
19 BUILT ON A PERMANENT CHASIS AND DESIGNED FOR USE WITH OR WITHOUT  
20 A PERMANENT FOUNDATION WHEN CONNECTED TO THE REQUIRED UTILITIES.

21 **NEW CONSTRUCTION.** A STRUCTURE FOR WHICH:

- 22 (I) THE APPLICATION FOR A BUILDING PERMIT WAS RECEIVED BY THE  
23 DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS ON OR  
24 AFTER THE DATE OF ADOPTION OF THIS SUBSECTION, INCLUDING  
25 ANY SUBSEQUENT IMPROVEMENTS; OR
- 26 (II) IF NO BUILDING PERMIT IS NEEDED FOR THE STRUCTURE, THE  
27 STRUCTURE WAS BUILT, CONSTRUCTED, OR INSTALLED ON OR AFTER  
28 THE DATE OF ADOPTION OF THIS SUBSECTION, INCLUDING ANY  
29 SUBSEQUENT IMPROVEMENTS.

30 THE REPAIR OR REPLACEMENT OF A MOBILE HOME BECAUSE OF  
31 SUBSTANTIAL DAMAGE IS CONSIDERED TO BE NEW CONSTRUCTION.

1           **SUBSTANTIAL DAMAGE.** DAMAGE OF ANY ORIGIN SUSTAINED BY A  
2           STRUCTURE WHERE THE COST OF RETURNING THE STRUCTURE TO ITS  
3           CONDITION PRIOR TO DAMAGE WOULD EQUAL OR EXCEED 50% OF THE  
4           STRUCTURE'S FAIR MARKET VALUE BEFORE THE DAMAGE OCCURRED.  
5           **SUBSTANTIAL IMPROVEMENT.** THE REPAIR, RECONSTRUCTION, OR  
6           IMPROVEMENT OF A BUILDING OR STRUCTURE, THE COST OF WHICH IS  
7           EQUAL TO OR GREATER THAN 50% OF THE FAIR MARKET VALUE OF THE  
8           BUILDING OR STRUCTURE PRIOR TO DAMAGE, IMPROVEMENT, OR REPAIR.  
9           FOR THE PURPOSE OF THIS DEFINITION, "SUBSTANTIAL IMPROVEMENT"  
10          OCCURS WHEN THE FIRST ALTERATION OF A WALL, CEILING, FLOOR, OR  
11          OTHER STRUCTURAL PART OF THE BUILDING BEGINS, WHETHER OR NOT  
12          THAT ALTERATION AFFECTS THE EXTERNAL DIMENSIONS OF THE BUILDING  
13          OR STRUCTURE. THE TERM DOES NOT INCLUDE ANY PROJECT FOR  
14          IMPROVING A BUILDING OR STRUCTURE TO COMPLY WITH EXISTING STATE  
15          OR LOCAL HEALTH, SANITARY, OR HOUSING CODE REQUIREMENTS WHICH  
16          ARE NECESSARY TO ASSURE SAFE LIVING CONDITIONS. THIS TERM DOES NOT  
17          INCLUDE AN ALTERATION OF A HISTORIC STRUCTURE.

18          **VARIANCE.** THE GRANT OF RELIEF FROM A TERM OF THIS SUBTITLE.

19          **3112.8 VARIANCES AND WAIVERS.** A VARIANCE OR WAIVER OF THIS  
20          SECTION IS NOT ALLOWED.

21          **3112.9 OTHER AGENCIES.** A PERMIT ISSUED BY THE BUILDING OFFICIAL  
22          UNDER THIS SUBTITLE IS NOT VALID UNTIL ALL NECESSARY PERMITS FOR  
23          THE DEVELOPMENT ARE OBTAINED. RECEIPT OF FEDERAL OR STATE  
24          PERMITS DO NOT EXEMPT A DEVELOPMENT FROM THE PROVISIONS OF THIS  
25          SUBTITLE.

26          (72)    *SUBSECTION 3306.10 ACCESSIBILITY DURING CONSTRUCTION OPERATIONS.*

27          ADD NEW SUBSECTION 3306.10 AFTER SUBSECTION 3306.9 AS FOLLOWS:

28          **3306.10 ACCESSIBILITY DURING CONSTRUCTION OPERATIONS.** PRIOR TO  
29          AND DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE AND  
30          MAINTAIN AT ALL TIMES A MINIMUM 12 FOOT WIDE VEHICULAR ACCESS  
31          ROADWAY THAT WILL ALLOW THE UNIMPEDED MOVEMENT OF FIRE OR

1 EMERGENCY RESCUE VEHICLES FROM AN IMPROVED STREET TO WITHIN 200  
2 FEET OF THE MOST REMOTE BUILDING UNDER CONSTRUCTION ON THE SITE.  
3 THE VEHICULAR ACCESS ROADWAY SURFACE SHALL BE CRUSHER RUN,  
4 STONE BASE, BLACKTOP, OR OTHER SUITABLE COMPACTED SURFACE  
5 MATERIAL APPROVED BY THE BUILDING OFFICIAL.

6 (73) *SECTION 3314 CONSTRUCTION SITE GRADING.*

7 ADD NEW SECTION 3314 AFTER SECTION 3313 AS FOLLOWS:

8 **SECTION 3314 CONSTRUCTION SITE GRADING.**

9 **3314.1 LOT IMPROVEMENTS.** LOT IMPROVEMENTS SHALL PROVIDE:

- 10 (I) SUITABLE ACCESS FROM AN ABUTTING STREET TO DWELLINGS AND  
11 ACCESSORY BUILDINGS SUBJECT TO A PERMIT;
- 12 (II) GRADING WHICH WILL DIVERT WATER AWAY FROM BUILDINGS AND  
13 PREVENT STANDING WATER AND SOIL SATURATION DETRIMENTAL  
14 TO STRUCTURES OR LOT USE;
- 15 (III) DISPOSAL OF WATER FROM LOTS, EXCEPT AS NECESSARY FOR  
16 CONTROLLED IRRIGATION;
- 17 (IV) GRADES FOR SAFE AND CONVENIENT ACCESS TO AND AROUND  
18 BUILDINGS OR LOTS FOR USE AND MAINTENANCE; AND
- 19 (V) GRADES THAT DO NOT ADVERSELY AFFECT ADJOINING LOTS.

20 **3314.2 MINIMUM GRADIENT.** THE MINIMUM GRADIENT FOR CONCRETE OR  
21 OTHER IMPERVIOUS SURFACES SHALL BE 1/16 INCH PER FOOT (1/2%). THE  
22 MINIMUM GRADIENT FOR PERVIOUS SURFACES SHALL BE 1/4 INCH PER FOOT  
23 (2%).

24 **3314.3 MAXIMUM GRADIENT.** EXCEPT WHERE RESTRICTED BY PROPERTY  
25 LINES, THE MAXIMUM GRADIENT SHALL BE 2-1/2 INCHES (21%) FOR A  
26 MINIMUM OF 4 FEET AWAY FROM BUILDING WALLS. SLOPES NOT EXCEEDING  
27 30 INCHES SHALL BE 1-1/2 TO 1. SLOPES EXCEEDING 30 INCHES SHALL BE 2  
28 TO 1. THE TOP AND BOTTOM OF BANKS AT THE SWALES SHALL BE ROUNDED  
29 FOR CONVENIENT MAINTENANCE.

30 **3314.4 FINISH GRADING.** FOR AREAS WHERE THE INSTALLATION OF LAWN  
31 OR PLANTING IS REQUIRED, THE SURFACE LAYER OF THE SOIL SHALL BE

1 WORKABLE, FREE OF DEBRIS, AND LOT FINISHED GRADED TO COMPLY WITH  
2 GRADING DESIGN. FINISH GRADING SHALL BE DONE WHEN THE GROUND IS  
3 FROST-FREE AND THE WEATHER IS FAVORABLE. LAWN COVERS SHALL BE  
4 PROVIDED TO PREVENT THE EROSION OF SWALES AND SLOPES.

5 (74) *SECTION 3315 BURIAL OF CONSTRUCTION DEBRIS.*

6 ADD NEW SECTION 3315 AFTER SECTION 3314 AS FOLLOWS:

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

8 **3315.1 WHEN PROHIBITED OR PERMITTED.** THE BURIAL OF DEBRIS ON  
9 RESIDENTIAL LOTS EQUAL TO OR LESS THAN HALF AN ACRE IS PROHIBITED.  
10 BURIAL OF ORGANIC OR INORGANIC DEBRIS ON RESIDENTIAL LOTS GREATER  
11 THAN HALF AN ACRE MAY BE PERMITTED BY THE BUILDING OFFICIAL  
12 PROVIDED THAT THE DEBRIS IS GENERATED ON-SITE. BURIAL SHALL NOT BE  
13 LOCATED IN PROPOSED DRIVEWAYS OR PARKING AREAS AND SHALL NOT BE  
14 LOCATED CLOSER THAN 50 FEET FROM EXISTING OR PROPOSED BUILDINGS.

15 (75) *SUBSECTION 3401.1 SCOPE.*

16 ADD THE FOLLOWING EXCEPTION TO SUBSECTION 3401.1:

17 **EXCEPTION:** THE MARYLAND BUILDING REHABILITATION CODE, CODIFIED  
18 AT TITLE 12, SUBTITLE 10 OF THE PUBLIC SAFETY ARTICLE OF THE  
19 ANNOTATED CODE OF MARYLAND, SHALL GOVERN THE REHABILITATION OF  
20 EXISTING BUILDINGS IN HOWARD COUNTY.

21  
22 **SECTION 3.102. AMENDMENTS TO THE INTERNATIONAL RESIDENTIAL CODE, 2012**  
23 **EDITION.**

24 (A) *IN GENERAL.*

25 (1) AS USED IN THIS SECTION, THE TERM "THIS CODE" MEANS THE  
26 INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY  
27 DWELLINGS, 2012 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 R101.2 SCOPE.*  
8 ADD THE FOLLOWING AT THE END OF THE SUBSECTION:  
9 **R101.2.1 SUBDIVISION AND LAND DEVELOPMENT.** IF A SITE  
10 DEVELOPMENT PLAN IS REQUIRED BY THE HOWARD COUNTY SUBDIVISION  
11 REGULATIONS, A PERMIT SHALL NOT BE ISSUED UNTIL THE SITE  
12 DEVELOPMENT PLAN IS APPROVED UNLESS AUTHORIZED BY THE DIRECTOR  
13 OF PLANNING AND ZONING  
14 **R101.2.2 SITE WORK AND SAFEGUARDS.** THE REQUIREMENTS OF THE  
15 INTERNATIONAL BUILDING CODE, CHAPTER 33, SHALL APPLY FOR SITE  
16 WORK AND SAFEGUARDS DURING CONSTRUCTION.  
17 **R101.2.3 SWIMMING POOLS AND BARRIER REQUIREMENTS.** THE  
18 REQUIREMENTS OF APPENDIX G SHALL APPLY FOR THE DESIGN AND  
19 INSTALLATION OF SWIMMING POOLS AND BARRIERS.  
20 **EXCEPTION:** ALTERNATIVE DEVICES. NATURAL BARRIERS, POOL COVERS,  
21 OR OTHER PROTECTIVE DEVICES APPROVED BY THE BUILDING OFFICIAL  
22 SHALL BE AN ACCEPTABLE ENCLOSURE IF THE DEGREE OF PROTECTION  
23 AFFORDED BY THE SUBSTITUTED DEVICE OR STRUCTURE IS GREATER THAN  
24 THE PROTECTION AFFORDED BY THE ENCLOSURES, GATES, AND LATCHES  
25 DESCRIBED HEREIN.
- 26 (2) *SUBSECTION R102.2 OTHER LAWS.*  
27 ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:  
28 **R102.2.1 RESIDENTIAL SPRINKLER.** RESIDENTIAL SPRINKLER SYSTEMS  
29 INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.3 OF THE  
30 INTERNATIONAL BUILDING CODE, 2012 EDITION, ARE ALLOWED FOR

1 TOWNHOUSE SPRINKLER SYSTEMS REQUIRED BY THE FIRE LAWS CONTAINED  
2 IN THE PUBLIC SAFETY ARTICLE OF THE ANNOTATED CODE OF MARYLAND.

3 **R102.2.2 INDUSTRIALIZED (MODULAR) CONSTRUCTION.** THE  
4 CONSTRUCTION STANDARDS OF THE INDUSTRIALIZED BUILDING AND  
5 MANUFACTURED HOMES ACT, CODIFIED AT TITLE 12, SUBTITLE 3 OF THE  
6 PUBLIC SAFETY ARTICLE OF THE ANNOTATED CODE OF MARYLAND SHALL  
7 APPLY TO INDUSTRIALIZED (MODULAR) BUILDINGS.

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

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

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

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

29 ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

1 **R102.4.3** 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 **R102.4.4** 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 **R102.4.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE*  
8 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION  
9 CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY  
10 CODE.

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

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

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

23 **R102.4.9** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL*  
24 *MECHANICAL CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF  
25 HOWARD COUNTY ADOPTED PURSUANT TO SECTION 3.103 OF THIS  
26 SUBTITLE.

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

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



1 IN THIS SUBSECTION DELETE “*INTERNATIONAL PROPERTY MAINTENANCE*  
2 *CODE* OR THE *INTERNATIONAL FIRE CODE*” AND SUBSTITUTE “HOWARD  
3 COUNTY PROPERTY MAINTENANCE CODE FOR RENTAL HOUSING, HOWARD  
4 COUNTY FIRE PREVENTION CODE, AND THE MARYLAND BUILDING  
5 REHABILITATION CODE”.

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

7 INSERT AT THE BEGINNING OF THE FIRST SENTENCE:

8 “UNLESS EXCEPTED BY THE MARYLAND BUILDING REHABILITATION  
9 CODE,”.

10 (6) *SECTIONS R103 THROUGH R114.*

11 DELETE SECTIONS R103 THROUGH R114, INCLUSIVE AND IN THEIR  
12 ENTIRETY, AND SUBSTITUTE THE FOLLOWING:

13 **R103 ADMINISTRATION.** SECTIONS 103 THROUGH 118 OF THE  
14 INTERNATIONAL BUILDING CODE, 2012 EDITION, AS ADOPTED AND  
15 AMENDED IN THIS SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND  
16 ENFORCEMENT OF THIS CODE.

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

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

- 19 (I) IN THE COLUMN FOR “GROUND SNOW LOAD”, INSERT “25 LB”;
- 20 (II) IN THE COLUMN FOR “WIND DESIGN”, INSERT “90” UNDER “SPEED”  
21 AND “NO” UNDER “TOPOGRAPHIC EFFECTS”;
- 22 (III) IN THE COLUMN FOR “SEISMIC DESIGN CATEGORY”, INSERT “A”;
- 23 (IV) IN THE COLUMN FOR “SUBJECT TO DAMAGE FROM”, UNDER  
24 “WEATHERING” INSERT “SEVERE”, UNDER “FROST LINE DEPTH”  
25 INSERT “30” AND UNDER “TERMITE” INSERT “MDD-HEAVY”;
- 26 (V) IN THE COLUMN FOR “WINTER DESIGN”, INSERT “13”;
- 27 (VI) IN THE COLUMN FOR “ICE BARRIER UNDERLAYMENT REQUIRED”,  
28 INSERT “YES”;
- 29 (VII) IN THE COLUMN FOR “FLOOR HAZARDS”, INSERT “SEE FLOOD MAPS”;
- 30 (VIII) IN THE COLUMN FOR “AIR FREEZING INDEX” INSERT “500”; AND
- 31 (IX) IN THE COLUMN FOR “MEAN ANNUAL TEMP” INSERT “55”.

- 1 (8) *SUBSECTION R301.2.4 FLOODPLAIN CONSTRUCTION.*  
2 IN THIS SUBSECTION, DELETE “ASCE 24” AND SUBSTITUTE “SECTION 3112,  
3 FLOODPLAIN, OF THE HOWARD COUNTY BUILDING CODE”.
- 4 (9) *SUBSECTION R301.2.4.1 ALTERNATIVE PROVISIONS.*  
5 DELETE THIS SUBSECTION.
- 6 (10) *SUBSECTION R301.6 ROOF LOAD.*  
7 AFTER THE FIRST “LOAD” STRIKE THE REST OF THE SENTENCE AND  
8 SUBSTITUTE “OF 30 PSF AND NO REDUCTION FOR SLOPE”.
- 9 (11) *TABLE R301.6 MINIMUM ROOF LIVE LOADS*  
10 DELETE THE TABLE IN ITS ENTIRETY.
- 11 (12) *SUBSECTION R308.4.3 GLAZING IN WINDOWS.*  
12 IN NUMBER 4, ADD EXCEPTION NUMBER 4 “SAFETY GLAZE FILM IN  
13 ACCORDANCE WITH ANSI Z97.1”.
- 14 (13) *SUBSECTION R311.7.8.3 GRIP SIZE.*  
15 (I) IN NUMBER 1, DELETE “2 ¼ INCHES (57 MM)” AND SUBSTITUTE “3  
16 ¼ INCHES”; AND  
17 (II) IN NUMBER 2, DELETE “2 ¾ INCHES (70MM)” AND SUBSTITUTE “3 ¼  
18 INCHES”.
- 19 (14) *SUBSECTION R312.1.1 WHERE REQUIRED.*  
20 ADD THE FOLLOWING EXCEPTION:  
21 “ALTERNATIVE DESIGNS MAY BE APPROVED BY THE BUILDING OFFICIAL.”
- 22 (15) *SUBSECTION R320.1 SCOPE.*  
23 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:  
24 **R320.1 SCOPE.** ACCESSIBLE DWELLING UNITS SHALL COMPLY WITH THE  
25 PROVISIONS OF THE MARYLAND ACCESSIBILITY CODE.
- 26 (16) *SUBSECTION R322.1 GENERAL.*  
27 IN THIS SUBSECTION, DELETE “ASCE 24” AND SUBSTITUTE “SECTION 3112,  
28 FLOODPLAIN, OF THE HOWARD COUNTY BUILDING CODE”.
- 29 (17) *SECTION R324 SOUND TRANSMISSION.*  
30 ADD NEW SECTION R324 AFTER R323 AS FOLLOWS:

1 R324 SOUND TRANSMISSION. THE REQUIREMENTS OF APPENDIX K SHALL  
2 APPLY TO THE CONSTRUCTION OF ALL NEW RESIDENTIAL BUILDINGS.

3 (18) *APPENDIX K, SECTION AK102.1 GENERAL.*

4 IN THE FIRST SENTENCE, DELETE “45” AND SUBSTITUTE “50”.

5 (19) *APPENDIX K, SECTION AK103.1 GENERAL.*

6 IN THE FIRST SENTENCE, DELETE “45” AND SUBSTITUTE “50”.

7 (20) *SECTION R325 RADON CONTROL.*

8 ADD NEW SECTION R325 AFTER SECTION R324 AS FOLLOWS:

9 **SECTION R325 RADON CONTROL.** RADON CONTROL METHODS SET FORTH  
10 IN APPENDIX F, SHALL APPLY TO THE CONSTRUCTION OF NEW RESIDENTIAL  
11 BUILDINGS.

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

13 DELETE EXCEPTION NUMBERS 1 AND 3.

14 (22) *TABLE R404.1.2(3) MINIMUM VERTICAL REINFORCEMENT FOR 8-INCH  
15 NOMINAL FLAT BASEMENT WALLS.*

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

18 A. FOR MAXIMUM WALL HEIGHT OF 8 FEET AND MAXIMUM  
19 UNBALANCED BACKFILL HEIGHT OF 7 FEET, CHANGE THE  
20 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,  
21 MINIMUM NOMINAL WALL THICKNESS FROM “6 @ 36” TO  
22 “NR”; AND

23 B. FOR MAXIMUM WALL HEIGHT OF 9 FEET AND MAXIMUM  
24 UNBALANCED BACKFILL HEIGHT OF 7 FEET, CHANGE THE  
25 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,  
26 MINIMUM NOMINAL WALL THICKNESS FROM “6 @ 35” TO  
27 “NR”; AND

28 (23) *TABLE R404.1.2(4) MINIMUM VERTICAL REINFORCEMENT FOR 10-INCH  
29 NOMINAL FLAT BASEMENT WALLS.*

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

1 A MAXIMUM WALL HEIGHT OF 9 FEET AND A MAXIMUM UNBALANCED  
2 BACKFILL HEIGHT OF 8 FEET, CHANGE THE MINIMUM VERTICAL  
3 REINFORCEMENT SIZE AND SPACING MINIMUM WALL THICKNESS FROM “6@  
4 31” TO “NR”.

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

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

9 (I) IN THE SUB-COLUMN TITLED “MINIMUM NOMINAL WALL THICKNESS  
10 (INCHES)”, FOR 8 INCHES:

11 A. FOR MAXIMUM WALL HEIGHT OF 8 FEET AND MAXIMUM  
12 UNBALANCED BACKFILL HEIGHT OF 7 FEET, CHANGE THE  
13 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,  
14 MINIMUM NOMINAL WALL THICKNESS FROM “5 @ 41” TO  
15 “NR”; AND

16 B. FOR MAXIMUM WALL HEIGHT OF 9 FEET AND MAXIMUM  
17 UNBALANCED BACKFILL HEIGHT OF 7 FEET, CHANGE THE  
18 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,  
19 MINIMUM NOMINAL WALL THICKNESS FROM “5 @ 37” TO  
20 “NR”; AND

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

26 (25) *SUBSECTION R405.1 CONCRETE OR MASONRY FOUNDATIONS.*

27 AMEND THIS SUBSECTION AS FOLLOWS:

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

29 (II) ADD NEW SUBSECTION R405.1.2 AFTER SUBSECTION 405.1.1 AS  
30 FOLLOWS:

1                   **R405.1.2 FOUNDATION DRAINS.** SUBSOIL DRAINS HAVING A  
2                   MINIMUM 3 INCH DIAMETER OR OTHER APPROVED DRAINS OF  
3                   EQUIVALENT CROSS SECTIONAL AREA SHALL BE PROVIDED AROUND  
4                   FOUNDATIONS ENCLOSING USABLE SPACES LOCATED BELOW GRADE.  
5                   DRAINS SHALL BE INSTALLED ON THE EXTERIOR OF THE  
6                   FOUNDATION OR ON THE INTERIOR OF THE FOUNDATION WITH PIPES  
7                   OF AT LEAST A 2-INCH DIAMETER LEADING TO THE EXTERIOR EVERY  
8                   4 FEET AROUND THE PERIMETER OF THE FOUNDATION. IN EACH  
9                   CASE, THE TOP OF THE DRAIN SHALL BE BELOW THE BOTTOM OF  
10                  SLAB. DRAINS FOR POURED CONCRETE FOUNDATION MAY BE  
11                  PLACED ON TOP OF THE FOOTING. SUBSOIL DRAINS SHALL BE  
12                  COVERED WITH A MINIMUM OF A 4-INCH DEPTH OF GRAVEL OR  
13                  WASHED STONE AND BUILDING PAPER, FILTER CLOTH, OR OTHER  
14                  APPROVED MATERIAL. THE END OF A SUBSOIL DRAIN SHALL  
15                  DISCHARGE BY GRAVITY OR BY MECHANICAL MEANS TO AN  
16                  APPROVED DRAINAGE OUTFALL.

17                  (26)    *SUBSECTION R602.10.5 MINIMUM LENGTH OF A BRACED WALL PANEL.*

18                  AFTER THE FIRST SENTENCE INSERT THE FOLLOWING:

19                  WSP METHOD IS THE PREFERRED METHOD OF SHEATHING. IF A METHOD  
20                  OTHER THAN WSP METHOD IS USED, THEN DETAILED SITE-SPECIFIC PLANS  
21                  SHOWING THE SPECIFIC LOCATION, LENGTH, AND NAILING METHODS OF  
22                  PANELS AND WHETHER ANY SPECIALIZED EQUIPMENT/HARDWARE, ETC.  
23                  WILL BE REQUIRED. SUCH DETAILED PLANS SHALL ALWAYS BE REQUIRED,  
24                  EVEN IF UTILIZING THE WSP METHOD, FOR WALLS WITH LARGE-OPENINGS  
25                  (E.G. SUNROOM/MORNING ROOMS AND GARAGE OPENINGS). IN ADDITION,  
26                  ALL PROJECTS WITH SITE-SPECIFIC DETAILED PLANS (I.E. ALL PROJECTS NOT  
27                  BRACED IN ACCORDANCE WITH THE WSP METHOD AND THE PORTION OF  
28                  LARGE-OPENING WALL SECTIONS MENTIONED ABOVE) WILL REQUIRE  
29                  INSPECTION PRIOR TO THE INSTALLATION OF EXTERIOR WALL  
30                  WEATHERPROOFING (E.G. HOUSE WRAPS, SIDING, ETC).

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

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

2 (28) *SUBSECTION M1401.1.1 HVAC PERMIT REQUIRED.*

3 ADD NEW SUBSECTION M1401.1.1 AFTER SUBSECTION M1401.1 AS  
4 FOLLOWS:

5 **M1401.1.1 HVAC PERMIT REQUIRED.** A HVAC PERMIT IS REQUIRED FOR  
6 EVERY SYSTEM INSTALLED IN A NEW SINGLE FAMILY DWELLING OR NEW  
7 SINGLE FAMILY ADDITION.

8 (29) *SUBSECTION M1401.3.1 PLANS AND INFORMATION REQUIRED.*

9 ADD NEW SUBSECTION M1401.3.1 AFTER SUBSECTION M1401.3 AS  
10 FOLLOWS:

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

14 (I) AN INFORMATION BLOCK WITH THE:

- 15 A. SPECIFIC BUILDING ADDRESS (NOT LOT NUMBER);
- 16 B. NAME OF THE COMPANY OR PERSON DOING WORK;
- 17 C. NAME OF THE LICENSEE AND THEIR SIGNATURE;
- 18 D. STATE LICENSE REGISTRATION NUMBER;
- 19 E. SCALE USED; AND
- 20 F. NORTH ARROW;

21 (II) ROOMS, WINDOWS, EXTERIOR DOORS, OR OTHER RELEVANT  
22 CONSTRUCTION FEATURES INCLUDING, BUT NOT LIMITED TO,  
23 SKYLIGHTS, PORCHES, OR ATTIC ACCESS TO EQUIPMENT THAT MAY  
24 AFFECT THE INTEGRITY OF THE HVAC SYSTEM AND ITS  
25 INSTALLATION; AND

26 (III) A LINE DRAWING OF HVACR SYSTEM COMPONENTS SUPERIMPOSED  
27 ON THE PLAN SHOWING THE LOCATION, DIMENSION, AND RELEVANT  
28 ELEMENTS, INCLUDING, BUT NOT LIMITED TO:

- 29 A. INTERIOR OR EXTERIOR HVACR EQUIPMENT;
- 30 B. DUCT TRUNK LINES AND TRANSITIONS;

- 1 C. BRANCH DUCTS/RUN-OUTS, DAMPERS, AND REGISTERS WITH  
2 CFM RATINGS;  
3 D. THERMOSTATS;  
4 E. RETURN DUCTS AND GRILLS; AND  
5 F. DUCT INSULATION; AND  
6 (IV) A SUMMARY OF MANUAL J CALCULATIONS FOR THE PROPOSED  
7 WORK.

8 (30) *CHAPTER 24 THROUGH CHAPTER 43.*

9 DELETE THESE CHAPTERS, INCLUSIVE AND IN THEIR ENTIRETY.

10  
11 **SECTION 3.103. AMENDMENTS TO THE INTERNATIONAL MECHANICAL CODE, 2012**  
12 **EDITION.**

13 (A) *IN GENERAL.*

- 14 (1) AS USED IN THIS SECTION, THE TERM "THIS CODE" MEANS THE  
15 INTERNATIONAL MECHANICAL CODE, 2012 EDITION.  
16 (2) AS USED IN THIS CODE, THE TERM "BUILDING OFFICIAL" MEANS THE  
17 DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS  
18 OR THE DIRECTOR'S AUTHORIZED DESIGNEE.  
19 (3) WHERE THE NAME OF THE JURISDICTION IS TO BE INDICATED IN ANY  
20 SECTION OF THIS CODE, INSERT "HOWARD COUNTY".  
21 (4) AS USED IN THIS CODE, THE TERM "DEPARTMENT OF MECHANICAL  
22 INSPECTION" MEANS THE DEPARTMENT OF INSPECTIONS, LICENSES AND  
23 PERMITS.

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

- 26 (1) *SUBSECTION 101.2 SCOPE.*  
27 ADD A SECOND EXCEPTION TO THIS SUBSECTION AS FOLLOWS:  
28 EXCEPTION: EXISTING BUILDINGS UNDERGOING REPAIR, ALTERATION,  
29 ADDITION, OR CHANGE OF OCCUPANCY MAY COMPLY WITH THE MARYLAND  
30 REHABILITATION CODE.  
31 (2) *SUBSECTION 101.5 ADMINISTRATION.*

1 ADD NEW SUBSECTION 101.5 AFTER SUBSECTION 101.4 AS FOLLOWS:

2 **101.5 ADMINISTRATION.** SECTIONS 103 THROUGH 118 OF THE  
3 INTERNATIONAL BUILDING CODE, 2012 EDITION, ADOPTED IN THIS  
4 SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF  
5 THIS CODE.

6 (3) *SUBSECTION 101.6 REFERENCED CODES.*

7 ADD NEW SUBSECTION 101.6 AFTER SUBSECTION 101.5 AS FOLLOWS:

8 **101.6 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND  
9 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE  
10 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH  
11 REFERENCE.

12 **101.6.1** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL BUILDING*  
13 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE  
14 ADOPTED PURSUANT TO THIS SUBTITLE.

15 **101.6.2** WHENEVER IN THIS CODE THE TERM “*NFPA 70 NATIONAL*  
16 *ELECTRICAL CODE*” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR  
17 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

18 **101.6.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*  
19 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR  
20 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

21 **101.6.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE CODE*”  
22 IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION CODE  
23 ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY CODE.

24 **101.6.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*  
25 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR  
26 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

27 **101.6.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL ENERGY*  
28 *CONSERVATION CODE*” IS USED, IT SHALL MEAN THE ENERGY  
29 CONSERVATION CODE OF HOWARD COUNTY ADOPTED PURSUANT TO  
30 SECTION 3.104 OF THIS SUBTITLE.



1 **101.6.7** WHENEVER THIS CODE STATES “1612 OF THE INTERNATIONAL  
2 BUILDING CODE”, IN EACH INSTANCE STRIKE “1612 OF THE INTERNATIONAL  
3 BUILDING CODE” AND SUBSTITUTE “SECTION 3112 OF THE HOWARD  
4 COUNTY BUILDING CODE.”

5 (4) *SUBSECTION 102.1 GENERAL.*

6 ADD AN EXCEPTION TO SUBSECTION 102.1 AS FOLLOWS:

7 **EXCEPTION:** ALTERNATIVE FEATURES WHICH ARE ACCEPTED BY THE  
8 BUILDING OFFICIAL SHALL BE CONSIDERED IN CONFORMANCE WITH ALL  
9 CODES, PROVIDED THAT THE OVERALL LEVEL OF HEALTH, SAFETY AND  
10 WELFARE OF THE CODE REQUIREMENT IS NOT DIMINISHED BY THE  
11 ALTERNATIVE FEATURE.

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

13 DELETE SECTION 103 THROUGH SECTION 109, INCLUSIVE AND IN THEIR  
14 ENTIRETY.

15 (6) *SUBSECTION 301.16 FLOOD HAZARD.*

16 IN THE EXCEPTION TO THIS SUBSECTION, DELETE “*INTERNATIONAL BUILDING*  
17 *CODE*” AND SUBSTITUTE “SECTION 3112 OF THE HOWARD COUNTY  
18 BUILDING CODE.”

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

20 IN THE THIRD SENTENCE, DELETE “THE APPLICABLE PROVISIONS OF CHAPTER  
21 7 OF”.

22  
23 **SECTION. 3.104. AMENDMENTS TO THE ENERGY CONSERVATION CODE, 2012 EDITION.**

24 (A) *IN GENERAL.*

25 (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE  
26 INTERNATIONAL ENERGY CONSERVATION CODE, 2012 EDITION.

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

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

1 (B) LOCAL AMENDMENTS. THE FOLLOWING AMENDMENTS MODIFY CERTAIN PROVISIONS  
2 OF THE ADOPTED CODE:

3 (1) SUBSECTION C101.1 TITLE.

4 DELETE THIS SUBSECTION AND INSERT THE FOLLOWING:

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

7 (2) SUBSECTION C101.6 REFERENCED CODES.

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

9 **C101.6 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 **C101.6.1** 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 **C101.6.2** 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 **C101.6.3** 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 **C101.6.4** 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 **C101.6.5** 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 **C101.6.6** 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 (3) *SECTION C101.7 ADMINISTRATION.*

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

5 **C101.7 ADMINISTRATION:** SECTIONS 103 THROUGH 118 OF THE  
6 INTERNATIONAL BUILDING CODE, 2012 EDITION, ADOPTED IN THIS  
7 SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF  
8 THIS CODE.

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

10 DELETE SECTIONS C103 THROUGH C 109, INCLUSIVE AND IN THEIR  
11 ENTIRETY.

12 (5) *SECTION C 202 GENERAL DEFINITIONS.*

13 DELETE THE DEFINITION OF “CODE OFFICIAL”.

14 (6) *SUBSECTION R 101.1 TITLE.*

15 DELETE THIS SUBSECTION AND INSERT THE FOLLOWING:

16 **R101.1 TITLE.** THESE REGULATIONS SHALL BE KNOWN AS THE ENERGY  
17 CONSERVATION CODE OF HOWARD COUNTY.

18 (7) *SUBSECTION R101.6 REFERENCED CODES.*

19 ADD NEW SUBSECTION R101.6 AFTER SUBSECTION R101.5 AS FOLLOWS:

20 **R101.6 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND  
21 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE  
22 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH  
23 REFERENCE.

24 **R101.6.1** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL BUILDING*  
25 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE  
26 ADOPTED PURSUANT TO THIS SUBTITLE.

27 **R101.6.2** WHENEVER IN THIS CODE THE TERM “*NFPA 70 NATIONAL*  
28 *ELECTRICAL CODE*” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR  
29 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

1 **R101.6.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*  
2 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR  
3 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

4 **R101.6.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE*  
5 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION  
6 CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY  
7 CODE.

8 **R101.6.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*  
9 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR  
10 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

11 **R101.6.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL*  
12 *MECHANICAL CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF  
13 HOWARD COUNTY ADOPTED PURSUANT TO SECTION 3.103 OF THIS  
14 SUBTITLE.

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

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

17 **R101.7 ADMINISTRATION:** SECTIONS 103 THROUGH 118 OF THE  
18 INTERNATIONAL BUILDING CODE, 2012 EDITION, ADOPTED IN THIS  
19 SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF  
20 THIS CODE.

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

22 DELETE SECTIONS R103 THROUGH R 109, INCLUSIVE AND IN THEIR  
23 ENTIRETY.

24 (10) *SECTION R202 GENERAL DEFINITIONS.*

25 DELETE THE DEFINITION OF “CODE OFFICIAL”.

26  
27 ***Section 2. And Be It Further Enacted by the County Council of Howard County,***  
28 ***Maryland, that this Act shall become effective 61 days after its enactment.***