

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

## County Council Of Howard County, Maryland

2010 Legislative Session

Legislative Day No. 2

### Bill No. 5 -2010

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

AN ACT adopting the International Building Code, 2009, the International Residential Code, 2009, the International Mechanical Code, 2009, and the International Energy Conservation Code, 2009; 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; adopting the 2009 edition of the National Standard Plumbing Code Illustrated and the National Fuel Gas Code (NFPA 54-2009), as the Plumbing and Gasfitting Code for Howard County; regulating the design, construction, alteration, improvement, or modification of plumbing and gasfitting systems; adopting local amendments to the Plumbing and Gasfitting Code; altering the period certain types of plumbing permits remain in effect; making certain technical corrections; and generally relating to building and construction regulations in Howard County.

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Introduced and read first time \_\_\_\_\_, 2010. 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 \_\_\_\_\_, 2010.

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

This Bill was read the third time on \_\_\_\_\_, 2010 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 \_\_\_\_\_, 2010 at \_\_\_\_ a.m./p.m.

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

Approved by the County Executive \_\_\_\_\_, 2010

\_\_\_\_\_  
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  
2 Section 3.100. “Howard County Building Code; adoption of international codes”,  
3 Section 3.101 “Amendments to the International Building Code, 2006 Edition”, Section  
4 3.102 “Amendments to the International Residential Code, 2006 Edition”, Section 3.103  
5 “Amendments to the International Mechanical Code, 2006 Edition” and Section 3.104  
6 “Amendments to the International Energy Conservation Code, 2006 Edition”; all of  
7 Subtitle 1 “Building Code” and Section 3.302 “Adoption of plumbing and gasfitting  
8 code” of Subtitle 3 “Plumbing and gasfitting regulations”; all of Title 3 “Buildings” of  
9 the Howard County Code are hereby repealed.

10  
11 **Section 2. And Be It Further Enacted** by the County Council of Howard County,  
12 Maryland, that Section 3.100 “Howard County Building Code; adoption of international  
13 codes”, Section 3.101 “Amendments to the International Building Code, 2009 Edition”,  
14 Section 3.102 “Amendments to the International Residential Code, 2009 Edition”,  
15 Section 3.103 “Amendments to the International Mechanical Code, 2009 Edition” and  
16 Section 3.104 “Amendments to the International Energy Conservation Code, 2009  
17 Edition” are added to Subtitle 1 “Building Code” of Title 3 “Buildings” of the Howard  
18 County Code to read as follows:

19  
20 **Title 3. Buildings.**

21 **Subtitle 1. Building code.**

22  
23 **SECTION 3.100. HOWARD COUNTY BUILDING CODE; ADOPTION OF INTERNATIONAL**  
24 **CODES.**

25 (A) *IN GENERAL.* EXCEPT AS AMENDED IN SECTIONS 3.101, 3.102, 3.103, AND 3.104 OF  
26 THIS SUBTITLE, THE CODES ENUMERATED IN THIS SECTION ARE HEREBY ADOPTED AS  
27 THE HOWARD COUNTY BUILDING CODE AS IF THE CODES WERE SET OUT IN FULL IN  
28 THIS SECTION.

29 (B) *ADOPTED CODES.*

30 (1) THE INTERNATIONAL BUILDING CODE, 2009 EDITION, PUBLISHED BY THE  
31 INTERNATIONAL CODE COUNCIL, INC.

- 1 (2) THE INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY  
2 DWELLINGS, 2009 EDITION, PUBLISHED BY THE INTERNATIONAL CODE  
3 COUNCIL, INC.
- 4 (3) THE INTERNATIONAL MECHANICAL CODE, 2009 EDITION, PUBLISHED BY  
5 THE INTERNATIONAL CODE COUNCIL, INC.
- 6 (4) THE INTERNATIONAL ENERGY CONSERVATION CODE, 2009 EDITION,  
7 PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, INC.
- 8 (5) THE LIFE SAFETY CODE, 2009 EDITION, PUBLISHED BY THE NATIONAL FIRE  
9 PROTECTION ASSOCIATION.
- 10 (6) THE HOWARD COUNTY ELECTRICAL CODE, ADOPTED PURSUANT TO TITLE  
11 3, SUBTITLE 2 OF THE HOWARD COUNTY CODE.
- 12 (7) THE PLUMBING AND GASFITTING CODE FOR HOWARD COUNTY ADOPTED  
13 PURSUANT TO TITLE 3, SUBTITLE 3 OF THE HOWARD COUNTY CODE.
- 14 (8) THE MARYLAND STATE ACCESSIBILITY CODE.
- 15 (9) THE HOWARD COUNTY SIGN CODE, ADOPTED PURSUANT TO TITLE 3,  
16 SUBTITLE 5 OF THE HOWARD COUNTY CODE.

17

18 **SECTION 3.101. AMENDMENTS TO THE INTERNATIONAL BUILDING CODE, 2009**  
19 **EDITION.**

20 (A) *IN GENERAL.*

- 21 (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE  
22 INTERNATIONAL BUILDING CODE, 2009 EDITION.
- 23 (2) AS USED IN THIS CODE, THE TERM “BUILDING OFFICIAL” MEANS THE  
24 DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS  
25 OR THE DIRECTOR’S AUTHORIZED DESIGNEE.
- 26 (3) WHERE THE NAME OF THE JURISDICTION IS TO BE INDICATED IN ANY  
27 SECTION OF THIS CODE, INSERT “HOWARD COUNTY”.
- 28 (4) AS USED IN THIS CODE, THE TERM “DEPARTMENT OF BUILDING SAFETY”  
29 MEANS THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS.

30 (B) *LOCAL AMENDMENTS.* THE FOLLOWING AMENDMENTS MODIFY CERTAIN PROVISIONS  
31 OF THE ADOPTED CODE.

- 1           (1)    *SUBSECTION 101.1 TITLE.*  
2                    DELETE THIS SUBSECTION.
- 3           (2)    *SUBSECTION 101.2 SCOPE.*  
4                    DELETE THE EXCEPTION AND SUBSTITUTE THE FOLLOWING:  
5                    **EXCEPTION 1:** DETACHED ONE-FAMILY AND TWO-FAMILY DWELLINGS AND  
6                    MULTIPLE SINGLE-FAMILY DWELLINGS (TOWNHOUSES) NOT MORE THAN  
7                    THREE STORIES HIGH WITH SEPARATE MEANS OF EGRESS AND THEIR  
8                    ACCESSORY STRUCTURES SHALL COMPLY WITH THE INTERNATIONAL  
9                    RESIDENTIAL CODE AND SECTION 3111 OF CHAPTER 31, SPECIAL  
10                   CONSTRUCTION, OF THIS CODE.  
11                   **EXCEPTION 2:** EXISTING BUILDINGS UNDERGOING REPAIR, ALTERATION,  
12                   ADDITION, OR CHANGE OF OCCUPANCY MAY COMPLY WITH THE MARYLAND  
13                   REHABILITATION CODE.  
14                   **EXCEPTION 3: AGRICULTURAL BUILDINGS.** THE PROVISIONS OF THIS  
15                   CODE SHALL NOT APPLY TO THE CONSTRUCTION, ALTERATION, ADDITION,  
16                   REPAIR, REMOVAL, DEMOLITION, USE, LOCATION, OR MAINTENANCE OF  
17                   AGRICULTURAL BUILDINGS. THIS PROVISION DOES NOT EXEMPT THE OWNER  
18                   OF AN AGRICULTURAL BUILDING FROM OBTAINING REQUIRED ELECTRICAL  
19                   OR PLUMBING PERMITS OR FROM COMPLYING WITH ALL OTHER APPLICABLE  
20                   LOCAL, STATE, AND FEDERAL REGULATIONS, LAWS, AND ORDINANCES.
- 21          (3)    *SUBSECTION 101.3.1 NATURE OF CERTAIN ACTIONS.*  
22                    ADD NEW SUBSECTION 101.3.1 AFTER SUBSECTION 101.3 AS FOLLOWS:  
23                    **101.3.1.NATURE OF CERTAIN ACTIONS.** THE PURPOSE OF ACTIONS TAKEN  
24                    BY THE JURISDICTION PURSUANT TO THIS CODE ARE PURELY  
25                    GOVERNMENTAL IN NATURE AND ARE CONDUCTED SOLELY FOR THE PUBLIC  
26                    BENEFIT. ACTIONS TAKEN PURSUANT TO THIS CODE ARE NOT TO BE  
27                    CONSTRUED AS PROVIDING ANY WARRANTY OF DESIGN OR CONSTRUCTION  
28                    TO ANY PERSON.
- 29          (4)    *SUBSECTION 101.4 REFERENCED CODES.*  
30                    IN THE FIRST PARAGRAPH, DELETE “101.4.6” AND SUBSTITUTE “101.4.10”.
- 31          (5)    *SUBSECTION 101.4.1 GAS.*

1 DELETE SUBSECTION 101.4.1 AND SUBSTITUTE THE FOLLOWING:

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

6 (6) *SUBSECTION 101.4.2 MECHANICAL.*

7 DELETE SUBSECTION 101.4.2 AND SUBSTITUTE THE FOLLOWING:

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

12 (7) *SUBSECTION 101.4.3 PLUMBING.*

13 DELETE SUBSECTION 101.4.3 AND SUBSTITUTE THE FOLLOWING:

14 **101.4.3 PLUMBING.** WHENEVER THE TERM “*INTERNATIONAL PLUMBING*  
15 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR  
16 HOWARD COUNTY ADOPTED PURSUANT TO TITLE 3, SUBTITLE 3 OF THE  
17 HOWARD COUNTY CODE AND WHENEVER THE TERM “*INTERNATIONAL*  
18 *PRIVATE SEWAGE DISPOSAL CODE*” IS USED IT SHALL MEAN HOWARD  
19 COUNTY WATER AND SEWER REGULATIONS ADOPTED IN TITLE 18, SUBTITLE  
20 1, SUBTITLE 12, AND SUBTITLE 15 AND IN TITLE 12, SUBTITLE 1 OF THE  
21 HOWARD COUNTY CODE.

22 (8) *SUBSECTION 101.4.4 PROPERTY MAINTENANCE.*

23 DELETE SUBSECTION 101.4.4 AND SUBSTITUTE THE FOLLOWING:

24 **101.4.4 PROPERTY MAINTENANCE.** WHENEVER THE TERM  
25 “*INTERNATIONAL PROPERTY MAINTENANCE CODE*” IS USED IT SHALL MEAN  
26 THE HOWARD COUNTY PROPERTY MAINTENANCE CODE FOR RENTAL  
27 HOUSING ADOPTED PURSUANT TO TITLE 3, SUBTITLE 7 OF THE HOWARD  
28 COUNTY CODE.

29 (9) *SUBSECTION 101.4.5 FIRE PREVENTION.*

30 DELETE SUBSECTION 101.4.5 AND SUBSTITUTE THE FOLLOWING:

1           **101.4.5 FIRE PREVENTION.** WHENEVER THE TERM “*INTERNATIONAL FIRE*  
2           *PREVENTION CODE*” IS USED IT SHALL MEAN THE HOWARD COUNTY FIRE  
3           PREVENTION CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE  
4           HOWARD COUNTY CODE.

5           (10)   *SUBSECTION 101.4.6 ENERGY.*

6           DELETE SUBSECTION 101.4.6 AND SUBSTITUTE THE FOLLOWING:

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

11          (11)   *SUBSECTIONS 101.4.7 ELECTRICAL.*

12          ADD NEW SUBSECTION 101.4.7 AFTER SUBSECTION 101.4.6 AS FOLLOWS:

13          **101.4.7 ELECTRICAL.** WHENEVER THE TERM “*NFPA 70 NATIONAL*  
14          *ELECTRICAL CODE*” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR  
15          HOWARD COUNTY ADOPTED PURSUANT TO TITLE 3, SUBTITLE 2 OF THE  
16          HOWARD COUNTY CODE.

17          (12)   *SUBSECTION 101.4.8 ACCESSIBILITY.*

18          ADD NEW SUBSECTION 101.4.8 AFTER SUBSECTION 101.4.7 AS FOLLOWS:

19          **101.4.8 ACCESSIBILITY.** THE PROVISIONS OF THE MARYLAND  
20          ACCESSIBILITY CODE SHALL APPLY TO ALL MATTERS AFFECTING  
21          HANDICAPPED ACCESSIBILITY AND USE OF BUILDINGS AND SITES.

22          (13)   *SUBSECTION 101.4.9 SIGNS.*

23          ADD NEW SUBSECTION 101.4.9 AFTER SUBSECTION 101.4.8 AS FOLLOWS:

24          **101.4.9 SIGNS.** THE PROVISIONS OF TITLE 3, SUBTITLE 5 OF THE HOWARD  
25          COUNTY CODE SHALL APPLY TO THE LOCATION, INSTALLATION, AND  
26          MAINTENANCE OF SIGNS IN HOWARD COUNTY.

27          (14)   *SUBSECTION 101.4.10 RESIDENTIAL CODE.*

28          ADD NEW SUBSECTION 101.4.10 AFTER SUBSECTION 101.4.9 AS FOLLOWS:

29          **101.4.10 RESIDENTIAL.** WHENEVER THE TERM “*INTERNATIONAL*  
30          *RESIDENTIAL CODE*” IS USED, IT SHALL MEAN THE RESIDENTIAL CODE FOR

ONE-AND TWO-FAMILY DWELLINGS OF HOWARD COUNTY ADOPTED  
PURSUANT TO SECTION 3.102 OF THIS SUBTITLE.

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

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

**“SECTION 103  
ENFORCEMENT AGENCY”**

(16) *SUBSECTION 103.1 CREATION OF ENFORCEMENT AGENCY.*

DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

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

(17) *SUBSECTION 103.2 APPOINTMENT.*

DELETE THIS SUBSECTION.

(18) *SUBSECTION 103.3 DEPUTIES.*

DELETE THIS SUBSECTION.

(19) *SUBSECTION 104.1.1 RULE-MAKING AUTHORITY.*

ADD NEW SUBSECTION 104.1.1 AFTER SUBSECTION 104.1 AS FOLLOWS:

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

(20) *SUBSECTION 104.8 LIABILITY.*

IN THE NEXT TO THE LAST SENTENCE OF THIS SUBSECTION, DELETE “LEGAL  
REPRESENTATION OF THE JURISDICTION UNTIL THE FINAL TERMINATION OF

1 THE PROCEEDINGS” AND SUBSTITUTE “HOWARD COUNTY IN ACCORDANCE  
2 WITH MARYLAND LAW”.

3 (21) SUBSECTION *105.1.1 ANNUAL PERMIT*.

4 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

5 **105.1.1. MASTER PERMIT.** INSTEAD OF AN INDIVIDUAL PERMIT FOR EACH  
6 ALTERATION TO AN ALREADY APPROVED BUILDING, ELECTRICAL, FIRE, GAS,  
7 MECHANICAL, OR PLUMBING INSTALLATION, THE BUILDING OFFICIAL MAY  
8 ISSUE A MASTER PERMIT UPON APPLICATION BY ANY PERSON, FIRM, OR  
9 CORPORATION REGULARLY EMPLOYING ONE OR MORE QUALIFIED  
10 PROFESSIONAL OR TRADESPERSON IN THE BUILDING, STRUCTURE, OR ON THE  
11 PREMISES OWNED OR OPERATED BY THE APPLICANT.

12 (22) SUBSECTION *105.1.2 ANNUAL PERMIT RECORDS*.

13 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

14 **105.1.2. MASTER PERMIT RECORDS.** A PERSON WHO IS ISSUED A MASTER  
15 PERMIT SHALL KEEP A DETAILED RECORD OF ALTERATIONS MADE UNDER  
16 THE MASTER PERMIT. THE BUILDING OFFICIAL SHALL HAVE ACCESS TO THE  
17 RECORDS AT ALL TIMES OR THE RECORDS SHALL BE FILED WITH THE  
18 BUILDING OFFICIAL. THE BUILDING OFFICIAL MAY PERIODICALLY INSPECT  
19 WORK THAT HAS BEEN PERFORMED UNDER A MASTER PERMIT.

20 (23) SUBSECTION *105.1.2.1 BUILDING CODE COMPLIANCE ASSURANCE MANUAL*.

21 ADD NEW SUBSECTION 105.1.2.1 AFTER SUBSECTION 105.1.2 AS FOLLOWS:

22 **105.1.2.1. BUILDING CODE COMPLIANCE ASSURANCE MANUAL.** AN  
23 APPLICANT FOR A MASTER PERMIT SHALL PROVIDE TO THE BUILDING  
24 OFFICIAL A BUILDING CODE COMPLIANCE ASSURANCE MANUAL THAT  
25 SHALL INCLUDE THE FOLLOWING:

- 26 (I) A STATEMENT OF THE POLICIES AND PROCEDURES THAT WILL BE  
27 USED TO MONITOR AND CONTROL THE ALTERATION AND  
28 RENOVATION PROCESS TO ASSURE COMPLIANCE WITH THE HOWARD  
29 COUNTY CODE;
- 30 (II) A DESCRIPTION OF HOW THE APPLICANT ASSURES CODE  
31 COMPLIANCE BY ADHERING TO WRITTEN PROCEDURES OF QUALIFIED



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

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- B. INTERIOR:
  - 1. INSTALLATION OF RADON SYSTEMS;
  - 2. PAINTING, WALLPAPERING, OR FLOOR COVERING;
  - 3. INSTALLATION OF KITCHEN OR BATHROOM CABINETS, COUNTER TOPS, APPLIANCES, OR FIXTURES;
  - 4. REPLACEMENT OF PANELING OR WALLBOARD;
  - 5. REPLACEMENT OF DOORS WHEN THERE IS NO CHANGE IN THE ROUGH OPENING SIZE;
  - 6. INSTALLATION OF INSULATION;
  - 7. INSTALLATION OF BURGLAR, FIRE, AND OTHER ALARM SYSTEMS AND SMOKE DETECTORS;
  - 8. REPLACEMENT OF ELECTRIC WATER HEATERS; OR
  - 9. INSTALLATION OF CEILING FANS, LIGHT FIXTURES, OR RECEPTACLES.
  
- C. THE FOLLOWING ADDITIONAL STRUCTURES:
  - 1. ONE STORY DETACHED ACCESSORY STRUCTURES CONTAINING LESS THAN 200 SQUARE FEET IN AREA INCLUDING, BUT NOT LIMITED TO, STORAGE SHEDS, KIOSKS, GAZEBOS, ARBORS, OR PLAYHOUSES;
  - 2. INSTALLATION OF GREENHOUSES;
  - 3. INSTALLATION OF TENTS OR CANOPIES;
  - 4. INSTALLATION OF FENCES, UNLESS THE FENCE IS OVER 6 FEET HIGH OR ENCLOSES A SWIMMING POOL;  
OR
  - 5. INSTALLATION OF MAILBOXES.
  
- D. SITE WORK:
  - 1. PAVING DRIVEWAYS;
  - 2. INSTALLATION OF PATIOS, SIDEWALKS, OR LANDSCAPING;



- 1 A. EXCEPT AS PROVIDED IN PARAGRAPH B OF THIS SUBSECTION,  
2 2 SETS OF CONSTRUCTION DOCUMENTS DRAWN TO SCALE  
3 WITH SUFFICIENT CLARITY AND DETAIL TO SHOW THE  
4 NATURE AND CHARACTER OF THE WORK TO BE PERFORMED  
5 INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:  
6 1. PLANS OF EACH FLOOR LEVEL;  
7 2. 4 ELEVATIONS AND TYPICAL CROSS SECTIONS; AND  
8 3. 7 COPIES OF PLOT PLANS OR 2 COPIES OF THE  
9 APPROVED SITE DEVELOPMENT PLAN WHEN A SITE  
10 DEVELOPMENT PLAN IS REQUIRED BY THE HOWARD  
11 COUNTY SUBDIVISION REGULATIONS.
- 12 B. 1. THE BUILDING OFFICIAL MAY WAIVE THE  
13 REQUIREMENTS SET FORTH IN PARAGRAPH A OF THIS  
14 SUBSECTION FOR:  
15 I. ALTERATIONS; OR  
16 II. OTHER STRUCTURES ACCESSORY TO A ONE-  
17 OR TWO-FAMILY DWELLING CONTAINING  
18 LESS THAN 200 SQUARE FEET TOTAL AREA.  
19 2. WHERE WAIVED, THE APPLICATION SHALL BE  
20 ACCOMPANIED BY 5 COPIES OF PLOT PLANS OR 2  
21 COPIES OF THE APPROVED SITE DEVELOPMENT PLAN  
22 WHEN A SITE DEVELOPMENT PLAN IS REQUIRED BY  
23 THE HOWARD COUNTY SUBDIVISION REGULATIONS.
- 24 (II) EXCEPT AS SET FORTH IN ITEMS B AND C OF THIS SUBPARAGRAPH,  
25 DOCUMENTS SUBMITTED FOR NEW NON-RESIDENTIAL BUILDINGS,  
26 ADDITIONS, OR ALTERATIONS TO BUILDINGS OTHER THAN DETACHED  
27 ONE- OR TWO-FAMILY DWELLINGS SHALL INCLUDE THE FOLLOWING  
28 ADDITIONAL INFORMATION:  
29 A. 3 COMPLETE SETS OF ARCHITECTURAL, STRUCTURAL,  
30 MECHANICAL (INCLUDING HEATING, VENTILATION, AND AIR



1 REQUIRED BY THE HOWARD COUNTY SUBDIVISION REGULATIONS, A PERMIT  
2 SHALL NOT BE ISSUED UNTIL THE SITE DEVELOPMENT PLAN IS APPROVED.

3 (29) *SUBSECTION 109.2 SCHEDULE OF PERMIT FEES.*

4 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

5 **109.2 SCHEDULE OF PERMIT FEES.** THE COUNTY COUNCIL SHALL  
6 ANNUALLY ADOPT, BY RESOLUTION, A SCHEDULE OF FEES FOR BUILDING,  
7 ELECTRICAL, PLUMBING, MECHANICAL, FIRE PROTECTION, AND GRADING  
8 PERMITS ISSUED BY THE DEPARTMENT OF INSPECTIONS, LICENSES AND  
9 PERMITS.

10 (30) *SUBSECTION 109.2.1 FEE EXEMPTIONS.*

11 ADD NEW SUBSECTION 109.2.1 AFTER SUBSECTION 109.2 AS FOLLOWS:

12 **109.2.1 FEE EXEMPTIONS.** WORK ON BUILDINGS AND STRUCTURES OWNED  
13 AND OPERATED BY THE HOWARD COUNTY GOVERNMENT, HOWARD  
14 COMMUNITY COLLEGE, HOWARD COUNTY VOLUNTEER FIRE  
15 CORPORATIONS, THE HOWARD COUNTY FAIR ASSOCIATION, OR THE  
16 HOWARD COUNTY BOARD OF EDUCATION ARE EXEMPT FROM PERMIT FEES.

17 (31) *SUBSECTION 109.5.1 REINSPECTION FEES.*

18 ADD NEW SUBSECTION 109.5.1 AFTER SUBSECTION 109.5 AS FOLLOWS:

19 **109.5.1 REINSPECTION FEES.** A REINSPECTION FEE SHALL BE CHARGED  
20 FOR EACH REINSPECTION IF THE WORK HAS TO BE REINSPECTED BECAUSE:

- 21 (I) THE WORK WAS NOT READY FOR INSPECTION AT THE PRE-ARRANGED  
22 TIME FOR INSPECTION;
- 23 (II) THE INSPECTOR DID NOT HAVE ACCESS TO THE WORK AT THE PRE-  
24 ARRANGED TIME FOR INSPECTION;
- 25 (III) THE INSPECTOR HAD TO RETURN MORE THAN ONCE TO INSPECT A  
26 CORRECTION OF THE SAME VIOLATION OF THIS CODE; OR
- 27 (IV) THE INSPECTOR DISCOVERS A FLAGRANT NON-COMPLIANCE DURING  
28 A REQUESTED INSPECTION, INCLUDING BUT NOT LIMITED TO:
- 29 A. CUT OR BROKEN TRUSSES OR JOISTS;
- 30 B. MISSING LOAD BEARING STUDS; OR
- 31 C. THE OMISSION OF FIRE STOPPING.

1 (32) *SUBSECTION 110.3 REQUIRED INSPECTIONS.*

2 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

3 **110.3 REQUIRED INSPECTIONS.** AFTER ISSUING A BUILDING PERMIT, THE  
4 BUILDING OFFICIAL SHALL CONDUCT INSPECTIONS FROM TIME TO TIME  
5 DURING AND UPON COMPLETION OF THE WORK FOR WHICH THE PERMIT HAS  
6 BEEN ISSUED. RECORDS OF INSPECTIONS AND VIOLATIONS SHALL BE  
7 MAINTAINED BY THE BUILDING OFFICIAL. AN INSPECTION MAY INCLUDE  
8 ANY OF THE INSPECTIONS AS SET FORTH IN SUBSECTIONS 110.3.1 THROUGH  
9 110.3.10 OF THIS SECTION.

10 (33) *SUBSECTION 111.1 USE AND OCCUPANCY.*

11 AFTER THE FIRST SENTENCE, INSERT THE FOLLOWING:

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

26 (34) *SUBSECTION 111.2 CERTIFICATE ISSUED.*

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

29 (35) *SECTION 113 BOARD OF APPEALS.*

30 DELETE THIS SECTION AND SUBSTITUTE THE FOLLOWING:

31 **SECTION 113 MEANS OF APPEAL.**

1                   **113.1 APPLICATION FOR APPEAL.** EXCEPT FOR A NOTICE OF VIOLATION, A  
2 PERSON MAY APPEAL THE APPROVAL, DENIAL, REVOCATION, SUSPENSION,  
3 OR EXTENSION OF A PERMIT TO A HEARING EXAMINER OF THE HOWARD  
4 COUNTY BOARD OF APPEALS. AN APPLICATION FOR AN APPEAL SHALL BE  
5 BASED ON A CLAIM THAT THIS CODE HAS BEEN INCORRECTLY INTERPRETED,  
6 THE PROVISIONS OF THIS CODE DO NOT APPLY, OR AN EQUALLY GOOD OR  
7 BETTER FORM OF CONSTRUCTION IS PROPOSED. A NOTICE OF VIOLATION  
8 MAY NOT BE APPEALED.

9                   **113.2 BOARD OF APPEALS.** THE HOWARD COUNTY BOARD OF APPEALS’  
10 HEARING EXAMINER SHALL HEAR AND DECIDE APPEALS IN ACCORDANCE  
11 WITH THE PROCEDURES SET FORTH IN TITLE 16, SUBTITLE 3 OF THE HOWARD  
12 COUNTY CODE. NEITHER THE BOARD OF APPEALS’ HEARING EXAMINER  
13 NOR THE BOARD OF APPEALS SHALL HAVE AUTHORITY TO WAIVE  
14 REQUIREMENTS OF THIS CODE.

15           (36)    *SUBSECTION 114.2 NOTICE OF VIOLATION.*

16                   AMEND THIS SUBSECTION AS FOLLOWS:

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

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

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

21                               A.     PERSONAL SERVICE;

22                               B.     CERTIFIED OR REGISTERED MAIL, RESTRICTED DELIVERY,  
23                               RETURN RECEIPT REQUESTED;

24                               C.     FIRST CLASS MAIL TO THE OWNER’S ADDRESS AS STATED IN  
25                               THE RECORDS OF THE STATE DEPARTMENT OF ASSESSMENTS  
26                               AND TAXATION; OR

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

30           (37)    *SUBSECTION 114.4 VIOLATION PENALTIES.*

31                   DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:



1 **114.4 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND  
2 CONCURRENT WITH ALL REMEDIES PROVIDED AT LAW OR IN EQUITY AND AS  
3 SET FORTH IN SUBSECTION 114.3 OF THIS CODE, THE BUILDING OFFICIAL  
4 MAY ENFORCE THIS SUBTITLE WITH CIVIL PENALTIES PURSUANT TO TITLE 24  
5 “CIVIL PENALTIES” OF THE HOWARD COUNTY CODE. EXCEPT FOR A FIRST  
6 VIOLATION OF SECTION 115 OR SECTION 116 OF THIS CODE, A FIRST  
7 VIOLATION OF THIS SUBTITLE IS A CLASS C OFFENSE. A SUBSEQUENT  
8 VIOLATION OF THIS SUBTITLE IS A CLASS B OFFENSE. EACH DAY THAT A  
9 VIOLATION CONTINUES IS A SEPARATE OFFENSE.

10 (38) *SUBSECTION 114.5 WITHHOLDING OF INSPECTIONS AND PERMITS.*

11 ADD NEW SUBSECTION 114.5 AFTER SUBSECTION 114.4 AS FOLLOWS:

12 **114.5 WITHHOLDING OF INSPECTIONS AND PERMITS.** IF THE BUILDING  
13 OFFICIAL FINDS THAT AN OWNER OR PERSON RESPONSIBLE IS IN VIOLATION  
14 OF A PROVISION OF THIS CODE, THIS SUBTITLE, OR ANY REGULATION THAT  
15 IMPLEMENTS THIS CODE IN CONNECTION WITH THE CONSTRUCTION,  
16 MAINTENANCE, ALTERATION, OR REPAIR OF ANY BUILDING, EQUIPMENT, OR  
17 LAND WITHIN HOWARD COUNTY, THE BUILDING OFFICIAL MAY REFUSE TO  
18 GRANT AN INSPECTION OR PERMIT TO THE CONTRACTOR, DEVELOPER,  
19 OWNER, OR OTHER PERSON RESPONSIBLE UNTIL ALL VIOLATIONS HAVE BEEN  
20 CORRECTED AND ALL FEES AND FINES HAVE BEEN PAID.

21 (39) *SUBSECTION 115.2.1 SERVICE OF STOP WORK ORDERS.*

22 ADD NEW SUBSECTION 115.2.1 AFTER SUBSECTION 115.2 AS FOLLOWS:

23 **115.2.1 SERVICE OF STOP WORK ORDERS.** A STOP WORK ORDER SHALL BE  
24 SERVED IN ACCORDANCE WITH THE SERVICE PROVISIONS SET FORTH IN  
25 SUBSECTION 114.2.

26 (40) *SUBSECTION 115.3 UNLAWFUL CONTINUANCE.*

27 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

28 **115.3 UNLAWFUL CONTINUANCE.** A PERSON SHALL NOT PERFORM WORK  
29 AFTER SERVICE OF A STOP WORK ORDER EXCEPT WORK THAT IS PERFORMED  
30 AT THE DIRECTION OF THE BUILDING OFFICIAL TO ABATE A VIOLATION OF  
31 THIS CODE OR AN UNSAFE CONDITION.

- 1           (41)    *SUBSECTION 115.4 PROSECUTION FOR FAILING TO STOP WORK.*  
2                    ADD NEW SUBSECTION 115.4 AFTER SUBSECTION 115.3 AS FOLLOWS:  
3                    **115.4 PROSECUTION FOR FAILING TO STOP WORK.** THE BUILDING  
4                    OFFICIAL MAY REQUEST THE LEGAL COUNSEL OF THE JURISDICTION TO  
5                    INSTITUTE THE APPROPRIATE PROCEEDING AT LAW OR IN EQUITY TO  
6                    PREVENT OR RESTRAIN ANY WORK PERFORMED IN VIOLATION OF THIS  
7                    SECTION.
- 8           (42)    *SUBSECTION 115.5 VIOLATION PENALTIES.*  
9                    ADD NEW SUBSECTION 115.5 AFTER SUBSECTION 115.4 AS FOLLOWS:  
10                   **115.5 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND  
11                    CONCURRENT WITH THE REMEDIES SET FORTH IN SUBSECTION 115.4, THE  
12                    BUILDING OFFICIAL MAY ENFORCE THIS SECTION PURSUANT TO TITLE 24,  
13                    “CIVIL PENALTIES” OF THE HOWARD COUNTY CODE. A VIOLATION OF THIS  
14                    SECTION IS A CLASS B OFFENSE. EACH DAY THAT A VIOLATION CONTINUES  
15                    IS A SEPARATE OFFENSE.
- 16          (43)    *SUBSECTION 116.6 DISREGARDING NOTICE.*  
17                    ADD NEW SUBSECTION 116.6 AFTER SUBSECTION 116.5 AS FOLLOWS:  
18                    **116.6 DISREGARDING NOTICE.** FAILURE TO COMPLY WITH A NOTICE  
19                    ISSUED UNDER THIS SECTION IS A VIOLATION OF THIS CODE.
- 20          (44)    *SUBSECTION 116.7 PROSECUTION.*  
21                    ADD NEW SUBSECTION 116.7 AFTER SUBSECTION 116.6 AS FOLLOWS:  
22                    **116.7 PROSECUTION.** THE BUILDING OFFICIAL MAY REQUEST THE LEGAL  
23                    COUNSEL OF THE JURISDICTION TO INSTITUTE THE APPROPRIATE  
24                    PROCEEDING AT LAW OR IN EQUITY TO PREVENT OR RESTRAIN ANY WORK  
25                    PERFORMED IN VIOLATION OF THIS SECTION.
- 26          (45)    *SUBSECTION 116.8 VIOLATION PENALTIES.*  
27                    ADD NEW SUBSECTION 116.8 AFTER SUBSECTION 116.7 AS FOLLOWS:  
28                    **116.8 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND  
29                    CONCURRENT WITH THE REMEDIES SET FORTH IN SUBSECTION 116.6, THE  
30                    BUILDING OFFICIAL MAY ENFORCE THIS SECTION PURSUANT TO TITLE 24,  
31                    “CIVIL PENALTIES” OF THE HOWARD COUNTY CODE. A VIOLATION OF THIS

1 SECTION IS A CLASS B OFFENSE. EACH DAY THAT A VIOLATION CONTINUES  
2 IS A SEPARATE OFFENSE.

3 (46) *SECTION 117 EMERGENCY MEASURES.*

4 ADD NEW SECTION 117 AFTER SECTION 116 AS FOLLOWS:

5 **SECTION 117 EMERGENCY MEASURES.**

6 **117.1 IMMINENT DANGER.** WHENEVER THE BUILDING OFFICIAL  
7 DETERMINES THAT THERE IS AN EMERGENCY OR IMMINENT DANGER OF  
8 FAILURE OR COLLAPSE OF A BUILDING, STRUCTURE, OR ANY PART OF A  
9 BUILDING OR STRUCTURE THAT ENDANGERS LIFE, OR WHEN ANY BUILDING,  
10 STRUCTURE, OR PART OF A BUILDING OR STRUCTURE HAS FALLEN AND LIFE  
11 IS ENDANGERED BY THE OCCUPATION OF THE BUILDING OR STRUCTURE, THE  
12 BUILDING OFFICIAL MAY ORDER AN OCCUPANT TO VACATE THE BUILDING  
13 OR STRUCTURE. THE BUILDING OFFICIAL SHALL POST A NOTICE AT EACH  
14 ENTRANCE TO THE BUILDING OR STRUCTURE. THE NOTICE SHALL STATE AS  
15 FOLLOWS: "THIS STRUCTURE IS UNSAFE AND ITS OCCUPANCY HAS BEEN  
16 PROHIBITED BY THE BUILDING OFFICIAL." EXCEPT FOR THE PURPOSE OF  
17 MAKING A REQUIRED REPAIR OR DEMOLISHING THE BUILDING OR  
18 STRUCTURE, A PERSON SHALL NOT ENTER THE BUILDING OR STRUCTURE.

19 **117.2 TEMPORARY SAFEGUARDS.** WHENEVER THE BUILDING OFFICIAL  
20 DETERMINES THAT THERE IS IMMINENT DANGER DUE TO AN UNSAFE  
21 CONDITION, THE BUILDING OFFICIAL MAY CAUSE THE NECESSARY WORK TO  
22 BE DONE TO MAKE THE BUILDING OR STRUCTURE TEMPORARILY SAFE,  
23 WHETHER OR NOT THE LEGAL PROCEDURE AS SET FORTH IN THIS CODE HAS  
24 BEEN INSTITUTED.

25 **117.3 CLOSING STREETS AND BUILDINGS.** IF NECESSARY FOR PUBLIC  
26 SAFETY, THE BUILDING OFFICIAL MAY:

- 27 (i) TEMPORARILY CLOSE A BUILDING OR STRUCTURE;  
28 (ii) CLOSE OR ORDER THE JURISDICTION TO CLOSE A SIDEWALK, STREET,  
29 PUBLIC WAY, OR PLACE ADJACENT TO AN UNSAFE BUILDING OR  
30 STRUCTURE; AND

1 (III) PROHIBIT THE USE OF A SIDEWALK, STREET, PUBLIC WAY, OR PLACE  
2 ADJACENT TO AN UNSAFE BUILDING OR STRUCTURE.

3 **117.4. DEMOLITION OF STRUCTURES.**

4 WHENEVER THE BUILDING OFFICIAL DETERMINES THAT THERE IS IMMINENT  
5 DANGER DUE TO AN UNSAFE STRUCTURE, THE BUILDING OFFICIAL MAY  
6 CAUSE THE STRUCTURE TO BE DEMOLISHED IN ACCORDANCE WITH SECTION  
7 118 OF THIS CODE.

8 **117.5 EMERGENCY REPAIRS.** FOR THE PURPOSE OF THIS SECTION, THE  
9 BUILDING OFFICIAL MAY EMPLOY THE NECESSARY LABOR AND MATERIALS  
10 TO PERFORM THE REQUIRED WORK AS EXPEDITIOUSLY AS POSSIBLE.

11 **117.6 COST OF EMERGENCY REPAIRS.** COSTS INCURRED IN THE  
12 PERFORMANCE OF EMERGENCY WORK MAY BE PAID FROM THE TREASURY OF  
13 THE JURISDICTION. THE LEGAL COUNSEL OF THE JURISDICTION SHALL  
14 INSTITUTE APPROPRIATE ACTION TO SEEK REIMBURSEMENT AGAINST THE  
15 OWNER OF THE PREMISES WHERE THE UNSAFE BUILDING OR STRUCTURE IS  
16 OR WAS LOCATED FOR THE COST OF THE REPAIRS OR ACTIONS NECESSARY  
17 TO MAKE THE PREMISES SAFE.

18 **117.7 UNSAFE EQUIPMENT.** WHENEVER THE BUILDING OFFICIAL  
19 DETERMINES THAT EQUIPMENT IS UNSAFE, THE EQUIPMENT SHALL NOT BE  
20 OPERATED AFTER THE DATE STATED IN THE NOTICE UNLESS THE REQUIRED  
21 REPAIRS, REPLACEMENT, OR CHANGES HAVE BEEN MADE AND THE  
22 EQUIPMENT HAS BEEN APPROVED OR UNLESS THE BUILDING OFFICIAL HAS  
23 AGREED, IN WRITING, TO AN EXTENSION OF TIME TO MAKE THE REQUIRED  
24 REPAIRS, REPLACEMENT, OR CHANGES.

25 **117.7.1 AUTHORITY TO SEAL EQUIPMENT.** IN THE CASE OF AN  
26 EMERGENCY, THE BUILDING OFFICIAL MAY IMMEDIATELY SEAL OUT OF  
27 SERVICE ANY UNSAFE DEVICE OR EQUIPMENT REGULATED BY THIS CODE.

28 **117.7.2 UNLAWFUL TO REMOVE SEAL.** ANY DEVICE OR EQUIPMENT  
29 SEALED OUT OF SERVICE BY THE BUILDING OFFICIAL SHALL BE PLAINLY  
30 IDENTIFIED IN AN APPROVED MANNER. EXCEPT BY THE BUILDING OFFICIAL,  
31 THE IDENTIFICATION SHALL NOT BE TAMPERED WITH, DEFACED, OR

1 REMOVED. THE IDENTIFICATION SHALL INDICATE THE REASON FOR THE  
2 SEALING OF THE EQUIPMENT.

3 (47) *SECTION 118 DEMOLITION OF STRUCTURES.*

4 ADD NEW SECTION 118 AFTER SECTION 117 AS FOLLOWS:

5 **SECTION 118 DEMOLITION OF STRUCTURES.**

6 **118.1 SERVICE CONNECTIONS.** BEFORE A STRUCTURE IS DEMOLISHED OR  
7 REMOVED, THE OWNER OR AGENT SHALL NOTIFY ALL UTILITIES HAVING  
8 SERVICE CONNECTIONS WITHIN THE STRUCTURE INCLUDING, BUT NOT  
9 LIMITED TO, WATER, ELECTRIC, GAS, OR SEWER. A PERMIT TO DEMOLISH OR  
10 REMOVE A STRUCTURE SHALL NOT BE ISSUED UNTIL A RELEASE IS OBTAINED  
11 FROM THE UTILITIES. THE RELEASE SHALL STATE THAT THE UTILITY’S  
12 RESPECTIVE SERVICE CONNECTIONS AND APPURTENANT EQUIPMENT, SUCH  
13 AS METERS AND REGULATORS, HAVE BEEN REMOVED, SEALED, OR PLUGGED  
14 IN A SAFE MANNER.

15 **118.2 NOTICE TO ADJOINING OWNERS.** A PERMIT TO REMOVE OR  
16 DEMOLISH A BUILDING OR STRUCTURE MAY BE GRANTED IF WRITTEN NOTICE  
17 HAS BEEN GIVEN BY THE APPLICANT TO THE OWNERS OF ADJOINING LOTS  
18 AND TO THE OWNERS OF WIRED OR OTHER FACILITIES THAT MAY NEED TO BE  
19 TEMPORARILY REMOVED DUE TO THE PROPOSED WORK.

20 **118.3 LOT REGULATION.** WHENEVER A STRUCTURE IS DEMOLISHED OR  
21 REMOVED, THE PREMISES SHALL BE MAINTAINED FREE FROM ALL UNSAFE OR  
22 HAZARDOUS CONDITIONS BY THE PROPER REGULATION OF THE LOT,  
23 RESTORATION OF ESTABLISHED GRADES, AND THE ERECTION OF THE  
24 NECESSARY RETAINING WALLS AND FENCES IN ACCORDANCE WITH THE  
25 PROVISIONS OF CHAPTER 33 OF THIS CODE.

26 (48) *SUBSECTION 308.2 GROUP I-1.*

27 IN THE SECOND TO LAST SENTENCE, BETWEEN THE WORDS “PERSONS” AND  
28 “SHALL”, INSERT THE FOLLOWING: “OR UP TO 8 PERSONS WHEN AN NFPA  
29 13D SPRINKLER SYSTEM IS INSTALLED”.

30 (49) *SUBSECTION 310.1 RESIDENTIAL GROUP R.*

31 ADD A SENTENCE TO THE END OF R-3 AS FOLLOWS:

- 1 AN R-3 GROUP SHALL INCLUDE EITHER:  
2 (I) UP TO 5 LODGERS OR BOARDERS;  
3 (II) 6 UP TO 8 LODGERS OR BOARDERS WHEN AN NFPA 13D SPRINKLER  
4 SYSTEM IS INSTALLED; OR  
5 (III) 9 UP TO 16 LODGERS OR BOARDERS WHEN AN NFPA 13R SPRINKLER  
6 SYSTEM IS INSTALLED.

7 (50) *SUBSECTION 703.6 MARKING AND IDENTIFICATION.*

8 AMEND THIS SUBSECTION AS FOLLOWS:

- 9 (I) IN ITEM 2:  
10 (A) DELETE “30 FEET (914 MM)” AND SUBSTITUTE “10 FEET  
11 (3048 MM)”;  
12 (B) AFTER “WALL OR PARTITION” INSERT “ON BOTH SIDES”; AND  
13 (II) IN ITEM 3:  
14 (A) DELETE “0.5 INCH (12.7 MM)” AND SUBSTITUTE “0.5 FEET  
15 (152.4 MM)”;  
16 (B) AFTER “HEIGHT” INSERT “AND GREATER THAN ¾ INCH  
17 WIDE”.

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

20 DELETE ITEM NUMBER 2 IN EACH SUBSECTION AND SUBSTITUTE THE  
21 FOLLOWING IN EACH INSTANCE:

- 22 2. THE FIRE AREA HAS A CALCULATED OCCUPANT LOAD OF 100 OR MORE;  
23 OR

24 (52) *SUBSECTION 903.2.3 GROUP E.*

25 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

26 **903.2.3 GROUP E.** AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED  
27 FOR ALL GROUP E OCCUPANCIES.

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

30 (53) *SUBSECTION 903.2.13 ADDITIONAL SUPPRESSION REQUIREMENTS.*

31 ADD NEW SUBSECTION 903.2.13 AFTER SUBSECTION 903.2.12 AS FOLLOWS:

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

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

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

11                   **903.2.13.3 APPLICABLE CONDITIONS AND EXCEPTIONS:**

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

1 FEET IN FLOOR AREA, THE ENTIRE ALTERATION AND ADDITION  
2 AREAS SHALL COMPLY WITH THIS SECTION.

3 (V) THE BUILDING OFFICIAL MAY GRANT A WAIVER FROM THE  
4 REQUIREMENTS OF THIS SECTION FOR AN UNUSUAL BUILDING,  
5 STRUCTURE, OR OCCUPANCY.

6 (VI) A SPRINKLER SYSTEM REQUIRED BY THIS SECTION SHALL BE  
7 INSTALLED IN ACCORDANCE WITH NFPA STANDARD 13, 13D, OR  
8 13R, AS APPLICABLE.

9 (54) *SUBSECTION 903.2.14 HOSE CONNECTIONS.*

10 ADD NEW SUBSECTION 903.2.14 AFTER SUBSECTION 903.2.13 AS FOLLOWS:

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

20 (55) *SUBSECTION 905.11 PIPING DESIGN.*

21 ADD NEW SUBSECTION 905.11 AFTER SUBSECTION 905.10 AS FOLLOWS:

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



1 SPRINKLER SYSTEM, THE PUMP SHALL BE SIZED IN ACCORDANCE WITH THIS  
2 SECTION.

3 **EXCEPTION:** THE RESIDUAL PRESSURE OF 100 PSI IS NOT REQUIRED IN  
4 BUILDINGS EQUIPPED THROUGHOUT WITH AUTOMATIC SPRINKLER SYSTEMS  
5 IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2 AND WHERE THE  
6 HIGHEST FLOOR LEVEL IS NOT MORE THAN 75 FEET ABOVE THE LOWEST  
7 LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS.

8 (56) *SUBSECTION 910.1 GENERAL.*

9 DELETE EXCEPTIONS 1 AND 2.

10 (57) *SUBSECTION 910.2.1 GROUP F-1 OR S-1.*

11 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

12 **910.2.1 GROUPS F-1, M, AND S-1.** BUILDINGS OR PORTIONS OF BUILDINGS  
13 USED AS A GROUP F-1, M, OR S-1 OCCUPANCY THAT HAVE MORE THAN  
14 50,000 SQUARE FEET.

15 **EXCEPTION 1:** BUILDINGS WITH A FLOOR TO FINISHED CEILING HEIGHT OF  
16 20 FEET OR LESS ARE EXEMPT FROM SMOKE VENTING REQUIREMENTS.

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

20 (58) *SUBSECTION 910.3.2 VENT OPERATION.*

21 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

22 **910.3.2 VENT OPERATION.** SMOKE AND HEAT VENTS SHALL BE APPROVED,  
23 LABELED, AND CAPABLE OF BEING OPERATED BY APPROVED MANUAL  
24 MEANS.

25 (59) *SUBSECTION 1607.9 REDUCTION IN LIVE LOADS.*

26 ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

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

28 (60) *SUBSECTION 1607.11.2 REDUCTION IN ROOF LIVE LOADS.*

29 ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

30 **EXCEPTION:** EXCEPT FOR BUILDINGS OF GROUP U, A FLAT, PITCHED, OR  
31 CURVED ROOF SHALL BE DESIGNED FOR A MINIMUM LIVE LOAD OF 30

1 POUNDS PER SQUARE FOOT (PSF) OR FOR THE MINIMUM SNOW LOAD,  
2 WHICHEVER IS GREATER. IN BUILDINGS OF GROUP U, ROOFS SHALL BE  
3 DESIGNED FOR A MINIMUM LIVE LOAD OF 20 PSF.

4 (61) *SUBSECTION 1803.2 INVESTIGATIONS REQUIRED.*

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

7 (62) *SUBSECTION 1809.5 FROST PROTECTION.*

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

10 (63) *SUBSECTION 1809.5.1 FROST LINE.*

11 ADD NEW SUBSECTION 1809.5.1 AFTER SUBSECTION 1809.5 AS FOLLOWS:

12 **1809.5.1 FROST LINE.** THE FROST LINE SHALL BE AT LEAST 30 INCHES  
13 BELOW FINISHED GRADE.

14 (64) *SUBSECTION 3001.2 REFERENCED STANDARDS.*

15 ADD THE FOLLOWING TO THE END OF THE SUBSECTION:

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

20 (65) *SUBSECTION 3107.1 GENERAL.*

21 INSERT THE FOLLOWING AT THE END OF THIS SENTENCE:

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

24 (66) *SUBSECTION 3108.3 RADIO AND TELEVISION ANTENNAS.*

25 ADD NEW SUBSECTION 3108.3 AFTER SUBSECTION 3108.2 AS FOLLOWS:

26 **3108.3 RADIO AND TELEVISION ANTENNAS.**

27 **3108.3.1 PERMITS NOT REQUIRED.** BUILDING PERMITS ARE NOT REQUIRED  
28 FOR ROOF INSTALLATION OF ANTENNAL STRUCTURES THAT ARE LESS THAN  
29 12 FEET IN HEIGHT ABOVE THE ROOF AND USED FOR PRIVATE RADIO OR  
30 TELEVISION RECEPTION. ANTENNAL STRUCTURES SHALL NOT BE ERECTED  
31 SO AS TO DAMAGE THE ROOF COVERING. WHEN REMOVED FROM THE ROOF,

1 THE ROOF COVERING SHALL BE REPAIRED TO MAINTAIN WEATHER AND  
2 WATER TIGHTNESS. THE INSTALLATION OF ANTENNAL STRUCTURES ON THE  
3 ROOF OF A BUILDING SHALL NOT BE NEARER TO THE LOT LINE THAN THE  
4 TOTAL HEIGHT OF THE ANTENNAL STRUCTURE ABOVE THE ROOF.

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

8 **3108.3.2 PERMITS REQUIRED.** IF THE APPLICATION MEETS THE CRITERIA  
9 SET FORTH IN THIS CODE, AN APPLICATION FOR ROOF-MOUNTED ANTENNAL  
10 STRUCTURES MORE THAN 12 FEET IN HEIGHT ABOVE THE ROOF SHALL BE  
11 APPROVED. A PERMIT APPLICATION FOR A ROOF-MOUNTED ANTENNAL  
12 STRUCTURE UNDER THIS SUBSECTION SHALL BE ACCOMPANIED BY DETAILED  
13 DRAWINGS OF THE STRUCTURE AND METHOD OF ANCHORAGE. ALL  
14 CONNECTIONS TO THE ROOF STRUCTURE SHALL BE PROPERLY FLASHED TO  
15 MAINTAIN WATER TIGHTNESS. THE DESIGN AND MATERIALS OF  
16 CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THIS  
17 SUBSECTION (3108.3) FOR CHARACTER, QUALITY, AND MINIMUM  
18 DIMENSION.

19 **3108.3.3 DISH ANTENNAS.** A DISH ANTENNA IS AN ANTENNA THAT  
20 CONSISTS OF A RADIATION ELEMENT THAT TRANSMITS OR RECEIVES  
21 RADIATION SIGNALS GENERATED AS ELECTRICAL, LIGHT, OR SOUND  
22 ENERGY. A DISH ANTENNA IS SUPPORTED BY A STRUCTURE WITH OR  
23 WITHOUT A REFLECTIVE COMPONENT TO THE RADIATING DISH, USUALLY IN  
24 A CIRCULAR SHAPE WITH A PARABOLIC CURVE DESIGN CONSTRUCTED OF A  
25 SOLID OR OPEN MESH SURFACE.

26 **3108.3.3.1 PERMITS.** A PERMIT SHALL BE OBTAINED FOR DISH ANTENNAL  
27 STRUCTURES THAT ARE GREATER THAN 3 FEET IN DIAMETER AND THAT ARE  
28 ERECTED ON THE ROOF OF OR ATTACHED TO BUILDINGS OR STRUCTURES.  
29 PERMITS ARE NOT REQUIRED FOR DISH ANTENNAS THAT ARE 3 FEET OR LESS  
30 IN DIAMETER AND THAT ARE ERECTED AND MAINTAINED ON THE ROOF OF A  
31 BUILDING.

1                   **3108.3.3.2 STRUCTURAL PROVISIONS.** DISH ANTENNAS LARGER THAN 3  
2 FEET IN DIAMETER ARE SUBJECT TO THE STRUCTURAL PROVISIONS OF  
3 SECTIONS 1608 AND 1609. THE SNOW LOAD PROVISION OF SECTION 1608  
4 SHALL NOT APPLY WHERE THE ANTENNA HAS A HEATER TO MELT FALLING  
5 SNOW.

6           (67)    *SECTION 3111 FLOODPLAIN.*

7                   ADD NEW SECTION 3111 AFTER SECTION 3110 AS FOLLOWS:

8                   **SECTION 3111 FLOODPLAIN.**

9                   **3111.1 GENERAL.** FOR THE PURPOSE OF THIS SECTION, THE FLOODPLAIN IS  
10 DELINEATED IN TITLE 16, SUBTITLE 7 OF THE HOWARD COUNTY CODE.

11                   **3111.2 WITHIN DESIGNATED FLOODPLAIN.**

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

16                   **3111.2.1 NEW CONSTRUCTION.** NEW RESIDENTIAL OR NONRESIDENTIAL  
17 CONSTRUCTION SHALL NOT OCCUR WITHIN A DESIGNATED FLOODPLAIN.

18                   **EXCEPTION 1:** EXCEPT FOR MOBILE HOMES, AN EXISTING NONCONFORMING  
19 STRUCTURE LOCATED WITHIN A DESIGNATED FLOODPLAIN WHICH IS  
20 DESTROYED BY FIRE, FLOOD, OR OTHER CALAMITY MAY BE RESTORED TO  
21 THE SAME SIZE AND DIMENSION AND IN THE SAME LOCATION ON THE SAME  
22 LOT AS THE DESTROYED STRUCTURE, PROVIDED CONSTRUCTION BEGINS  
23 WITHIN 12 MONTHS OF THE DATE OF DESTRUCTION. CONSTRUCTION SHALL  
24 COMPLY WITH THE ELEVATING AND FLOODPROOFING REQUIREMENTS OF  
25 SUBSECTION 3111.4 FOR NEW CONSTRUCTION ADJACENT TO A FLOODPLAIN.  
26 VARIANCES TO THE REQUIREMENTS SET FORTH IN SUBSECTION 3111.4 MAY  
27 BE GRANTED BY THE BUILDING OFFICIAL IN ACCORDANCE WITH FEMA  
28 REGULATIONS, SECTION 60.6(A)(1), (3),(4),(5), AND (6). A PERSON SHALL  
29 NOT INTENTIONALLY DEMOLISH OR RECONSTRUCT ANY NONCONFORMING  
30 STRUCTURE IS PROHIBITED BY THIS CODE.

1           **EXCEPTION 2:** TRANSPORTATION NETWORKS, UTILITY INSTALLATIONS,  
2           PIERS, OPEN PIER STRUCTURES, AND OPEN DECKS APPROVED BY THE  
3           DEPARTMENT OF PUBLIC WORKS. STREETS, SIDEWALKS, PATHWAYS, AND  
4           UTILITY SYSTEMS IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN  
5           MANUAL AND ALL OTHER APPLICABLE CODES, ORDINANCES, RESOLUTIONS,  
6           AND REGULATIONS.

7           **3111.2.2 ADDITIONS AND ENLARGEMENTS.** EXISTING NONCONFORMING  
8           STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL NOT BE  
9           EXPANDED OR ENLARGED.

10          **3111.2.3 MODIFICATIONS, ALTERATIONS, AND REPAIRS.** MODIFICATIONS,  
11          ALTERATIONS, REPAIRS, OR IMPROVEMENTS THAT COST LESS THAN 50% OF  
12          THE FAIR MARKET VALUE OF THE STRUCTURE MAY BE MADE TO EXISTING  
13          NONCONFORMING STRUCTURES LOCATED WITHIN A DESIGNATED  
14          FLOODPLAIN WITHOUT FLOODPROOFING OR ELEVATING IF THE OWNER  
15          DEMONSTRATES THROUGH A MARYLAND STATE REGISTERED PROFESSIONAL  
16          ENGINEER THAT FLOODPROOFING OR ELEVATING IS IMPRACTICAL.

17          **3111.3 SUBSTANTIAL IMPROVEMENTS WITHIN A DESIGNATED**  
18          **FLOODPLAIN.** SUBSTANTIAL IMPROVEMENTS WITHIN A DESIGNATED  
19          FLOODPLAIN SHALL MEET THE STANDARDS SET FORTH IN THIS SUBSECTION.

20          **3111.3.1. RESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT, OF  
21          SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING RESIDENTIAL  
22          STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL BE  
23          ELEVATED TO AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION.

24          **3111.3.2. NONRESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A  
25          BASEMENT, OF SUBSTANTIAL IMPROVEMENTS TO EXISTING  
26          NONCONFORMING NONRESIDENTIAL STRUCTURES SHALL BE ELEVATED TO  
27          AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION OR SHALL BE  
28          DESIGNED SO THAT ANY AREA OF THE BUILDING WHICH IS LOWER THAN 2  
29          FEET ABOVE THE 100-YEAR FLOOD ELEVATION, AS DETERMINED OR  
30          APPROVED BY THE DEPARTMENT OF PUBLIC WORKS, IS WATERTIGHT WITH  
31          WALLS SUBSTANTIALLY IMPERMEABLE TO THE PASSAGE OF WATER AND

1 WITH STRUCTURAL COMPONENTS HAVING THE CAPABILITY OF  
2 WITHSTANDING APPLICABLE HYDROSTATIC, HYDRODYNAMIC, IMPACT,  
3 SOIL, AND, WHEN APPLICABLE, HURRICANE AND TIDAL WAVE LOADING  
4 CONDITIONS. THE WATER TIGHTNESS AND STRUCTURAL CAPABILITIES  
5 SHALL BE THOSE DESCRIBED IN FLOODPROOFING REGULATIONS PUBLISHED  
6 BY THE OFFICE OF THE CHIEF OF ENGINEERS, U.S. ARMY, WASHINGTON,  
7 D.C., MARCH 1992.

8 **3111.4 CONSTRUCTION ADJACENT TO A DESIGNATED FLOODPLAIN.**

9 WHERE BUILDINGS ARE LOCATED ADJACENT TO A DESIGNATED FLOODPLAIN  
10 THE FOLLOWING SUBSECTIONS SHALL APPLY:

11 **3111.4.1 RESIDENTIAL.** IN NEW CONSTRUCTION OF RESIDENTIAL  
12 BUILDINGS OR ADDITIONS OR SUBSTANTIAL IMPROVEMENTS TO  
13 RESIDENTIAL BUILDINGS, ALL FLOORS, INCLUDING THOSE OF BASEMENT  
14 AND STORAGE AREAS, SHALL BE ELEVATED AT LEAST 2 FEET ABOVE THE  
15 100-YEAR FLOOD LEVEL.

16 **3111.4.2 NONRESIDENTIAL.** IN NEW CONSTRUCTION OF NONRESIDENTIAL  
17 BUILDINGS OR ADDITIONS OR SUBSTANTIAL IMPROVEMENTS TO  
18 NONRESIDENTIAL BUILDINGS, EITHER:

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

1 WAVE LOADING CONDITIONS. ELECTRICAL, HEATING, VENTILATION,  
2 PLUMBING, AIR CONDITIONING EQUIPMENT, AND OTHER SERVICE  
3 FACILITIES ASSOCIATED WITH THE BUILDINGS SHALL BE DESIGNED  
4 OR LOCATED TO PREVENT WATER FROM ENTERING OR  
5 ACCUMULATING WITHIN THE COMPONENTS DURING FLOOD  
6 CONDITIONS. THE WATER TIGHTNESS AND STRUCTURAL  
7 CAPABILITIES SHALL BE THOSE DESCRIBED IN FLOODPROOFING  
8 REGULATIONS, PUBLISHED BY THE OFFICE OF THE CHIEF OF  
9 ENGINEERS, U.S. ARMY, WASHINGTON, D.C., MARCH 1992.

10 **3111.4.3. MODIFICATIONS, ALTERATIONS OR REPAIRS.** MODIFICATIONS,  
11 ALTERATIONS, REPAIRS, OR IMPROVEMENTS THAT COSTS LESS THAN 50% OF  
12 THE FAIR MARKET VALUE OF THE STRUCTURE MAY BE MADE TO EXISTING  
13 NONCONFORMING STRUCTURES LOCATED ADJACENT TO A DESIGNATED  
14 FLOODPLAIN WITHOUT FLOODPROOFING OR ELEVATING.

15 **3111.5 SUBSTANTIAL IMPROVEMENTS ADJACENT TO A DESIGNATED**  
16 **FLOODPLAIN.**

17 **3111.5.1 RESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT, OF  
18 SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING RESIDENTIAL  
19 STRUCTURES LOCATED ADJACENT TO A DESIGNATED FLOODPLAIN SHALL BE  
20 ELEVATED TO AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION.

21 **3111.5.2 NONRESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT,  
22 OF SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING  
23 NONRESIDENTIAL STRUCTURES LOCATED ADJACENT TO A DESIGNATED  
24 FLOODPLAIN SHALL BE ELEVATED TO AT LEAST 2 FEET ABOVE THE  
25 100-YEAR FLOOD ELEVATION OR SHALL BE DESIGNED SO THAT ANY AREA OF  
26 THE BUILDING WHICH IS LOWER THAN 2 FEET ABOVE THE 100-YEAR FLOOD  
27 ELEVATION, AS DETERMINED OR APPROVED BY THE DEPARTMENT OF  
28 PUBLIC WORKS, IS WATERTIGHT WITH WALLS SUBSTANTIALLY  
29 IMPERMEABLE TO THE PASSAGE OF WATER AND WITH STRUCTURAL  
30 COMPONENTS HAVING THE CAPABILITY OF WITHSTANDING APPLICABLE  
31 HYDROSTATIC, HYDRODYNAMIC IMPACT, SOIL, AND, WHEN APPLICABLE,

1 HURRICANE AND TIDAL WAVE LOADING CONDITIONS. ELECTRICAL,  
2 HEATING, VENTILATION, PLUMBING, AIR CONDITIONING EQUIPMENT, AND  
3 OTHER SERVICE FACILITIES ASSOCIATED WITH THE BUILDINGS SHALL BE  
4 DESIGNED OR LOCATED SO AS TO PREVENT WATER FROM ENTERING OR  
5 ACCUMULATING WITHIN THE COMPONENTS DURING CONDITIONS OF  
6 FLOODING. THE WATER TIGHTNESS AND STRUCTURAL CAPABILITIES SHALL  
7 BE THOSE DESCRIBED IN FLOODPROOFING REGULATIONS PUBLISHED BY THE  
8 OFFICE OF THE CHIEF OF ENGINEERS, U.S. ARMY, WASHINGTON, D.C.,  
9 MARCH 1992.

10 **3111.6 VERIFICATION.** FOR THE PURPOSE OF VERIFYING COMPLIANCE  
11 WITH SECTION 3111.4 FOR CONSTRUCTION ADJACENT TO A DESIGNATED  
12 FLOODPLAIN, THE FOLLOWING SHALL APPLY:

- 13 (I) WHEN FLOODPROOFING BY MEANS OTHER THAN ELEVATING, A  
14 DOCUMENT STATING THAT THE PROPOSED CONSTRUCTION HAS BEEN  
15 ADEQUATELY DESIGNED TO WITHSTAND THE LOADING CONDITIONS  
16 STATED IN SUBSECTION 3111.4.2(II) SHALL BE CERTIFIED BY A  
17 PROFESSIONAL ENGINEER OR ARCHITECT CURRENTLY REGISTERED IN  
18 MARYLAND. THIS DOCUMENT SHALL BE REQUIRED PRIOR TO  
19 ISSUANCE OF A BUILDING PERMIT.
- 20 (II) WHEN FLOODPROOFING BY ELEVATING IS USED, THE OWNER SHALL  
21 AGREE, IN WRITING, TO PROVIDE A FEMA ELEVATION CERTIFICATE  
22 FORM #81-31, COMPLETED BY A PROFESSIONAL ENGINEER OR  
23 PROFESSIONAL LAND SURVEYOR CURRENTLY REGISTERED IN  
24 MARYLAND, CERTIFYING THAT THE AS-BUILT LOWEST FLOOR OF THE  
25 STRUCTURE IS ELEVATED AT LEAST 2 FEET ABOVE THE 100-YEAR  
26 FLOODPLAIN ELEVATION. THE AGREEMENT SHALL BE MADE PRIOR  
27 TO THE ISSUANCE OF THE BUILDING PERMIT AND THE COMPLETED  
28 CERTIFICATION SHALL BE SUBMITTED PRIOR TO FOUNDATION  
29 APPROVAL BY THE BUILDING OFFICIAL.
- 30 (III) FAIR MARKET VALUE OF A STRUCTURE SHALL BE ESTABLISHED BY A  
31 RECENT (WITHIN 6 MONTHS) FORMAL APPRAISAL FROM A QUALIFIED



1 APPRAISER. FAIR MARKET VALUE SHALL NOT INCLUDE LAND  
2 VALUE.

3 (IV) COST TO REPAIR OR IMPROVE A STRUCTURE SHALL BE ESTABLISHED  
4 BY A RECENT (WITHIN 6 MONTHS) WRITTEN ESTIMATE FROM A  
5 LICENSED CONTRACTOR AND SHALL INCLUDE THE COMPLETE COST  
6 OF REPAIRS OR IMPROVEMENTS TO THE POINT OF USE OR  
7 OCCUPANCY.

8 **3111.7 DEFINITIONS.**

9 **ACCESSORY STRUCTURE.** A DETACHED STRUCTURE ON THE SAME PARCEL  
10 OR PROPERTY AS THE PRINCIPAL STRUCTURE THAT HAS A USE THAT IS  
11 INCIDENTAL TO THE PRINCIPAL STRUCTURE INCLUDING, BUT NOT LIMITED  
12 TO, A SHED OR DETACHED GARAGE.

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

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

16 **FLOODPROOFING.** ANY COMBINATION OF ADDITIONS, CHANGES, OR  
17 ADJUSTMENTS TO A STRUCTURE WHICH REDUCE OR ELIMINATE FLOOD  
18 DAMAGE TO REAL ESTATE OR IMPROVED REAL PROPERTY, WATER OR  
19 SANITARY FACILITIES, OR STRUCTURES AND THEIR CONTENTS.

20 **HISTORIC STRUCTURE.** A BUILDING LISTED ON THE NATIONAL REGISTER  
21 OF HISTORIC PLACES, A STATE INVENTORY OF HISTORIC PLACES, OR AN  
22 INVENTORY OF HISTORIC STRUCTURES ADOPTED BY RESOLUTION OF THE  
23 COUNTY COUNCIL.

24 **LOWEST FLOOR.** THE LOWEST FLOOR OR THE LOWEST ENCLOSED AREA,  
25 INCLUDING A BASEMENT. LOWEST FLOOR DOES NOT INCLUDE AN  
26 UNFINISHED OR FLOOD RESISTANT ENCLOSURE USED SOLELY FOR PARKING  
27 VEHICLES, BUILDING ACCESS, OR STORAGE IN AN AREA OTHER THAN A  
28 BASEMENT AREA. THE ENCLOSURE SHALL NOT BE BUILT SO AS TO RENDER  
29 THE STRUCTURE IN VIOLATION OF THE APPLICABLE NON-ELEVATION DESIGN  
30 REQUIREMENTS OF SUBSECTIONS 3111.4 AND 3111.6 OF THIS CODE.

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

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

5           (I)       THE APPLICATION FOR A BUILDING PERMIT WAS RECEIVED BY THE  
6                   DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS ON OR  
7                   AFTER THE DATE OF ADOPTION OF ~~THIS SUBSECTION~~ COUNTY  
8                   COUNCIL BILL No. 5-2010, INCLUDING ANY SUBSEQUENT  
9                   IMPROVEMENTS; OR

10          (II)       IF NO BUILDING PERMIT IS NEEDED FOR THE STRUCTURE, THE  
11                   STRUCTURE WAS BUILT, CONSTRUCTED, OR INSTALLED ON OR AFTER  
12                   THE DATE OF ADOPTION OF ~~THIS SUBSECTION~~ COUNTY COUNCIL BILL  
13                   No. 5-2010, INCLUDING ANY SUBSEQUENT IMPROVEMENTS.

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

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

20           **SUBSTANTIAL IMPROVEMENT.** THE REPAIR, RECONSTRUCTION, OR  
21           IMPROVEMENT OF A BUILDING OR STRUCTURE, THE COST OF WHICH IS  
22           EQUAL TO OR GREATER THAN 50% OF THE FAIR MARKET VALUE OF THE  
23           BUILDING OR STRUCTURE PRIOR TO DAMAGE, IMPROVEMENT, OR REPAIR.  
24           FOR THE PURPOSE OF THIS DEFINITION, "SUBSTANTIAL IMPROVEMENT"  
25           OCCURS WHEN THE FIRST ALTERATION OF A WALL, CEILING, FLOOR, OR  
26           OTHER STRUCTURAL PART OF THE BUILDING BEGINS, WHETHER OR NOT  
27           THAT ALTERATION AFFECTS THE EXTERNAL DIMENSIONS OF THE BUILDING  
28           OR STRUCTURE. THE TERM DOES NOT INCLUDE ANY PROJECT FOR  
29           IMPROVING A BUILDING OR STRUCTURE TO COMPLY WITH EXISTING STATE  
30           OR LOCAL HEALTH, SANITARY, OR HOUSING CODE REQUIREMENTS WHICH

1 ARE NECESSARY TO ASSURE SAFE LIVING CONDITIONS. THIS TERM DOES NOT  
2 INCLUDE AN ALTERATION OF A HISTORIC STRUCTURE.

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

4 **3111.8 VARIANCES AND WAIVERS.** A VARIANCE OR WAIVER OF THIS  
5 SECTION IS NOT ALLOWED.

6 **3111.9 OTHER AGENCIES.** A PERMIT ISSUED BY THE BUILDING OFFICIAL  
7 UNDER THIS SUBTITLE IS NOT VALID UNTIL ALL NECESSARY PERMITS FOR  
8 THE DEVELOPMENT ARE OBTAINED. RECEIPT OF FEDERAL OR STATE  
9 PERMITS DO NOT EXEMPT A DEVELOPMENT FROM THE PROVISIONS OF THIS  
10 SUBTITLE.

11 (68) *SUBSECTION 3306.10 ACCESSIBILITY DURING CONSTRUCTION OPERATIONS.*

12 ADD NEW SUBSECTION 3306.10 AFTER SUBSECTION 3306.9 AS FOLLOWS:

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

22 (69) *SECTION 3313 CONSTRUCTION SITE GRADING.*

23 ADD NEW SECTION 3313 AFTER SECTION 3312 AS FOLLOWS:

24 **SECTION 3313 CONSTRUCTION SITE GRADING.**

25 **3313.1 LOT IMPROVEMENTS.** LOT IMPROVEMENTS SHALL PROVIDE:

- 26 (I) SUITABLE ACCESS FROM AN ABUTTING STREET TO DWELLINGS AND  
27 ACCESSORY BUILDINGS SUBJECT TO A PERMIT;
- 28 (II) GRADING WHICH WILL DIVERT WATER AWAY FROM BUILDINGS AND  
29 PREVENT STANDING WATER AND SOIL SATURATION DETRIMENTAL  
30 TO STRUCTURES OR LOT USE;

- 1 (III) DISPOSAL OF WATER FROM LOTS, EXCEPT AS NECESSARY FOR  
2 CONTROLLED IRRIGATION;  
3 (IV) GRADES FOR SAFE AND CONVENIENT ACCESS TO AND AROUND  
4 BUILDINGS OR LOTS FOR USE AND MAINTENANCE; AND  
5 (V) GRADES THAT DO NOT ADVERSELY AFFECT ADJOINING LOTS.

6 **3313.2 MINIMUM GRADIENT.** THE MINIMUM GRADIENT FOR CONCRETE OR  
7 OTHER IMPERVIOUS SURFACES SHALL BE 1/16 INCH PER FOOT (1/2%). THE  
8 MINIMUM GRADIENT FOR PERVIOUS SURFACES SHALL BE 1/4 INCH PER FOOT  
9 (2%).

10 **3313.3 MAXIMUM GRADIENT.** EXCEPT WHERE RESTRICTED BY PROPERTY  
11 LINES, THE MAXIMUM GRADIENT SHALL BE 2-1/2 INCHES (21%) FOR A  
12 MINIMUM OF 4 FEET AWAY FROM BUILDING WALLS. SLOPES NOT EXCEEDING  
13 30 INCHES SHALL BE 1-1/2 TO 1. SLOPES EXCEEDING 30 INCHES SHALL BE 2  
14 TO 1. THE TOP AND BOTTOM OF BANKS AT THE SWALES SHALL BE ROUNDED  
15 FOR CONVENIENT MAINTENANCE.

16 **3313.4 FINISH GRADING.** FOR AREAS WHERE THE INSTALLATION OF LAWN  
17 OR PLANTING IS REQUIRED, THE SURFACE LAYER OF THE SOIL SHALL BE  
18 WORKABLE, FREE OF DEBRIS, AND LOT FINISHED GRADED TO COMPLY WITH  
19 GRADING DESIGN. FINISH GRADING SHALL BE DONE WHEN THE GROUND IS  
20 FROST-FREE AND THE WEATHER IS FAVORABLE. LAWN COVERS SHALL BE  
21 PROVIDED TO PREVENT THE EROSION OF SWALES AND SLOPES.

22 (70) *SECTION 3314 BURIAL OF CONSTRUCTION DEBRIS.*

23 ADD NEW SECTION 3314 AFTER SECTION 3313 AS FOLLOWS:

24 **SECTION 3314 BURIAL OF CONSTRUCTION DEBRIS.**

25 **3314.1 WHEN PROHIBITED OR PERMITTED.** THE BURIAL OF DEBRIS ON  
26 RESIDENTIAL LOTS EQUAL TO OR LESS THAN HALF AN ACRE IS PROHIBITED.  
27 BURIAL OF ORGANIC OR INORGANIC DEBRIS ON RESIDENTIAL LOTS GREATER  
28 THAN HALF AN ACRE MAY BE PERMITTED BY THE BUILDING OFFICIAL  
29 PROVIDED THAT THE DEBRIS IS GENERATED ON-SITE. BURIAL SHALL NOT BE  
30 LOCATED IN PROPOSED DRIVEWAYS OR PARKING AREAS AND SHALL NOT BE  
31 LOCATED CLOSER THAN 50 FEET FROM EXISTING OR PROPOSED BUILDINGS.

1 (71) *SUBSECTION 3401.1 SCOPE.*

2 ADD THE FOLLOWING EXCEPTION TO SUBSECTION 3401.1:

3 **EXCEPTION:** THE MARYLAND BUILDING REHABILITATION CODE, CODIFIED  
4 AT TITLE 12, SUBTITLE 10 OF THE PUBLIC SAFETY ARTICLE OF THE  
5 ANNOTATED CODE OF MARYLAND, SHALL GOVERN THE REHABILITATION OF  
6 EXISTING BUILDINGS IN HOWARD COUNTY.

7  
8 **SECTION 3.102. AMENDMENTS TO THE INTERNATIONAL RESIDENTIAL CODE, 2009**  
9 **EDITION.**

10 (A) *IN GENERAL.*

11 (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE  
12 INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY  
13 DWELLINGS, 2009 EDITION.

14 (2) AS USED IN THIS CODE, THE TERM "BUILDING OFFICIAL" MEANS THE  
15 DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS  
16 OR THE DIRECTOR’S AUTHORIZED DESIGNEE.

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

19 (4) AS USED IN THIS CODE, THE TERM “DEPARTMENT OF BUILDING SAFETY”  
20 MEANS THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS.

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

23 (1) *SUBSECTION R101.2 SCOPE.*

24 ADD THE FOLLOWING AT THE END OF THE SUBSECTION:

25 **R101.2.1 SUBDIVISION AND LAND DEVELOPMENT.** IF A SITE  
26 DEVELOPMENT PLAN IS REQUIRED BY THE HOWARD COUNTY SUBDIVISION  
27 REGULATIONS, A PERMIT SHALL NOT BE ISSUED UNTIL THE SITE  
28 DEVELOPMENT PLAN IS APPROVED.

29 **R101.2.2 SITE WORK AND SAFEGUARDS.** THE REQUIREMENTS OF THE  
30 INTERNATIONAL BUILDING CODE, CHAPTER 33, SHALL APPLY FOR SITE  
31 WORK AND SAFEGUARDS DURING CONSTRUCTION.

1           **R101.2.3 SWIMMING POOLS AND BARRIER REQUIREMENTS.** THE  
2           REQUIREMENTS OF APPENDIX G SHALL APPLY FOR THE DESIGN AND  
3           INSTALLATION OF SWIMMING POOLS AND BARRIERS.

4           **EXCEPTION:** ALTERNATIVE DEVICES. NATURAL BARRIERS, POOL COVERS,  
5           OR OTHER PROTECTIVE DEVICES APPROVED BY THE BUILDING OFFICIAL  
6           SHALL BE AN ACCEPTABLE ENCLOSURE IF THE DEGREE OF PROTECTION  
7           AFFORDED BY THE SUBSTITUTED DEVICE OR STRUCTURE IS GREATER THAN  
8           THE PROTECTION AFFORDED BY THE ENCLOSURES, GATES, AND LATCHES  
9           DESCRIBED HEREIN.

10          (2)       *SUBSECTION R102.2 OTHER LAWS.*

11           ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

12           **R102.2.1 RESIDENTIAL SPRINKLER.** RESIDENTIAL SPRINKLER SYSTEMS  
13           INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.3 OF THE  
14           INTERNATIONAL BUILDING CODE, 2009 EDITION, ARE ALLOWED FOR  
15           TOWNHOUSE SPRINKLER SYSTEMS REQUIRED BY THE FIRE LAWS CONTAINED  
16           IN THE PUBLIC SAFETY ARTICLE OF THE ANNOTATED CODE OF MARYLAND.

17           **R102.2.2 INDUSTRIALIZED (MODULAR) CONSTRUCTION.** THE  
18           CONSTRUCTION STANDARDS OF THE INDUSTRIALIZED BUILDING AND  
19           MANUFACTURED HOMES ACT, CODIFIED AT TITLE 12, SUBTITLE 3 OF THE  
20           PUBLIC SAFETY ARTICLE OF THE ANNOTATED CODE OF MARYLAND SHALL  
21           APPLY TO INDUSTRIALIZED (MODULAR) BUILDINGS.

22           **EXCEPTION:** THE HOWARD COUNTY FIRE PREVENTION CODE, SUBDIVISION  
23           AND LAND DEVELOPMENT REGULATIONS, ZONING REGULATIONS, AND  
24           SEDIMENT AND EROSION CONTROL REGULATIONS APPLY TO THE  
25           CONSTRUCTION OF INDUSTRIAL (MODULAR) BUILDINGS. THE  
26           REQUIREMENTS OF THIS CODE SHALL APPLY TO THE FOUNDATION AND SITE  
27           WORK ASSOCIATED WITH THE INSTALLATION OF INDUSTRIALIZED  
28           (MODULAR) BUILDINGS.

29           **R102.2.3 MANUFACTURED HOUSING.** THE CONSTRUCTION STANDARDS OF  
30           THE FEDERAL MOBILE HOME ACT AND THE INDUSTRIALIZED BUILDING AND  
31           MANUFACTURED HOMES ACT, CODIFIED AT TITLE 12, SUBTITLE 3 OF THE

1 PUBLIC SAFETY ARTICLE OF THE ANNOTATED CODE OF MARYLAND SHALL  
2 APPLY.

3 **EXCEPTION:** THE HOWARD COUNTY FIRE PREVENTION CODE, SUBDIVISION  
4 AND LAND DEVELOPMENT REGULATIONS, ZONING REGULATIONS, AND  
5 SEDIMENT AND EROSION CONTROL REGULATIONS APPLY TO THE  
6 CONSTRUCTION OF MANUFACTURED HOMES. THE REQUIREMENTS OF  
7 APPENDIX E OF THIS CODE, FOR DESIGN AND INSTALLATION OF FOOTINGS,  
8 FOUNDATIONS, SKIRTING AND PERIMETER ENCLOSURES, EXITS, PIERS, AND  
9 GROUND ANCHORS SHALL APPLY FOR THE SITING OF MANUFACTURED  
10 HOMES.

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

12 ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

13 **R102.4.1** WHENEVER IN THIS CODE THE TERM “NFPA 70 NATIONAL  
14 *ELECTRICAL CODE*” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR  
15 HOWARD COUNTY ADOPTED PURSUANT TO TITLE 3, SUBTITLE 2 OF THE  
16 HOWARD COUNTY CODE.

17 **R102.4.2** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*  
18 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR  
19 HOWARD COUNTY ADOPTED PURSUANT TO TITLE 3, SUBTITLE 3 OF THE  
20 HOWARD COUNTY CODE.

21 **R102.4.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE*  
22 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION  
23 CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY  
24 CODE.

25 **R102.4.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*  
26 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR  
27 HOWARD COUNTY ADOPTED PURSUANT TO TITLE 3, SUBTITLE 3 OF THE  
28 HOWARD COUNTY CODE.

29 **R102.4.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PRIVATE*  
30 *SEWAGE DISPOSAL CODE*” IS USED, IT SHALL MEAN HOWARD COUNTY  
31 WATER AND SEWER REGULATIONS ADOPTED IN TITLE 18, SUBTITLE 1,

1 SUBTITLE 12, AND SUBTITLE 15 AND IN TITLE 12, SUBTITLE 1 OF THE  
2 HOWARD COUNTY CODE.

3 **R102.4.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PROPERTY*  
4 *MAINTENANCE CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY  
5 PROPERTY MAINTENANCE CODE FOR RENTAL HOUSING ADOPTED PURSUANT  
6 TO TITLE 3, SUBTITLE 7 OF THE HOWARD COUNTY CODE.

7 **R102.4.7** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL*  
8 *MECHANICAL CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF  
9 HOWARD COUNTY ADOPTED PURSUANT TO SECTION 3.103 OF THIS  
10 SUBTITLE.

11 **R102.4.8** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL BUILDING*  
12 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE  
13 ADOPTED PURSUANT TO THIS SUBTITLE.

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

15 IN THIS SUBSECTION DELETE “*INTERNATIONAL PROPERTY MAINTENANCE*  
16 *CODE* OR THE *INTERNATIONAL FIRE CODE*” AND SUBSTITUTE “HOWARD  
17 COUNTY PROPERTY MAINTENANCE CODE FOR RENTAL HOUSING, HOWARD  
18 COUNTY FIRE PREVENTION CODE, AND THE MARYLAND BUILDING  
19 REHABILITATION CODE”.

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

21 INSERT AT THE BEGINNING OF THE FIRST SENTENCE:

22 “UNLESS EXCEPTED BY THE MARYLAND BUILDING REHABILITATION  
23 CODE,”.

24 (6) *SECTIONS R103 THROUGH R14.*

25 DELETE SECTIONS R103 THROUGH R14, INCLUSIVE AND IN THEIR ENTIRETY,  
26 AND SUBSTITUTE THE FOLLOWING:

27 **R103 ADMINISTRATION.** SECTIONS 103 THROUGH 118 OF THE  
28 INTERNATIONAL BUILDING CODE, 2009 EDITION, AS ADOPTED AND  
29 AMENDED IN THIS SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND  
30 ENFORCEMENT OF THIS CODE.

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



- 1 IN TABLE R301.2(1) INSERT THE FOLLOWING CRITERIA:
- 2 (I) IN THE COLUMN FOR “GROUND SNOW LOAD”, INSERT “25 LB”;
- 3 (II) IN THE COLUMN FOR “WIND DESIGN”, INSERT “90” UNDER “SPEED”
- 4 AND “NO” UNDER “TOPOGRAPHIC EFFECTS”;
- 5 (III) IN THE COLUMN FOR “SEISMIC DESIGN CATEGORY”, INSERT “B”;
- 6 (IV) IN THE COLUMN FOR “SUBJECT TO DAMAGE FROM”, UNDER
- 7 “WEATHERING” INSERT “SEVERE”, UNDER “FROST LINE DEPTH”
- 8 INSERT “30” AND UNDER “TERMITE” INSERT “MDD-HEAVY”;
- 9 (V) IN THE COLUMN FOR “WINTER DESIGN”, INSERT “13”;
- 10 (VI) IN THE COLUMN FOR “ICE BARRIER UNDERLAYMENT REQUIRED”,
- 11 INSERT “YES”;
- 12 (VII) IN THE COLUMN FOR “FLOOR HAZARDS”, INSERT “SEE FLOOD MAPS”;
- 13 (VIII) IN THE COLUMN FOR “AIR FREEZING INDEX” INSERT “500”; AND
- 14 (IX) IN THE COLUMN FOR “MEAN ANNUAL TEMP” INSERT “55”.
- 15 (8) *SUBSECTION R301.2.4 FLOODPLAIN CONSTRUCTION.*
- 16 IN THE EXCEPTION TO THIS SUBSECTION, DELETE “ASCE 24” AND
- 17 SUBSTITUTE “SECTION 3111, FLOODPLAIN, OF THE HOWARD COUNTY
- 18 BUILDING CODE”.
- 19 (9) *SUBSECTION R301.2.4.1 ALTERNATIVE PROVISIONS.*
- 20 DELETE THIS SUBSECTION.
- 21 (10) *SUBSECTION R308.4 HAZARDOUS LOCATIONS.*
- 22 IN NUMBER 2, AT THE END OF THE LAST SENTENCE OF EXCEPTION NUMBER 5,
- 23 INSERT “OR SAFETY GLAZE FILM IN ACCORDANCE WITH ANSI Z97.1”.
- 24 (11) *SUBSECTION R310.1 EMERGENCY ESCAPE AND RESCUE REQUIRED.*
- 25 ADD A SECOND EXCEPTION TO THIS SUBSECTION AS FOLLOWS:
- 26 **EXCEPTION 2:** RESIDENCES WITH NFPA 13D SPRINKLER SYSTEMS SHALL
- 27 MEET THE REQUIREMENTS OF THIS SECTION AND DO NOT NEED ADDITIONAL
- 28 BEDROOM OR BASEMENT EGRESS.
- 29 (12) *SUBSECTION R311.7.1 WIDTH.*
- 30 AMEND THIS SUBSECTION AS FOLLOWS:

- 1 (I) IN THE LAST SENTENCE, DELETE “27 INCHES (698 MM)” AND  
2 SUBSTITUTE “28 INCHES”; AND
- 3 (II) ADD A SECOND EXCEPTION TO THIS SUBSECTION AS FOLLOWS:  
4 **EXCEPTION 2:** SECONDARY OR AUXILIARY STAIRWAYS SHALL NOT  
5 BE LESS THAN 28 INCHES WIDE.
- 6 (13) *SUBSECTION R311.7.7.2 CONTINUITY.*  
7 ADD A THIRD EXCEPTION AS FOLLOWS:  
8 EXCEPTION 3: WHERE WALLS ARE NON-CONTINUOUS, ALTERNATIVE NON-  
9 CONTINUOUS HANDRAILS MAY BE ACCEPTED SUBJECT TO THE APPROVAL OF  
10 THE BUILDING OFFICIAL.
- 11 (14) *SUBSECTION R311.7.7.3 HANDRAIL GRIP SIZE.*  
12 DELETE THE LAST SENTENCE OF BOTH TYPE I AND TYPE II AND  
13 SUBSTITUTE, IN EACH INSTANCE:  
14 EDGES SHALL HAVE A CROSS SECTION OF DIMENSION OF 3 ¼ INCHES.
- 15 (15) *SUBSECTION R312.1 WHERE REQUIRED.*  
16 AT THE END OF THIS SUBSECTION INSERT THE FOLLOWING:  
17 DECKS, PORCHES, SCREENED PORCHES, AND BALCONIES OR RAISED FLOOR  
18 SURFACES SHALL HAVE GUARDS AS FOLLOWS:
- 19 (A) WHEN THE ELEVATION DIFFERENCE BETWEEN FLOOR OR  
20 GRADE LEVELS IS 48 INCHES OR GREATER, A GUARD RAIL AT  
21 LEAST 36 INCHES HIGH SHALL BE AFFIXED TO THE  
22 STRUCTURE.
- 23 (B) WHEN THE ELEVATION DIFFERENCE BETWEEN FLOOR OR  
24 GRADE LEVELS IS GREATER THAN 30 INCHES AND LESS THAN  
25 48 INCHES, A GUARD RAIL AT LEAST 36 INCHES HIGH SHALL  
26 BE ERECTED OR A FIXED BARRICADE SUCH AS PLANTERS,  
27 SEATS OR BENCHES SHALL BE PLACED AROUND THE  
28 PERIMETER.
- 29 (C) WHEN THE ELEVATION DIFFERENCE BETWEEN FLOOR OR  
30 GRADE LEVELS IS 30 INCHES OR LESS GUARDS ARE NOT  
31 REQUIRED.

1            (15A) SUBSECTION R313.2 ONE- AND TWO-FAMILY DWELLINGS AUTOMATIC FIRE  
2            SYSTEMS.

3            AFTER “EFFECTIVE” INSERT “FOR ALL BUILDING PERMITS APPLIED FOR ON  
4            OR AFTER”.

5            (16) *SUBSECTION R320.1 SCOPE.*

6            DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

7            **R320.1 SCOPE.** ACCESSIBLE DWELLING UNITS SHALL COMPLY WITH THE  
8            PROVISIONS OF THE MARYLAND ACCESSIBILITY CODE.

9            (17) *SUBSECTION R322.1 GENERAL.*

10           IN THE EXCEPTION TO THIS SUBSECTION, DELETE “ASCE 24” AND  
11           SUBSTITUTE “SECTION 3111, FLOODPLAIN, OF THE HOWARD COUNTY  
12           BUILDING CODE”.

13           (18) *SECTION R324 SOUND TRANSMISSION.*

14           ADD NEW SECTION R324 AFTER R323 AS FOLLOWS:

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

17           (19) *APPENDIX K, SECTION AK102.1 GENERAL.*

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

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

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

21           (21) *SECTION R325 RADON CONTROL.*

22           ADD NEW SECTION R325 AFTER SECTION R324 AS FOLLOWS:

23           **SECTION R325 RADON CONTROL.** RADON CONTROL METHODS SET FORTH  
24           IN APPENDIX F, SHALL APPLY TO THE CONSTRUCTION OF NEW RESIDENTIAL  
25           BUILDINGS.

26           (22) *SECTION R326 OPTION TO INSTALL RESIDENTIAL AUTOMATIC SPRINKLER*  
27           *SYSTEMS.*

28           ADD NEW SECTION R326 AFTER R325 AS FOLLOWS:

29           **R326 OPTION TO INSTALL RESIDENTIAL AUTOMATIC SPRINKLER**  
30           **SYSTEMS.**

1           **R326.1 OPTION TO BUYER.** A SELLER OF A NEW SINGLE FAMILY DWELLING  
2           SHALL OFFER THE INITIAL BUYER AN OPTION TO INSTALL A RESIDENTIAL  
3           AUTOMATIC SPRINKLER SYSTEM. AT THE TIME OF SIGNATURE OF THE REAL  
4           ESTATE SALES CONTRACT THE BUYER SHALL ACKNOWLEDGE RECEIPT OF  
5           THE DISCLOSURE INFORMATION REQUIRED IN SUBSECTION R326.2 OF THIS  
6           SECTION AND SHALL INDICATE WHETHER THE BUYER INTENDS TO EXERCISE  
7           THE OPTION TO INSTALL A RESIDENTIAL AUTOMATIC SPRINKLER SYSTEM TO  
8           IMPROVE THE LIFE SAFETY OF THE OCCUPANT AND TO REDUCE PROPERTY  
9           DAMAGE FROM FIRE.

10          **R326.2 DISCLOSURE OF INFORMATION.** AT THE TIME OF SIGNATURE OF A  
11          REAL ESTATE SALES CONTRACT, A SELLER SHALL GIVE THE INITIAL BUYER  
12          INFORMATION REGARDING A RESIDENTIAL AUTOMATIC SPRINKLER SYSTEM  
13          ON A FORM PROVIDED BY THE DEPARTMENT OF FIRE AND RESCUE  
14          SERVICES. A SELLER SHALL DISCLOSE THE ESTIMATED COST OF INSTALLING  
15          A RESIDENTIAL AUTOMATIC SPRINKLER SYSTEM TO A BUYER.

16          **R326.3 NOTICE.** AFTER SIGNATURE OF A REAL ESTATE SALES CONTRACT  
17          AND PRIOR TO THE ISSUANCE OF A PERMIT FOR THE CONSTRUCTION OF A  
18          NEW SINGLE FAMILY DWELLING, A SELLER SHALL NOTIFY THE DEPARTMENT  
19          OF INSPECTIONS, LICENSES AND PERMITS, WITH A COPY TO THE  
20          DEPARTMENT OF FIRE AND RESCUE SERVICES, THAT THE SELLER COMPLIED  
21          WITH THE REQUIREMENTS OF SUBSECTIONS R326.1 AND R326.2 OF THIS  
22          SECTION. THE NOTIFICATION SHALL BE ON A FORM PROVIDED BY THE  
23          DEPARTMENT OF FIRE AND RESCUE SERVICES.

24          **R326.4 PENALTY FOR FAILURE TO PROVIDE OPTION AND NOTICE.**  
25          FAILURE TO OFFER THE BUYER THE OPTION TO INSTALL AN AUTOMATIC  
26          SPRINKLER SYSTEM, OR FAILURE TO PROVIDE THE REQUIRED NOTIFICATION  
27          TO THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS IS CAUSE TO  
28          WITHHOLD THE ISSUANCE OF THE BUILDING PERMIT FOR THE DWELLING.

29          **R326.5 APPLICABILITY.** THIS SECTION SHALL NOT APPLY TO:  
30          (1)       NEW HOMES CONSTRUCTED ON LOTS WHERE THE WATER AND SEWER  
31                CONSTRUCTION PLANS RECEIVED FINAL APPROVAL PRIOR TO

1 JANUARY 1, 2005, IF THE HOUSE CONNECTION OR WATER PRESSURE  
2 WILL NOT SUPPORT A RESIDENTIAL SPRINKLER SYSTEM; OR  
3 (II) NEW HOMES FOR WHICH THE CONTRACT OF SALE WAS SIGNED PRIOR  
4 TO JANUARY 1, 2005.

5 **R326.6 SELLER ACKNOWLEDGEMENT.** THE SELLER IS DEEMED TO BE THE  
6 BUYER, MAY EXERCISE THE OPTION REQUIRED IN SUBSECTION R326.1, AND  
7 SIGN THE DISCLOSURE FORM REQUIRED IN SUBSECTION R326.2 ONLY IF:

8 (I) THERE IS NO SIGNED CONTRACT OF SALE AT THE TIME THE SELLER IS  
9 ISSUED A PERMIT FOR THE CONSTRUCTION OF THE SINGLE FAMILY  
10 DWELLING; OR

11 (II) THERE IS NO BUYER AT THE TIME THE SELLER IS ISSUED A PERMIT  
12 FOR THE CONSTRUCTION OF THE SINGLE FAMILY DWELLING.

13 (23) *SUBSECTION R403.1.4.1 FROST PROTECTION.*

14 DELETE EXCEPTION NUMBERS 1 AND 3.

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

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

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

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

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

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

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

7 AMEND THIS SUBSECTION AS FOLLOWS:

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

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

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

27 (26) *SUBSECTION R602.10.3 MINIMUM LENGTH OF BRACED PANELS.*

28 AFTER THE FIRST SENTENCE INSERT THE FOLLOWING:

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

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

10 (27) *SUBSECTION M1401.1.1 HVAC PERMIT REQUIRED.*

11 ADD NEW SUBSECTION M1401.1.1 AFTER SUBSECTION M1401.1 AS  
12 FOLLOWS:

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

16 (28) *SUBSECTION M1401.3.1 PLANS AND INFORMATION REQUIRED.*

17 ADD NEW SUBSECTION M1401.3.1 AFTER SUBSECTION M1401.3 AS  
18 FOLLOWS:

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

- 22 (I) AN INFORMATION BLOCK WITH THE:
- 23 A. SPECIFIC BUILDING ADDRESS (NOT LOT NUMBER);
  - 24 B. NAME OF THE COMPANY OR PERSON DOING WORK;
  - 25 C. NAME OF THE LICENSEE AND THEIR SIGNATURE;
  - 26 D. STATE LICENSE REGISTRATION NUMBER;
  - 27 E. SCALE USED; AND
  - 28 F. NORTH ARROW;
- 29 (II) ROOMS, WINDOWS, EXTERIOR DOORS, OR OTHER RELEVANT  
30 CONSTRUCTION FEATURES INCLUDING, BUT NOT LIMITED TO,  
31 SKYLIGHTS, PORCHES, ATTIC ACCESS TO EQUIPMENT THAT MAY

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

15                   (29)    *CHAPTER 24 THROUGH CHAPTER 43.*

16                                   DELETE THESE CHAPTERS, INCLUSIVE AND IN THEIR ENTIRETY.

17

18   **SECTION 3.103. AMENDMENTS TO THE INTERNATIONAL MECHANICAL CODE, 2009**  
19   **EDITION.**

20   (A)    *IN GENERAL.*

- 21                   (1)    AS USED IN THIS SECTION, THE TERM "THIS CODE" MEANS THE  
22                                   INTERNATIONAL MECHANICAL CODE, 2009 EDITION.
- 23                   (2)    AS USED IN THIS CODE, THE TERM "BUILDING OFFICIAL" MEANS THE  
24                                   DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS  
25                                   OR THE DIRECTOR'S AUTHORIZED DESIGNEE.
- 26                   (3)    WHERE THE NAME OF THE JURISDICTION IS TO BE INDICATED IN ANY  
27                                   SECTION OF THIS CODE, INSERT "HOWARD COUNTY".
- 28                   (4)    AS USED IN THIS CODE, THE TERM "DEPARTMENT OF MECHANICAL  
29                                   INSPECTION" MEANS THE DEPARTMENT OF INSPECTIONS, LICENSES AND  
30                                   PERMITS.



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

3 (1) SUBSECTION 101.2 SCOPE.

4 ADD A SECOND EXCEPTION TO THIS SUBSECTION AS FOLLOWS:  
5 EXCEPTION: EXISTING BUILDINGS UNDERGOING REPAIR, ALTERATION,  
6 ADDITION, OR CHANGE OF OCCUPANCY MAY COMPLY WITH THE MARYLAND  
7 REHABILITATION CODE.

8 (2) SUBSECTION 101.5 ADMINISTRATION.

9 ADD NEW SUBSECTION 101.5 AFTER SUBSECTION 101.4 AS FOLLOWS:  
10 **101.5 ADMINISTRATION.** SECTIONS 103 THROUGH 118 OF THE  
11 INTERNATIONAL BUILDING CODE, 2009 EDITION, ADOPTED IN THIS  
12 SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF  
13 THIS CODE.

14 (3) SUBSECTION 101.6 REFERENCED CODES.

15 ADD NEW SUBSECTION 101.6 AFTER SUBSECTION 101.5 AS FOLLOWS:  
16 **101.6 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND  
17 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE  
18 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH  
19 REFERENCE.

20 **101.6.1** WHENEVER IN THIS CODE THE TERM “INTERNATIONAL BUILDING  
21 CODE” IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE  
22 ADOPTED PURSUANT TO THIS SUBTITLE.

23 **101.6.2** WHENEVER IN THIS CODE THE TERM “NFPA 70 NATIONAL  
24 ELECTRICAL CODE” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR  
25 HOWARD COUNTY ADOPTED PURSUANT TO TITLE 3, SUBTITLE 2 OF THE  
26 HOWARD COUNTY CODE.

27 **101.6.3** WHENEVER IN THIS CODE THE TERM “INTERNATIONAL PLUMBING  
28 CODE” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR  
29 HOWARD COUNTY ADOPTED PURSUANT TO TITLE 3, SUBTITLE 3 OF THE  
30 HOWARD COUNTY CODE.

1           **101.6.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE CODE*”  
2 IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION CODE  
3 ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY CODE.

4           **101.6.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*  
5 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR  
6 HOWARD COUNTY ADOPTED PURSUANT TO TITLE 3, SUBTITLE 3 OF THE  
7 HOWARD COUNTY CODE.

8           **101.6.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL ENERGY*  
9 *CONSERVATION CODE*” IS USED, IT SHALL MEAN THE ENERGY  
10 CONSERVATION CODE OF HOWARD COUNTY ADOPTED PURSUANT TO  
11 SECTION 3.104 OF THIS SUBTITLE.

12       (4)    *SUBSECTION 102.1 GENERAL.*

13           ADD AN EXCEPTION TO SUBSECTION 102.1 AS FOLLOWS:

14           **EXCEPTION:** ALTERNATIVE FEATURES WHICH ARE ACCEPTED BY THE  
15 BUILDING OFFICIAL SHALL BE CONSIDERED IN CONFORMANCE WITH ALL  
16 CODES, PROVIDED THAT THE OVERALL LEVEL OF HEALTH, SAFETY AND  
17 WELFARE OF THE CODE REQUIREMENT IS NOT DIMINISHED BY THE  
18 ALTERNATIVE FEATURE.

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

20           DELETE SECTION 103 THROUGH SECTION 109, INCLUSIVE AND IN THEIR  
21 ENTIRETY.

22       (6)    *SUBSECTION 301.13 FLOOD HAZARD.*

23           IN THE EXCEPTION TO THIS SUBSECTION, DELETE “*INTERNATIONAL BUILDING*  
24 *CODE*” AND SUBSTITUTE “SECTION 3111 OF THE HOWARD COUNTY  
25 BUILDING CODE.”

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

27           IN THE THIRD SENTENCE, DELETE “THE APPLICABLE PROVISIONS OF CHAPTER  
28 7 OF”.

29       (8)    *SUBSECTION 513.12.3 AUTOMATIC CONTROL.*

30           DELETE “*INTERNATIONAL FIRE CODE*” AND SUBSTITUTE “*INTERNATIONAL*  
31 *BUILDING CODE*”.

1  
2 **SECTION. 3.104. AMENDMENTS TO THE ENERGY CONSERVATION CODE, 2009 EDITION.**

3 (A) *IN GENERAL.*

- 4 (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE  
5 INTERNATIONAL ENERGY CONSERVATION CODE, 2009 EDITION.  
6 (2) AS USED IN THIS CODE, THE TERM "CODE OFFICIAL " MEANS THE DIRECTOR  
7 OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS OR THE  
8 DIRECTOR’S AUTHORIZED DESIGNEE.  
9 (3) WHERE THE NAME OF THE JURISDICTION IS TO BE INDICATED IN ANY  
10 SECTION OF THIS CODE, INSERT "HOWARD COUNTY ".

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

13 (1) *SUBSECTION 101.1 TITLE.*

14 DELETE THIS SUBSECTION AND INSERT THE FOLLOWING:

15 **101.1 TITLE.** THESE REGULATIONS SHALL BE KNOWN AS THE ENERGY  
16 CONSERVATION CODE OF HOWARD COUNTY.

17 (2) *SUBSECTION 101.6 REFERENCED CODES.*

18 ADD NEW SUBSECTION 101.6 AFTER SUBSECTION 101.5 AS FOLLOWS:

19 **101.6 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND  
20 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE  
21 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH  
22 REFERENCE.

23 **101.6.1** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL BUILDING*  
24 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE  
25 ADOPTED PURSUANT TO THIS SUBTITLE.

26 **101.6.2** WHENEVER IN THIS CODE THE TERM “*NFPA 70 NATIONAL*  
27 *ELECTRICAL CODE*” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR  
28 HOWARD COUNTY ADOPTED PURSUANT TO TITLE 3, SUBTITLE 2 OF THE  
29 HOWARD COUNTY CODE.

30 **101.6.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*  
31 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR

1 HOWARD COUNTY ADOPTED PURSUANT TO TITLE 3, SUBTITLE 3 OF THE  
2 HOWARD COUNTY CODE.

3 **101.6.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE CODE*”  
4 IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION CODE  
5 ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY CODE.

6 **101.6.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*  
7 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR  
8 HOWARD COUNTY ADOPTED PURSUANT TO TITLE 3, SUBTITLE 3 OF THE  
9 HOWARD COUNTY CODE.

10 **101.6.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL MECHANICAL*  
11 *CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF HOWARD  
12 COUNTY ADOPTED PURSUANT TO SECTION 3.103 OF THIS SUBTITLE.

13 (3) *SECTION 101.7 ADMINISTRATION.*

14 ADD NEW SUBSECTION 101.7 AFTER SUBSECTION 101.6 AS FOLLOWS:

15 **101.7 ADMINISTRATION:** SECTIONS 103 THROUGH 118 OF THE  
16 INTERNATIONAL BUILDING CODE, 2009 EDITION, ADOPTED IN THIS  
17 SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF  
18 THIS CODE.

19 (4) *SECTION 103 THROUGH SECTION 109.*

20 DELETE SECTIONS 103 THROUGH 109, INCLUSIVE AND IN THEIR ENTIRETY.

21 (5) *SECTION 202 GENERAL DEFINITIONS.*

22 DELETE THE DEFINITION OF “CODE OFFICIAL” AND SUBSTITUTE “THE  
23 BUILDING OFFICIAL AS DEFINED IN THE HOWARD COUNTY BUILDING  
24 CODE.”

25 (6) *SECTION 401.3 CERTIFICATE.*

26 DELETE THIS SECTION.

27  
28 *Section 3. And Be It Further Enacted by the County Council of Howard County,*  
29 *Maryland, that Section 3.302 “Adoption of plumbing and gasfitting code” is added;*  
30 *subsection (c) of Section 3.303 “Administration and enforcement” is amended;*

1 subsection (e) of section 3.305 “Permits” is amended; all of Subtitle 3 “Plumbing and  
2 Gasfitting Regulations” of Title 3 “Buildings” of the Howard County Code as follows:

3  
4 **Title 3. Buildings.**

5 **Subtitle 3. Plumbing and Gasfitting Regulations.**

6  
7 **SECTION 3.302. ADOPTION OF PLUMBING AND GASFITTING CODE.**

8 (A) *ADOPTION OF NATIONAL CODES AS COUNTY CODE.* THE 2009 EDITION OF THE  
9 NATIONAL STANDARD PLUMBING CODE ILLUSTRATED, PUBLISHED BY THE  
10 PLUMBING-HEATING-COOLING CONTRACTORS-NATIONAL ASSOCIATION  
11 INCLUDING APPENDIX G, ALL AS MODIFIED BY LOCAL AMENDMENTS, AND THE  
12 NATIONAL FUEL GAS CODE (NFPA54- 2009), PUBLISHED BY THE NATIONAL FIRE  
13 PROTECTION ASSOCIATION, ARE ADOPTED AS THE PLUMBING AND GASFITTING  
14 CODE FOR HOWARD COUNTY AS IF THE NATIONAL STANDARD PLUMBING CODE  
15 ILLUSTRATED AND THE NATIONAL FUEL GAS CODE WERE SET OUT IN FULL IN THIS  
16 SUBTITLE.

17 (B) *LOCAL AMENDMENTS TO THE NATIONAL STANDARD PLUMBING CODE ILLUSTRATED.*  
18 THE FOLLOWING LOCAL AMENDMENTS MODIFY CERTAIN PROVISIONS OF THE  
19 NATIONAL STANDARD PLUMBING CODE ILLUSTRATED:

20 (1) *SECTION ADM 1.4.6 MOVED BUILDINGS OR STRUCTURES.*

21 AT THE END OF THIS SECTION, INSERT THE FOLLOWING:

22 AN INDUSTRIALIZED STRUCTURE APPROVED BY THE STATE OF MARYLAND  
23 IS EXEMPT FROM THE PROVISIONS OF THIS SUBTITLE.

24 (2) *SECTION ADM 1.6 ORGANIZATION AND ENFORCEMENT.*

25 DELETE THIS SECTION.

26 (3) *SECTION ADM 1.7 VIOLATIONS AND PENALTIES.*

27 DELETE THIS SECTION.

28 (4) *SECTION ADM 1.8 PERMITS.*

29 DELETE THIS SECTION.

30 (5) *SECTION ADM 1.9 PROCESS FOR OBTAINING PERMITS.*

31 DELETE THIS SECTION.

- 1           (6)    *SECTION ADM 1.10 PERMITS.*  
2                    DELETE THIS SECTION.
- 3           (7)    *SECTION ADM 1.11 INSPECTIONS.*  
4                    DELETE THIS SECTION.
- 5           (8)    *SECTION ADM 1.12 FINAL CONNECTIONS.*  
6                    DELETE THIS SECTION.
- 7           (9)    *SECTION ADM 1.13 UNCONSTITUTIONALITY.*  
8                    DELETE THIS SECTION.
- 9           (10) *BASIC PRINCIPLES.*  
10                   ADD PRINCIPLE NO. 23 AFTER PRINCIPLE NO. 22 AS FOLLOWS:  
11                    **PRINCIPLE NO. 23 - PIPING THROUGH ADJACENT PROPERTY.** SEWER,  
12                    WATER, AND GAS PIPING SHALL NOT BE INSTALLED THROUGH PROPERTY  
13                    OTHER THAN THE PROPERTY TO BE SERVED.  
14                    **EXCEPTION:** PIPING PROPOSED TO PASS THROUGH PROPERTY OTHER THAN  
15                    THE PROPERTY TO BE SERVED MAY BE INSTALLED THROUGH A RIGHT-OF-  
16                    WAY OR RECORDED EASEMENT WITH THE PERMISSION OF THE AUTHORITY  
17                    HAVING JURISDICTION, PROVIDED THAT:  
18                    (I)     ALL PRIVILEGES OF A RIGHT-OF-WAY OR RECORDED EASEMENT ARE  
19                    OBTAINED BY THE PROPERTY OWNER DESIRING SERVICE, WITHOUT  
20                    ANY COST, LIABILITY, OR DAMAGE TO HOWARD COUNTY;  
21                    (II)    THE RECORDED EASEMENT OR RIGHT-OF-WAY MEETS ALL  
22                    REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION; AND  
23                    (III)   THE RECORDED EASEMENT OR RIGHT-OF-WAY SHALL BE GRANTED  
24                    AND CONVEYED BY FORMAL DEED RECORDED IN THE LAND RECORDS  
25                    OF HOWARD COUNTY.
- 26           (11) *SECTION 1.2 DEFINITION OF TERMS.*  
27                    (I)     **AUTHORITY HAVING JURISDICTION.**  
28                    DELETE THE DEFINITION AND SUBSTITUTE THE FOLLOWING:  
29                    **AUTHORITY HAVING JURISDICTION:** THE AUTHORITY HAVING  
30                    JURISDICTION IS THE DIRECTOR OF THE DEPARTMENT OF  
31                    INSPECTIONS, LICENSES AND PERMITS OR THE DIRECTOR’S

1 AUTHORIZED DESIGNEE.

2 (II) INSERT THE FOLLOWING DEFINITIONS IN ALPHABETICAL ORDER, AS  
3 APPROPRIATE:

4 A. **GASFITTING:** THE INSTALLATION OR MAINTENANCE OF GAS  
5 PIPING AND EQUIPMENT DESIGNED FOR THE UTILIZATION OF  
6 GAS.

7 B. **GASOLINE SERVICE STATION:** A FACILITY OFFERING RETAIL  
8 SALES TO THE PUBLIC OF GASOLINE, MOTOR OIL,  
9 LUBRICANTS, MOTOR FUELS, TRAVEL AIDS, AND MINOR  
10 AUTOMOBILE ACCESSORIES. A GASOLINE SERVICE STATION  
11 MAY ALSO PROVIDE MOTOR VEHICLE SERVICE, REPAIRS, AND  
12 MAINTENANCE INCLUDING, BUT NOT LIMITED TO, PAINTING  
13 AND BODY WORK.

14 C. **LICENSED MASTER PLUMBER:** AN INDIVIDUAL LICENSED BY  
15 THE MARYLAND STATE BOARD OF PLUMBING TO PROVIDE  
16 PLUMBING SERVICES.

17 D. **MASTER GASFITTER:** AN INDIVIDUAL LICENSED BY THE  
18 MARYLAND STATE BOARD OF PLUMBING TO PROVIDE  
19 GASFITTING SERVICES.

20 E. **ON-SITE UTILITY:** A WATER, SEWER, OR STORM DRAIN  
21 SYSTEM SERVING PRIVATE PROPERTY EXTENDING FROM THE  
22 PROPERTY LINE TO A DISTANCE OF 5 FEET FROM ANY NEW  
23 NEWLY CONSTRUCTED IMPROVEMENT ON A PROPERTY. AN  
24 ON-SITE UTILITY SHALL INCLUDE A FINAL CONNECTION TO A  
25 PUBLIC OR PRIVATE WATER, SANITARY SEWER, OR STORM  
26 DRAIN SYSTEM. AN ON-SITE UTILITY SHALL NOT INCLUDE A  
27 CONNECTION THAT IS WITHIN 5 FEET FROM ANY NEWLY  
28 CONSTRUCTED IMPROVEMENT ON THE PROPERTY.

29 F. **ON-SITE UTILITY CONTRACTOR:** A PERSON, COMPANY,  
30 FIRM, OR CORPORATION WHOSE OFFICIAL HOLDS A HOWARD  
31 COUNTY ON-SITE UTILITY CONTRACTOR'S LICENSE.

- 1 G. **ON-SITE UTILITY WORK:** THE INSTALLATION, REPAIR, OR  
2 MAINTENANCE OF ANY ON-SITE UTILITY.
- 3 H. **PLUMBING PERMIT, EXPRESS:** A PREPAID RESIDENTIAL  
4 PERMIT THAT CAN BE USED BY A MASTER PLUMBER FOR THE  
5 INSTALLATION OF UP TO 5 PLUMBING FIXTURES.
- 6 I. **PLUMBING PLANS AND SPECIFICATIONS:** ANY PLAN OR  
7 SPECIFICATION REQUIRED BY THE AUTHORITY HAVING  
8 JURISDICTION AND BY SECTION 107.2.1.1 OF THE HOWARD  
9 COUNTY BUILDING CODE PRIOR TO ISSUANCE OF A  
10 PLUMBING PERMIT.
- 11 (12) *SECTION 2.6.10 TRENCHLESS PIPE REPLACEMENT SYSTEMS.*  
12 DELETE THIS SECTION.
- 13 (13) *SECTION 2.10 EXCLUSION OF MATERIALS DETRIMENTAL TO THE SEWERAGE*  
14 *SYSTEM.*  
15 DELETE THIS SECTION AND SUBSTITUTE THE FOLLOWING:  
16 **2.10. DISCHARGES TO THE PUBLIC SEWER SYSTEM.** ANY DISCHARGE TO  
17 THE PUBLIC SEWER SYSTEM SHALL CONFORM TO THE STANDARDS AND  
18 REQUIREMENTS OF SECTION 18.122A, “REGULATION OF DISCHARGES TO  
19 THE PUBLIC SEWER SYSTEMS”, OF THE HOWARD COUNTY CODE.
- 20 (14) *SECTION 2.16 FREEZING OR OVERHEATING.*  
21 AMEND THIS SECTION AS FOLLOWS:  
22 (I) IN NUMBERED LINE “A1.”, INSERT “36” BEFORE “INCHES”; AND,  
23 (II) IN NUMBERED LINE “A2.”:  
24 A. INSERT “30” BEFORE THE FIRST “INCHES”; AND  
25 B. DELETE THE SECOND SENTENCE THAT BEGINS “MINIMUM  
26 EARTH”.
- 27 (15) *SECTION 2.19 CONNECTION TO WATER AND SEWER SYSTEMS.*  
28 DELETE THIS SECTION.
- 29 (16) *SECTION 3.4.2 WATER SERVICE PIPING.*  
30 AFTER THE LAST SENTENCE INSERT THE FOLLOWING:  
31 WHEN USED UNDERGROUND, COPPER TUBE OR COPPER PIPE SHALL NOT BE



- 1 LESS THAN TYPE L.
- 2 (17) *SECTION 3.5.4 PLASTIC PIPING.*
- 3 DELETE THE SECOND SENTENCE OF PARAGRAPHS A AND B AND SUBSTITUTE
- 4 THE FOLLOWING IN EACH INSTANCE:
- 5 PIPE AND FITTINGS WITHIN BUILDINGS SHALL BE SCHEDULE 40.
- 6 (18) *SECTION 3.6.3 PLASTIC PIPING.*
- 7 DELETE THE SECOND SENTENCE OF PARAGRAPHS A AND B AND SUBSTITUTE
- 8 THE FOLLOWING IN EACH INSTANCE:
- 9 PIPE AND FITTINGS WITHIN BUILDINGS SHALL BE SCHEDULE 40.
- 10 (19) *SECTION 3.7.5 PLASTIC PIPING.*
- 11 DELETE THE SECOND SENTENCE OF PARAGRAPHS A AND B AND SUBSTITUTE
- 12 THE FOLLOWING IN EACH INSTANCE:
- 13 PIPE AND FITTINGS WITHIN BUILDINGS SHALL BE SCHEDULE 40.
- 14 (20) *TABLE 3.1.3 PART III NON-METALLIC PIPE AND FITTINGS.*
- 15 IN ITEM 59, DELETE THE COMMENT UNDER “ASTM F714-2008” THAT
- 16 BEGINS WITH “SEE” AND SUBSTITUTE THE FOLLOWING:
- 17 (MINIMUM SDR VALUES FOR TRENCHLESS SYSTEMS –SEE TABLES 3.4.3.5,
- 18 AND 3.7).
- 19 (21) *TABLE 3.5 MATERIALS FOR SANITARY WASTE AND DRAIN.*
- 20 AMEND THIS TABLE AS FOLLOWS:
- 21 (I) IN ITEM 13, AFTER “ASTM F714”, DELETE “(6)”; AND
- 22 (II) IN THE NOTES FOR TABLE 3.5, DELETE NOTE NUMBER 6.
- 23 (22) *TABLE 5.2 MINIMUM SIZE OF NON-INTEGRAL TRAPS.*
- 24 IN THE ROW FOR “SHOWER STALL OR SHOWER DRAIN (SINGLE SHOWER
- 25 HEAD)”, DELETE “1-1/2” AND SUBSTITUTE “2”.
- 26 (23) *SECTION 5.4.2 BUILDING SEWER.*
- 27 DELETE “VERTICALLY TO OR ABOVE” AND SUBSTITUTE “TO”.
- 28 (24) *SECTION 5.4.10 MANHOLES FOR LARGE PIPES.*
- 29 AMEND THIS SECTION AS FOLLOWS:
- 30 (I) IN ITEM A, DELETE “12” AND SUBSTITUTE “8 INCHES”;
- 31 (II) IN ITEM A, DELETE “300” AND SUBSTITUTE “400”; AND

- 1 (III) AMEND FIGURE 5.4.10, LOCATION AND SPACING OF MANHOLES TO  
2 REFLECT THE AMENDMENTS INCLUDED IN THIS PARAGRAPH.
- 3 (25) *SECTION 5.5.1 WHERE REQUIRED.*  
4 IN ITEM C, AFTER “PUBLIC”, INSERT “OR PRIVATE”.
- 5 (26) *SECTION 6.2.10 INTERCEPTOR SIZING.*  
6 ADD NEW SUBSECTION C TO READ AS FOLLOWS:  
7 C. THE MINIMUM SIZE ALLOWED FOR HYDRO-MECHANICAL INTERCEPTORS  
8 AND GREASE REMOVAL DEVICES SHALL BE 35 GPM. THE MINIMUM SIZE  
9 ALLOWED FOR GRAVITY INTERCEPTORS SHALL BE 750 GALLONS.
- 10 (27) *SECTION 7.2 FIXTURES FOR ACCESSIBLE USE.*  
11 DELETE THIS SECTION AND SUBSTITUTE THE FOLLOWING:  
12 **7.2 FIXTURES FOR ACCESSIBLE USE.** PLUMBING FIXTURES, MATERIALS,  
13 AND CLEARANCES SHALL COMPLY WITH THE MARYLAND ACCESSIBILITY  
14 CODE.
- 15 (28) *SECTION 7.10.4 SHOWER WASTE OUTLET.*  
16 IN ITEM A, IN THE FIRST SENTENCE, DELETE “1-1/2” AND SUBSTITUTE “2”.
- 17 (29) *SECTION 7.15.2 RESIDENTIAL SINK AND DISHWASHER.*  
18 DELETE THE LAST SENTENCE
- 19 (30) *SECTION 7.15.3 RESIDENTIAL SINK, DISHWASHER AND FOOD-WASTE-*  
20 *GRINDER.*  
21 DELETE THE LAST SENTENCE
- 22 (31) *TABLE 7.21.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES.*  
23 AMEND THIS TABLE AS FOLLOWS:  
24 (I) IN ITEM NUMBER 6 “MERCANTILE”, UNDER “SEE NOTES” ADD NOTE  
25 NUMBER 21.  
26 (II) IN “NOTES FOR TABLE 7.21.1.”, ADD THE FOLLOWING:  
27 21. ALL GASOLINE SERVICE STATIONS SHALL PROVIDE TOILET  
28 FACILITIES TO THE PUBLIC WHEN OPEN FOR BUSINESS. THERE SHALL  
29 BE A SEPARATE TOILET FACILITY FOR MEN AND WOMEN.
- 30 (32) *SECTION 7.21.4 SEPARATE FACILITIES.*  
31 IN EXCEPTION NUMBER (4), DELETE “1500” AND SUBSTITUTE “3000”.

1 (33) SECTION 7.21.7 FACILITIES IN MERCANTILE AND BUSINESS OCCUPANCIES  
2 SERVING CUSTOMERS.

3 IN ITEM E, DELETE “1500 SQUARE FEET IN TOTAL FLOOR AREA” AND  
4 SUBSTITUTE “3000 SQUARE FEET IN TOTAL FLOOR AREA OR OF NET SALES  
5 AREA IN MERCANTILE OCCUPANCIES”.

6 (34) SECTION 9.3.1 GENERAL.

7 DELETE SUBSECTION C AND THE EXCEPTIONS AND SUBSTITUTE THE  
8 FOLLOWING:

9 C. EXCEPT IN A DWELLING WHERE A KITCHEN SINK TRAP OR FOOD WASTE  
10 DISPOSER MAY RECEIVE DISCHARGE FROM A DISHWASHER, A PLUMBING  
11 FIXTURE THAT IS USED FOR A DOMESTIC OR CULINARY PURPOSE SHALL NOT  
12 BE USED AS A RECEPTOR FOR INDIRECT WASTE.

13 (35) SECTION 9.3.1.1 IN A SINGLE FAMILY DETACHED DWELLING UNIT, INSIDE  
14 DRAINS FOR CONDENSATE AND PRESSURE/TEMPERATURE RELIEF VALVES.

15 ADD NEW SECTION 9.3.1.1 AFTER SECTION 9.3.1 AS FOLLOWS:

16 **SECTION 9.3.1.1 IN A SINGLE FAMILY DETACHED DWELLING UNIT,**  
17 **INSIDE DRAINS FOR CONDENSATE AND PRESSURE/TEMPERATURE**  
18 **RELIEF VALVES.** AN INSIDE DRAIN FOR CONDENSATE OR A  
19 PRESSURE/TEMPERATURE RELIEF VALVE IS REQUIRED TO GO TO AN INDIRECT  
20 WASTE RECEPTOR INSIDE A BUILDING. THE INDIRECT WASTE RECEPTOR  
21 SHALL BE A 2-INCH DIAMETER, **DEEP SEAL TRAP OF NOT LESS THAN 6**  
22 **INCHES**, LOCATED UNDER THE FLOOR SLAB. A 3-INCH BY 2-INCH INCREASER  
23 MAY BE INSTALLED AND CUT FLUSH TO THE FLOOR AFTER POURING THE  
24 SLAB. BREAKING OFF THE RECEPTOR PIPE BY OTHER MEANS SUCH AS WITH A  
25 HAMMER OR BY KICKING WILL RESULT IN A FAILED INSPECTION AND THE  
26 DAMAGED PIPE SHALL BE CUTOUT AND REPAIRED. THE DEEP SEAL TRAP  
27 SHALL BE PIPED TO THE SUMP CROCK.

28 THE PRESSURE/TEMPERATURE RELIEF VALVE MAY BE DISCHARGED  
29 INTO THE CENTER OF THE INCREASER, AS LONG AS A VISIBLE AIR GAP IS  
30 MAINTAINED. THE AIR GAP SHALL BE AT LEAST TWICE THE DIAMETER OF  
31 THE DISCHARGE PIPE. A CONDENSATION LINE MAY BE INSERTED INTO THE

1 INCREASER WITHOUT AN AIR GAP. THE SEAL HAS THE EFFECT OF CONFINING  
2 THE RADON TO THE CONTROL SYSTEM. A HOME BUYER SHOULD BE  
3 REMINDED DURING THEIR WALK-THROUGH THAT THE TRAP SHOULD BE  
4 FLUSHED FROM TIME TO TIME WHEN IT IS NOT OTHERWISE BEING PRIMED BY  
5 CONDENSATION.

6 (36) *SECTION 9.3.3 PROHIBITED LOCATIONS.*

7 DELETE THE EXCEPTION.

8 (37) *SECTION 9.3.4 STANDPIPES.*

9 DELETE THE SECOND SENTENCE AND FIGURE 9.3.4C LABELED AS “LAUNDRY  
10 TRAY AND CLOTHES WASHER DRAIN”.

11 (38) *SECTION 9.4.3 AIR CONDITIONING CONDENSATE.*

12 AMEND THIS SECTION AS FOLLOWS:

13 (I) DELETE 9.4.3C.1.;

14 (II) INSERT THE FOLLOWING AT THE END OF 9.4.3C.4.:

15 A SINGLE FAMILY DWELLING UNIT SHALL NOT DISCHARGE  
16 CONDENSATE UNDERGROUND TO A FRENCH DRAIN.

17 (III) DELETE 9.4.3C.5.; AND

18 (IV) DELETE FIGURE 9.4.3-B, EXAMPLE C (THE BOTTOM HALF OF THAT  
19 FIGURE TITLED “EXAMPLES OF LAVATORY OR BATHTUB  
20 CONDENSATE CONNECTIONS”).

21 (39) *SECTION 10.5.9 PROTECTION FROM FIRE SYSTEMS.*

22 IN EXCEPTION NUMBER (4), AFTER “CONNECTION”, INSERT “CONNECTED TO  
23 A POTABLE WATER SUPPLY LOCATED WITHIN 1700 FEET OF A NON-POTABLE  
24 WATER SOURCE”.

25 (40) *SECTION 10.15.8 PLASTIC PIPING.*

26 DELETE ITEM E.

27 (41) *SECTION 10.15.9.1 WHERE REQUIRED.*

28 INSERT THE FOLLOWING AT THE END OF THIS SECTION:

29 A DRIP PAN SHALL BE INSTALLED TO PREVENT LEAKAGE UNDER AN  
30 AUTOMATIC CLOTHES WASHER.

31 (42) *SECTION 10.15.9.3 DRAINAGE.*

- 1 IN ITEM A, DELETE “, OR EXTEND TO” THROUGH THE END OF THE SENTENCE.
- 2 (43) *SECTION 10.16.6 RELIEF VALVE DISCHARGE PIPING.*
- 3 AMEND THIS SECTION AS FOLLOWS:
- 4 (I) DELETE SUBSECTION 10.16.6.E; AND
- 5 (II) RENUMBER ITEMS F AND G TO BE E AND F, RESPECTIVELY.
- 6 (44) *SECTION 11.2.3 BUILDING SEWER AND BUILDING DRAIN SIZE.*
- 7 INSERT THE FOLLOWING AFTER THE FIRST SENTENCE:
- 8 A BUILDING DRAIN SHALL BE A MINIMUM OF 4 INCHES IN DIAMETER TO THE
- 9 FIRST 3-INCH DIAMETER STACK, RUNNING UNDIMINISHED IN SIZE WITH NO
- 10 MORE THAN A 45 DEGREE OFFSET FROM THE VERTICAL THROUGH TO THE
- 11 OPEN AIR ABOVE THE ROOF.
- 12 (45) *TABLE 11.4.1 DRAINAGE FIXTURE UNIT (DFU) VALUES.*
- 13 UNDER THE HEADING “INDIVIDUAL FIXTURES”, DELETE THE ENTIRE ROW
- 14 “SHOWER STALL, 1-1/2" TRAP”
- 15 (46) *SECTION 11.5.5 MINIMUM SIZE OF UNDERGROUND DRAINAGE PIPING.*
- 16 DELETE THE EXCEPTION.
- 17 (47) *SECTION 11.7.1 BUILDING SUBDRAINS.*
- 18 ON FIGURE 11.7.1 “A BUILDING SUBDRAIN AND SEWAGE PUMP”, DELETE
- 19 NOTE 1.
- 20 (48) *SECTION 11.7.11 HIGH WATER ALARMS.*
- 21 DELETE THIS SECTION.
- 22 (49) *SECTION 12.8.2 PROVISION FOR VENTING FUTURE FIXTURES.*
- 23 DELETE “INSTALLED” THROUGH THE END OF THE SENTENCE AND
- 24 SUBSTITUTE: “CONNECTED TO THE VENT PIPING IN THE BASEMENT AND
- 25 EXTENDED THROUGH THE ATTIC TO THE OPEN AIR ABOVE THE ROOF”.
- 26 (50) *SECTION 12.12.1 RESERVED.*
- 27 DELETE “RESERVED” AND SUBSTITUTE THE FOLLOWING:
- 28 **12.12.1 WHERE REQUIRED.**
- 29 WHERE FIXTURES OTHER THAN WATER CLOSETS DISCHARGE INTO A
- 30 HORIZONTAL DRAIN BRANCH DOWNSTREAM FROM A WATER CLOSET, EACH
- 31 FIXTURE CONNECTING DOWNSTREAM SHALL BE INDIVIDUALLY VENTED.

EXCEPTIONS:

1. FIXTURES HAVING A COMMON VENT IN ACCORDANCE WITH SECTION 12.9.1.
2. LAVATORIES OR SINKS ON HORIZONTAL BRANCHES COMPLYING WITH SECTION 12.12.2.
3. FIXTURES CONNECTED TO A STACK ABOVE THE HIGHEST WATER CLOSET OR BATHTUB IN ACCORDANCE WITH SECTION 12.12.3.
4. FIXTURES THAT ARE PERMITTED TO WASH DOWN VENTS IN ACCORDANCE WITH SECTION 12.12.4.
5. FIXTURES THAT ARE BATTERY-VENTED IN ACCORDANCE WITH SECTION 12.13.

(51) *SECTION 12.16.6 AGGREGATE SIZE OF VENT TERMINALS.*

DELETE ITEM D.

(52) *SECTION 12.16.7 UNDERGROUND VENT PIPING.*

DELETE "1-1/2" AND SUBSTITUTE "2 INCHES".

(53) *SECTION 12.21 RELIEF VENT FOR BUILDING SEWER.*

ADD NEW SECTION 12.21 AFTER SECTION 12.20 AS FOLLOWS:

**12.21 RELIEF VENT FOR BUILDING SEWER.**

**12.21.1 WHERE REQUIRED.**

- (i) A RELIEF VENT SHALL BE PROVIDED ON A BUILDING DRAIN BETWEEN A BUILDING SEWER AND THE FIRST FIXTURE CONNECTION IF:
  - A. THE DRAINAGE SYSTEM DISCHARGES TO A SEPTIC TANK; OR
  - B. THE BUILDING SEWER CONNECTS TO A PUBLIC SEWER THAT IS SUBJECT TO OVERLOAD OR SURCHARGE AND A RELIEF VENT IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION; OR
- (ii) THE SUBMERGED CONDITION IN EITHER THE PUBLIC OR PRIVATE POINT OF DISPOSAL IS A FORM OF "DOUBLE TRAPPING" OF THE SYSTEM. THE AIR IN THE BUILDING DRAIN AND THE BUILDING SEWER SHALL BE RELIEVED AS THE DISCHARGE FLOWS DOWNSTREAM. THE AUTHORITY HAVING JURISDICTION IS USUALLY FAMILIAR WITH SITES

1 WHERE THE SEWER SYSTEM IS OVERLOADED.

2 **12.21.2 VENT SIZE.** A RELIEF VENT FOR A BUILDING SEWER SHALL NOT BE  
3 LESS THAN HALF THE SIZE OF THE BUILDING DRAIN TO WHICH IT CONNECTS  
4 OR LESS THAN 2 INCHES IN SIZE.

5 **12.21.3 VENT WASHDOWN.** A RELIEF VENT REQUIRED UNDER SECTION  
6 12.19.1 MAY SERVE AS A BRANCH DRAIN FOR ONE OR MORE FIXTURES  
7 PROVIDED THAT NO MORE THAN 2 DFU DRAIN TO A 2-INCH RELIEF VENT OR  
8 PROVIDED THAT NO MORE THAN 4 DFU DRAIN TO A 3-INCH RELIEF VENT.

9 (54) *SECTION 13.1.1 WHERE REQUIRED.*

10 AMEND THIS SECTION AS FOLLOWS:

11 (I) IN THE FIRST SENTENCE, DELETE “, A COMBINED SEWER WHERE  
12 NECESSARY,”; AND

13 (II) IN THE EXCEPTION DELETE “OR STREETS”.

14 (55) *SECTION 13.1.5 FOUNDATION DRAINS.*

15 IN THE FIRST SENTENCE OF ITEM D, DELETE “STREET, ALLEY,”.

16 (56) *CHAPTER 16 REGULATIONS GOVERNING INDIVIDUAL SEWAGE DISPOSAL*

17 *SYSTEMS FOR HOMES AND OTHER ESTABLISHMENTS WHERE PUBLIC SEWAGE*  
18 *SYSTEMS ARE NOT AVAILABLE.*

19 DELETE THIS CHAPTER IN ITS ENTIRETY.

20 (57) *CHAPTER 17 POTABLE WATER SUPPLY SYSTEMS.*

21 DELETE THIS CHAPTER IN ITS ENTIRETY.

22 (58) *CHAPTER 18 MOBILE HOME & TRAVEL TRAILER PARK PLUMBING STANDARDS.*

23 DELETE THIS CHAPTER IN ITS ENTIRETY.

24  
25 **Section 3.303. Administration and enforcement.**

26 (c) *Stop work order.* A stop work order shall be administered as set forth in section  
27 [[114]] 115 of the Howard County Building Code.

28  
29 **Section 3.305. Permits.**

30 (e) *Duration of permit.* Unless work authorized by a permit is commenced within  
31 [[one year]] 180 DAYS after its issuance, the permit shall become invalid. If work

1 authorized by a permit is suspended or abandoned for a period exceeding [[one  
2 year]] 180 DAYS after the work is commenced the permit shall become invalid.  
3 The authority having jurisdiction is authorized to grant, in writing, one or more  
4 extensions of time, for periods of not more than 180 days each. The extension  
5 request shall be in writing and shall demonstrate reasonable cause.  
6 An express plumbing permit shall [[have no expiration date]] EXPIRE ONE YEAR  
7 FROM THE DATE OF ISSUANCE.

8  
9 ***Section 4. And Be It Further Enacted by the County Council of Howard County,***  
10 ***Maryland, that Section 3.102(b)(22), Option to Install Residential Automatic Sprinkler***  
11 ***Systems and Section 17.108, Option to Install Residential Automatic Sprinkler Systems,***  
12 ***both of the Howard County Code shall terminate and be of no effect after December 31,***  
13 ***2010.***

14  
15 ***Section 5. And Be It Further Enacted by the County Council of Howard County,***  
16 ***Maryland, that, until January 1, 2011, for purposes of Subsection R311.7.4.1 Riser***  
17 ***height, the maximum riser height shall be 8 ¼ inches (210 mm) and for purposes of***  
18 ***Subsection R311.7.4.2, Tread depth, the minimum tread depth shall be 9 inches (229***  
19 ***mm), both of the International Residential Code, 2009 Edition; and after January 1,***  
20 ***2011, riser height and tread depth shall be those indicated in the International***  
21 ***Residential Code, 2009 Edition.***

22  
23 ***Section 6. And Be It Further Enacted by the County Council of Howard County,***  
24 ***Maryland, that this Act shall become effective 61 days after its enactment.***