

Introduced 04-07-2025
Public Hearing 04-21-2025
Council Action 07-07-2025
Executive Action 07-08-2025
Effective Date 09-07-2025

County Council of Howard County, Maryland

2025 Legislative Session

Legislative Day No. 5

Bill No. 24 -2025

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

Short Title: Adopting – Howard County Building Code

Title: AN ACT adopting the International Building Code, 2024, the International Residential Code, 2024, the International Mechanical Code, 2024, the International Energy Conservation Code, 2024, and the International Swimming Pool and Spa Code, 2024 Edition; providing that such codes collectively comprise the Howard County Building Code; regulating the design, construction, alteration, improvement, or modification of a building, structure, or other related equipment; adopting certain local amendments to the Building Code; adopting penalties for the violation of the Building Code; making certain technical corrections; and generally relating to the regulation of building and construction in Howard County.

Introduced and read first time April 7, 2025. Ordered posted and hearing scheduled.
By order Michelle Harrod
Michelle Harrod, 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 April 21, 2025.

By order Michelle Harrod
Michelle Harrod, Administrator

This Bill was read the third time on July 7, 2025 and Passed ☒ Passed with amendments ☒ Failed ☐.

By order Michelle Harrod
Michelle Harrod, Administrator

Sealed with the County Seal and presented to the County Executive for approval this 8 day of July, 2025 at 5⁰⁰ a.m./p.m.

By order Michelle Harrod
Michelle Harrod, Administrator

Approved/Vetted by the County Executive July 8, 2025

Calvin Ball
Calvin Ball, 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.

Extend l.c. to July 21, 2025 and Tabled May 5, 2025 Michelle Harrod

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

By repealing and reenacting:

Title 3. Buildings.

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

Title 3. Buildings.

Section 3.101. Amendments to the International Building Code, 2024 Edition.

Title 3. Buildings.

Section 3.102. Amendments to the International Residential Code, 2024 Edition.

Title 3. Buildings.

Section 3.103. Amendments to the International Mechanical Code, 2024 Edition.

Title 3. Buildings.

Section 3.104. Amendments to the International Energy Conservation Code, 2024 Edition.

By adding:

Title 3. Buildings

Section 3.107 "Amendments to the International Swimming Pool and Spa Code, 2024 Edition.

Title 3. Buildings.

Subtitle 1. Building code.

SECTION 3.100. HOWARD COUNTY BUILDING CODE; ADOPTION OF INTERNATIONAL CODES.

(A) *IN GENERAL.* EXCEPT AS AMENDED IN SECTIONS 3.101, 3.102, 3.103, 3.104 AND 3.107 OF THIS SUBTITLE, THE CODES ENUMERATED IN THIS SECTION ARE HEREBY

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

(B) *ADOPTED CODES.*

- (1) THE INTERNATIONAL BUILDING CODE, 2024 EDITION, PUBLISHED BY THE
INTERNATIONAL CODE COUNCIL, INC.
- (2) THE INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY
DWELLINGS, 2024 EDITION, PUBLISHED BY THE INTERNATIONAL CODE
COUNCIL, INC.
- (3) THE INTERNATIONAL MECHANICAL CODE, 2024 EDITION, PUBLISHED BY
THE INTERNATIONAL CODE COUNCIL, INC.
- (4) THE INTERNATIONAL ENERGY CONSERVATION CODE, 2024 EDITION,
PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, INC.
- (5) THE LIFE SAFETY CODE, 2024 EDITION, PUBLISHED BY THE NATIONAL FIRE
PROTECTION ASSOCIATION.
- (6) THE HOWARD COUNTY ELECTRICAL CODE, ADOPTED PURSUANT TO TITLE
3, SUBTITLE 2 OF THE HOWARD COUNTY CODE.
- (7) THE PLUMBING AND GASFITTING CODE FOR HOWARD COUNTY ADOPTED
PURSUANT TO TITLE 3, SUBTITLE 3 OF THE HOWARD COUNTY CODE.
- (8) THE MARYLAND STATE ACCESSIBILITY CODE.
- (9) THE HOWARD COUNTY SIGN CODE, ADOPTED PURSUANT TO TITLE 3,
SUBTITLE 5 OF THE HOWARD COUNTY CODE.
- (10) INTERNATIONAL SWIMMING POOL AND SPA CODE (ISPSC), 2024 EDITION

**SECTION 3.101. AMENDMENTS TO THE INTERNATIONAL BUILDING CODE, 2024
EDITION.**

(A) *IN GENERAL.*

- (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE
INTERNATIONAL BUILDING CODE, 2024 EDITION.
- (2) AS USED IN THIS CODE, THE TERM “BUILDING OFFICIAL” MEANS THE
DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
OR THE DIRECTOR’S AUTHORIZED DESIGNEE.

- (3) WHERE THE NAME OF THE JURISDICTION IS TO BE INDICATED IN ANY SECTION OF THIS CODE, INSERT "HOWARD COUNTY".
- (4) AS USED IN THIS CODE, THE TERM "DEPARTMENT OF BUILDING SAFETY" MEANS THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS.
- (B) *LOCAL AMENDMENTS.* THE FOLLOWING AMENDMENTS MODIFY CERTAIN PROVISIONS OF THE ADOPTED CODE.
- (1) *SUBSECTION 101.1 TITLE.*
DELETE THIS SUBSECTION.
- (2) *SUBSECTION 101.2 SCOPE.*
DELETE THE EXCEPTION AND SUBSTITUTE THE FOLLOWING:
EXCEPTION 1: DETACHED ONE-FAMILY AND TWO-FAMILY DWELLINGS AND MULTIPLE SINGLE-FAMILY DWELLINGS (TOWNHOUSES) NOT MORE THAN THREE STORIES HIGH WITH SEPARATE MEANS OF EGRESS AND THEIR ACCESSORY STRUCTURES SHALL COMPLY WITH THE INTERNATIONAL RESIDENTIAL CODE AND SECTION 3115 OF CHAPTER 31, SPECIAL CONSTRUCTION, OF THIS CODE.
EXCEPTION 2: AGRICULTURAL BUILDINGS. THE PROVISIONS OF THIS CODE SHALL NOT APPLY TO THE CONSTRUCTION, ALTERATION, ADDITION, REPAIR, REMOVAL, DEMOLITION, USE, LOCATION OR MAINTENANCE OF AGRICULTURE BUILDINGS. THIS PROVISION DOES NOT EXEMPT THE OWNER OF AN AGRICULTURAL BUILDING FROM OBTAINING REQUIRED ELECTRICAL OR PLUMBING PERMITS OR FROM COMPLYING WITH ALL OTHER APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS, LAWS AND ORDINANCES.
- (3) *SUBSECTION 101.3.1 NATURE OF CERTAIN ACTIONS.*
ADD NEW SUBSECTION 101.3.1 AFTER SUBSECTION 101.3 AS FOLLOWS:
101.3.1. NATURE OF CERTAIN ACTIONS. THE PURPOSE OF ACTIONS TAKEN BY THE JURISDICTION PURSUANT TO THIS CODE IS PURELY GOVERNMENTAL IN NATURE AND ARE CONDUCTED SOLELY FOR THE PUBLIC BENEFIT. ACTIONS TAKEN PURSUANT TO THIS CODE ARE NOT TO BE CONSTRUED AS PROVIDING ANY WARRANTY OF DESIGN OR CONSTRUCTION TO ANY PERSON.
- (4) *SUBSECTION 101.4 REFERENCED CODES.*

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

2 (5) *SUBSECTION 101.4.1 GAS.*

3 DELETE SUBSECTION 101.4.1 AND SUBSTITUTE THE FOLLOWING:

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

7 (6) *SUBSECTION 101.4.2 MECHANICAL.*

8 DELETE SUBSECTION 101.4.2 AND SUBSTITUTE THE FOLLOWING:

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

13 (7) *SUBSECTION 101.4.3 PLUMBING.*

14 DELETE SUBSECTION 101.4.3 AND SUBSTITUTE THE FOLLOWING:

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

22 (8) *SUBSECTION 101.4.4 PROPERTY MAINTENANCE.*

23 DELETE SUBSECTION 101.4.4 AND SUBSTITUTE THE FOLLOWING:

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

28 (9) *SUBSECTION 101.4.5 FIRE PREVENTION.*

29 DELETE SUBSECTION 101.4.5 AND SUBSTITUTE THE FOLLOWING:

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

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

(10) *SUBSECTION 101.4.6 ENERGY.*

DELETE SUBSECTION 101.4.6 AND SUBSTITUTE THE FOLLOWING:

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

(11) *SUBSECTION 101.4.7 EXISTING BUILDINGS.*

DELETE SUBSECTION 101.4.7 AND SUBSTITUTE THE FOLLOWING:

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

(12) *SUBSECTIONS 101.4.8 ELECTRICAL.*

ADD NEW SUBSECTION 101.4.8 AFTER SUBSECTION 101.4.7 AS FOLLOWS:

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

(13) *SUBSECTION 101.4.9 ACCESSIBILITY.*

ADD NEW SUBSECTION 101.4.9 AFTER SUBSECTION 101.4.8 AS FOLLOWS:

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

(14) *SUBSECTION 101.4.10 SIGNS.*

ADD NEW SUBSECTION 101.4.10 AFTER SUBSECTION 101.4.9 AS FOLLOWS:

101.4.10 SIGNS. THE PROVISIONS OF SUBTITLE 5 OF THIS TITLE SHALL APPLY TO THE LOCATION, INSTALLATION, AND MAINTENANCE OF SIGNS IN HOWARD COUNTY.

(15) *SUBSECTION 101.4.11 RESIDENTIAL CODE.*

ADD NEW SUBSECTION 101.4.11 AFTER SUBSECTION 101.4.10 AS FOLLOWS:

101.4.11 RESIDENTIAL. WHENEVER THE TERM “*INTERNATIONAL 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.

(16) *SECTION 103 CODE COMPLIANCE AGENCY.*

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

**“SECTION 103
ENFORCEMENT AGENCY”**

(17) *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.

(18) *SUBSECTION 103.2 APPOINTMENT.*

DELETE THIS SUBSECTION.

(19) *SUBSECTION 103.3 DEPUTIES.*

DELETE THIS SUBSECTION.

(20) *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.

(21) *SUBSECTION 104.2.4.1 FLOOD HAZARD AREAS.*

DELETE THIS SUBSECTION.

1 (22) *SUBSECTION 104.8.1 LEGAL DEFENSE.*

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

6 (22) *SUBSECTION 105.1.1 ANNUAL PERMIT.*

7 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

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

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

16 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

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

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

24 ADD NEW SUBSECTION 105.1.2.1 AFTER SUBSECTION 105.1.2 AS FOLLOWS:

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

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

- 1 RENOVAION PROCESS TO ASSURE COMPLIANCE WITH THE HOWARD
2 COUNTY CODE;
- 3 (II) A DESCRIPTION OF HOW THE APPLICANT ASSURES CODE
4 COMPLIANCE BY ADHERING TO WRITTEN PROCEDURES OF QUALIFIED
5 PERSONS TO PERFORM THE SCOPE OF THE WORK COVERED BY THE
6 APPLICATION;
- 7 (III) A DESCRIPTION OF THE APPLICANT’S PROCESS FOR PLAN
8 DEVELOPMENT, PLAN REVIEW, AND INSPECTION;
- 9 (IV) A DESCRIPTION OF THE MEANS TO ASSURE COMPLIANCE WITH FIRE
10 PROTECTION ELEMENTS OF THE BUILDING AND SYSTEMS AFFECTED
11 BY THE PROPOSED ALTERATION OR RENOVATION; AND
- 12 (V) IF APPLICABLE, A STATEMENT OF COMPLIANCE FOR ACCESSIBILITY.
- 13 (26) *SUBSECTION 105.2 WORK EXEMPT FROM PERMIT.*
14 IN THE SECOND SENTENCE AFTER “FOLLOWING”, INSERT “HOWEVER,
15 EXEMPTIONS DO NOT APPLY TO STRUCTURES LOCATED IN THE FLOODPLAIN”
16 AND IN THE SUBSECTION TITLED “BUILDING”:
- 17 (I) IN ITEM 1, DELETE “120 SQUARE FEET (11 m²)” AND SUBSTITUTE
18 “200 SQUARE FEET WITH A ROOF EAVE HEIGHT OF NOT MORE THAN
19 10 FT”;
- 20 (II) IN ITEM 4, DELETE “4 FEET (1219 MM)” AND SUBSTITUTE “3 FEET”
21 AND DELETE “BOTTOM OF THE FOOTING” AND SUBSTITUTE “LOWEST
22 ADJACENT GRADE”;
- 23 (III) IN ITEM 6, AFTER “ADJACENT GRADE,”, DELETE THE REST OF THE
24 SENTENCE;
- 25 (IV) IN ITEM 11, DELETE “ACCESSORY TO DETACHED ONE- AND TWO-
26 FAMILY DWELLINGS”;
- 27 (V) IN ITEM 12, DELETE “IN GROUP R-3 AND U OCCUPANCIES,” AND
28 DELETE “54 INCHES (1372 MM)” AND SUBSTITUTE “48 INCHES”; AND
- 29 (VI) IN ITEM 13, BEFORE “COUNTERS”, INSERT AN “AND” AND DELETE
30 THE REMAINDER OF THE SENTENCE AFTER “COUNTERS”.
- 31 (VII) ADD THE FOLLOWING AS ITEM 14 AT THE END OF THIS SUBSECTION:

14. THE FOLLOWING WORK ON EXISTING SINGLE-FAMILY
DWELLINGS:

A. EXTERIOR:

1. REPLACEMENT OF ROOF COVERINGS WITH NO OTHER
STRUCTURAL REPAIRS.
EXCEPTION: UP TO 64 SQUARE FOOT OF ROOF
SHEATHING;
2. INSTALLATION OF NON-STRUCTURAL SIDING,
INCLUDING, BUT NOT LIMITED TO, ALUMINUM OR
VINYL SIDING;
3. INSTALLATION OF FASCIA, SOFFIT TRIM, GUTTERS, OR
DOWNSPOUTS;
4. REPLACEMENT OF WINDOWS OR DOORS WHEN THERE
IS NO CHANGE IN THE ROUGH OPENING SIZE;
5. INSTALLATION OF CANVAS OR FIXED AWNINGS;
6. REPLACEMENT OF EXTERIOR LIGHTING FIXTURES; OR
7. CONSTRUCTION OR INSTALLATION OF DETACHED
FREESTANDING DECKS THAT ARE LESS THAN 25
SQUARE FEET IN AREA AND LESS THAN 30 INCHES
ABOVE GRADE.

B. INTERIOR:

1. INSTALLATION OF RADON SYSTEMS;
2. PAINTING, WALLPAPERING, OR FLOOR COVERING;
3. INSTALLATION OF KITCHEN OR BATHROOM
CABINETS, COUNTER TOPS, NON-GAS APPLIANCES
4. REPLACEMENT OF PANELING OR WALLBOARD;
5. REPLACEMENT OF DOORS WHEN THERE IS NO
CHANGE IN THE ROUGH OPENING SIZE;
6. INSTALLATION OF ADDITIONAL INSULATION;
7. INSTALLATION OF BURGLAR, FIRE, AND OTHER
ALARM SYSTEMS AND SMOKE DETECTORS;

8. REPLACEMENT OF CEILING FANS, LIGHT FIXTURES,
OR RECEPTACLES.

C. THE FOLLOWING ADDITIONAL STRUCTURES:

1. ONE STORY NON-CONDITIONED DETACHED
ACCESSORY STRUCTURES LESS THAN 200 SQUARE
FEET IN AREA INCLUDING, BUT NOT LIMITED TO,
STORAGE SHEDS, KIOSKS, GAZEBOS, ARBORS, OR
PLAYHOUSES;
2. INSTALLATION OF GREENHOUSES FOR PERSONAL USE
ONLY;
3. INSTALLATION OF TENTS OR CANOPIES 120 SQ FT OR
LESS;
4. INSTALLATION OF FENCES UNLESS THE FENCE IS
OVER 7 FEET HIGH OR ENCLOSURES A SWIMMING POOL;
OR
5. INSTALLATION OF MAILBOXES.

D. SITE WORK:

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

(27) *SUBSECTION 105.3 APPLICATION FOR PERMIT.*

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

TO OBTAIN A PERMIT, THE OWNER, OWNER'S AGENT, LESSEE, LESSEE'S
AGENT, OR THE REGISTERED DESIGN PROFESSIONAL EMPLOYED TO
COMPLETE THE PROPOSED WORK ON A BUILDING OR STRUCTURE SHALL

1 APPLY FOR A PERMIT. THE APPLICATION SHALL STATE, AS APPLICABLE, THE
2 FULL NAME AND ADDRESS OF THE OWNER, OWNER’S AGENT, LESSEE,
3 LESSEE’S AGENT, AND THE REGISTERED DESIGN PROFESSIONAL EMPLOYED
4 TO COMPLETE THE PROPOSED WORK. IF THE APPLICANT IS NOT AN
5 INDIVIDUAL, SUCH AS, WITHOUT LIMITATION, A PARTNERSHIP, LIMITED
6 PARTNERSHIP, CORPORATION, LIMITED LIABILITY COMPANY, OR OTHER
7 SUCH ENTITY, THE APPLICATION SHALL STATE THE NAME AND ADDRESS OF
8 THE PERSONS RESPONSIBLE FOR MANAGING THE BUSINESS INCLUDING, BUT
9 NOT LIMITED TO, PARTNERS, DIRECTORS, OR OFFICERS.

10 (28) *SUBSECTION 105.8. CONTRACTOR LICENSING REQUIREMENTS IN RESIDENTIAL*
11 *ONE AND TWO-FAMILY DWELLINGS:*

12 ADD NEW SUBSECTION 105.8 AFTER SUBSECTION 105.7 AS FOLLOWS:

13 **SECTION 105.8 CONTRACTOR LICENSING REQUIREMENTS IN**
14 **RESIDENTIAL ONE AND TWO-FAMILY DWELLINGS:**

15 HOMEOWNERS OF ONE AND TWO-FAMILY DWELLINGS, AS DEFINED BY THE
16 HOWARD COUNTY BUILDING CODE, MAY ACT AS THEIR OWN GENERAL
17 CONTRACTOR FOR ALTERATIONS AND ADDITIONS IF THEY OWN THE
18 PROPERTY IN QUESTION AND THE PROPERTY IS THEIR PRIMARY RESIDENCE. IF
19 THE PROPERTY IS RENTAL PROPERTY, OR NOT THEIR PRIMARY RESIDENCE,
20 THEN THEY MUST HAVE A MARYLAND HOME IMPROVEMENT CONTRACTORS
21 LICENSE OR A MARYLAND HOME BUILDERS LICENSE IN ACCORDANCE WITH
22 THE STATE OF MARYLAND LICENSING LAWS.

23 (29) *SECTION 106 FLOOR AND ROOF DESIGN LOADS*

24 DELETE THIS SECTION.

25 (30) *SUBSECTION 107.2.1.1. ADDITIONAL INFORMATION REQUIRED.*

26 ADD NEW SUBSECTION 107.2.1.1 AFTER SUBSECTION 107.2.1 AS FOLLOWS:

27 **107.2.1.1 ADDITIONAL INFORMATION REQUIRED.**

28 (I) DOCUMENTS SUBMITTED FOR DETACHED ONE- OR TWO-FAMILY
29 DWELLINGS INCLUDING NEW CONSTRUCTION, ALTERATIONS, MINOR
30 ADDITIONS, OR OTHER STRUCTURES SHALL INCLUDE THE
31 FOLLOWING ADDITIONAL INFORMATION:

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. 4 COPIES OF PLOT PLANS OR 1 COPY 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 IN AREA.

- 19 2. WHERE WAIVED, THE APPLICATION SHALL BE
20 ACCOMPANIED BY 4 COPIES OF PLOT PLANS OR 1
21 COPY 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

CONDITIONING), PLUMBING, AND ELECTRICAL
CONSTRUCTION DOCUMENTS. THE DOCUMENTS SHALL:

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

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

C. THE BUILDING OFFICIAL MAY WAIVE THE REQUIREMENTS OF
PLANS SUBMITTED IF THE WORK IS OF A MINOR INTERIOR OR
NONSTRUCTURAL NATURE.

(31) *SUBSECTION 107.2.6.2 SUBDIVISION AND LAND DEVELOPMENT REGULATIONS,
TITLE 16 OF THE HOWARD COUNTY CODE.*

ADD NEW SUBSECTION 107.2.6.2 AFTER SUBSECTION 107.2.6.1 AS
FOLLOWS:

**107.2.6.2 SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, TITLE
16 OF THE HOWARD COUNTY CODE.** IF A SITE DEVELOPMENT PLAN IS

1 REQUIRED BY THE HOWARD COUNTY SUBDIVISION REGULATIONS, A PERMIT
2 SHALL NOT BE ISSUED UNTIL THE SITE DEVELOPMENT PLAN IS APPROVED
3 UNLESS AUTHORIZED BY THE DIRECTOR OF PLANNING AND ZONING.

4 (32) *SUBSECTION 109.2 SCHEDULE OF PERMIT FEES.*

5 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

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

11 (33) *SUBSECTION 109.2.1 FEE EXEMPTIONS.*

12 ADD NEW SUBSECTION 109.2.1 AFTER SUBSECTION 109.2 AS FOLLOWS:

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

18 (34) *SUBSECTION 109.5.1 REINSPECTION FEES.*

19 ADD NEW SUBSECTION 109.5.1 AFTER SUBSECTION 109.5 AS FOLLOWS:

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

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

C. THE OMISSION OF FIRE STOPPING.

(35) *SUBSECTION 110.3 REQUIRED INSPECTIONS.*

DELETE THE SENTENCE THAT BEGINS “THE *BUILDING OFFICIAL*” AND
SUBSTITUTE: “AFTER ISSUING A BUILDING PERMIT, THE BUILDING OFFICIAL
SHALL CONDUCT INSPECTIONS FROM TIME TO TIME DURING AND UPON
COMPLETION OF THE WORK FOR WHICH THE PERMIT HAS BEEN ISSUED.
RECORDS OF INSPECTIONS AND VIOLATIONS SHALL BE MAINTAINED BY THE
BUILDING OFFICIAL. AN INSPECTION MAY INCLUDE ANY OF THE
INSPECTIONS AS SET FORTH IN SUBSECTIONS 110.3.1 THROUGH 110.3.12 OF
THIS SECTION.”

(36) *SUBSECTION 111.1 CHANGE OF OCCUPANCY.*

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

(37) *SUBSECTION 111.2 CERTIFICATE ISSUED.*

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

(38) *SECTION 113 MEANS OF APPEALS.*

DELETE THIS SECTION IN ITS ENTIRETY AND SUBSTITUTE THE FOLLOWING:

1 **SECTION 113 MEANS OF APPEAL.**

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

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

16 (39) *SUBSECTION 114.2 NOTICE OF VIOLATION.*

17 AMEND THIS SUBSECTION AS FOLLOWS:

- 18 (I) INSERT "OWNER OR" BEFORE "PERSON RESPONSIBLE FOR"; AND
19 (II) ADD THE FOLLOWING SENTENCE TO THE END OF THIS SUBSECTION:
20 A NOTICE OF VIOLATION MAY BE SERVED IN ONE OF THE FOLLOWING
21 METHODS:
22 A. PERSONAL SERVICE;
23 B. CERTIFIED OR REGISTERED MAIL, RESTRICTED DELIVERY,
24 RETURN RECEIPT REQUESTED;
25 C. FIRST CLASS MAIL TO THE OWNER'S ADDRESS AS STATED IN
26 THE RECORDS OF THE STATE DEPARTMENT OF ASSESSMENTS
27 AND TAXATION; OR
28 D. WHEN SERVICE IS NOT OBTAINED BY ONE OF THESE
29 METHODS, THE NOTICE MAY BE POSTED IN A CONSPICUOUS
30 PLACE AT THE JOB SITE.

31 (40) *SUBSECTION 114.4 VIOLATION PENALTIES.*

DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

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

(41) *SUBSECTION 114.5 WITHHOLDING OF INSPECTIONS AND PERMITS.*

ADD NEW SUBSECTION 114.5 AFTER SUBSECTION 114.4 AS FOLLOWS:

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

(42) *SUBSECTION 115.2.1 SERVICE OF STOP WORK ORDERS.*

ADD NEW SUBSECTION 115.2.1 AFTER SUBSECTION 115.2 AS FOLLOWS:

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

(43) *SUBSECTION 115.3 EMERGENCIES.*

DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

115.3 UNLAWFUL CONTINUANCE. A PERSON SHALL NOT PERFORM WORK AFTER SERVICE OF A STOP WORK ORDER EXCEPT WORK THAT IS PERFORMED

1 AT THE DIRECTION OF THE BUILDING OFFICIAL TO ABATE A VIOLATION OF
2 THIS CODE OR AN UNSAFE CONDITION.

3 (44) *SUBSECTION 115.4 FAILURE TO COMPLY.*

4 DELETE SUBSECTION 115.4 AND SUBSTITUTE THE FOLLOWING:

5 **115.4 PROSECUTION FOR FAILING TO STOP WORK.** THE BUILDING
6 OFFICIAL MAY REQUEST THAT THE OFFICE OF LAW INSTITUTE THE
7 APPROPRIATE PROCEEDING AT LAW OR IN EQUITY TO PREVENT OR RESTRAIN
8 ANY WORK PERFORMED IN VIOLATION OF THIS SECTION.

9 (45) *SUBSECTION 115.5 VIOLATION PENALTIES.*

10 ADD NEW SUBSECTION 115.5 AFTER SUBSECTION 115.4 AS FOLLOWS:

11 **115.5 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND
12 CONCURRENT WITH THE REMEDIES SET FORTH IN SUBSECTION 115.4, THE
13 BUILDING OFFICIAL MAY ENFORCE THIS SECTION PURSUANT TO TITLE 24,
14 “CIVIL PENALTIES” OF THE HOWARD COUNTY CODE. A VIOLATION OF THIS
15 SECTION IS A CLASS B OFFENSE. EACH DAY THAT A VIOLATION CONTINUES
16 IS A SEPARATE OFFENSE.

17 (46) *SUBSECTION 116.6 DISREGARDING NOTICE.*

18 ADD NEW SUBSECTION 116.6 AFTER SUBSECTION 116.5 AS FOLLOWS:

19 **116.6 DISREGARDING NOTICE.** FAILURE TO COMPLY WITH A NOTICE
20 ISSUED UNDER THIS SECTION IS A VIOLATION OF THIS CODE.

21 (47) *SUBSECTION 116.7 PROSECUTION.*

22 ADD NEW SUBSECTION 116.7 AFTER SUBSECTION 116.6 AS FOLLOWS:

23 **116.7 PROSECUTION.** THE BUILDING OFFICIAL MAY REQUEST THAT THE
24 OFFICE OF LAW INSTITUTE THE APPROPRIATE PROCEEDING AT LAW OR IN
25 EQUITY TO PREVENT OR RESTRAIN ANY WORK PERFORMED IN VIOLATION OF
26 THIS SECTION.

27 (48) *SUBSECTION 116.8 VIOLATION PENALTIES.*

28 ADD NEW SUBSECTION 116.8 AFTER SUBSECTION 116.7 AS FOLLOWS:

29 **116.8 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND
30 CONCURRENT WITH THE REMEDIES SET FORTH IN SUBSECTION 116.6, THE
31 BUILDING OFFICIAL MAY ENFORCE THIS SECTION PURSUANT TO TITLE 24,

1 “CIVIL PENALTIES” OF THE HOWARD COUNTY CODE. A VIOLATION OF THIS
2 SECTION IS A CLASS B OFFENSE. EACH DAY THAT A VIOLATION CONTINUES
3 IS A SEPARATE OFFENSE.

4 (49) *SECTION 117 EMERGENCY MEASURES.*

5 ADD NEW SECTION 117 AFTER SECTION 116 AS FOLLOWS:

6 **SECTION 117 EMERGENCY MEASURES.**

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

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

26 **117.3 CLOSING STREETS AND BUILDINGS.** IF NECESSARY FOR PUBLIC
27 SAFETY, THE BUILDING OFFICIAL MAY TAKE ANY OF THE FOLLOWING
28 ACTIONS:

- 29 (I) TEMPORARILY CLOSE A BUILDING OR STRUCTURE;

1 (ii) CLOSE OR ORDER THE JURISDICTION TO CLOSE A SIDEWALK, STREET,
2 PUBLIC WAY, OR PLACE ADJACENT TO AN UNSAFE BUILDING OR
3 STRUCTURE; OR

4 (iii) PROHIBIT THE USE OF A SIDEWALK, STREET, PUBLIC WAY, OR PLACE
5 ADJACENT TO AN UNSAFE BUILDING OR STRUCTURE.

6 **117.4. DEMOLITION OF STRUCTURES.**

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

11 **117.5 EMERGENCY REPAIRS.** FOR THE PURPOSE OF THIS SECTION, THE
12 BUILDING OFFICIAL MAY EMPLOY THE NECESSARY LABOR AND MATERIALS
13 TO PERFORM THE REQUIRED WORK AS EXPEDITIOUSLY AS POSSIBLE.

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

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

28 **117.7.1 AUTHORITY TO SEAL EQUIPMENT.** IN THE CASE OF AN
29 EMERGENCY, THE BUILDING OFFICIAL MAY IMMEDIATELY SEAL OUT OF
30 SERVICE ANY UNSAFE DEVICE OR EQUIPMENT REGULATED BY THIS CODE.

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

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

8 ADD NEW SECTION 118 AFTER SECTION 117 AS FOLLOWS:

9 **SECTION 118 DEMOLITION OF STRUCTURES.**

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

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

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

30 (51) *SUBSECTION 406.2.7 ELECTRIC VEHICLE CHARGING STATIONS AND SYSTEMS.*

31 DELETE THE LAST SENTENCE.

1 (52) *SUBSECTION: 406.2.7.1 NUMBER OF ACCESSIBLE VEHICLE SPACES.*

2 ADD NEW SUBSECTION 406.2.7.1 AFTER SUBSECTION 406.2.7 AS FOLLOWS:

3 AT LEAST ONE OF EACH TYPE OF ELECTRICAL VEHICLE CHARGING SYSTEM
4 SHALL BE ACCESSIBLE.

5 (53) *SUBSECTION 406.2.7.2 VEHICLE SPACE SIZE.*

6 ADD NEW SUBSECTION 406.2.7.2 AFTER SUBSECTION 406.2.7.1 AS FOLLOWS:

7 THE ACCESSIBLE EV SPACE SHALL COMPLY WITH SECTIONS 502.2 THROUGH
8 502.5 OF THE 2010 AMERICANS WITH DISABILITIES ACT ACCESSIBILITY
9 GUIDELINE (ADAAG) STANDARD. NO SIGNAGE IS REQUIRED IDENTIFYING THE
10 SPACE AS ACCESSIBLE.

11 (54) *SUBSECTION 411.1 GENERAL.*

12 DELETE EXCEPTION #2 AND SUBSTITUTE THE FOLLOWING:

13 ALL EXITS AND EXIT ACCESS DOORS FROM EACH PUZZLE ROOM SHALL BE
14 OPEN AND READILY AVAILABLE UPON ACTIVATION BY THE AUTOMATIC FIRE
15 ALARM SYSTEM, AUTOMATIC SPRINKLER SYSTEM, A MANUAL CONTROL AT A
16 CONSTANTLY ATTENDED LOCATION AND SHALL HAVE A READILY ACCESSIBLE
17 CONTROL LOCATED INSIDE EACH PUZZLE ROOM.

18 (55) *SUBSECTION 703.5 MARKING AND IDENTIFICATION.*

19 AMEND ITEM 1 AS FOLLOWS:

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

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

24 (III) AFTER “WALL OR PARTITION” INSERT “ON BOTH SIDES”.

25 (56) *SUBSECTIONS 903.2.1.1 GROUP A-1; 903.2.1.3 GROUP A-3; AND 903.2.1.4*
26 *GROUP A-4.*

27 DELETE ITEM NUMBER 2 IN EACH SUBSECTION AND SUBSTITUTE THE
28 FOLLOWING IN EACH INSTANCE:

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

30 (57) *SUBSECTION 903.2.1.6 ASSEMBLY OCCUPANCIES ON ROOFS.*

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

(58) *903.2.1.7 MULTIPLE FIRE AREAS.*

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

(59) *SUBSECTION 903.2.3 GROUP E.*

DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

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

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

(60) *SUBSECTION 903.2.13 ADDITIONAL SUPPRESSION REQUIREMENTS.*

ADD NEW SUBSECTION 903.2.13 AFTER SUBSECTION 903.2.12 AS FOLLOWS:

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

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

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

903.2.13.3 APPLICABLE CONDITIONS AND EXCEPTIONS:

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

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

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

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

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

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

17 (61) *SUBSECTION 903.2.14 HOSE CONNECTIONS.*

18 ADD NEW SUBSECTION 903.2.14 AFTER SUBSECTION 903.2.13 AS FOLLOWS:

19 **903.2.14 HOSE CONNECTIONS.** WHERE FIRE SUPPRESSION SYSTEMS ARE
20 REQUIRED IN GROUP M, S-1 AND F-1 OCCUPANCIES, A 2½ INCH HOSE
21 CONNECTION WITH 1½ INCH REDUCERS SHALL BE PROVIDED FOR FIRE
22 DEPARTMENT USE. HOSE CONNECTIONS SHALL BE PLACED NEAR EXIT
23 DOORS THAT DO NOT HAVE FIRE DEPARTMENT VEHICLE ACCESS WITHIN 100
24 FEET. TWO HOSE CONNECTIONS SHALL BE LOCATED NO MORE THAN 200
25 FEET APART. EXIT DOORS SHALL BE PLACARDED ON THE OUTSIDE TO
26 INDICATE THE LOCATION OF HOSE CONNECTIONS FOR FIRE DEPARTMENT
27 ACCESS.

28 (62) *SUBSECTION 905.12 PIPING DESIGN.*

29 ADD NEW SUBSECTION 905.12 AFTER SUBSECTION 905.11 AS FOLLOWS:

30 **905.12 PIPING DESIGN.** THE RISER PIPING, SUPPLY PIPING, AND WATER
31 SERVICE PIPING SHALL BE SIZED TO MAINTAIN A RESIDUAL PRESSURE OF AT

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

10 **EXCEPTION:** THE RESIDUAL PRESSURE OF 100 PSI IS NOT REQUIRED IN
11 BUILDINGS WHERE ALL THE FOLLOWING APPLY:

- 12 (I) THAT ARE EQUIPPED THROUGHOUT WITH AUTOMATIC SPRINKLER
13 SYSTEMS IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2 OF
14 THIS CODE;
- 15 (II) WHERE THE HIGHEST FLOOR LEVEL IS NOT MORE THAN 75 FEET
16 ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS;
17 AND
- 18 (III) WHERE A PUMP IS NOT REQUIRED TO MEET THE SPRINKLER SYSTEM
19 DEMAND,

20 (63) *SUBSECTION 910.2 WHERE REQUIRED.*

- 21 (I) IN EXCEPTION NUMBER 1, BEFORE “FROZEN”, INSERT “FOOD
22 HANDLING FACILITIES AND”; AND
- 23 (II) DELETE EXCEPTIONS 2, AND 3.

24 (64) SUBSECTION 910.2.1 GROUP F-1 OR S-1.

25 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

26 **910.2.1 GROUPS F-1, M, AND S-1.** BUILDINGS OR PORTIONS OF BUILDINGS
27 USED AS A GROUP F-1, M OR S-1 OCCUPANCY THAT HAVE MORE THAN
28 50,000 SQUARE FEET.

29 EXCEPTION 1: BUILDINGS WITH A FLOOR TO FINISHED CEILING HEIGHT OF 20
30 FEET OR LESS ARE EXEMPT FROM SOME VENTING REQUIREMENTS.

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

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

(I) IN THE FIRST SENTENCE, DELETE “TABLE 3206.2 OF THE
INTERNATIONAL FIRE CODE” FOR BUILDINGS AND PORTIONS
THEREOF CONTAINING HIGH PILED COMBUSTIBLE STORAGE” AND
SUBSTITUTE “SECTION 910.2.1 OF THE HOWARD COUNTY BUILDING
CODE”.

(II) IN THE SECOND SENTENCE, DELETE THE WORDS “AND PORTIONS
THEREOF CONTAINING HIGH PILED COMBUSTIBLE STORAGE AND
EQUIPPED THROUGHOUT”.

(66) *SUBSECTION 910.3.4. VENT OPERATION.*

DELETE “AUTOMATIC AND”.

(67) CHAPTER 11. ACCESSIBILITY.

DELETE THIS CHAPTER IN ITS ENTIRETY.

(68) *SUBSECTION 1210.4 DIAPER CHANGING AMENITY.*

ADD NEW SUBSECTION 1210.4 AFTER SUBSECTION 1210.3 AS FOLLOWS:

1210.4 DIAPER-CHANGING AMENITY.

(I) THIS SUBSECTION APPLIES TO THE FOLLOWING OCCUPANCY TYPES:
ASSEMBLY GROUP A-1, A-2, A-3, A-4, AND A-5, BUSINESS GROUP
B, EDUCATIONAL GROUP E, INSTITUTIONAL GROUP I-1, I-2, AND I-
4, MERCANTILE GROUP M, RESIDENTIAL GROUP R-1, AND STORAGE
GROUP S-2.

(II) IN EACH PORTION OF THE OCCUPANCY THAT CONTAINS A PUBLIC
TOILET OR BATHROOM, PERSONS OF ALL GENDERS MUST HAVE
ACCESS TO A DIAPER-CHANGING STATION OR SIMILAR AMENITY
THAT IS SAFE, SANITARY, AND CONVENIENT.

(III) THIS SUBSECTION DOES NOT APPLY TO:

- A. BUILDINGS THAT ALREADY HAVE A NEW BUILDING PERMIT AND ARE NOT UNDERGOING RENOVATIONS;
- B. BUILDINGS UNDERGOING RENOVATIONS IF THE RENOVATIONS DO NOT REQUIRE A BUILDING PERMIT;
- C. BUILDINGS THAT PROHIBIT ENTRANCE TO MINORS; AND
- D. BUILDINGS FOR WHICH THE BUILDING OFFICIAL DETERMINES THAT THE INSTALLATION OF A DIAPER-CHANGING FACILITY OR SIMILAR AMENITY IS NOT FEASIBLE.

(69) *SUBSECTION 1608.2 GROUND SNOW LOADS.*

IN THE FIRST SENTENCE, AFTER “SHALL BE”, INSERT “40 PSF AND FOR FLAT ROOFS UP TO 2% SLOPES, A MINIMUM 30 PSF FLAT ROOF SNOW LOAD (p_f) IS REQUIRED” AND DELETE THE REMAINDER OF THAT SENTENCE.

(70) *SUBSECTION 1803.2 INVESTIGATIONS REQUIRED.*

AT THE END OF THE FIRST SENTENCE AFTER “1803.5”, INSERT “OR WHERE THE BUILDING EXCEEDS 2 STORIES”.

(71) *SUBSECTION 1809.5 FROST PROTECTION.*

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

(72) *SUBSECTION 1809.5.2 FROST LINE.*

ADD NEW SUBSECTION 1809.5.2 AFTER SUBSECTION 1809.5.1 AS FOLLOWS:

1809.5.2 FROST LINE. THE FROST LINE SHALL BE AT LEAST 30 INCHES BELOW FINISHED GRADE.

(73) DELETE CHAPTERS 28 THROUGH 29.

(74) *SUBSECTION 3001.3 REFERENCED STANDARDS.*

ADD THE FOLLOWING TO THE END OF THE SUBSECTION:

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

(75) *SUBSECTION 3107.1 GENERAL.*

INSERT THE FOLLOWING AT THE END OF THIS SENTENCE AFTER “CODE”:

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

3 (76) *SUBSECTION 3108.3 RADIO AND TELEVISION ANTENNAS.*

4 ADD NEW SUBSECTION 3108.3 AFTER SUBSECTION 3108.2 AS FOLLOWS:

5 **3108.3 RADIO AND TELEVISION ANTENNAS.**

6 **3108.3.1 PERMITS NOT REQUIRED.** BUILDING PERMITS ARE NOT REQUIRED
7 FOR ROOF INSTALLATION OF ANTENNAL STRUCTURES THAT ARE LESS THAN
8 12 FEET IN HEIGHT ABOVE THE ROOF AND USED FOR PRIVATE RADIO OR
9 TELEVISION RECEPTION. ANTENNAL STRUCTURES SHALL NOT BE ERECTED
10 SO AS TO DAMAGE THE ROOF COVERING. WHEN REMOVED FROM THE ROOF,
11 THE ROOF COVERING SHALL BE REPAIRED TO MAINTAIN WEATHER AND
12 WATER TIGHTNESS. THE INSTALLATION OF ANTENNAL STRUCTURES ON THE
13 ROOF OF A BUILDING SHALL NOT BE NEARER TO THE LOT LINE THAN THE
14 TOTAL HEIGHT OF THE ANTENNAL STRUCTURE ABOVE THE ROOF.

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

18 **3108.3.2 PERMITS REQUIRED.** IF THE APPLICATION MEETS THE CRITERIA
19 SET FORTH IN THIS CODE, AN APPLICATION FOR ROOF-MOUNTED ANTENNAL
20 STRUCTURES MORE THAN 12 FEET IN HEIGHT ABOVE THE ROOF SHALL BE
21 APPROVED. A PERMIT APPLICATION FOR A ROOF-MOUNTED ANTENNAL
22 STRUCTURE UNDER THIS SUBSECTION SHALL BE ACCOMPANIED BY DETAILED
23 DRAWINGS OF THE STRUCTURE AND METHOD OF ANCHORAGE. ALL
24 CONNECTIONS TO THE ROOF STRUCTURE SHALL BE PROPERLY FLASHED TO
25 MAINTAIN WATER TIGHTNESS. THE DESIGN AND MATERIALS OF
26 CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THIS
27 SUBSECTION (3108.3) FOR CHARACTER, QUALITY, AND MINIMUM
28 DIMENSION.

29 **3108.3.3 DISH ANTENNAS.** A DISH ANTENNA IS AN ANTENNA THAT
30 CONSISTS OF A RADIATION ELEMENT THAT TRANSMITS OR RECEIVES
31 RADIATION SIGNALS GENERATED AS ELECTRICAL, LIGHT, OR SOUND

ENERGY. A DISH ANTENNA IS SUPPORTED BY A STRUCTURE WITH OR WITHOUT A REFLECTIVE COMPONENT TO THE RADIATING DISH, USUALLY IN A CIRCULAR SHAPE WITH A PARABOLIC CURVE DESIGN CONSTRUCTED OF A SOLID OR OPEN MESH SURFACE.

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

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

(78) *SECTION 3115 FLOODPLAIN.*

ADD NEW SECTION 3115 AFTER SECTION 3114 AS FOLLOWS:

SECTION 3115 FLOODPLAIN.

3115.1 GENERAL. FOR THE PURPOSE OF THIS SECTION, THE FLOODPLAIN IS DELINEATED IN TITLE 16, SUBTITLE 7 OF THE HOWARD COUNTY CODE.

3115.2 WITHIN DESIGNATED FLOODPLAIN.

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

3115.2.1 NEW CONSTRUCTION. NEW RESIDENTIAL OR NONRESIDENTIAL CONSTRUCTION SHALL NOT OCCUR WITHIN A DESIGNATED FLOODPLAIN.

EXCEPTION 1: AN EXISTING NONCONFORMING STRUCTURE LOCATED WITHIN A DESIGNATED FLOODPLAIN WHICH IS DESTROYED BY FIRE OR FLOOD, OR THAT SUSTAINS SUBSTANTIAL DAMAGE MAY BE RESTORED TO

1 THE SAME SIZE AND DIMENSION AND IN THE SAME LOCATION ON THE SAME
2 LOT AS THE DESTROYED STRUCTURE, PROVIDED CONSTRUCTION BEGINS
3 WITHIN 12 MONTHS OF THE DATE OF DESTRUCTION. CONSTRUCTION SHALL
4 COMPLY WITH THE ELEVATING AND FLOODPROOFING REQUIREMENTS OF
5 SUBSECTION 3115.4 FOR NEW CONSTRUCTION ADJACENT TO A FLOODPLAIN.
6 A PERSON SHALL NOT INTENTIONALLY DEMOLISH OR RECONSTRUCT ANY
7 NONCONFORMING STRUCTURE. THIS EXCEPTION DOES NOT APPLY TO
8 MANUFACTURED HOMES. A MANUFACTURED HOME CANNOT BE RESTORED
9 UNDER ANY CONDITION WITHIN A DESIGNATED FLOODPLAIN.

10 **EXCEPTION 2:** TRANSPORTATION NETWORKS, UTILITY INSTALLATIONS,
11 PIERS, OPEN PIER STRUCTURES, AND OPEN DECKS APPROVED BY THE
12 DEPARTMENT OF PUBLIC WORKS. STREETS, SIDEWALKS, PATHWAYS, AND
13 UTILITY SYSTEMS IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN
14 MANUAL AND ALL OTHER APPLICABLE CODES, ORDINANCES, RESOLUTIONS,
15 AND REGULATIONS.

16 **3115.2.2 ADDITIONS AND ENLARGEMENTS.** EXISTING NONCONFORMING
17 STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL NOT BE
18 EXPANDED OR ENLARGED.

19 **3115.2.3 MODIFICATIONS, ALTERATIONS, AND REPAIRS.** MODIFICATIONS,
20 ALTERATIONS, REPAIRS, OR IMPROVEMENTS THAT COST LESS THAN 50% OF
21 THE FAIR MARKET VALUE OF THE STRUCTURE MAY BE MADE TO EXISTING
22 NONCONFORMING STRUCTURES LOCATED WITHIN A DESIGNATED
23 FLOODPLAIN WITHOUT FLOODPROOFING OR ELEVATING IF THE OWNER
24 DEMONSTRATES THROUGH A MARYLAND STATE REGISTERED PROFESSIONAL
25 ENGINEER THAT FLOODPROOFING OR ELEVATING IS IMPRACTICAL.

26 **3115.3 SUBSTANTIAL IMPROVEMENTS WITHIN A DESIGNATED**
27 **FLOODPLAIN.** SUBSTANTIAL IMPROVEMENTS WITHIN A DESIGNATED
28 FLOODPLAIN SHALL MEET THE STANDARDS SET FORTH IN THIS SUBSECTION
29 AND TITLE 16, SUBTITLE 7 OF THE HOWARD COUNTY CODE.

30 **3115.3.1. RESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT, OF
31 SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING RESIDENTIAL

STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL BE
ELEVATED TO AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION.

3115.3.2. NONRESIDENTIAL. THE LOWEST FLOOR, INCLUDING A
BASEMENT, OF SUBSTANTIAL IMPROVEMENTS TO EXISTING
NONCONFORMING NONRESIDENTIAL STRUCTURES SHALL BE ELEVATED TO
AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION OR SHALL BE
DESIGNED SO THAT ANY AREA OF THE BUILDING WHICH IS LOWER THAN 2
FEET ABOVE THE 100-YEAR FLOOD ELEVATION, AS DETERMINED OR
APPROVED BY THE DEPARTMENT OF PUBLIC WORKS, IS WATERTIGHT WITH
WALLS SUBSTANTIALLY IMPERMEABLE TO THE PASSAGE OF WATER AND
WITH STRUCTURAL COMPONENTS HAVING THE CAPABILITY OF
WITHSTANDING APPLICABLE HYDROSTATIC, HYDRODYNAMIC, IMPACT,
SOIL, AND, WHEN APPLICABLE, HURRICANE AND TIDAL WAVE LOADING
CONDITIONS. THE WATER TIGHTNESS AND STRUCTURAL CAPABILITIES
SHALL BE THOSE DESCRIBED IN FLOODPROOFING REGULATIONS PUBLISHED
BY THE OFFICE OF THE CHIEF OF ENGINEERS, U.S. ARMY, WASHINGTON,
D.C., DECEMBER 1995, OR SUBSEQUENT REVISIONS, AND SECTION
16.705(C) OF THE HOWARD COUNTY CODE.

3115.4 CONSTRUCTION ADJACENT TO A DESIGNATED FLOODPLAIN.

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

3115.4.1 RESIDENTIAL. IN NEW CONSTRUCTION OF RESIDENTIAL
BUILDINGS OR ADDITIONS OR SUBSTANTIAL IMPROVEMENTS TO
RESIDENTIAL BUILDINGS, ALL FLOORS, INCLUDING THOSE OF BASEMENT
AND STORAGE AREAS, SHALL BE ELEVATED AT LEAST 2 FEET ABOVE THE
100-YEAR FLOOD LEVEL.

3115.4.2 NONRESIDENTIAL. IN NEW CONSTRUCTION OF NONRESIDENTIAL
BUILDINGS OR ADDITIONS OR SUBSTANTIAL IMPROVEMENTS TO
NONRESIDENTIAL BUILDINGS, EITHER:

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

25 **3115.4.3. MODIFICATIONS, ALTERATIONS OR REPAIRS.** MODIFICATIONS,
26 ALTERATIONS, REPAIRS, OR IMPROVEMENTS THAT COSTS LESS THAN 50% OF
27 THE FAIR MARKET VALUE OF THE STRUCTURE MAY BE MADE TO EXISTING
28 NONCONFORMING STRUCTURES LOCATED ADJACENT TO A DESIGNATED
29 FLOODPLAIN WITHOUT FLOODPROOFING OR ELEVATING.

1 **3115.4.4. VARIANCES.** VARIANCES TO THE REQUIREMENTS SET FORTH IN
2 THIS SUBSECTION MAY BE GRANTED BY THE BUILDING OFFICIAL IN
3 ACCORDANCE WITH SECTION 16.711 OF THE HOWARD COUNTY CODE.

4 **3115.5 SUBSTANTIAL IMPROVEMENTS ADJACENT TO A DESIGNATED**
5 **FLOODPLAIN.** SUBSTANTIAL IMPROVEMENTS ADJACENT TO A DESIGNATED
6 FLOODPLAIN SHALL MEET THE STANDARDS SET FORTH IN THIS SUBSECTION
7 AND TITLE 16, SUBTITLE 7 OF THE HOWARD COUNTY CODE.

8 **3115.5.1 RESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT, OF
9 SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING RESIDENTIAL
10 STRUCTURES LOCATED ADJACENT TO A DESIGNATED FLOODPLAIN SHALL BE
11 ELEVATED TO AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION.

12 **3115.5.2 NONRESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT,
13 OF SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING
14 NONRESIDENTIAL STRUCTURES LOCATED ADJACENT TO A DESIGNATED
15 FLOODPLAIN SHALL BE ELEVATED TO AT LEAST 2 FEET ABOVE THE
16 100-YEAR FLOOD ELEVATION OR SHALL BE DESIGNED SO THAT ANY AREA OF
17 THE BUILDING WHICH IS LOWER THAN 2 FEET ABOVE THE 100-YEAR FLOOD
18 ELEVATION, AS DETERMINED OR APPROVED BY THE DEPARTMENT OF
19 PUBLIC WORKS, IS WATERTIGHT WITH WALLS SUBSTANTIALLY
20 IMPERMEABLE TO THE PASSAGE OF WATER AND WITH STRUCTURAL
21 COMPONENTS HAVING THE CAPABILITY OF WITHSTANDING APPLICABLE
22 HYDROSTATIC, HYDRODYNAMIC IMPACT, SOIL, AND, WHEN APPLICABLE,
23 HURRICANE AND TIDAL WAVE LOADING CONDITIONS. ELECTRICAL,
24 HEATING, VENTILATION, PLUMBING, AIR CONDITIONING EQUIPMENT, AND
25 OTHER SERVICE FACILITIES ASSOCIATED WITH THE BUILDINGS SHALL BE
26 DESIGNED OR LOCATED SO AS TO PREVENT WATER FROM ENTERING OR
27 ACCUMULATING WITHIN THE COMPONENTS DURING CONDITIONS OF
28 FLOODING. THE WATER TIGHTNESS AND STRUCTURAL CAPABILITIES SHALL
29 BE THOSE DESCRIBED IN FLOODPROOFING REGULATIONS PUBLISHED BY THE
30 OFFICE OF THE CHIEF OF ENGINEERS, U.S. ARMY, WASHINGTON, D.C.,

1 DECEMBER 1995, OR SUBSEQUENT REVISIONS, AND SECTION 16.705(c) OF
2 THE HOWARD COUNTY CODE.

3 **3115.6 VERIFICATION.** FOR THE PURPOSE OF VERIFYING COMPLIANCE
4 WITH SECTION 3115.4 FOR CONSTRUCTION ADJACENT TO A DESIGNATED
5 FLOODPLAIN, THE FOLLOWING SHALL APPLY:

- 6 (I) WHEN FLOODPROOFING BY MEANS OTHER THAN ELEVATING, A
7 DOCUMENT STATING THAT THE PROPOSED CONSTRUCTION HAS BEEN
8 ADEQUATELY DESIGNED TO WITHSTAND THE LOADING CONDITIONS
9 STATED IN SUBSECTION 3115.4.2(ii) SHALL BE CERTIFIED BY A
10 PROFESSIONAL ENGINEER OR ARCHITECT CURRENTLY REGISTERED IN
11 MARYLAND. THIS DOCUMENT SHALL BE REQUIRED PRIOR TO
12 ISSUANCE OF A BUILDING PERMIT.
- 13 (II) WHEN FLOODPROOFING BY ELEVATING IS USED, THE OWNER SHALL
14 AGREE, IN WRITING, TO PROVIDE A FEMA ELEVATION CERTIFICATE
15 FORM 086-0-33, COMPLETED BY A PROFESSIONAL ENGINEER OR
16 PROFESSIONAL LAND SURVEYOR CURRENTLY REGISTERED IN
17 MARYLAND, CERTIFYING THAT THE AS-BUILT LOWEST FLOOR OF THE
18 STRUCTURE IS ELEVATED AT LEAST 2 FEET ABOVE THE 100-YEAR
19 FLOODPLAIN ELEVATION. THE AGREEMENT SHALL BE MADE PRIOR
20 TO THE ISSUANCE OF THE BUILDING PERMIT AND THE COMPLETED
21 CERTIFICATION SHALL BE SUBMITTED PRIOR TO FOUNDATION
22 APPROVAL BY THE BUILDING OFFICIAL.
- 23 (III) FAIR MARKET VALUE OF A STRUCTURE SHALL BE ESTABLISHED BY A
24 RECENT (WITHIN 6 MONTHS) FORMAL APPRAISAL FROM A QUALIFIED
25 APPRAISER. FAIR MARKET VALUE SHALL NOT INCLUDE LAND
26 VALUE.
- 27 (IV) COST TO REPAIR OR IMPROVE A STRUCTURE SHALL BE ESTABLISHED
28 BY A RECENT (WITHIN 6 MONTHS) WRITTEN ESTIMATE FROM A
29 LICENSED CONTRACTOR AND SHALL INCLUDE THE COMPLETE COST
30 OF REPAIRS OR IMPROVEMENTS TO THE POINT OF USE OR
31 OCCUPANCY.

1 **3115.7 DEFINITIONS.** NOTWITHSTANDING CHAPTER 2 OF THE
2 INTERNATIONAL BUILDING CODE, THE FOLLOWING DEFINITIONS SHALL
3 APPLY TO SECTION 3115.0, FLOODPLAIN, OF THIS CODE:

4 **ACCESSORY STRUCTURE.** A DETACHED STRUCTURE ON THE SAME PARCEL
5 OR PROPERTY AS THE PRINCIPAL STRUCTURE THAT HAS A USE THAT IS
6 INCIDENTAL TO THE PRINCIPAL STRUCTURE INCLUDING, BUT NOT LIMITED
7 TO, A SHED OR DETACHED GARAGE.

8 **ADJACENT TO A FLOODPLAIN.** SHARING A COMMON BORDER WITH A
9 FLOODPLAIN.

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

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

13 **FLOODPROOFING.** ANY COMBINATION OF ADDITIONS, CHANGES, OR
14 ADJUSTMENTS TO A STRUCTURE WHICH REDUCE OR ELIMINATE FLOOD
15 DAMAGE TO REAL ESTATE OR IMPROVED REAL PROPERTY, WATER OR
16 SANITARY FACILITIES, OR STRUCTURES AND THEIR CONTENTS , SUCH THAT
17 THE BUILDINGS OR STRUCTURES ARE WATERTIGHT WITH WALLS
18 SUBSTANTIALLY IMPERMEABLE TO THE PASSAGE OF WATER AND WITH
19 STRUCTURAL COMPONENTS HAVING THE CAPABILITY OF RESISTING
20 HYDROSTATIC AND HYDRODYNAMIC LOADS AND EFFECTS OF BUOYANCY.

21 **HISTORIC STRUCTURE.** A BUILDING LISTED ON THE NATIONAL REGISTER
22 OF HISTORIC PLACES, A STATE INVENTORY OF HISTORIC PLACES, OR AN
23 INVENTORY OF HISTORIC STRUCTURES ADOPTED BY RESOLUTION OF THE
24 COUNTY COUNCIL. A HISTORIC STRUCTURE ALSO INCLUDES A STRUCTURE
25 THAT IS CERTIFIED OR PRELIMINARILY DETERMINED BY THE UNITED STATES
26 SECRETARY OF THE INTERIOR AS CONTRIBUTING TO THE HISTORICAL
27 SIGNIFICANCE OF A REGISTERED HISTORIC DISTRICT OR A DISTRICT
28 PRELIMINARILY DETERMINED BY THE SECRETARY TO QUALIFY AS A
29 REGISTERED HISTORIC DISTRICT.

30 **LOWEST FLOOR.** THE LOWEST FLOOR OR THE LOWEST ENCLOSED AREA,
31 INCLUDING A BASEMENT. LOWEST FLOOR DOES NOT INCLUDE AN

1 UNFINISHED OR FLOOD RESISTANT ENCLOSURE USED SOLELY FOR PARKING
2 VEHICLES, BUILDING ACCESS, OR STORAGE IN AN AREA OTHER THAN A
3 BASEMENT AREA. THE ENCLOSURE SHALL NOT BE BUILT SO AS TO RENDER
4 THE STRUCTURE IN VIOLATION OF THE APPLICABLE NON-ELEVATION DESIGN
5 REQUIREMENTS OF SUBSECTIONS 3115.4 AND 3115.6 OF THIS CODE.

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

9 **NEW CONSTRUCTION.** STRUCTURES, INCLUDING ADDITIONS AND
10 IMPROVEMENTS, AND THE PLACEMENT OF MANUFACTURED HOMES, FOR
11 WHICH THE START OF CONSTRUCTION COMMENCED ON OR AFTER 3/15/1977,
12 THE INITIAL EFFECTIVE DATE OF THE HOWARD COUNTY FLOOD INSURANCE
13 RATE MAP, INCLUDING ANY SUBSEQUENT IMPROVEMENTS, ALTERATIONS,
14 MODIFICATIONS, AND ADDITIONS TO SUCH STRUCTURES.

15 THE REPAIR OR REPLACEMENT OF A MANUFACTURED HOME BECAUSE OF
16 SUBSTANTIAL DAMAGE IS CONSIDERED TO BE NEW CONSTRUCTION AND IS
17 PROHIBITED IN ACCORDANCE WITH SECTION 3115.2.1 OF THIS CODE.

18 **STRUCTURE.** FOR PURPOSES OF THIS SUBSECTION 3115 TO THIS CODE,
19 SHALL HAVE THE MEANING SET FORTH IN TITLE 16, SUBTITLE 7 OF THE
20 HOWARD COUNTY CODE.

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

25 **SUBSTANTIAL IMPROVEMENT.** THE REPAIR, RECONSTRUCTION, OR
26 IMPROVEMENT OF A BUILDING OR STRUCTURE, THE COST OF WHICH IS
27 EQUAL TO OR GREATER THAN 50% OF THE FAIR MARKET VALUE OF THE
28 BUILDING OR STRUCTURE PRIOR TO DAMAGE, IMPROVEMENT, OR REPAIR.
29 FOR THE PURPOSE OF THIS DEFINITION, "SUBSTANTIAL IMPROVEMENT"
30 OCCURS WHEN THE FIRST ALTERATION OF A WALL, CEILING, FLOOR, OR
31 OTHER STRUCTURAL PART OF THE BUILDING BEGINS, WHETHER OR NOT

1 THAT ALTERATION AFFECTS THE EXTERNAL DIMENSIONS OF THE BUILDING
2 OR STRUCTURE. THE TERM DOES NOT INCLUDE ANY PROJECT FOR
3 IMPROVING A BUILDING OR STRUCTURE TO COMPLY WITH EXISTING STATE
4 OR LOCAL HEALTH, SANITARY, OR HOUSING CODE REQUIREMENTS WHICH
5 ARE NECESSARY TO ASSURE SAFE LIVING CONDITIONS. THIS TERM DOES NOT
6 INCLUDE AN ALTERATION OF A HISTORIC STRUCTURE PROVIDED THAT THE
7 ALTERATION WILL NOT PRECLUDE THE STRUCTURE'S CONTINUED
8 DESIGNATION AS A HISTORIC STRUCTURE.

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

10 **3115.8 VARIANCES AND WAIVERS.** EXCEPT AS PROVIDED IN SECTION
11 3115.4 OF THIS CODE, A VARIANCE OR WAIVER OF THIS SECTION IS NOT
12 ALLOWED. THE BUILDING OFFICIAL SHALL CONSIDER A VARIANCE IN
13 ACCORDANCE WITH THE PROVISIONS OF SECTION 16.711 OF THE HOWARD
14 COUNTY CODE.

15 **3115.9 OTHER AGENCIES.** A PERMIT ISSUED BY THE BUILDING OFFICIAL
16 UNDER THIS SUBTITLE IS NOT VALID UNTIL ALL NECESSARY PERMITS FOR
17 THE DEVELOPMENT ARE OBTAINED. RECEIPT OF FEDERAL OR STATE
18 PERMITS DO NOT EXEMPT A DEVELOPMENT FROM THE PROVISIONS OF THIS
19 SUBTITLE.

20 (79) *SUBSECTION 3306.10 ACCESSIBILITY DURING CONSTRUCTION OPERATIONS.*

21 ADD NEW SUBSECTION 3306.10 AFTER SUBSECTION 3306.9 AS FOLLOWS:

22 **3306.10 ACCESSIBILITY DURING CONSTRUCTION OPERATIONS.** PRIOR TO
23 AND DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE AND
24 MAINTAIN AT ALL TIMES A MINIMUM 12-FOOT WIDE VEHICULAR ACCESS
25 ROADWAY THAT WILL ALLOW THE UNIMPEDED MOVEMENT OF FIRE OR
26 EMERGENCY RESCUE VEHICLES FROM AN IMPROVED STREET TO WITHIN 200
27 FEET OF THE MOST REMOTE BUILDING UNDER CONSTRUCTION ON THE SITE.
28 THE VEHICULAR ACCESS ROADWAY SURFACE SHALL BE CRUSHER RUN,
29 STONE BASE, BLACKTOP, OR OTHER SUITABLE COMPACTED SURFACE
30 MATERIAL APPROVED BY THE BUILDING OFFICIAL.

31 (80) *SECTION 3315 CONSTRUCTION SITE GRADING.*

1 ADD NEW SECTION 3315 AFTER SECTION 3314 AS FOLLOWS:

2 **SECTION 3315 CONSTRUCTION SITE GRADING.**

3 **3315.1 LOT IMPROVEMENTS.** LOT IMPROVEMENTS SHALL PROVIDE:

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

14 **3315.2 MINIMUM GRADIENT.** THE MINIMUM GRADIENT FOR CONCRETE OR
15 OTHER IMPERVIOUS SURFACES SHALL BE 1/16 INCH PER FOOT (1/2%). THE
16 MINIMUM GRADIENT FOR PERVIOUS SURFACES SHALL BE 1/4 INCH PER FOOT
17 (2%).

18 **3315.3 MAXIMUM GRADIENT.** EXCEPT WHERE RESTRICTED BY PROPERTY
19 LINES, THE MAXIMUM GRADIENT SHALL BE 2-1/2 INCHES (21%) FOR A
20 MINIMUM OF 4 FEET AWAY FROM BUILDING WALLS. SLOPES NOT EXCEEDING
21 30 INCHES SHALL BE 1-1/2 TO 1. SLOPES EXCEEDING 30 INCHES SHALL BE 2
22 TO 1. THE TOP AND BOTTOM OF BANKS AT THE SWALES SHALL BE ROUNDED
23 FOR CONVENIENT MAINTENANCE.

24 **3315.4 FINISH GRADING.** FOR AREAS WHERE THE INSTALLATION OF LAWN
25 OR PLANTING IS REQUIRED, THE SURFACE LAYER OF THE SOIL SHALL BE
26 WORKABLE, FREE OF DEBRIS, AND LOT FINISHED GRADED TO COMPLY WITH
27 GRADING DESIGN. FINISH GRADING SHALL BE DONE WHEN THE GROUND IS
28 FROST-FREE AND THE WEATHER IS FAVORABLE. LAWN COVERS SHALL BE
29 PROVIDED TO PREVENT THE EROSION OF SWALES AND SLOPES.

1 **SECTION 3.102. AMENDMENTS TO THE INTERNATIONAL RESIDENTIAL CODE, 2024**
2 **EDITION.**

3 (A) *IN GENERAL.*

- 4 (1) AS USED IN THIS SECTION, THE TERM "THIS CODE" MEANS THE
5 INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY
6 DWELLINGS, 2024 EDITION.
- 7 (2) AS USED IN THIS CODE, THE TERM "BUILDING OFFICIAL" MEANS THE
8 DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
9 OR THE DIRECTOR'S AUTHORIZED DESIGNEE.
- 10 (3) WHERE THE NAME OF THE JURISDICTION IS TO BE INDICATED IN ANY
11 SECTION OF THIS CODE, INSERT "HOWARD COUNTY".
- 12 (4) AS USED IN THIS CODE, THE TERM "DEPARTMENT OF BUILDING SAFETY"
13 MEANS THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS.

14 (B) *LOCAL AMENDMENTS.* THE FOLLOWING AMENDMENTS MODIFY CERTAIN PROVISIONS
15 OF THE ADOPTED CODE.

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

17 ADD THE FOLLOWING AT THE END OF THE SUBSECTION, AFTER R101.2.1:

18 **R101.2.2 SUBDIVISION AND LAND DEVELOPMENT.** IF A SITE
19 DEVELOPMENT PLAN IS REQUIRED BY THE HOWARD COUNTY SUBDIVISION
20 REGULATIONS, A PERMIT SHALL NOT BE ISSUED UNTIL THE SITE
21 DEVELOPMENT PLAN IS APPROVED UNLESS AUTHORIZED BY THE DIRECTOR
22 OF PLANNING AND ZONING

23 **R101.2.3 SITE WORK AND SAFEGUARDS.** THE REQUIREMENTS OF THE
24 INTERNATIONAL BUILDING CODE, CHAPTER 33, SHALL APPLY FOR SITE
25 WORK AND SAFEGUARDS DURING CONSTRUCTION.

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

27 ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

28 **R102.2.1 RESIDENTIAL SPRINKLER.** RESIDENTIAL SPRINKLER SYSTEMS
29 INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.3 OF THE
30 INTERNATIONAL BUILDING CODE, 2024 EDITION, ARE ALLOWED FOR

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

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

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

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

20 **EXCEPTION:** THE HOWARD COUNTY FIRE PREVENTION CODE, SUBDIVISION
21 AND LAND DEVELOPMENT REGULATIONS, ZONING REGULATIONS, AND
22 SEDIMENT AND EROSION CONTROL REGULATIONS APPLY TO THE
23 CONSTRUCTION OF MANUFACTURED HOMES. THE REQUIREMENTS OF
24 APPENDIX E OF THIS CODE, FOR DESIGN AND INSTALLATION OF FOOTINGS,
25 FOUNDATIONS, SKIRTING AND PERIMETER ENCLOSURES, EXITS, AUTOMATIC
26 SPRINKLERS IN ACCORDANCE WITH R309, PIERS, AND GROUND ANCHORS
27 SHALL APPLY FOR THE SITING OF MANUFACTURED HOMES.

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

29 ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

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

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

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

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

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

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

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

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

- 1 **R102.4.11** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL SWIMMING*
2 *POOL CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY SWIMMING
3 POOL CODE ADOPTED PURSUANT TO THIS SUBTITLE.
- 4 (4) *SUBSECTION R102.6 EXISTING STRUCTURES.*
5 IN THIS SUBSECTION DELETE “*INTERNATIONAL PROPERTY MAINTENANCE*
6 *CODE* OR THE *INTERNATIONAL FIRE CODE*” AND SUBSTITUTE “HOWARD
7 COUNTY PROPERTY MAINTENANCE CODE FOR RENTAL HOUSING, HOWARD
8 COUNTY FIRE PREVENTION CODE, AND THE MARYLAND BUILDING
9 REHABILITATION CODE”.
- 10 (5) *SUBSECTION R102.6.1 ADDITIONS, ALTERATIONS OR REPAIRS.*
11 INSERT AT THE BEGINNING OF THE FIRST SENTENCE:
12 “UNLESS EXCEPTED BY THE MARYLAND BUILDING REHABILITATION
13 CODE,”.
- 14 (6) *SECTIONS R103 THROUGH R114.*
15 DELETE SECTIONS R103 THROUGH R114, INCLUSIVE AND IN THEIR
16 ENTIRETY, AND SUBSTITUTE THE FOLLOWING:
17 **R103 ADMINISTRATION.** SECTIONS 103 THROUGH 118 OF THE
18 INTERNATIONAL BUILDING CODE, 2024 EDITION, AS ADOPTED AND
19 AMENDED IN THIS SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND
20 ENFORCEMENT OF THIS CODE.
- 21 (7) TABLE R301.2 CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA.
22 DELETE TABLE R301.2 AND SUBSTITUTE:
23

Ground Snow Load ^d	Wind Design				Seismic Design Category ⁱ	Subject To Damage From			Winter Design Temp ^g	Ice Barrier Underlayment Required ^h	Flood Hazards ^g	Air Freezing Index ^j	Mean Annual Temp ^k
	Speed ^d (mph)	Topographic Effects ^e	Special Wind Region	Windborne Debris Zone ^m		Weathering ^a	Frost Line Depth ^b	Termites ^c					
40 lbs	115	No	No	No	A	Severe	30"	Mod Heavy	20 °F	Yes	See Flood Maps	1500	55 °F
Manual J Design Criteria													
Elevation		Latitude		Winter Heating		Summer Cooling		Altitude Correction Factor		Indoor Design Temperature		Design Temperature Cooling	
148 ft		39		15 °F		91 °F		-		70 °F		75 °F	
Cooling Temperature Difference		Wind Velocity Heating		Wind Velocity Cooling		Coincident Wet Bulb		Daily Range		Winter Humidity		Summer Humidity	
16 °F		15 °F		7.5 °F		74		M		30		50	

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

IN THIS SUBSECTION, DELETE “ASCE 24” AND SUBSTITUTE “SECTION 3115, FLOODPLAIN, OF THE HOWARD COUNTY BUILDING CODE”.

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

DELETE THIS SUBSECTION.

(10) *SUBSECTION R302.2 TOWNHOUSES.*

IN THE FIRST SENTENCE DELETE “IN ACCORDANCE WITH SECTIONS R302.2.1 OR R302.2.2” AND SUBSTITUTE THE FOLLOWING:

“WITH A 2-HOUR FIRE RESISTANCE RATED WALL OR FLOOR ASSEMBLY OR TWO 1-HOUR FIRE RESISTANCE RATED WALLS, TESTED IN ACCORDANCE WITH ASTM E119, UL 263 OR SECTION 703.3 OF THE INTERNATIONAL BUILDING CODE”.

(11) *SUBSECTION R302.2.6 STRUCTURAL INDEPENDENCE.*

DELETE EXCEPTION NUMBERS 5 AND 6.

(12) *SUBSECTION R302.3.2 FIRE-RESISTANCE RATING.*

IN THE FIRST SENTENCE AFTER THE WORDS “FIRE RESISTANCE RATING OF” DELETE “1 HOUR” THROUGH THE REST OF THE SENTENCE AND SUBSTITUTE “2-HOURS”.

(13) *SUBSECTION R306. FLOOD RESISTANT CONSTRUCTION.*

DELETE THIS SUBSECTION IN ITS ENTIRETY AND SUBSTITUTE:

SUBSECTION R306. FLOOD-RESISTANT CONSTRUCTION. THE CONSTRUCTION, RECONSTRUCTION, MODIFICATION, ALTERATION, REPAIR, OR IMPROVEMENT OF BUILDINGS, MANUFACTURED HOMES, OR OTHER STRUCTURES LOCATED

1 WITHIN A DESIGNATED FLOODPLAIN SHALL BE DONE IN ACCORDANCE WITH
2 THE REQUIREMENTS SET FORTH IN SECTION 3115 OF THE HOWARD COUNTY
3 BUILDING CODE.

- 4 (14) *SUBSECTION R309.2 ONE AND TWO-FAMILY DWELLINGS AUTOMATIC FIRE*
5 *SPRINKLER SYSTEMS:*

6 IN THE EXCEPTION, AFTER THE FIRST “SPRINKLER SYSTEM” DELETE THE
7 REST OF THE SENTENCE AND SUBSTITUTE “FOR ADDITIONS OR ALTERATIONS
8 LESS THAN FIFTY PERCENT OF THE EXISTING GROSS AREA OF ALL FLOORS OF
9 THE BUILDING OR STRUCTURE ARE EXEMPT FROM FIRE SPRINKLER
10 SYSTEMS.”

- 11 (15) *SUBSECTION R319.6 DWELLING ADDITIONS.*

12 DELETE EXCEPTION NUMBER 3

- 13 (16) *SUBSECTION R319.7 ALTERATIONS OR REPAIRS OF EXISTING BASEMENTS.*

14 DELETE THE EXCEPTION.

- 15 (17) *SUBSECTION R319.7.1 – EXISTING EMERGENCY ESCAPE AND RESCUE*
16 *OPENINGS.*

17 DELETE THE SUBSECTION IN ITS ENTIRETY

- 18 (18) *SUBSECTION R320.6 GRIP SIZE.*

19 (I) IN NUMBER 1, DELETE “2 ¼ INCHES (57 MM)”AND SUBSTITUTE “3 ¼
20 INCHES”; AND

21 (II) IN NUMBER 2, DELETE “2 ¾ INCHES (70MM)” AND SUBSTITUTE “3 ¼
22 INCHES”.

- 23 (19) *SUBSECTION R321.1.1 WHERE REQUIRED.*

24 ADD THE FOLLOWING EXCEPTION:

25 “**EXCEPTION:** ALTERNATIVE DESIGNS MAY BE APPROVED BY THE BUILDING
26 OFFICIAL.”

- 27 (20) *SUBSECTION R322. ACCESSIBILITY.*

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

30 **R322. ACCESSIBILITY.** ACCESSIBLE DWELLING UNITS SHALL COMPLY WITH
31 THE PROVISIONS OF THE MARYLAND ACCESSIBILITY CODE.

- (21) *SUBSECTION R322.3. CARE FACILITIES.*
AT THE END OF THE SENTENCE, DELETE “CHAPTER 11 OF THE INTERNATIONAL BUILDING CODE” AND INSERT “MARYLAND ACCESSIBILITY CODE”.
- (22) *SUBSECTION R324.4.3 GLAZING IN WINDOWS.*
IN NUMBER 4, ADD EXCEPTION NUMBER 4 AS FOLLOWS:
“SAFETY GLAZE FILM IN ACCORDANCE WITH ANSI Z97.1”.
- (23) *SUBSECTION R329.6 ROOF ACCESS AND PATHWAYS.*
ADD EXCEPTION 5 AS FOLLOWS:
“5. PATHWAYS ARE NOT REQUIRED WHEN PHOTOVOLTAIC SYSTEMS ARE INSTALLED ON ONLY ONE SIDE OF THE ROOF STRUCTURE.”
- (24) *SECTION R333 SOUND TRANSMISSION.*
ADD NEW SECTION R333 AFTER SECTION R332 AS FOLLOWS:
R333 SOUND TRANSMISSION. THE REQUIREMENTS OF APPENDIX BG SHALL APPLY TO THE CONSTRUCTION OF ALL NEW RESIDENTIAL BUILDINGS.
- (25) *SECTION R334 RADON CONTROL.*
ADD NEW SECTION R334 AFTER SECTION R333 AS FOLLOWS:
SECTION R334 RADON CONTROL. RADON CONTROL METHODS SET FORTH IN APPENDIX BE, SHALL APPLY TO THE CONSTRUCTION OF NEW RESIDENTIAL BUILDINGS.
- (26) *SECTION R335 MANUFACTURED HOUSING.*
ADD NEW SECTION R335 AFTER SECTION R334 AS FOLLOWS:
SECTION R335 MANUFACTURED HOUSING. MANUFACTURED HOUSING USED AS DWELLINGS SHALL COMPLY WITH APPENDIX BA.
- (27) *SUBSECTION R403.1.1 MINIMUM SIZE.*
IN TABLES R403.1(1), R403.1(2) AND R403.1(3), IN EACH TABLE
(I) IN THE COLUMNS TITLED “GROUND SNOW LOAD OR ROOF LIVE LOAD” DELETE “25 PSF GROUND SNOW LOAD” AND “30 PSF” AND SUBSTITUTE “40 PSF.”; AND
(II) UNDER THE HEADING TITLED “LOAD BEARING VALUES OF SOIL” FOR 1500, 2000, 2500, STRIKE THE WIDTH AND THICKNESS IN EACH INSTANCE AND INSERT 16X8 INCHES IN EACH INSTANCE.

(28) *SUBSECTION R403.1.4.1 FROST PROTECTION.*

(I) IN EXCEPTION NO. 1, DELETE “600 SQUARE FEET (56 M²)” AND
SUBSTITUTE “400 SQUARE FEET”; AND

(II) DELETE EXCEPTION NO. 2.

(29) *TABLE R404.1.2.1(3) 10-INCH MASONRY FOUNDATION WALLS WITH
REINFORCING WHERE $D \geq 6.75$ INCHES.*

IN THE COLUMN TITLED “MINIMUM VERTICAL REINFORCEMENT AND
SPACING”, FOR THE SOIL CLASS “GM, GC, SM, SM-SC AND ML SOILS 45”:

A. FOR MAXIMUM WALL HEIGHT OF “8 FEET” AND MAXIMUM
UNBALANCED BACKFILL HEIGHT OF “7 FEET”, CHANGE THE
MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,
MINIMUM NOMINAL WALL THICKNESS FROM “5 @ 56” TO
“NR”; AND

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

(30) *TABLE R404.1.2.1 (4) 12-INCH MASONRY FOUNDATION WALLS WITH
REINFORCING WHERE $D \geq 8.75$ INCHES.*

IN THE COLUMN TITLED “MINIMUM VERTICAL REINFORCEMENT AND
SPACING”, FOR THE SOIL CLASS “GM, GC, SM, SM-SC AND ML SOILS 45”:

FOR A MAXIMUM WALL HEIGHT OF “9 FEET 4 INCHES” AND A MAXIMUM
UNBALANCED BACKFILL HEIGHT OF “8 FEET”, CHANGE THE MINIMUM
VERTICAL REINFORCEMENT AND SPACING FROM “6@ 72” TO “NR”.

(31) *TABLE R404.1.3.2 (8) MINIMUM VERTICAL REINFORCEMENT FOR 6-, 8-, 10-
INCH AND 12-INCH NOMINAL FLAT BASEMENT WALLS.*

IN THE COLUMN TITLED “MINIMUM VERTICAL REINFORCEMENT BAR SIZE
AND SPACING”, FOR THE SOIL CLASS “GM, GC, SM, SM-SC AND ML45”:

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

- 1 A. FOR MAXIMUM WALL HEIGHT OF 8 FEET AND MAXIMUM
2 UNBALANCED BACKFILL HEIGHT OF 7 FEET, CHANGE THE
3 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,
4 MINIMUM NOMINAL WALL THICKNESS FROM “5 @ 41” TO
5 “NR”; AND
- 6 B. FOR MAXIMUM WALL HEIGHT OF 9 FEET AND MAXIMUM
7 UNBALANCED BACKFILL HEIGHT OF 7 FEET, CHANGE THE
8 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,
9 MINIMUM NOMINAL WALL THICKNESS FROM “5 @ 37” TO
10 “NR”; AND
- 11 (II) IN THE SUB-COLUMN TITLED “MINIMAL NOMINAL WALL THICKNESS
12 (INCHES)”; FOR 10 INCHES, FOR A MAXIMUM WALL HEIGHT OF 9 FEET
13 AND A MAXIMUM UNBALANCED BACKFILL HEIGHT OF 8 FEET,
14 CHANGE THE MINIMUM VERTICAL REINFORCEMENT SIZE AND
15 SPACING MINIMUM WALL THICKNESS FROM “5 @ 37” TO “NR”.
- 16 (32) *SUBSECTION R405.1 CONCRETE OR MASONRY FOUNDATIONS.*
17 AMEND THIS SUBSECTION AS FOLLOWS:
- 18 (I) DELETE THE EXCEPTION TO THIS SUBSECTION; AND
- 19 (II) ADD NEW SUBSECTION R405.1.2 AFTER SUBSECTION 405.1.1 AS
20 FOLLOWS:
- 21 **R405.1.2 FOUNDATION DRAINS.** SUBSOIL DRAINS HAVING A
22 MINIMUM 3 INCH DIAMETER OR OTHER APPROVED DRAINS OF
23 EQUIVALENT CROSS SECTIONAL AREA SHALL BE PROVIDED AROUND
24 FOUNDATIONS ENCLOSING USABLE SPACES LOCATED BELOW GRADE.
25 DRAINS SHALL BE INSTALLED ON THE EXTERIOR OF THE
26 FOUNDATION OR ON THE INTERIOR OF THE FOUNDATION WITH PIPES
27 OF AT LEAST A 2-INCH DIAMETER LEADING TO THE EXTERIOR EVERY
28 4 FEET AROUND THE PERIMETER OF THE FOUNDATION. IN EACH
29 CASE, THE TOP OF THE DRAIN SHALL BE BELOW THE BOTTOM OF
30 SLAB. DRAINS FOR POURED CONCRETE FOUNDATION MAY BE
31 PLACED ON TOP OF THE FOOTING. SUBSOIL DRAINS SHALL BE

COVERED WITH A MINIMUM OF A 4-INCH DEPTH OF GRAVEL OR
 WASHED STONE AND BUILDING PAPER, FILTER CLOTH, OR OTHER
 APPROVED MATERIAL. THE END OF A SUBSOIL DRAIN SHALL
 DISCHARGE BY GRAVITY OR BY MECHANICAL MEANS TO AN
 APPROVED DRAINAGE OUTFALL.

(33) *TABLE R507.3.1 MINIMUM FOOTING SIZE FOR DECKS*

DELETE THE TABLE IN ITS ENTIRETY AND SUBSTITUTE THE FOLLOWING:

TABLE R507.3.1: MINIMUM FOOTING SIZE FOR DECKS

BEAM SPAN LESS THAN OR EQUAL TO:	JOIST SPAN LESS THAN OR EQUAL TO:	SIZE OF SQUARE	SIZE OF ROUND	MINIMUM THICKNESS
8'	10'	16"	18"	8"
	14'	16"	18"	8"
	18'	16"	18"	8"
12'	10'	16"	18"	8"
	14'	16"	18"	8"
	18'	16"	18"	8"
17'	10'	16"	18"	8"
	14'	16"	18"	8"

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

AFTER THE FIRST SENTENCE INSERT THE FOLLOWING:

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

(35) *CHAPTER 11 ENERGY EFFICIENCY*

DELETE CHAPTER 11 IN ITS ENTIRETY.

(36) *SUBSECTION M1401.1.1 HVAC PERMIT REQUIRED.*

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

M1401.1.1 HVAC PERMIT REQUIRED. A HVAC PERMIT IS REQUIRED FOR
EVERY SYSTEM INSTALLED IN A NEW SINGLE-FAMILY DWELLING OR NEW
SINGLE-FAMILY ADDITION AND FOR THE INSTALLATION OF ANY DUCT WORK.

(37) *SUBSECTION M1401.3.1 PLANS AND INFORMATION REQUIRED.*

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

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

(I) AN INFORMATION BLOCK WITH THE:

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

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

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

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

- 1 C. BRANCH DUCTS/RUN-OUTS, DAMPERS, AND REGISTERS WITH
2 CFM RATINGS;
3 D. THERMOSTATS;
4 E. RETURN DUCTS AND GRILLS; AND
5 F. DUCT INSULATION; AND
6 (IV) A SUMMARY OF MANUAL J CALCULATIONS FOR THE PROPOSED
7 WORK.
- 8 (38) *SUBSECTION M1503.3 EXHAUST DISCHARGE.*
9 IN THE FIRST SENTENCE OF THE EXCEPTION AFTER THE FIRST “WHERE”
10 INSERT THE FOLLOWING:
11 “AN OPERABLE WINDOW LOCATED WITHIN 12 FEET OF THE COOKING
12 SURFACE IS PROVIDED AND”.
- 13 (39) *CHAPTER 24 AND CHAPTERS 34 THROUGH CHAPTER 43.*
14 DELETE THESE CHAPTERS, INCLUSIVE AND IN THEIR ENTIRETY.
- 15 (40) *SUBSECTION P2503.8.2 TESTING*
16 AFTER THE WORD “RELOCATION” DELETE THE REST OF THE SENTENCE.
- 17 (41) *SUBSECTION P2603.5.1 SEWER DEPTH*
18 (I) DELETE THE FIRST SENTENCE IN ITS ENTIRETY.
19 (II) IN THE SECOND SENTENCE INSERT “30” IN PLACE OF THE WORD NUMBER
20 AND DELETE “(MM)”.
- 21 (42) *SUBSECTION P2708.2 SHOWER DRAIN*
22 DELETE “1 ½ INCHES [38 MM]” AND SUBSTITUTE “2 INCHES”.
- 23 (43) *SECTION P3114 AIR ADMITTANCE VALVES*
24 DELETE THIS SECTION IN ITS ENTIRETY.
- 25 (44) *CHAPTER 32, TABLE P3201.7 SIZE OF TRAPS FOR PLUMBING FIXTURES:*
26 (I) IN THE ROW TITLED “SHOWER”, IN THE ROW TITLED “FLOW RATE”
27 DELETE “5.7 GPM AND LESS” AND TRAP SIZE “1 ½”.
28 (II) IN SECOND LINE UNDER “FLOW RATE”, DELETE “MORE THAN 5.7 GPM”
29 AND START THE SENTENCE WITH “UP TO 12.3 GPM”.
- 30 (45) *APPENDIX BG SECTION BG102.1 GENERAL.*
31 IN THE FIRST SENTENCE, DELETE “45” AND SUBSTITUTE “50”.

(46) *APPENDIX BG SECTION BG103.1 GENERAL.*

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

SECTION 3.103. AMENDMENTS TO THE INTERNATIONAL MECHANICAL CODE, 2024 EDITION.

(A) *IN GENERAL.*

(1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE INTERNATIONAL MECHANICAL CODE, 2024 EDITION.

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

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

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

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

(1) *SUBSECTION 101.2 SCOPE.*

ADD A SECOND EXCEPTION TO THIS SUBSECTION AS FOLLOWS:

EXCEPTION: EXISTING BUILDINGS UNDERGOING REPAIR, ALTERATION, ADDITION, OR CHANGE OF OCCUPANCY MAY COMPLY WITH THE MARYLAND REHABILITATION CODE.

(2) *SUBSECTION 101.5 ADMINISTRATION.*

ADD NEW SUBSECTION 101.5 AFTER SUBSECTION 101.4 AS FOLLOWS:

101.5 ADMINISTRATION. SECTIONS 103 THROUGH 118 OF THE INTERNATIONAL BUILDING CODE, 2024 EDITION, ADOPTED IN THIS SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF THIS CODE.

(3) *SUBSECTION 101.6 REFERENCED CODES.*

ADD NEW SUBSECTION 101.6 AFTER SUBSECTION 101.5 AS FOLLOWS:

1 **101.6 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND
2 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE
3 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH
4 REFERENCE.

5 **101.6.1** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL BUILDING*
6 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE
7 ADOPTED PURSUANT TO THIS SUBTITLE.

8 **101.6.2** WHENEVER IN THIS CODE THE TERM “*NFPA 70 NATIONAL*
9 *ELECTRICAL CODE*” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR
10 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

11 **101.6.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*
12 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
13 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

14 **101.6.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE CODE*”
15 IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION CODE
16 ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY CODE.

17 **101.6.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*
18 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
19 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

20 **101.6.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL ENERGY*
21 *CONSERVATION CODE*” IS USED, IT SHALL MEAN THE ENERGY
22 CONSERVATION CODE OF HOWARD COUNTY ADOPTED PURSUANT TO
23 SECTION 3.104 OF THIS SUBTITLE.

24 **101.6.7** WHENEVER THIS CODE STATES “1612 OF THE INTERNATIONAL
25 BUILDING CODE”, IN EACH INSTANCE DELETE “1612 OF THE INTERNATIONAL
26 BUILDING CODE” AND SUBSTITUTE “SECTION 3115 OF THE HOWARD
27 COUNTY BUILDING CODE”.

28 **101.6.8** WHENEVER IN THIS CODE THE TERM “*SWIMMING POOL & SPA*
29 *CODE*” IS USED, IT SHALL MEAN THE INTERNATIONAL SWIMMING POOLS &
30 SPA CODE OF THE HOWARD COUNTY CODE PURSUANT TO SUBTITLE 3 OF
31 THIS TITLE.

1 (4) *SUBSECTION 102.1 GENERAL.*

2 ADD AN EXCEPTION TO SUBSECTION 102.1 AS FOLLOWS:

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

8 (5) *SECTION 103 THROUGH SECTION 115.*

9 DELETE SECTION 103 THROUGH SECTION 115, INCLUSIVE AND IN THEIR
10 ENTIRETY.

11 (6) *SUBSECTION 301.16 FLOOD HAZARD.*

12 IN THE EXCEPTION TO THIS SUBSECTION, DELETE “*INTERNATIONAL BUILDING*
13 *CODE*” AND SUBSTITUTE “SECTION 3115 OF THE HOWARD COUNTY
14 BUILDING CODE.”

15 (7) *SUBSECTION 306.5*

16 IN THE FIRST SENTENCE, AFTER “INTERIOR”, DELETE “OR EXTERIOR”.

17 (8) *SUBSECTION 402.1 NATURAL VENTILATION.*

18 AFTER THE LAST SENTENCE, INSERT THE FOLLOWING:

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

21
22 **SECTION 3.104. AMENDMENTS TO THE INTERNATIONAL ENERGY CONSERVATION**
23 **CODE, 2024 EDITION.**

24 (A) *IN GENERAL.*

25 (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE
26 INTERNATIONAL ENERGY CONSERVATION CODE, 2024 EDITION.

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

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

1 (B) *LOCAL AMENDMENTS.* THE FOLLOWING AMENDMENTS MODIFY CERTAIN PROVISIONS
2 OF THE ADOPTED CODE:
3 (1) *SUBSECTION C101.1 TITLE.*
4 DELETE THIS SUBSECTION AND INSERT THE FOLLOWING:
5 **C101.1 TITLE.** THESE REGULATIONS SHALL BE KNOWN AS THE ENERGY
6 CONSERVATION CODE OF HOWARD COUNTY.
7 (2) *SUBSECTION C101.5 REFERENCED CODES.*
8 ADD NEW SUBSECTION C101.5 AFTER SUBSECTION C101.4 AS FOLLOWS:
9 **C101.5 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND
10 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE
11 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH
12 REFERENCE.
13 **C101.5.1** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL BUILDING*
14 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE
15 ADOPTED PURSUANT TO THIS SUBTITLE.
16 **C101.5.2** WHENEVER IN THIS CODE THE TERM “*NFPA 70 NATIONAL*
17 *ELECTRICAL CODE*” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR
18 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.
19 **C101.5.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*
20 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
21 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.
22 **C101.5.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE*
23 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION
24 CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY
25 CODE.
26 **C101.5.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*
27 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
28 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.
29 **C101.5.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL*
30 *MECHANICAL CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF

HOWARD COUNTY ADOPTED PURSUANT TO SECTION 3.103 OF THIS
SUBTITLE.

(3) *SECTION C101.6 ADMINISTRATION.*

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

C101.6 ADMINISTRATION: SECTIONS 103 THROUGH 118 OF THE
INTERNATIONAL BUILDING CODE, 2024 EDITION, ADOPTED IN THIS
SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF
THIS CODE.

(4) *SECTIONS C103, C104, C106, C107, C108, C109 AND C110.*

DELETE SECTIONS C103, C104, C106, C107, C108, C109 AND C110,
INCLUSIVE AND IN THEIR ENTIRETY.

(5) *SECTION C 202 GENERAL DEFINITIONS.*

DELETE THE DEFINITION OF “CODE OFFICIAL”.

(6) SUBSECTION C.101.7 REFERENCED APPENDICES

ADD NEW SUBSECTION 101.7 AFTER C101.6 AS FOLLOWS:

C101.7 REFERENCED APPENDICES. THE APPENDIX LISTED IN THIS SECTION
AND REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF
THE REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH
SUCH REFERENCE.

C101.7.1 WHENEVER IN THIS CODE THE TERM “SOLAR-READY ZONE-
COMMERCIAL” IS USED, IT SHALL MEAN APPENDIX CB OF THE 2024
INTERNATIONAL ENERGY CONSERVATION CODE ADOPTED PURSUANT TO
THIS SUBTITLE.

(7) SUBSECTION C.101.8 REFERENCED APPENDICES

ADD NEW SUBSECTION 101.8 AFTER C101.7 AS FOLLOWS:

C101.8 REFERENCED APPENDICES. THE APPENDIX LISTED IN THIS SECTION
AND REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF
THE REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH
SUCH REFERENCE.

C101.8.1 WHENEVER IN THIS CODE THE TERM “*ENERGY CREDITS*” IS USED,
IT SHALL MEAN APPENDIX CF OF THE 2024 INTERNATIONAL ENERGY
CONSERVATION CODE ADOPTED PURSUANT TO THIS SUBTITLE.

C101.8.2 EXEMPTION FOR RESTAURANTS. THE REQUIREMENTS
OF APPENDIX CF SHALL NOT APPLY TO ANY PORTION OF A BUILDING THAT
IS A FOOD SERVICE FACILITY AS DEFINED UNDER HOWARD COUNTY CODE
TITLE 12, SEC. 12-107, PROVIDED THAT FACILITY IS PRIMARILY ENGAGED
IN THE PREPARATION OF FOOD AND BEVERAGES FOR ON-PREMISES OR OFF-
PREMISES CONSUMPTION, INCLUDING DINE-IN, QUICK-SERVICE, AND FAST-
CASUAL RESTAURANTS. THIS EXEMPTION DOES NOT APPLY TO GROCERY
STORES, CONVENIENCE STORES, GAS STATIONS, OR OTHER RETAIL
ESTABLISHMENTS WHERE FOOD SERVICE IS INCIDENTAL TO THE PRIMARY
BUSINESS ACTIVITY.

(8) SUBSECTION C.101.9 REFERENCED APPENDICES

ADD NEW SUBSECTION 101.9 AFTER C101.8 AS FOLLOWS:

C101.9 REFERENCED APPENDICES. THE APPENDIX LISTED IN THIS
SECTION AND REFERENCED ELSEWHERE IN THIS CODE SHALL BE
CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO THE
PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

C101.9.1 WHENEVER IN THIS CODE THE TERM “*ELECTRIC VEHICLE
CHARGING INFRASTRUCTURE*” IS USED, IT SHALL MEAN APPENDIX CG OF
THE 2024 INTERNATIONAL ENERGY CONSERVATION CODE ADOPTED
PURSUANT TO THIS SUBTITLE.

(9) SUBSECTION C.101.10 REFERENCED APPENDICES

ADD NEW SUBSECTION 101.10 AFTER C101.9 AS FOLLOWS:

C101.10 REFERENCED APPENDICES. THE APPENDIX LISTED IN THIS
SECTION AND REFERENCED ELSEWHERE IN THIS CODE SHALL BE
CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO THE
PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

C101.10.1 WHENEVER IN THIS CODE THE TERM “*ELECTRIC-READY
COMMERCIAL BUILDING PROVISIONS*” IS USED, IT SHALL MEAN APPENDIX

1 CH OF THE 2024 INTERNATIONAL ENERGY CONSERVATION CODE
2 ADOPTED PURSUANT TO THIS SUBTITLE.

3 **C101.10.2 EXEMPTION FOR RESTAURANTS.** THE REQUIREMENTS
4 OF APPENDIX CH SHALL NOT APPLY TO ANY PORTION OF A BUILDING THAT
5 IS A FOOD SERVICE FACILITY AS DEFINED UNDER HOWARD COUNTY CODE
6 TITLE 12, SEC. 12-107, PROVIDED THAT FACILITY IS PRIMARILY ENGAGED
7 IN THE PREPARATION OF FOOD AND BEVERAGES FOR ON-PREMISES OR OFF-
8 PREMISES CONSUMPTION, INCLUDING DINE-IN, QUICK-SERVICE, AND FAST-
9 CASUAL RESTAURANTS. THIS EXEMPTION DOES NOT APPLY TO GROCERY
10 STORES, CONVENIENCE STORES, GAS STATIONS, OR OTHER RETAIL
11 ESTABLISHMENTS WHERE FOOD SERVICE IS INCIDENTAL TO THE PRIMARY
12 BUSINESS ACTIVITY.

13 ~~(6)~~(10) *SUBSECTION R 101.1 TITLE.*

14 DELETE THIS SUBSECTION AND INSERT THE FOLLOWING:

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

17 ~~(7)~~(11) *SUBSECTION R101.5 REFERENCED CODES.*

18 ADD NEW SUBSECTION R101.5 AFTER SUBSECTION R101.4 AS FOLLOWS:

19 **R101.5 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 **R101.5.1** 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 **R101.5.2** 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 SUBTITLE 2 OF THIS TITLE.

29 **R101.5.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*
30 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
31 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

1 **R101.5.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE*
2 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION
3 CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY
4 CODE.

5 **R101.5.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*
6 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
7 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

8 **R101.5.6** WHENEVER IN THIS CODE 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 ~~(8)(12)~~ *SECTION R101.6 ADMINISTRATION.*

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

14 **R101.6 ADMINISTRATION:** SECTIONS 103 THROUGH 118 OF THE
15 INTERNATIONAL BUILDING CODE, 2015 EDITION, ADOPTED IN THIS
16 SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF
17 THIS CODE.

18 (13) SUBSECTION R.101.7 REFERENCED APPENDICES.

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

20 **R.101.7 REFERENCED APPENDICES.** THE APPENDIX LISTED IN THIS
21 SECTION AND REFERENCED ELSEWHERE IN THIS CODE SHALL BE
22 CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO THE
23 PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

24 **R101.7.1** WHENEVER IN THIS CODE THE TERM “*SOLAR-READY PROVISIONS-*
25 *DETACHED ONE- AND TWO-FAMILY DWELLINGS AND TOWNHOUSES*” IS USED,
26 IT SHALL MEAN APPENDIX RB OF THE 2024 INTERNATIONAL ENERGY
27 CONSERVATION CODE ADOPTED PURSUANT TO THIS SUBTITLE.

28 (14) SUBSECTION R.101.8 REFERENCED APPENDICES.

29 ADD NEW SUBSECTION R101.8 AFTER SUBSECTION R101.7AS FOLLOWS:

30 **R.101.8 REFERENCED APPENDICES.** THE APPENDIX LISTED IN THIS
31 SECTION AND REFERENCED ELSEWHERE IN THIS CODE SHALL BE

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

3 **R101.8.1** WHENEVER IN THIS CODE THE TERM “ELECTRIC-READY
4 RESIDENTIAL 2024 IECC STRETCH CODE” IS USED, IT SHALL MEAN
5 APPENDIX RG OF THE 2024 INTERNATIONAL ENERGY CONSERVATION
6 CODE ADOPTED PURSUANT TO THIS SUBTITLE.

7 **(15)** SUBSECTION R.101.9 REFERENCED APPENDICES.

8 ADD NEW SUBSECTION R101.9 AFTER SUBSECTION R101.8 AS FOLLOWS:

9 **R.101.9 REFERENCED APPENDICES.** THE APPENDIX LISTED IN THIS
10 SECTION AND REFERENCED ELSEWHERE IN THIS CODE SHALL BE
11 CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO THE
12 PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

13 **R101.9.1** WHENEVER IN THIS CODE THE TERM “*ELECTRIC-READY*
14 *RESIDENTIAL BUILDING PROVISIONS*” IS USED, IT SHALL MEAN APPENDIX RK
15 OF THE 2024 INTERNATIONAL ENERGY CONSERVATION CODE ADOPTED
16 PURSUANT TO THIS SUBTITLE.

17 **(9)(16)** SECTIONS R103, R104, R106, R107, R108, R109 AND R110.

18 DELETE SECTIONS R103, R104, R106, R107, R108, R109 AND R110,
19 INCLUSIVE AND IN THEIR ENTIRETY.

20 **(10)(17)** SECTION R202 GENERAL DEFINITIONS.

21 DELETE “CODE OFFICIAL” AND ITS DEFINITION.

22
23 **SECTION 3.107 AMENDMENTS TO THE INTERNATIONAL SWIMMING POOL AND SPA**
24 **CODE, 2024 EDITION.**

25 **(A)** *IN GENERAL.*

26 (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE
27 INTERNATIONAL SWIMMING POOL AND SPA CODE, 2024 EDITION.

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

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

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

5 (1) *SUBSECTION 101.1 TITLE.*
6 DELETE THIS SUBSECTION AND INSERT THE FOLLOWING:
7 **101.1 TITLE.** THESE REGULATIONS SHALL BE KNOWN AS THE SWIMMING
8 POOL AND SPA CODE OF HOWARD COUNTY.

9 (2) *SUBSECTION 101.2 SCOPE.*
10 IN THE FIRST SENTENCE DELETE "ALTERATION, MOVEMENT, REPLACEMENT,
11 REPAIR AND MAINTENANCE".

12 (3) *SUBSECTION 101.3 PURPOSE.*
13 AFTER "MATERIALS," STRIKE THE REMAINDER OF THE SENTENCE AND
14 INSERT "AND LOCATION OR USE OF POOLS AND SPAS".

15 (4) *SECTION 102 APPLICABILITY.*
16 DELETE SUBSECTIONS 102.3, MAINTENANCE, AND 102.4, ALTERATIONS OR
17 REPAIRS IN THEIR ENTIRETY.

18 (5) *SUBSECTION 102.7 REFERENCED CODES AND STANDARDS.*
19 DELETE THIS SECTION IN ITS ENTIRETY AND SUBSTITUTE:
20 **102.7 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND
21 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE
22 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH
23 REFERENCE.

24 **102.7.1** WHENEVER IN THIS CODE THE TERM "*INTERNATIONAL BUILDING*
25 *CODE*" IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE
26 ADOPTED PURSUANT TO THIS SUBTITLE.

27 **102.7.2** WHENEVER IN THIS CODE THE TERM "*NFPA 70 NATIONAL*
28 *ELECTRICAL CODE*" IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR
29 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

1 **102.7.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*
2 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
3 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

4 **102.7.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE CODE*”
5 IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION CODE
6 ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY CODE.

7 **102.7.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*
8 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
9 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

10 **102.7.6** 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 (6) *SECTIONS 103 THROUGH SECTION 114.*

14 DELETE SECTION 103 THROUGH SECTION 114, INCLUSIVE AND IN THEIR
15 ENTIRETY AND ADD NEW SUBSECTION 103 AS FOLLOWS:

16 **103. ADMINISTRATION:** SECTIONS 103 THROUGH 118 OF THE
17 INTERNATIONAL BUILDING CODE, 2024 EDITION, ADOPTED IN THIS
18 SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF
19 THIS CODE.

20 (7) *SUBSECTION 305.1 GENERAL:*

21 AFTER “ASTM F1346”, INSERT “AND APPROVED BY THE BUILDING
22 OFFICIAL”.

23 (8) *SUBSECTION 305.4 STRUCTURE WALL AS A BARRIER.*

24 IN ITEM #1, DELETE THE FIRST PART OF THE SENTENCE THROUGH “FLOOR.”.

25
26 **SECTION 3.108 SEVERABILITY.**

27 IF ANY PROVISION OF THIS SUBTITLE OR THE APPLICATION THEREOF TO ANY PERSON OR
28 CIRCUMSTANCES IS HELD INVALID FOR ANY REASON BY A COURT OF COMPETENT
29 JURISDICTION, THE INVALIDITY DOES NOT AFFECT OTHER PROVISIONS OR ANY OTHER
30 APPLICATION OF THIS SUBTITLE WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID

1 PROVISION OR APPLICATION, AND FOR THIS PURPOSE THE PROVISIONS OF THIS ACT ARE
2 SEVERABLE.

3
4 **SECTION 3.109 APPLICABILITY.**

5 APPENDIX CF APPLIES TO AN APPLICATION FOR A BUILDING PERMIT FILED ON OR
6 AFTER THE UNITED STATES DEPARTMENT OF ENERGY RELEASES AN UPDATE TO THE
7 COMCHECK BUILDING ENERGY CODE PROGRAM OR ANY OTHER SUCCESSIVE
8 SOFTWARE FOR THE 2024 INTERNATIONAL ENERGY CONSERVATION CODE THAT
9 INCLUDES APPENDIX CF.

10
11 APPENDIX RG APPLIES TO AN APPLICATION FOR A BUILDING PERMIT FILED ON OR
12 AFTER THE UNITED STATES DEPARTMENT OF ENERGY RELEASES AN UPDATE TO THE
13 RESCHECK BUILDING ENERGY CODE PROGRAM OR ANY OTHER SUCCESSIVE
14 SOFTWARE FOR THE 2024 INTERNATIONAL ENERGY CONSERVATION CODE THAT
15 INCLUDES APPENDIX RG.”.

16
17
18 *Section 2. And Be It Further Enacted by the County Council of Howard County,*
19 *Maryland, that this Act shall become effective 61 days after its enactment.*

Amendment 1 to Council Bill No. 24- 2025

BY: Christiana Rigby, Deb Jung, Liz Walsh, Opel Jones

Legislative Day 10

Date: July 7, 2025

Amendment No. 1

(This Amendment adopts by reference Appendix CB Solar-Ready Zone-Commercial and Appendix RB Solar-Ready Provisions-Detached One-and Two-Family Dwellings and Townhouses of the 2024 International Energy Conservation Code to be included in the Howard County Building Code)

1 On page 55, immediately after line 13, insert the following:

2 “(6) SUBSECTION C.101.7 REFERENCED APPENDICES

3 ADD NEW SUBSECTION 101.7 AFTER C101.6 AS FOLLOWS:

4 **C101.7 REFERENCED APPENDICES.** THE APPENDIX LISTED IN THIS SECTION AND REFERENCED

5 ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO

6 THE PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

7 **C101.7.1** WHENEVER IN THIS CODE THE TERM “*SOLAR-READY ZONE-COMMERCIAL*” IS USED, IT

8 SHALL MEAN APPENDIX CB OF THE 2024 INTERNATIONAL ENERGY CONSERVATION CODE

9 ADOPTED PURSUANT TO THIS SUBTITLE.”.

10 Renumber the remainder of the Section accordingly.

11 On page 56, in line 26, insert the following:

12 “(11) SUBSECTION R.101.7 REFERENCED APPENDICES.

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

14 **R.101.7 REFERENCED APPENDICES.** THE APPENDIX LISTED IN THIS SECTION AND REFERENCED

15 ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO

16 THE PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

17 **R101.7.1** WHENEVER IN THIS CODE THE TERM “*SOLAR-READY PROVISIONS-DETACHED ONE- AND*

18 *TWO-FAMILY DWELLINGS AND TOWNHOUSES*” IS USED, IT SHALL MEAN APPENDIX RB OF THE 2024

19 INTERNATIONAL ENERGY CONSERVATION CODE ADOPTED PURSUANT TO THIS SUBTITLE.”.

20

1 On page 58 in line 28, insert the following:

2 **“SECTION 3.108 SEVERABILITY.**

3 IF ANY PROVISION OF THIS SUBTITLE OR THE APPLICATION THEREOF TO ANY PERSON OR
4 CIRCUMSTANCES IS HELD INVALID FOR ANY REASON BY A COURT OF COMPETENT JURISDICTION,
5 THE INVALIDITY DOES NOT AFFECT OTHER PROVISIONS OR ANY OTHER APPLICATION OF THIS
6 SUBTITLE WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID PROVISION OR APPLICATION, AND
7 FOR THIS PURPOSE THE PROVISIONS OF THIS ACT ARE SEVERABLE.”.

8

9

10

I certify that this a true copy of
Am 1 to CB24-2025
passed on July 7, 2025
Michelle Herold
Council Administrator

Amendment 2 to Council Bill No. 24- 2025

BY: Christiana Rigby, Deb Jung, Liz Walsh, Opel Jones

Legislative Day
Date:

Amendment No. 2

~~(This Amendment adopts by reference Appendix CF Energy Credits of the 2024 International Energy Conservation Code to be included in the Howard County Building Code.)~~

(This Amendment adopts by reference Appendix CF Energy Credits of the 2024 International Energy Conservation Code to be included in the Howard County Building Code. This Amendment also exempts restaurants from the requirements of Appendix CF)

On page 55, immediately after line 13, insert the following:

“(6) SUBSECTION C.101.7 REFERENCED APPENDICES

ADD NEW SUBSECTION 101.7 AFTER C101.6 AS FOLLOWS:

C101.7 REFERENCED APPENDICES. THE APPENDIX LISTED IN THIS SECTION AND REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

C101.7.1 WHENEVER IN THIS CODE THE TERM “ENERGY CREDITS” IS USED, IT SHALL MEAN APPENDIX CF OF THE 2024 INTERNATIONAL ENERGY CONSERVATION CODE ADOPTED PURSUANT TO THIS SUBTITLE.

C101.7.2 EXEMPTION FOR RESTAURANTS. THE REQUIREMENTS OF APPENDIX CF SHALL NOT APPLY TO ANY PORTION OF A BUILDING THAT IS A FOOD SERVICE FACILITY AS DEFINED UNDER HOWARD COUNTY CODE TITLE 12, SEC. 12-107, PROVIDED THAT FACILITY IS PRIMARILY ENGAGED IN THE PREPARATION OF FOOD AND BEVERAGES FOR ON-PREMISES OR OFF-PREMISES CONSUMPTION, INCLUDING DINE-IN, QUICK-SERVICE, AND FAST-CASUAL RESTAURANTS. THIS EXEMPTION DOES NOT APPLY TO GROCERY STORES, CONVENIENCE STORES, GAS STATIONS, OR OTHER RETAIL ESTABLISHMENTS WHERE FOOD SERVICE IS INCIDENTAL TO THE PRIMARY BUSINESS ACTIVITY.”.

Renumber the remainder of the Section accordingly.

On page 58 in line 28, insert the following:

I certify that this is a true copy of
Am 2 CB 24-2025
passed on July 7, 2025
Nichola Howard
Council Administrator

1 **“SECTION 3.108 SEVERABILITY.**

2 IF ANY PROVISION OF THIS SUBTITLE OR THE APPLICATION THEREOF TO ANY PERSON OR
3 CIRCUMSTANCES IS HELD INVALID FOR ANY REASON BY A COURT OF COMPETENT JURISDICTION,
4 THE INVALIDITY DOES NOT AFFECT OTHER PROVISIONS OR ANY OTHER APPLICATION OF THIS
5 SUBTITLE WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID PROVISION OR APPLICATION, AND
6 FOR THIS PURPOSE THE PROVISIONS OF THIS ACT ARE SEVERABLE.

7 **SECTION 3.109 APPLICABILITY.**

8 APPENDIX CF APPLIES TO AN APPLICATION FOR A BUILDING PERMIT FILED ON OR AFTER THE
9 UNITED STATES DEPARTMENT OF ENERGY RELEASES AN UPDATE TO THE COMCHECK BUILDING
10 ENERGY CODE PROGRAM OR ANY OTHER SUCCESSIVE SOFTWARE FOR THE 2024 INTERNATIONAL
11 ENERGY CONSERVATION CODE THAT INCLUDES APPENDIX CF.”.

Amendment 1 to Amendment 2 to Council Bill No. 24 -2025

BY: Christiana Rigby

Legislative Day 10

Date: July 7, 2025

Amendment No. 1 to Amendment No. 2

(This Amendment to Amendment inserts language that the provisions of the Amendment shall be applicable upon the application of a building permit filed on or after the United States Department of Energy releases the most updated version of the ComCheck Building Energy Code Program)

1 On page 1 on line 18, insert the following:

2 **“SECTION 3.109 APPLICABILITY.**

3 APPENDIX CF APPLIES TO AN APPLICATION FOR A BUILDING PERMIT FILED ON OR AFTER THE

4 UNITED STATES DEPARTMENT OF ENERGY RELEASES AN UPDATE TO THE COMCHECK BUILDING

5 ENERGY CODE PROGRAM OR ANY OTHER SUCCESSIVE SOFTWARE FOR THE 2024 INTERNATIONAL

6 ENERGY CONSERVATION CODE THAT INCLUDES APPENDIX CF.”.

7

I certify that this a true copy of
Am 1 to Am 2 CB 24-2025
passed on July 7, 2025
Michelle Harsrud
Council Administrator

Amendment 2 to Amendment 2 to Council Bill No. 24 -2025

BY: David Yungmann

Legislative Day 10

Date: July 7, 2025

Amendment No. 2 to Amendment No. 2

(This Amendment to Amendment exempts restaurants from the requirements of Appendix CF)

1 Strike the parenthetical in its entirety and replace with the following:

2 *"This Amendment adopts by reference Appendix CF Energy Credits of the 2024 International*
3 *Energy Conservation Code to be included in the Howard County Building Code. This*
4 *Amendment also exempts restaurants from the requirements of Appendix CF"*

5 On page 1 immediately after line 9, insert the following:

6 **"C101.7.2 EXEMPTION FOR RESTAURANTS. THE REQUIREMENTS OF APPENDIX CF SHALL**
7 **NOT APPLY TO A FOOD SERVICE FACILITY AS DEFINED UNDER HOWARD COUNTY CODE TITLE 12,**
8 **SEC. 12-107, PROVIDED THAT FACILITY IS PRIMARILY ENGAGED IN THE PREPARATION OF FOOD AND**
9 **BEVERAGES FOR ON-PREMISES OR OFF-PREMISES CONSUMPTION, INCLUDING DINE-IN, QUICK-**
10 **SERVICE, AND FAST-CASUAL RESTAURANTS. THIS EXEMPTION DOES NOT APPLY TO GROCERY**
11 **STORES, CONVENIENCE STORES, GAS STATIONS, OR OTHER RETAIL ESTABLISHMENTS WHERE FOOD**
12 **SERVICE IS INCIDENTAL TO THE PRIMARY BUSINESS ACTIVITY."**

13

I certify that this a true copy of
Am 2 Am2 CB24-2025
passed on July 7, 2025
Michelle Harwood
Council Administrator

Amendment 3 to Amendment 2 to Council Bill No. 24 -2025

BY: Deb Jung

Legislative Day 10

Date: July 7, 2025

Amendment No. 3

(This Amendment to Amendment exempts standalone restaurants from the requirements of Appendix CF)

1 Strike the parenthetical in its entirety and replace with the following:

2 *“This Amendment adopts by reference Appendix CF Energy Credits of the 2024 International*
3 *Energy Conservation Code to be included in the Howard County Building Code. This*
4 *Amendment also exempts standalone restaurants from the requirements of Appendix CF”*

5 On page 1 immediately after line 9, insert the following:

6 **“C101.7.2 EXEMPTION FOR RESTAURANTS. THE REQUIREMENTS OF APPENDIX CF SHALL**
7 **NOT APPLY TO ANY PORTION OF A BUILDING THAT IS A FOOD SERVICE FACILITY AS DEFINED UNDER**
8 **HOWARD COUNTY CODE TITLE 12, SEC. 12-107, PROVIDED THAT FACILITY IS PRIMARILY ENGAGED**
9 **IN THE PREPARATION OF FOOD AND BEVERAGES FOR ON-PREMISES OR OFF-PREMISES CONSUMPTION,**
10 **INCLUDING DINE-IN, QUICK-SERVICE, AND FAST-CASUAL RESTAURANTS. THIS EXEMPTION DOES**
11 **NOT APPLY TO GROCERY STORES, CONVENIENCE STORES, GAS STATIONS, OR OTHER RETAIL**
12 **ESTABLISHMENTS WHERE FOOD SERVICE IS INCIDENTAL TO THE PRIMARY BUSINESS ACTIVITY.”.**

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Am 3 Am 2 CB 24-2025
passed on July 7, 2025
Michelle H. H. H. H.
Council Administrator

Amendment 3 to Council Bill No. 24-2025

BY: Christina Rigby, Deb Jung, Liz Walsh, Opel Jones

Legislative Day 10

Date: July 7, 2025

Amendment No. 3

(This Amendment adopts by reference Appendix CG Electric Vehicle Charging Infrastructure of the 2024 International Energy Conservation Code to be included in the Howard County Building Code.)

On page 55, immediately after line 13, insert the following:

“(6) SUBSECTION C.101.7 REFERENCED APPENDICES

ADD NEW SUBSECTION 101.7 AFTER C101.6 AS FOLLOWS:

C101.7 REFERENCED APPENDICES. THE APPENDIX LISTED IN THIS SECTION AND REFERENCED

ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO

THE PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

C101.7.1 WHENEVER IN THIS CODE THE TERM “*ELECTRIC VEHICLE CHARGING INFRASTRUCTURE*” IS

USED, IT SHALL MEAN APPENDIX CG OF THE 2024 INTERNATIONAL ENERGY CONSERVATION CODE

ADOPTED PURSUANT TO THIS SUBTITLE.”.

Renumber the remainder of the Section accordingly.

On page 58 in line 28, insert the following:

“SECTION 3.108 SEVERABILITY.

IF ANY PROVISION OF THIS SUBTITLE OR THE APPLICATION THEREOF TO ANY PERSON OR

CIRCUMSTANCES IS HELD INVALID FOR ANY REASON BY A COURT OF COMPETENT JURISDICTION,

THE INVALIDITY DOES NOT AFFECT OTHER PROVISIONS OR ANY OTHER APPLICATION OF THIS

SUBTITLE WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID PROVISION OR APPLICATION, AND

FOR THIS PURPOSE THE PROVISIONS OF THIS ACT ARE SEVERABLE.”.

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Am 3 CB24-2025
passed on July 7, 2025

Michelle Hezzel
Council Administrator

Amendment 4 to Council Bill No. 24 - 2025

BY: Christiana Rigby, Deb Jung, Liz Walsh, Opel Jones

Legislative Day 10

Date: July 7, 2025

Amendment No. 4

(This Amendment adopts by reference Appendix CH Electric-Ready Commercial Building Provisions to the Howard County Building Code)

(This Amendment adopts by reference Appendix CH Electric Ready Commercial Building Provisions to the Howard County Code. This Amendment also exempts restaurants from the requirements of Appendix CH)

On page 55, immediately after line 13, insert the following:

“(6) SUBSECTION C.101.7 REFERENCED APPENDICES

ADD NEW SUBSECTION 101.7 AFTER C101.6 AS FOLLOWS:

C101.7 REFERENCED APPENDICES. THE APPENDIX LISTED IN THIS SECTION AND REFERENCED

ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO

THE PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

C101.7.1 WHENEVER IN THIS CODE THE TERM “*ELECTRIC-READY COMMERCIAL BUILDING*

PROVISIONS” IS USED, IT SHALL MEAN APPENDIX CH OF THE 2024 INTERNATIONAL ENERGY

CONSERVATION CODE ADOPTED PURSUANT TO THIS SUBTITLE.

C101.7.2 EXEMPTION FOR RESTAURANTS. THE REQUIREMENTS OF APPENDIX CH SHALL

NOT APPLY TO ANY PORTION OF A BUILDING THAT IS A FOOD SERVICE FACILITY AS DEFINED UNDER

HOWARD COUNTY CODE TITLE 12, SEC. 12-107, PROVIDED THAT FACILITY IS PRIMARILY ENGAGED

IN THE PREPARATION OF FOOD AND BEVERAGES FOR ON-PREMISES OR OFF-PREMISES CONSUMPTION,

INCLUDING DINE-IN, QUICK-SERVICE, AND FAST-CASUAL RESTAURANTS. THIS EXEMPTION DOES

NOT APPLY TO GROCERY STORES, CONVENIENCE STORES, GAS STATIONS, OR OTHER RETAIL

ESTABLISHMENTS WHERE FOOD SERVICE IS INCIDENTAL TO THE PRIMARY BUSINESS ACTIVITY.”.

Renumber the remainder of the Section accordingly.

On page 58 in line 28, insert the following:

“SECTION 3.108 SEVERABILITY.

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Michelle Chesser

Council Administrator

1 IF ANY PROVISION OF THIS SUBTITLE OR THE APPLICATION THEREOF TO ANY PERSON OR
2 CIRCUMSTANCES IS HELD INVALID FOR ANY REASON BY A COURT OF COMPETENT JURISDICTION,
3 THE INVALIDITY DOES NOT AFFECT OTHER PROVISIONS OR ANY OTHER APPLICATION OF THIS
4 SUBTITLE WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID PROVISION OR APPLICATION, AND
5 FOR THIS PURPOSE THE PROVISIONS OF THIS ACT ARE SEVERABLE.”.

Amendment 1 to Amendment 4 to Council Bill No. 24 -2025

BY: David Yungmann

Legislative Day 10

Date: July 7, 2025

Amendment No. 1 to Amendment No. 4

(This Amendment to Amendment exempts restaurants from the requirements of Appendix CF)

1 Strike the parenthetical in its entirety and replace with the following:

2 *“This Amendment adopts by reference Appendix CH Electric Ready Commercial Building*
3 *Provisions to the Howard County Code. This Amendment also exempts restaurants from the*
4 *requirements of Appendix CH”*

5 On page 1 immediately after line 9, insert the following:

6 **“C101.7.2 EXEMPTION FOR RESTAURANTS. THE REQUIREMENTS OF APPENDIX CF SHALL**
7 **NOT APPLY TO A FOOD SERVICE FACILITY AS DEFINED UNDER HOWARD COUNTY CODE TITLE 12,**
8 **SEC. 12-107, PROVIDED THAT FACILITY IS PRIMARILY ENGAGED IN THE PREPARATION OF FOOD AND**
9 **BEVERAGES FOR ON-PREMISES OR OFF-PREMISES CONSUMPTION, INCLUDING DINE-IN, QUICK-**
10 **SERVICE, AND FAST-CASUAL RESTAURANTS. THIS EXEMPTION DOES NOT APPLY TO GROCERY**
11 **STORES, CONVENIENCE STORES, GAS STATIONS, OR OTHER RETAIL ESTABLISHMENTS WHERE FOOD**
12 **SERVICE IS INCIDENTAL TO THE PRIMARY BUSINESS ACTIVITY.”.**

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Michelle Howard

Council Administrator

Not Moved

Amendment 2 to Amendment 4 to Council Bill No. 24 -2025

BY: David Yungmann

Legislative Day 10

Date: July 7, 2025

Amendment No. 2

(This Amendment to Amendment exempts restaurants from the requirements of Appendix CH)

1 Strike the parenthetical in its entirety and replace with the following:

2 *“This Amendment adopts by reference Appendix CH Electric Ready Commercial Building*
3 *Provisions to the Howard County Code. This Amendment also exempts restaurants from the*
4 *requirements of Appendix CH”*

5 On page 1 immediately after line 9, insert the following:

6 **“C101.7.2 EXEMPTION FOR RESTAURANTS. THE REQUIREMENTS OF APPENDIX CH SHALL**
7 **NOT APPLY TO ANY PORTION OF A BUILDING THAT IS A FOOD SERVICE FACILITY AS DEFINED UNDER**
8 **HOWARD COUNTY CODE TITLE 12, SEC. 12-107, PROVIDED THAT FACILITY IS PRIMARILY ENGAGED**
9 **IN THE PREPARATION OF FOOD AND BEVERAGES FOR ON-PREMISES OR OFF-PREMISES CONSUMPTION,**
10 **INCLUDING DINE-IN, QUICK-SERVICE, AND FAST-CASUAL RESTAURANTS. THIS EXEMPTION DOES**
11 **NOT APPLY TO GROCERY STORES, CONVENIENCE STORES, GAS STATIONS, OR OTHER RETAIL**
12 **ESTABLISHMENTS WHERE FOOD SERVICE IS INCIDENTAL TO THE PRIMARY BUSINESS ACTIVITY.”.**

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passed on July 7, 2025
Michelle Howard
Council Administrator

Amendment to 5 Council Bill No. 24- 2025

BY: Liz Walsh

Legislative Day 10

Date: July 7, 2025

Amendment No. 5

(This Amendment adopts by reference Appendix RG 2024 IECC Stretch Code of the 2024 International Energy Conservation Code to be included in the Howard County Building Code)

On page 56, in line 26, insert the following:

“(11) SUBSECTION R.101.7 REFERENCED APPENDICES.

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

R.101.7 REFERENCED APPENDICES. THE APPENDIX LISTED IN THIS SECTION AND REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

R101.7.1 WHENEVER IN THIS CODE THE TERM “*ELECTRIC-READY RESIDENTIAL 2024 IECC STRETCH CODE*” IS USED, IT SHALL MEAN APPENDIX RG OF THE 2024 INTERNATIONAL ENERGY CONSERVATION CODE ADOPTED PURSUANT TO THIS SUBTITLE.”.

On page 58 in line 28, insert the following:

“SECTION 3.108 SEVERABILITY.

IF ANY PROVISION OF THIS SUBTITLE OR THE APPLICATION THEREOF TO ANY PERSON OR CIRCUMSTANCES IS HELD INVALID FOR ANY REASON BY A COURT OF COMPETENT JURISDICTION, THE INVALIDITY DOES NOT AFFECT OTHER PROVISIONS OR ANY OTHER APPLICATION OF THIS SUBTITLE WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID PROVISION OR APPLICATION, AND FOR THIS PURPOSE THE PROVISIONS OF THIS ACT ARE SEVERABLE.

SECTION 3.109 APPLICABILITY.

APPENDIX RG APPLIES TO AN APPLICATION FOR A BUILDING PERMIT FILED ON OR AFTER THE UNITED STATES DEPARTMENT OF ENERGY RELEASES AN UPDATE TO THE RESCHECK BUILDING

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Michelle Hazzard
Council Administrator

- 1 ENERGY CODE PROGRAM OR ANY OTHER SUCCESSIVE SOFTWARE FOR THE 2024 INTERNATIONAL
- 2 ENERGY CONSERVATION CODE THAT INCLUDES APPENDIX RG.”.
- 3

Amendment 1 to Amendment 5 to Council Bill No. 24 -2025

BY: Christiana Rigby

Legislative Day 10

Date: July 7, 2025

Amendment No. 1 to Amendment No. 5

(This Amendment to Amendment inserts language that the provisions of the Amendment shall be applicable upon the application of a building permit filed on or after the United States Department of Energy releases the most updated version of the REScheck Building Energy Code Program)

1 On page 1 on line 17, insert the following:

2 **“SECTION 3.109 APPLICABILITY.**

3 APPENDIX RG APPLIES TO AN APPLICATION FOR A BUILDING PERMIT FILED ON OR AFTER THE

4 UNITED STATES DEPARTMENT OF ENERGY RELEASES AN UPDATE TO THE RESCHECK BUILDING

5 ENERGY CODE PROGRAM OR ANY OTHER SUCCESSIVE SOFTWARE FOR THE 2024 INTERNATIONAL

6 ENERGY CONSERVATION CODE THAT INCLUDES APPENDIX RG.”.

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Nichelle Perzad

Council Administrator

Amendment 6 to Council Bill No. 24- 2025

BY: Liz Walsh and Christiana Rigby

Legislative Day 10

Date: July 7, 2025

Amendment No. 6

(This Amendment adopts by reference Appendix RK Electric-Ready Residential Building Provisions of the 2024 International Energy Conservation Code to be included in the Howard County Building Code)

1

2 On page 56, in line 26, insert the following:

3 “(11) SUBSECTION R.101.7 REFERENCED APPENDICES.

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

5 **R.101.7 REFERENCED APPENDICES.** THE APPENDIX LISTED IN THIS SECTION AND REFERENCED
6 ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO
7 THE PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

8 **R101.7.1** WHENEVER IN THIS CODE THE TERM “*ELECTRIC-READY RESIDENTIAL BUILDING*
9 *PROVISIONS*” IS USED, IT SHALL MEAN APPENDIX RK OF THE 2024 INTERNATIONAL ENERGY
10 CONSERVATION CODE ADOPTED PURSUANT TO THIS SUBTITLE.”.

11 On page 58 in line 28, insert the following:

12 “**SECTION 3.108 SEVERABILITY.**

13 IF ANY PROVISION OF THIS SUBTITLE OR THE APPLICATION THEREOF TO ANY PERSON OR
14 CIRCUMSTANCES IS HELD INVALID FOR ANY REASON BY A COURT OF COMPETENT JURISDICTION,
15 THE INVALIDITY DOES NOT AFFECT OTHER PROVISIONS OR ANY OTHER APPLICATION OF THIS
16 SUBTITLE WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID PROVISION OR APPLICATION, AND
17 FOR THIS PURPOSE THE PROVISIONS OF THIS ACT ARE SEVERABLE.”.

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passed on July 7, 2025

Michelle Howard
Council Administrator

Amendment 7 to Council Bill No. 24 - 2025

BY: Liz Walsh

Legislative Day 10

Date: July 7, 2025

Amendment No. 7

(This Amendment provides additional energy efficiency requirements for new residential construction in the Howard County Building Code.)

On page 56, in line, 26 insert the following:

“(11) DELETE THE PARAGRAPH MARKED SECTION R408.2 AND REPLACE WITH THE FOLLOWING.

R408.2 ADDITIONAL ENERGY EFFICIENCY CREDIT REQUIREMENTS. RESIDENTIAL BUILDINGS
SHALL EARN NOT LESS THAN 35 CREDITS FROM NOT LESS THAN TWO MEASURES FROM TABLE
R408.2 AND TABLE R408.2.12. FIVE ADDITIONAL CREDITS SHALL BE EARNED FOR
DWELLING UNITS WITH MORE THAN 5,000 SQUARE FEET (465 M2) OF LIVING SPACE LOCATED
ABOVE GRADE PLANE. TO EARN CREDIT AS SPECIFIED IN TABLE R408.2 OR TABLE R408.2.12,
EACH MEASURE SELECTED FOR COMPLIANCE SHALL COMPLY WITH THE APPLICABLE
SUBSECTIONS OF SECTION R408 OR SECTION R408.2.12. EACH DWELLING UNIT OR SLEEPING
UNIT SHALL COMPLY WITH THE SELECTED MEASURE TO EARN CREDIT. INTERPOLATION OF
CREDITS BETWEEN MEASURES SHALL NOT BE PERMITTED.

AFTER SECTION R408.2.11, ADD SECTION R408.2.12 AS FOLLOWS.

TABLE R408.2.12 CREDITS FOR ADDITIONAL ENERGY EFFICIENCY-EFFICIENT
EQUIPMENT TYPES.

<u>MEASURE</u> <u>NUMBER</u>	<u>MEASURE</u> <u>DESCRIPTION</u>	<u>UNIT TYPE</u>	<u>FOUNDATION</u> <u>TYPE</u>	<u>CREDITS</u>
<u>R408.2.12.1</u>		<u>MULTIFAMILY</u>	<u>SLAB-ON-GRADE</u>	<u>2</u>

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1

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Failed Lack of Second Michael Harrison

Council Administrator

	<u>ELECTRIC HEAT PUMP</u>		<u>HEATED BASEMENT</u>	<u>6</u>
			<u>UNHEATED BASEMENT</u>	<u>1</u>
			<u>CRAWLSPACE</u>	<u>3</u>
		<u>ONE- OR TWO-FAMILY OR TOWNHOUSE</u>	<u>SLAB-ON-GRADE</u>	<u>9</u>
			<u>HEATED BASEMENT</u>	<u>13</u>
			<u>UNHEATED BASEMENT</u>	<u>8</u>
			<u>CRAWLSPACE</u>	<u>12</u>
<u>R408.2.12.2</u>	<u>ELECTRIC TANK WATER HEATER</u>	<u>MULTIFAMILY</u>	<u>SLAB-ON-GRADE</u>	<u>19</u>
			<u>HEATED BASEMENT</u>	<u>16</u>
			<u>UNHEATED BASEMENT</u>	<u>19</u>
			<u>CRAWLSPACE</u>	<u>19</u>
		<u>ONE- OR TWO-FAMILY OR TOWNHOUSE</u>	<u>SLAB-ON-GRADE</u>	<u>13</u>
			<u>HEATED BASEMENT</u>	<u>11</u>
			<u>UNHEATED BASEMENT</u>	<u>16</u>
			<u>CRAWLSPACE</u>	<u>12</u>

R408.2.12 EFFICIENT EQUIPMENT TYPES. *DWELLING UNITS* SHALL COMPLY WITH SECTION R408.2.12.1, SECTION R408.2.12.2, OR BOTH TO EARN THE APPLICABLE AMOUNT OF CREDITS FOR THE *DWELLING UNIT*'S UNIT TYPE AND FOUNDATION TYPE. A *DWELLING UNIT* IS PERMITTED TO EARN CREDITS FROM THESE MEASURES IN ADDITION TO CREDITS FROM MEASURES IN **SECTION R408.2.2** AND **SECTION R408.2.3.**

R408.2.12.1 EFFICIENT SPACE HEATING EQUIPMENT TYPE. INSTALLED SPACE HEATING SYSTEMS SHALL BE ONE OR MORE ELECTRIC HEAT PUMPS AND SHALL COMPLY WITH ALL OF THE FOLLOWING. WHERE MULTIPLE HEATING SYSTEMS ARE INSTALLED SERVING DIFFERENT ZONES OR PARTIAL HEATING LOADS, CREDITS SHALL BE EARNED ACCORDING TO EQUATION RM-1.

1. HEAT PUMPS SHALL BE AS OR MORE EFFICIENT THAN REQUIRED BY APPLICABLE FEDERAL MINIMUM ENERGY EFFICIENCY STANDARDS.

2. HEAT PUMPS SHALL BE SIZED IN ACCORDANCE WITH SECTION R403.7.

3. HEAT PUMPS SHALL BE CONFIGURED TO PROVIDE BOTH SPACE HEATING AND SPACE COOLING.

4. HEAT PUMPS SHALL BE CONFIGURED AS THE PRIMARY SPACE HEATING EQUIPMENT AND MAY BE INSTALLED WITH SUPPLEMENTARY ELECTRIC RESISTANCE HEAT IN ACCORDANCE WITH SECTION R403.1.2.

EQUATION RM-1 $C = \sum N(ZPSF * ZPHL) * MC$

WHERE:

C = THE CREDITS EARNED BY THE *DWELLING UNIT* FOR MEASURE R408.2.12.1

$\sum N$ = THE SUM OF THE FOLLOWING EXPRESSION FOR ALL *ZONES* IN *CONDITIONED SPACE*

$ZPSF$ = THE PERCENT OF *DWELLING UNIT* SQUARE FOOTAGE LOCATED IN *ZONE N*

$ZPHL$ = THE PERCENT OF *ZONE N* DESIGN HEATING LOAD SERVED BY AN ELECTRIC HEAT PUMP

MC = THE CREDITS LISTED IN TABLE R408.2.12 FOR MEASURE R408.2.12.1

R408.2.12.2 EFFICIENT WATER HEATING EQUIPMENT TYPE. THE INSTALLED HOT WATER SYSTEM SHALL BE AN ELECTRIC TANK WATER HEATER THAT IS AS OR MORE EFFICIENT THAN REQUIRED BY APPLICABLE FEDERAL MINIMUM ENERGY EFFICIENCY STANDARDS.

DELETE THE PARAGRAPH MARKED SECTION R405.2, INCLUDING EXCEPTIONS, AND REPLACE WITH THE FOLLOWING.

SECTION R405.2 SIMULATED BUILDING PERFORMANCE COMPLIANCE. COMPLIANCE BASED ON *SIMULATED BUILDING PERFORMANCE* REQUIRES THAT A *BUILDING* COMPLY WITH THE FOLLOWING:

1. THE REQUIREMENTS OF THE SECTIONS INDICATED WITHIN **R405.2.**
2. THE PROPOSED TOTAL *BUILDING THERMAL ENVELOPE* THERMAL CONDUCTANCE (TC) SHALL BE LESS THAN OR EQUAL TO THE REQUIRED TOTAL BUILDING THERMAL ENVELOPE TC USING THE PRESCRIPTIVE *U*-FACTORS AND *F*-FACTORS FROM **TABLE R402.1.2** MULTIPLIED BY 1.05 IN ACCORDANCE WITH **EQUATION 4-2** AND **SECTION R402.1.5.**

EQUATION 4-2 $TC_{PROPOSED\ DESIGN} \leq 1.05 \times TC_{PRESCRIPTIVE\ REFERENCE\ DESIGN}$

3. THE ANNUAL *SITE ENERGY USE* OF EACH *DWELLING UNIT* SHALL BE LESS THAN OR EQUAL TO 55 PERCENT OF THE ANNUAL *SITE ENERGY USE* OF THE *STANDARD REFERENCE DESIGN*. FOR EACH *DWELLING UNIT* WITH GREATER THAN 5,000 SQUARE FEET (465 M²) OF *LIVING SPACE* LOCATED ABOVE *GRADE PLANE*, THE ANNUAL *SITE ENERGY USE* OF THE *DWELLING UNIT* SHALL BE REDUCED BY AN ADDITIONAL 5 PERCENT OF ANNUAL *SITE ENERGY USE* OF THE *STANDARD REFERENCE DESIGN*.

DELETE TABLE R405.4.2(1) AND REPLACE WITH THE FOLLOWING.

TABLE R405.4.2(1)

SPECIFICATIONS FOR THE STANDARD REFERENCE AND PROPOSED DESIGNS

<u>BUILDING COMPO- NENT</u>	<u>STANDARD REFERENCE DESIGN</u>	<u>PROPOSED DESIGN</u>
<u>ABOVE- GRADE WALLS</u>	<u>TYPE: MASS WHERE THE PROPOSED WALL IS A MASS WALL; OTHERWISE WOOD FRAME.</u>	<u>AS PROPOSED.</u>
	<u>GROSS AREA: SAME AS PROPOSED.</u>	<u>AS PROPOSED</u>
	<u>U-FACTOR: AS SPECIFIED IN TABLE R402.1.2.</u>	<u>AS PROPOSED.</u>

	<u>SOLAR REFLECTANCE = 0.25.</u>	<u>AS PROPOSED.</u>
	<u>EMITTANCE = 0.90.</u>	<u>AS PROPOSED.</u>
<u>BASEMENT</u>	<u>TYPE: SAME AS PROPOSED.</u>	<u>AS PROPOSED.</u>
<u>AND CRAWL</u>	<u>GROSS AREA: SAME AS PROPOSED.</u>	<u>AS PROPOSED.</u>
<u>SPACE</u>	<u>U-FACTOR: AS SPECIFIED IN TABLE R402.1.2 , WITH THE</u>	<u>AS PROPOSED.</u>
<u>WALLS</u>	<u>INSULATION LAYER ON THE INTERIOR SIDE OF THE</u> <u>WALLS.</u>	
<u>ABOVE-</u>	<u>TYPE: WOOD FRAME.</u>	<u>AS PROPOSED.</u>
<u>GRADE</u>	<u>GROSS AREA: SAME AS PROPOSED.</u>	<u>AS PROPOSED.</u>
<u>FLOORS</u>	<u>U-FACTOR: AS SPECIFIED IN TABLE R402.1.2.</u>	<u>AS PROPOSED.</u>
<u>CEILINGS</u>	<u>TYPE: WOOD FRAME.</u>	<u>AS PROPOSED.</u>
	<u>GROSS AREA: SAME AS PROPOSED.</u>	<u>AS PROPOSED.</u>
	<u>U-FACTOR: AS SPECIFIED IN TABLE R402.1.2.</u>	<u>AS PROPOSED.</u>
<u>ROOFS</u>	<u>TYPE: COMPOSITION SHINGLE ON WOOD SHEATHING.</u>	<u>AS PROPOSED.</u>
	<u>GROSS AREA: SAME AS PROPOSED.</u>	<u>AS PROPOSED.</u>
	<u>SOLAR REFLECTANCE = 0.25.</u>	<u>AS PROPOSED.</u>
	<u>EMITTANCE = 0.90.</u>	<u>AS PROPOSED.</u>
<u>ATTICS</u>	<u>TYPE: VENTED WITH AN APERTURE OF 1 FT2 PER 300 FT2</u> <u>OF CEILING AREA.</u>	<u>AS PROPOSED.</u>
<u>FOUNDATIO</u>	<u>TYPE: SAME AS PROPOSED.</u>	<u>AS PROPOSED.</u>
<u>NS</u>	<u>FOUNDATION WALL EXTENSION ABOVE AND BELOW</u> <u>GRADE: SAME AS PROPOSED. FOUNDATION WALL OR</u> <u>SLAB PERIMETER LENGTH: SAME AS PROPOSED.</u> <u>SOIL CHARACTERISTICS: SAME AS PROPOSED.</u>	<u>AS PROPOSED.</u>
	<u>FOUNDATION WALL U-FACTOR AND SLAB F-FACTOR: AS</u> <u>SPECIFIED IN TABLE R402.1.2.</u>	
<u>OPAQUE</u>	<u>AREA: 40 FT2.</u>	<u>AS PROPOSED.</u>
<u>DOORS</u>	<u>ORIENTATION: NORTH.</u>	<u>AS PROPOSED.</u>
	<u>U-FACTOR: SAME AS FENESTRATION AS SPECIFIED IN</u> <u>TABLE R402.1.2 .</u>	<u>AS PROPOSED.</u>

<u>VERTICAL FENESTRATION ON OTHER THAN OPAQUE DOORS</u>	<u>TOTAL AREA_H =</u> <u>(A) THE PROPOSED GLAZING AREA, WHERE THE PROPOSED GLAZING AREA IS LESS THAN 15 PERCENT OF THE CONDITIONED FLOOR AREA.</u> <u>(B) 15 PERCENT OF THE CONDITIONED FLOOR AREA, WHERE THE PROPOSED GLAZING AREA IS 15 PERCENT OR MORE OF THE CONDITIONED FLOOR AREA.</u>	<u>AS PROPOSED.</u>
	<u>ORIENTATION: EQUALLY DISTRIBUTED TO FOUR CARDINAL COMPASS ORIENTATIONS (N, E, S & W).</u>	<u>AS PROPOSED.</u>
	<u>U-FACTOR: AS SPECIFIED IN TABLE R402.1.2.</u>	<u>AS PROPOSED.</u>
	<u>SHGC: AS SPECIFIED IN TABLE R402.1.2 EXCEPT FOR CLIMATE ZONES WITHOUT AN SHGC REQUIREMENT, THE SHGC SHALL BE EQUAL TO 0.40.</u>	<u>AS PROPOSED.</u>
	<u>INTERIOR SHADE FRACTION: $0.92 - (0.21 \times \text{SHGC FOR THE STANDARD REFERENCE DESIGN})$.</u>	<u>INTERIOR SHADE FRACTION: $0.92 - (0.21 \times \text{SHGC AS PROPOSED})$.</u>
	<u>EXTERNAL SHADING: NONE</u>	<u>AS PROPOSED.</u>
<u>SKYLIGHTS</u>	<u>NONE</u>	<u>AS PROPOSED.</u>
<u>THERMALLY ISOLATED SUNROOMS</u>	<u>NONE</u>	<u>AS PROPOSED.</u>
<u>AIR LEAKAGE RATE</u>	<u>FOR DETACHED ONE-FAMILY DWELLINGS, THE AIR LEAKAGE RATE AT A PRESSURE OF 0.2 INCH WATER GAUGE (50 PA) SHALL BE AS FOLLOWS:</u> <u>CLIMATE ZONES 0 THROUGH 2: 4.0 AIR CHANGES PER HOUR.</u> <u>CLIMATE ZONES 3, 4 AND 5: 3.0 AIR CHANGES PER HOUR.</u> <u>CLIMATE ZONES 6 THROUGH 8: 2.5 AIR CHANGES PER</u>	<u>THE MEASURED AIR LEAKAGE RATE.A</u>

	<p><u>HOUR.</u></p> <p><u>FOR DETACHED ONE-FAMILY DWELLINGS THAT ARE</u></p> <p><u>1,500 FT² OR SMALLER AND ATTACHED DWELLING</u></p> <p><u>UNITS OR SLEEPING UNITS, THE AIR LEAKAGE RATE AT A</u></p> <p><u>PRESSURE OF 0.2 INCH WATER GAUGE (50 PA) SHALL BE</u></p> <p><u>0.27 CFM/FT² OF THE TESTING UNIT ENCLOSURE AREA.</u></p>	
<p><u>MECHANICA</u></p> <p><u>L</u></p> <p><u>VENTILATIO</u></p> <p><u>N RATE</u></p>	<p><u>THE MECHANICAL VENTILATION RATE SHALL BE IN</u></p> <p><u>ADDITION TO THE AIR LEAKAGE RATE AND SHALL BE THE</u></p> <p><u>SAME AS IN THE PROPOSED DESIGN, BUT NOT GREATER</u></p> <p><u>THAN $B \times M$</u></p> <p><u>WHERE:</u></p> <p><u>$B = 0.01 \times CFA + 7.5 \times (NBR + 1)$, CFM.</u></p> <p><u>$M = 1.0$ WHERE THE MEASURED AIR LEAKAGE RATE IS $\geq$</u></p> <p><u>3.0 AIR CHANGES PER HOUR AT 50 PASCALS, AND</u></p> <p><u>OTHERWISE, $M = \text{MINIMUM}(1.7, Q/B)$.</u></p> <p><u>$Q$ = THE PROPOSED MECHANICAL VENTILATION RATE,</u></p> <p><u>CFM.</u></p> <p><u>CFA = CONDITIONED FLOOR AREA, FT².</u></p> <p><u>NBR = NUMBER OF BEDROOMS.</u></p>	<p><u>THE MEASURED</u></p> <p><u>MECHANICAL</u></p> <p><u>VENTILATION RATE B</u></p> <p><u>(Q) SHALL BE IN</u></p> <p><u>ADDITION TO THE</u></p> <p><u>MEASURED AIR</u></p> <p><u>LEAKAGE RATE.</u></p>
<p><u>MECHANICA</u></p> <p><u>L</u></p> <p><u>VENTILATIO</u></p> <p><u>N FAN</u></p> <p><u>ENERGY</u></p>	<p><u>THE MECHANICAL VENTILATION SYSTEM TYPE SHALL BE</u></p> <p><u>THE SAME AS IN THE PROPOSED DESIGN. HEAT</u></p> <p><u>RECOVERY OR ENERGY RECOVERY SHALL BE MODELED</u></p> <p><u>FOR MECHANICAL VENTILATION WHERE REQUIRED BY</u></p> <p><u>SECTION R403.6.1. HEAT RECOVERY OR ENERGY</u></p> <p><u>RECOVERY SHALL NOT BE MODELED FOR MECHANICAL</u></p> <p><u>VENTILATION WHERE NOT REQUIRED BY SECTION</u></p> <p><u>R403.6.1.</u></p> <p><u>WHERE MECHANICAL VENTILATION IS NOT SPECIFIED IN</u></p> <p><u>THE PROPOSED DESIGN: NONE</u></p> <p><u>WHERE MECHANICAL VENTILATION IS SPECIFIED IN THE</u></p> <p><u>PROPOSED DESIGN, THE ANNUAL VENT FAN ENERGY USE,</u></p>	<p><u>AS PROPOSED.</u></p>

	<p><u>IN UNITS OF KWH/YR, SHALL EQUAL $(8.76 \times B \times M)/EF$</u></p> <p><u>WHERE: B AND M ARE DETERMINED IN ACCORDANCE</u></p> <p><u>WITH THE AIR EXCHANGE MECHANICAL VENTILATION</u></p> <p><u>RATE ROW OF THIS TABLE. EF = THE MINIMUM FAN</u></p> <p><u>EFFICACY, AS SPECIFIED IN TABLE R403.6.2,</u></p> <p><u>CORRESPONDING TO THE SYSTEM TYPE AT A FLOW RATE</u></p> <p><u>OF $B \times M$.</u></p>	
<u>INTERNAL</u> <u>GAINS</u>	<p><u>IGAIN, IN UNITS OF BTU/DAY PER DWELLING UNIT,</u></p> <p><u>SHALL EQUAL $17,900 + 23.8 \times CFA + 4,104 \times NBR$</u></p> <p><u>WHERE:</u></p> <p><u>CFA = CONDITIONED FLOOR AREA, FT².</u></p> <p><u>NBR = NUMBER OF BEDROOMS.</u></p>	<u>SAME AS STANDARD</u> <u>REFERENCE DESIGN.</u>
<u>INTERNAL</u> <u>MASS</u>	<p><u>INTERNAL MASS FOR FURNITURE AND CONTENTS: 8</u></p> <p><u>POUNDS PER SQUARE FOOT OF FLOOR AREA.</u></p>	<p><u>SAME AS STANDARD</u></p> <p><u>REFERENCE DESIGN,</u></p> <p><u>PLUS ANY</u></p> <p><u>ADDITIONAL MASS</u></p> <p><u>SPECIFICALLY</u></p> <p><u>DESIGNED AS A</u></p> <p><u>THERMAL STORAGE</u></p> <p><u>ELEMENTC BUT NOT</u></p> <p><u>INTEGRAL TO THE</u></p> <p><u>BUILDING THERMAL</u></p> <p><u>ENVELOPE OR</u></p> <p><u>STRUCTURE.</u></p>
<u>STRUCTURA</u> <u>L MASS</u>	<p><u>FOR MASONRY FLOOR SLABS: 80 PERCENT OF FLOOR</u></p> <p><u>AREA COVERED BY R-2 CARPET AND PAD, AND 20</u></p> <p><u>PERCENT OF FLOOR DIRECTLY EXPOSED TO ROOM AIR.</u></p>	<u>AS PROPOSED.</u>
	<p><u>FOR MASONRY BASEMENT WALLS: AS PROPOSED, BUT</u></p> <p><u>WITH INSULATION AS SPECIFIED IN TABLE R402.1.3,</u></p> <p><u>LOCATED ON THE INTERIOR SIDE OF THE WALLS.</u></p>	<u>AS PROPOSED.</u>

	<u>FOR OTHER WALLS, CEILINGS, FLOORS, AND INTERIOR WALLS: WOOD-FRAMED CONSTRUCTION.</u>	<u>AS PROPOSED.</u>
<u>HEATING</u> <u>SYSTEMSD, E</u>	<u>FUEL TYPE/CAPACITY: NATURAL GAS, WITH CAPACITY THE SAME AS PROPOSED DESIGN</u>	<u>AS PROPOSED.</u>
	<u>PRODUCT CLASS: IF THE PROPOSED DESIGN USES ONLY NATURAL GAS HEATING SYSTEMS, SAME AS PROPOSED DESIGN. FOR ANY PROPOSED HEATING SYSTEMS THAT DO NOT USE NATURAL GAS, THE <i>STANDARD REFERENCE DESIGN</i> SHALL INCLUDE A HEATING SYSTEM OF A PRODUCT CLASS THAT USES NATURAL GAS. FOR <i>PROPOSED DESIGNS</i> WITH FORCED AIR OR ELECTRIC RESISTANCE RADIATIVE HEATING DISTRIBUTION SYSTEMS, SUBSTITUTE A FURNACE. FOR <i>PROPOSED DESIGNS</i> WITH HYDRONIC HEATING DISTRIBUTION SYSTEMS, SUBSTITUTE A BOILER.</u>	<u>AS PROPOSED.</u>
	<u>EFFICIENCIES:</u>	
	<u>FUEL GAS AND LIQUID FUEL FURNACES: COMPLYING WITH AND HAVING EFFICIENCY RATINGS EQUAL TO THE MINIMUM REQUIREMENTS OF 10 CFR §430.32.</u>	<u>FORCED AIR AND ELECTRIC RESISTANCE HEATING SYSTEMS AS PROPOSED.</u>
	<u>FUEL GAS AND LIQUID FUEL BOILERS: COMPLYING WITH AND HAVING EFFICIENCY RATINGS EQUAL TO THE MINIMUM REQUIREMENTS OF 10 CFR §430.32.</u>	<u>HYDRONIC HEATING SYSTEMS AS PROPOSED.</u>
<u>COOLING</u> <u>SYSTEMSD, F</u>	<u>FUEL TYPE: ELECTRIC</u> <u>CAPACITY: SAME AS PROPOSED DESIGN.</u>	<u>AS PROPOSED.</u>
	<u>EFFICIENCIES: COMPLYING WITH 10 CFR §430.32.</u>	<u>AS PROPOSED.</u>
<u>SERVICE</u> <u>WATER</u> <u>HEATINGD, G</u>	<u>USE, IN UNITS OF GAL/DAY = $25.5 + (8.5 \times NBR)$</u> <u>WHERE: NBR = NUMBER OF BEDROOMS.</u>	<u>USE, IN UNITS OF GAL/DAY = $25.5 + (8.5 \times NBR) \times (1 - HWDS)$</u>

		<p><u>WHERE:</u></p> <p><u>NBR = NUMBER OF BEDROOMS.</u></p> <p><u>$HWDS$ = FACTOR FOR THE COMPACTNESS OF THE HOT WATER DISTRIBUTION SYSTEM.</u></p>		
		<p><u>COMPACTNESS RATIO FACTOR</u></p>		<p><u>HWDS</u></p>
		<p><u>1 STORY</u></p>	<p><u>2 OR MORE STORIES</u></p>	
		<p><u>$\geq 60\%$</u></p>	<p><u>$\geq 30\%$</u></p>	<p><u>0</u></p>
		<p><u>$\geq 30\%$</u></p> <p><u>TO $\leq 60\%$</u></p>	<p><u>$\geq 15\%$</u></p> <p><u>TO $\leq 30\%$</u></p>	<p><u>0.05</u></p>
		<p><u>$\geq 15\%$</u></p> <p><u>TO $\leq 30\%$</u></p>	<p><u>$\geq 7.5\%$</u></p> <p><u>TO $\leq 15\%$</u></p>	<p><u>0.10</u></p>
		<p><u>$\leq 15\%$</u></p>	<p><u>$\leq 7.5\%$</u></p>	<p><u>0.15</u></p>
	<p><u>FUEL TYPE AND PRODUCT CLASS: NATURAL GAS TANK WATER HEATER.</u></p>	<p><u>AS PROPOSED.</u></p>		
	<p><u>RATED STORAGE VOLUME: SAME AS PROPOSED DESIGN.</u></p>	<p><u>AS PROPOSED.</u></p>		
	<p><u>DRAW PATTERN: SAME AS PROPOSED DESIGN.</u></p>	<p><u>AS PROPOSED.</u></p>		

	<u>EFFICIENCIES: UNIFORM ENERGY FACTOR COMPLYING WITH AND HAVING EFFICIENCY RATINGS EQUAL TO THE MINIMUM REQUIREMENTS OF 10 CFR §430.32.</u>				<u>AS PROPOSED.</u>
	<u>TANK TEMPERATURE: 120°F (48.9°C).</u>				<u>SAME AS STANDARD REFERENCE DESIGN.</u>
<u>THERMAL DISTRIBUTION SYSTEMS</u>	<u>DUCT INSULATION: IN ACCORDANCE WITH SECTION R403.3.3.</u>				<u>DUCT INSULATION: AS PROPOSED.K</u>
	<u>DUCT LOCATION:</u>				<u>DUCT LOCATION: AS PROPOSED.J</u>
	<u>FOUNDATION TYPE</u>	<u>SLAB ON GRADE</u>	<u>UNCONDITIONED CRAWL SPACE</u>	<u>BASEMENT OR CONDITIONED CRAWL SPACE</u>	<u>—</u>
	<u>DUCT LOCATION (SUPPLY AND RETURN)</u>	<u>ONE-STORY BUILDING: 100% IN UNCONDITIONED ATTIC. ALL OTHER: 75% IN UNCONDITIONED ATTIC AND 25% INSIDE CONDITIONED SPACE.</u>	<u>ONE-STORY BUILDING: 100% IN UNCONDITIONED CRAWL SPACE. ALL OTHER: 75% IN UNCONDITIONED CRAWL SPACE AND 25% INSIDE CONDITIONED SPACE.</u>	<u>75% INSIDE CONDITIONED SPACE 25% UNCONDITIONED ATTIC.</u>	<u>DUCT SYSTEM LEAKAGE TO OUTSIDE: THE MEASURED TOTAL DUCT SYSTEM LEAKAGE RATE SHALL BE ENTERED INTO THE SOFTWARE AS THE DUCT SYSTEM LEAKAGE TO OUTSIDE RATE.</u> <u>EXCEPTIONS:</u> <u>1 WHERE DUCT SYSTEM LEAKAGE</u>
<u>DUCT SYSTEM LEAKAGE TO OUTSIDE: FOR DUCT SYSTEMS SERVING > 1,000 FT² OF CONDITIONED FLOOR</u>					

	<p><u>AREA, THE DUCT LEAKAGE TO OUTSIDE RATE SHALL BE 4</u></p> <p><u>CFM PER 100 FT² OF CONDITIONED FLOOR AREA.</u></p> <p><u>FOR DUCT SYSTEMS SERVING ≤ 1,000 FT² OF</u></p> <p><u>CONDITIONED FLOOR AREA, THE DUCT LEAKAGE TO</u></p> <p><u>OUTSIDE RATE SHALL BE 40 CFM.</u></p>	<p><u>TO OUTSIDE IS</u></p> <p><u>TESTED IN</u></p> <p><u>ACCORDANCE</u></p> <p><u>ANSI/RESNET/I</u></p> <p><u>CC 380 OR ASTM</u></p> <p><u>E1554, THE</u></p> <p><u>MEASURED VALUE</u></p> <p><u>SHALL BE</u></p> <p><u>PERMITTED TO BE</u></p> <p><u>ENTERED.</u></p> <p><u>WHERE TOTAL</u></p> <p><u>DUCT SYSTEM</u></p> <p><u>LEAKAGE IS</u></p> <p><u>MEASURED</u></p> <p><u>WITHOUT SPACE</u></p> <p><u>CONDITIONING</u></p> <p><u>²</u></p> <p><u>EQUIPMENT</u></p> <p><u>²</u></p> <p><u>INSTALLED, THE</u></p> <p><u>SIMULATION</u></p> <p><u>VALUE SHALL BE 4</u></p> <p><u>CFM PER 100 FT²</u></p> <p><u>OF CONDITIONED</u></p> <p><u>FLOOR AREA.</u></p>
	<p><u>DISTRIBUTION SYSTEM EFFICIENCY (DSE): FOR</u></p> <p><u>HYDRONIC SYSTEMS AND DUCTLESS SYSTEMS, A</u></p> <p><u>THERMAL DSE OF 0.88 SHALL BE APPLIED TO BOTH THE</u></p> <p><u>HEATING AND COOLING SYSTEM EFFICIENCIES.</u></p>	<p><u>DISTRIBUTION</u></p> <p><u>SYSTEM EFFICIENCY</u></p> <p><u>(DSE): FOR</u></p> <p><u>HYDRONIC SYSTEMS</u></p> <p><u>AND DUCTLESS</u></p> <p><u>SYSTEMS, DSE SHALL</u></p>

		<u>BE AS SPECIFIED IN TABLE R405.4.2(2).</u>
<u>THERMOSTAT</u>	<u>TYPE: MANUAL, COOLING TEMPERATURE SETPOINT = 75°F; HEATING TEMPERATURE SETPOINT = 72°F.</u>	<u>SAME AS STANDARD REFERENCE DESIGN.</u>
<u>DEHUMIDISTAT</u>	<u>WHERE A MECHANICAL VENTILATION SYSTEM WITH LATENT HEAT RECOVERY IS NOT SPECIFIED IN THE PROPOSED DESIGN: NONE. WHERE THE PROPOSED DESIGN UTILIZES A MECHANICAL VENTILATION SYSTEM WITH LATENT HEAT RECOVERY: DEHUMIDISTAT TYPE: MANUAL, SETPOINT = 60% RELATIVE HUMIDITY. DEHUMIDIFIER: WHOLE-DWELLING WITH INTEGRATED ENERGY FACTOR = 1.77 LITERS/KWH.</u>	<u>SAME AS STANDARD REFERENCE DESIGN.</u>

1

2 DELETE FOOTNOTE D. TO TABLE R405.4.2(1) AND REPLACE WITH THE FOLLOWING.

3 D. FOR A PROPOSED DESIGN WITH MULTIPLE HEATING, COOLING OR WATER HEATING SYSTEMS

4 USING DIFFERENT PRODUCT CLASSES, THE APPLICABLE STANDARD REFERENCE DESIGN SYSTEM

5 CAPACITIES AND PRODUCT CLASSES SHALL BE WEIGHTED IN ACCORDANCE WITH THEIR RESPECTIVE

6 LOADS AS CALCULATED BY ACCEPTED ENGINEERING PRACTICE FOR EACH PRODUCT CLASS

7 PRESENT.

8 Delete footnote g. to Table R405.4.2(1) and replace with the following.

9 G. FOR A PROPOSED DESIGN WITHOUT A PROPOSED WATER HEATER, THE FOLLOWING ASSUMPTIONS

10 SHALL BE MADE FOR THE PROPOSED DESIGN AND THE STANDARD REFERENCE DESIGN.

11 FUEL TYPE: FOR THE STANDARD REFERENCE DESIGN, NATURAL GAS. FOR THE PROPOSED DESIGN,

12 THE SAME AS THE PREDOMINANT HEATING FUEL TYPE IN THE PROPOSED DESIGN.

13 RATED STORAGE VOLUME: 40 GALLONS

14 DRAW PATTERN: MEDIUM

EFFICIENCY: UNIFORM ENERGY FACTOR COMPLYING WITH AND NOT EXCEEDING THE MINIMUM
EFFICIENCY REQUIREMENTS OF 10 CFR § 430.32

DELETE FOOTNOTES J. AND K. TO TABLE R405.4.2(1) WITHOUT SUBSTITUTION.

DELETE FOOTNOTES L. AND M. TO TABLE R405.4.2(1) AND REPLACE WITH THE FOLLOWING.

J. ONLY SECTIONS OF DUCTWORK THAT ARE INSTALLED IN ACCORDANCE WITH SECTION R403.3.4,
ITEMS 1 AND 2 ARE ASSUMED TO BE LOCATED COMPLETELY INSIDE CONDITIONED SPACE. ALL
OTHER SECTIONS OF DUCTWORK ARE NOT ASSUMED TO BE LOCATED COMPLETELY INSIDE
CONDITIONED SPACE.

K. SECTIONS OF DUCTWORK INSTALLED IN ACCORDANCE WITH SECTION R403.3.5.1 ARE ASSUMED
TO HAVE AN EFFECTIVE DUCT INSULATION R-VALUE OF R-25.

DELETE THE PARAGRAPH MARKED SECTION R406.3 AND REPLACE WITH THE FOLLOWING.

SECTION R406.3 BUILDING THERMAL ENVELOPE. THE PROPOSED TOTAL BUILDING THERMAL
ENVELOPE THERMAL CONDUCTANCE (TC) SHALL BE LESS THAN OR EQUAL TO THE REQUIRED TOTAL
BUILDING THERMAL ENVELOPE TC USING THE PRESCRIPTIVE U-FACTORS AND F-FACTORS FROM
TABLE R402.1.2 MULTIPLIED BY 1.05 IN ACCORDANCE WITH EQUATION 4-2 AND SECTION
R402.1.5.

DELETE THE PARAGRAPH MARKED SECTION R406.5 AND REPLACE WITH THE FOLLOWING.

SECTION R406.5 ERI-BASED COMPLIANCE. COMPLIANCE BASED ON AN *ENERGY RATING INDEX*
(ERI) ANALYSIS REQUIRES THAT THE *RATED DESIGN* AND EACH CONFIRMED AS-BUILT *DWELLING*
UNIT BE SHOWN TO HAVE AN *ERI* LESS THAN OR EQUAL TO THE APPLICABLE VALUE INDICATED IN
TABLE R406.5 WHERE COMPARED TO THE *ERI REFERENCE DESIGN* AS FOLLOWS:

1. WHERE THE BUILDING USES *PURCHASED ENERGY* THAT IS NOT ELECTRICITY FOR *SPACE*
***CONDITIONING* OR *SERVICE WATER HEATING* AND ON-SITE RENEWABLES ARE NOT INSTALLED, THE**
VALUES UNDER ENERGY RATING INDEX NOT INCLUDING OPP, MIXED-FUEL
BUILDING APPLY.

2. WHERE THE BUILDING DOES NOT USE *PURCHASED ENERGY* THAT IS NOT ELECTRICITY FOR *SPACE*
***CONDITIONING* OR *SERVICE WATER HEATING* AND ON-SITE RENEWABLES ARE NOT INSTALLED, THE**

VALUES under ENERGY RATING INDEX NOT INCLUDING OPP, ELECTRIC HEAT BUILDING APPLY.

3. WHERE THE BUILDING USES PURCHASED ENERGY THAT IS NOT ELECTRICITY FOR SPACE CONDITIONING OR SERVICE WATER HEATING AND ON-SITE RENEWABLES ARE INSTALLED, THE VALUES UNDER ENERGY RATING INDEX WITH OPP, MIXED-FUEL BUILDING APPLY.

4. WHERE THE BUILDING DOES NOT USE PURCHASED ENERGY THAT IS NOT ELECTRICITY FOR SPACE CONDITIONING OR SERVICE WATER HEATING AND ON-SITE RENEWABLES ARE INSTALLED, THE VALUES UNDER ENERGY RATING INDEX WITH OPP, ELECTRIC HEAT BUILDING APPLY.

DELETE TABLE R406.5 AND REPLACE WITH THE FOLLOWING.

TABLE R406.5

MAXIMUM ENERGY RATING INDEX

<u>"CLIMATE ZONE</u>	<u>ENERGY RATING INDEX NOT INCLUDING OPP</u>		<u>ENERGY RATING INDEX WITH OPP</u>	
	<u>MIXED-FUEL BUILDING</u>	<u>ELECTRIC HEAT BUILDING</u>	<u>MIXED-FUEL BUILDING</u>	<u>ELECTRIC HEAT BUILDING</u>
<u>4</u>	<u>33</u>	<u>48</u>	<u>17</u>	<u>32."</u>

On page 58 in line 28, Insert the following:

"SECTION 3.108 SEVERABILITY.

IF ANY PROVISION OF THIS SUBTITLE OR THE APPLICATION THEREOF TO ANY PERSON OR CIRCUMSTANCES IS HELD INVALID FOR ANY REASON IN A COURT OF COMPETENT JURISDICTION, THE INVALIDITY DOES NOT AFFECT OTHER PROVISIONS OR ANY OTHER APPLICATION OF THIS SUBTITLE WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID PROVISION OR APPLICATION, AND FOR THIS PURPOSE THE PROVISIONS OF THIS ACT ARE SEVERABLE."

Amendment 8 to Council Bill No. 24-2025

BY: Liz Walsh

Legislative Day 10

Date: July 7, 2025

Amendment No. 8

(This Amendment increases efficiency standards for HVAC systems for renovations and additions)

On page 56, in line 26 insert the following:

“(11) SECTION R503.1.2.3 DUCT SYSTEM LEAKAGE.

DELETE SECTION R503.1.2.3 “DUCT SYSTEM LEAKAGE,” AND REPLACE WITH THE FOLLOWING:

R503.1.2.3 DUCT SYSTEM LEAKAGE. WHERE AN ALTERATION INCLUDES ANY OF THE FOLLOWING,

DUCT SYSTEMS SHALL BE TESTED IN ACCORDANCE WITH SECTION R403.3.7 AND SHALL HAVE A

TOTAL LEAKAGE LESS THAN OR EQUAL TO 12.0 CUBIC FEET PER MINUTE (339.9 L/MIN) PER 100

SQUARE FEET (9.29 M²) OF CONDITIONED FLOOR AREA:

1. TWENTY-FIVE PERCENT OR MORE OF THE REGISTERS THAT ARE PART OF THE DUCT SYSTEM ARE RELOCATED.

2. TWENTY-FIVE PERCENT OR MORE OF THE TOTAL LENGTH OF ALL DUCTWORK IN THE DUCT SYSTEM IS RELOCATED.

3. THE TOTAL LENGTH OF ALL DUCTWORK IN THE DUCT SYSTEM IS INCREASED BY 25 PERCENT OR MORE.

4. COOLING SYSTEM ALTERATIONS COMPLYING WITH SECTION R503.1.2.5.2.1.

EXCEPTION:

1. IF TOTAL LEAKAGE EXCEEDS 12.0 CUBIC FEET PER MINUTE (339.9 L/MIN) AND IT IS NOT POSSIBLE TO REDUCE LEAKAGE THROUGHOUT THE DUCT SYSTEM, ALL ACCESSIBLE LEAKS SHALL BE SEALED AND VERIFIED THROUGH A VISUAL INSPECTION AND A SMOKE TEST BY AN APPROVED PARTY.

I certify that this is a true copy of

Am 8 CB 24-2025

passed on July 7, 2025

Michelle Hessel

Council Administrator

2. DUCT SYSTEMS LOCATED ENTIRELY INSIDE A CONDITIONED SPACE IN ACCORDANCE WITH SECTION R403.3.4.

(15) SECTION R503.1.2.5

IMMEDIATELY AFTER SECTION R503.1.2.4, INSERT THE FOLLOWING:

R503.1.2.5 COOLING SYSTEMS. WHEN AN ALTERATION OF AN EXISTING SPACE CONDITIONING SYSTEM INCLUDES THE INSTALLATION OR REPLACEMENT OF AN AIR-CONDITIONER, THE ALTERED SYSTEM SHALL COMPLY WITH EITHER SECTION R503.1.2.5.1 OR SECTION R503.1.2.5.2.

R503.1.2.5.1 HEAT PUMP. A HEAT PUMP SHALL BE CONFIGURED TO BE THE PRIMARY HEATING SOURCE AND SIZED ACCORDING TO SECTION R403.7. SUPPLEMENTAL HEATING MAY BE PROVIDED BY A GAS FURNACE OR ELECTRIC RESISTANCE HEATING.

EXCEPTION: WHERE THE REQUIRED CAPACITY OF A HEAT PUMP TO MEET THE SYSTEM SIZING REQUIRED BY R403.7 IS AT LEAST 12,000 BTU/H MORE THAN EITHER:

A. THE REQUIRED CAPACITY OF AN AIR CONDITIONER TO MEET THE DESIGN COOLING LOAD, OR

B. THE CAPACITY OF THE EXISTING AIR CONDITIONER,

THEN THE HEAT PUMP SHOULD BE SIZED TO MEET THE GREATER OF THESE TWO CAPACITIES. DOCUMENTATION OF THE EXISTING AIR CONDITIONER'S CAPACITY AND THE HEATING AND COOLING LOAD CALCULATIONS PER R403.7 SHALL BE APPROVED BY THE CODE OFFICIAL IN ORDER FOR THIS EXCEPTION TO APPLY.

R503.1.2.5.2 AIR CONDITIONER. AN AIR CONDITIONER SHALL MEET ALL THE REQUIREMENTS OF EITHER SECTION R503.1.2.5.2.1 OR SECTION R503.1.2.5.2.2

R503.1.2.5.2.1 SYSTEMS WITH EXISTING DUCT DISTRIBUTION SYSTEMS. SYSTEMS WITH EXISTING DUCT DISTRIBUTION SYSTEMS SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF THIS SECTION. MULTISPEED COMPRESSOR SYSTEMS OR VARIABLE SPEED COMPRESSOR SYSTEMS SHALL VERIFY AIR FLOW (CFM/TON) AND FAN EFFICACY (WATT/CFM) FOR SYSTEM OPERATION AT THE MAXIMUM COMPRESSOR SPEED AND THE MAXIMUM AIR HANDLER FAN SPEED.

- 1 a. THE DUCT SYSTEM MEASURED AIR LEAKAGE SHALL MEET THE REQUIREMENTS OF
2 SECTION R503.1.2.3.
- 3 b. AIRFLOW SHALL BE GREATER THAN OR EQUAL TO 300 CFM PER TON OF NOMINAL
4 COOLING CAPACITY THROUGH THE RETURN GRILLES IN EVERY CONTROL MODE.
- 5 c. AIR-HANDLING UNIT FAN EFFICACY SHALL BE LESS THAN OR EQUAL TO 2.2 CFM/W.
- 6 d. THE AIRFLOW RATE AND FAN EFFICACY REQUIREMENTS IN THIS SECTION SHALL BE
7 CONFIRMED THROUGH FIELD VERIFICATION AND DIAGNOSTIC TESTING IN
8 ACCORDANCE WITH SECTION R403.6.3.

9 **EXCEPTIONS:**

- 10 1. SYSTEMS UNABLE TO COMPLY WITH THE MINIMUM AIRFLOW RATE OR AIR-
11 HANDLING UNIT FAN EFFICACY REQUIREMENTS SHALL DEMONSTRATE
12 COMPLIANCE BY INSTALLING A SYSTEM THERMOSTAT THAT COMPLIES WITH
13 SECTION R408.2.8.
- 14 2. GAS FURNACE AIR-HANDLING UNITS MANUFACTURED PRIOR TO JULY 3,
15 2019 SHALL COMPLY WITH A FAN EFFICACY VALUE LESS THAN OR EQUAL TO
16 0.58 W/CFM AS CONFIRMED BY FIELD VERIFICATION AND DIAGNOSTIC
17 TESTING IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN R403.6.3.
- 18 e. INSULATION SHALL BE INSTALLED ON THE CEILING PLANE LOCATED BETWEEN
19 CONDITIONED SPACE AND ATTIC SPACE OUTSIDE THE THERMAL ENVELOPE IN
20 ACCORDANCE WITH SECTION R402. LUMINAIRES NOT RATED FOR INSULATION
21 CONTACT MUST BE REPLACED OR RETROFITTED AS SPECIFIED BY SECTION R402.5.4.
- 22

23 **EXCEPTIONS:**

- 24 1. DWELLING UNITS WITH AT LEAST R-38 EXISTING INSULATION INSTALLED AT
25 THE CEILING LEVEL.

2. DWELLING UNITS WHERE THE ALTERATION WOULD DIRECTLY CAUSE THE DISTURBANCE OF ASBESTOS UNLESS THE ALTERATION IS MADE IN CONJUNCTION WITH ASBESTOS ABATEMENT.

3. DWELLING UNITS WITH KNOB AND TUBE WIRING LOCATED IN THE ATTIC.

4. WHERE THE ACCESSIBLE SPACE IN THE ATTIC IS NOT LARGE ENOUGH TO ACCOMMODATE THE REQUIRED R-VALUE, THE ENTIRE ACCESSIBLE SPACE SHALL BE FILLED WITH INSULATION PROVIDED SUCH INSTALLATION DOES NOT VIOLATE SECTION 806.3 OF THE *INTERNATIONAL RESIDENTIAL CODE*.

f. AIR SEAL ALL ACCESSIBLE AREAS OF THE CEILING PLANE BETWEEN CONDITIONED SPACE AND ATTIC SPACE OUTSIDE THE THERMAL ENVELOPE INCLUDING ALL JOINTS, PENETRATIONS AND OTHER OPENINGS THAT ARE POTENTIAL SOURCES OF AIR LEAKAGE BY CAULKING, GASKETING, WEATHER-STRIPPING OR OTHERWISE SEALING TO LIMIT INFILTRATION AND EXFILTRATION.

EXCEPTIONS:

1. DWELLING UNITS WITH AT LEAST R-38 EXISTING INSULATION INSTALLED AT THE CEILING LEVEL.

2. DWELLING UNITS WHERE THE ALTERATION WOULD DIRECTLY CAUSE THE DISTURBANCE OF ASBESTOS UNLESS THE ALTERATION IS MADE IN CONJUNCTION WITH ASBESTOS ABATEMENT.

3. DWELLING UNITS WITH ATMOSPHERICALLY VENTED SPACE HEATING OR WATER HEATING COMBUSTION APPLIANCES LOCATED INSIDE THE PRESSURE BOUNDARY OF THE DWELLING UNIT.

R503.1.2.5.2.2 ENTIRELY NEW OR COMPLETE REPLACEMENT DUCT SYSTEMS: SYSTEMS WITH NEW OR COMPLETE REPLACEMENT OF DUCT SYSTEMS SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF THIS SECTION.

a. IF THE AIR HANDLER AND DUCTS ARE LOCATED WITHIN AN ATTIC THAT IS OUTSIDE THE THERMAL ENVELOPE, INSULATION SHALL BE INSTALLED ON THE CEILING PLANE LOCATED BETWEEN CONDITIONED SPACE AND ATTIC SPACE OUTSIDE THE THERMAL

1 ENVELOPE IN ACCORDANCE WITH SECTION R402. LUMINAIRES NOT RATED FOR
2 INSULATION CONTACT MUST BE REPLACED OR RETROFITTED AS SPECIFIED BY
3 SECTION R402.5.4.

4 **EXCEPTIONS:**

- 5 1. DWELLING UNITS WITH AT LEAST R-19 EXISTING INSULATION INSTALLED AT
6 THE CEILING LEVEL.
- 7 2. DWELLING UNITS WHERE THE ALTERATION WOULD DIRECTLY CAUSE THE
8 DISTURBANCE OF ASBESTOS UNLESS THE ALTERATION IS MADE IN
9 CONJUNCTION WITH ASBESTOS ABATEMENT.
- 10 3. DWELLING UNITS WITH KNOB AND TUBE WIRING LOCATED IN THE VENTED
11 ATTIC.
- 12 4. WHERE THE ACCESSIBLE SPACE IN THE ATTIC IS NOT LARGE ENOUGH TO
13 ACCOMMODATE THE REQUIRED R-VALUE, THE ENTIRE ACCESSIBLE SPACE
14 SHALL BE FILLED WITH INSULATION PROVIDED SUCH INSTALLATION DOES
15 NOT VIOLATE SECTION 806.3 OF THE *INTERNATIONAL RESIDENTIAL CODE*.
- 16 b. AIR SEAL ALL ACCESSIBLE AREAS OF THE CEILING PLANE BETWEEN CONDITIONED
17 SPACE AND ATTIC SPACE OUTSIDE THE THERMAL ENVELOPE INCLUDING ALL JOINTS,
18 PENETRATIONS AND OTHER OPENINGS THAT ARE POTENTIAL SOURCES OF AIR
19 LEAKAGE BY CAULKING, GASKETING, WEATHER-STRIPPING OR OTHERWISE SEALING
20 TO LIMIT INFILTRATION AND EXFILTRATION.

21 **EXCEPTIONS:**

- 22 1. DWELLING UNITS WITH AT LEAST R-19 EXISTING INSULATION INSTALLED AT
23 THE CEILING LEVEL.
- 24 2. DWELLING UNITS WHERE THE ALTERATION WOULD DIRECTLY CAUSE THE
25 DISTURBANCE OF ASBESTOS UNLESS THE ALTERATION IS MADE IN
26 CONJUNCTION WITH ASBESTOS ABATEMENT.

1 3. DWELLING UNITS WITH ATMOSPHERICALLY VENTED SPACE HEATING OR
2 WATER HEATING COMBUSTION APPLIANCES LOCATED INSIDE THE PRESSURE
3 BOUNDARY OF THE DWELLING UNIT.”.

4 On page 58 in line 28, Insert the following:

5 **“SECTION 3.108 SEVERABILITY.**

6 IF ANY PROVISION OF THIS SUBTITLE OR THE APPLICATION THEREOF TO ANY PERSON OR
7 CIRCUMSTANCES IS HELD INVALID FOR ANY REASON IN A COURT OF COMPETENT JURISDICTION, THE
8 INVALIDITY DOES NOT AFFECT OTHER PROVISIONS OR ANY OTHER APPLICATION OF THIS SUBTITLE
9 WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID PROVISION OR APPLICATION, AND FOR THIS
10 PURPOSE THE PROVISIONS OF THIS ACT ARE SEVERABLE.”.



HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS

3430 Courthouse Drive

■ Ellicott City, Maryland 21043

■ 410-313-2433

Robert J. Frances, P.E., Director
bfrances@howardcountymd.gov

FAX 410-313-3298
TDD 410-313-2323

Date: March 27, 2025

To: Brandee Ganz, Chief Administrative Officer
Department of County Administration

From: Robert Frances, P.E., Director 
Department of Inspections, Licenses, & Permits

Subject: Testimony Regarding Adoption of 2024 Building Codes, 2024 International Plumbing Code, 2024 Swimming Pool and Spa Code and 2024 Property Maintenance Code for Rental Housing

The Department of Inspections, Licenses, & Permits has proposed legislation to adopt the 2024 version of the Howard County Building Code. The intent of this legislation is to update the model codes used as the basis of the Howard County Building Code, to the most recent editions. This will keep Howard County up to date with the latest codes and standards that are being used in the construction industry. All the codes that are proposed can be viewed online with links provided on the Howard County website.

This adoption will include the 2024 Editions of the following model codes; International Building Code, International Residential Code, International Plumbing Code, International Energy Conservation Code, International Mechanical Code, International Swimming Pool and Spa Code, and the International Property Maintenance Code scoped to apply to rental properties and older buildings that may have structural concerns. The amendments as proposed enable us to stay current with the most up to date construction codes and allow us to maintain our current construction practices.

The most significant amendments and changes to the current code are:

- 1) Adoption of the 2024 International Energy Conservation Code will result in 7.80% energy savings, over the 2021 version, as determined by the Department of Energy.
- 2) The County has been mandated by State law to adopt the current version of the International Swimming Pool and Spa Code for all commercial and residential pool installations.
- 3) Language was added to clarify exemptions for permits to exclude any structure located within the floodplain. There will not be any exemptions as this is a requirement from FEMA.
- 4) To update codes that deal with the new federal mandate for flammable A2L refrigerants.

Fiscal Impact

The adoption of these updates to the 2024 International Codes will not have any fiscal impact on the County. There will not be a need for additional staff to enforce these requirements at this time. All training will be handled within the Department's normal training and certification methods.

If you have any questions, please feel free to contact me on extension x3946.

CC: Don Mock, P.E., Chief of Plan Review
Jennifer Sager, County Administration

Introduced 04.07.2025
Public Hearing 04.21.2025
Council Action _____
Executive Action _____
Effective Date _____

County Council of Howard County, Maryland

2025 Legislative Session

Legislative Day No. 5

Bill No. 24 -2025

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

Short Title: Adopting – Howard County Building Code

Title: AN ACT adopting the International Building Code, 2024, the International Residential Code, 2024, the International Mechanical Code, 2024, the International Energy Conservation Code, 2024, and the International Swimming Pool and Spa Code, 2024 Edition; providing that such codes collectively comprise the Howard County Building Code; regulating the design, construction, alteration, improvement, or modification of a building, structure, or other related equipment; adopting certain local amendments to the Building Code; adopting penalties for the violation of the Building Code; making certain technical corrections; and generally relating to the regulation of building and construction in Howard County.

Introduced and read first time April 7, 2025. Ordered posted and hearing scheduled.
By order Michelle Harrod
Michelle Harrod, 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 April 21, 2025.

By order _____
Michelle Harrod, Administrator

This Bill was read the third time on _____, 2025 and Passed _____, Passed with amendments _____, Failed _____.

By order _____
Michelle Harrod, Administrator

Sealed with the County Seal and presented to the County Executive for approval this _____ day of _____, 2025 at _____ a.m./p.m.

By order _____
Michelle Harrod, Administrator

Approved/Vetoed by the County Executive _____, 2025

Calvin Ball, 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.

Extend l.f.c to July 21, 2025 - May 5, 2025 MPK

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

3 *By repealing and reenacting:*

4 *Title 3. Buildings.*

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

7 *Title 3. Buildings.*

8 *Section 3.101. Amendments to the International Building Code, 2024 Edition.*

10 *Title 3. Buildings.*

11 *Section 3.102. Amendments to the International Residential Code, 2024 Edition.*

13 *Title 3. Buildings.*

14 *Section 3.103. Amendments to the International Mechanical Code, 2024 Edition.*

16 *Title 3. Buildings.*

17 *Section 3.104. Amendments to the International Energy Conservation Code, 2024*
18 *Edition.*

20 *By adding:*

21 *Title 3. Buildings*

22 *Section 3.107 "Amendments to the International Swimming Pool and Spa Code,*
23 *2024 Edition.*

25 **Title 3. Buildings.**

26 **Subtitle 1. Building code.**

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

30 (A) *IN GENERAL.* EXCEPT AS AMENDED IN SECTIONS 3.101, 3.102, 3.103, 3.104 AND
31 3.107 OF THIS SUBTITLE, THE CODES ENUMERATED IN THIS SECTION ARE HEREBY

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

3 (B) *ADOPTED CODES.*

- 4 (1) THE INTERNATIONAL BUILDING CODE, 2024 EDITION, PUBLISHED BY THE
5 INTERNATIONAL CODE COUNCIL, INC.
- 6 (2) THE INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY
7 DWELLINGS, 2024 EDITION, PUBLISHED BY THE INTERNATIONAL CODE
8 COUNCIL, INC.
- 9 (3) THE INTERNATIONAL MECHANICAL CODE, 2024 EDITION, PUBLISHED BY
10 THE INTERNATIONAL CODE COUNCIL, INC.
- 11 (4) THE INTERNATIONAL ENERGY CONSERVATION CODE, 2024 EDITION,
12 PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, INC.
- 13 (5) THE LIFE SAFETY CODE, 2024 EDITION, PUBLISHED BY THE NATIONAL FIRE
14 PROTECTION ASSOCIATION.
- 15 (6) THE HOWARD COUNTY ELECTRICAL CODE, ADOPTED PURSUANT TO TITLE
16 3, SUBTITLE 2 OF THE HOWARD COUNTY CODE.
- 17 (7) THE PLUMBING AND GASFITTING CODE FOR HOWARD COUNTY ADOPTED
18 PURSUANT TO TITLE 3, SUBTITLE 3 OF THE HOWARD COUNTY CODE.
- 19 (8) THE MARYLAND STATE ACCESSIBILITY CODE.
- 20 (9) THE HOWARD COUNTY SIGN CODE, ADOPTED PURSUANT TO TITLE 3,
21 SUBTITLE 5 OF THE HOWARD COUNTY CODE.
- 22 (10) INTERNATIONAL SWIMMING POOL AND SPA CODE (ISPSC), 2024 EDITION
23

24 **SECTION 3.101. AMENDMENTS TO THE INTERNATIONAL BUILDING CODE, 2024**
25 **EDITION.**

26 (A) *IN GENERAL.*

- 27 (1) AS USED IN THIS SECTION, THE TERM "THIS CODE" MEANS THE
28 INTERNATIONAL BUILDING CODE, 2024 EDITION.
- 29 (2) AS USED IN THIS CODE, THE TERM "BUILDING OFFICIAL" MEANS THE
30 DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
31 OR THE DIRECTOR'S AUTHORIZED DESIGNEE.

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

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

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

(1) *SUBSECTION 101.1 TITLE.*

DELETE THIS SUBSECTION.

(2) *SUBSECTION 101.2 SCOPE.*

DELETE THE EXCEPTION AND SUBSTITUTE THE FOLLOWING:

EXCEPTION 1: DETACHED ONE-FAMILY AND TWO-FAMILY DWELLINGS AND MULTIPLE SINGLE-FAMILY DWELLINGS (TOWNHOUSES) NOT MORE THAN THREE STORIES HIGH WITH SEPARATE MEANS OF EGRESS AND THEIR ACCESSORY STRUCTURES SHALL COMPLY WITH THE INTERNATIONAL RESIDENTIAL CODE AND SECTION 3115 OF CHAPTER 31, SPECIAL CONSTRUCTION, OF THIS CODE.

EXCEPTION 2: AGRICULTURAL BUILDINGS. THE PROVISIONS OF THIS CODE SHALL NOT APPLY TO THE CONSTRUCTION, ALTERATION, ADDITION, REPAIR, REMOVAL, DEMOLITION, USE, LOCATION OR MAINTENANCE OF AGRICULTURE BUILDINGS. THIS PROVISION DOES NOT EXEMPT THE OWNER OF AN AGRICULTURAL BUILDING FROM OBTAINING REQUIRED ELECTRICAL OR PLUMBING PERMITS OR FROM COMPLYING WITH ALL OTHER APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS, LAWS AND ORDINANCES.

(3) *SUBSECTION 101.3.1 NATURE OF CERTAIN ACTIONS.*

ADD NEW SUBSECTION 101.3.1 AFTER SUBSECTION 101.3 AS FOLLOWS:

101.3.1. NATURE OF CERTAIN ACTIONS. THE PURPOSE OF ACTIONS TAKEN BY THE JURISDICTION PURSUANT TO THIS CODE IS PURELY GOVERNMENTAL IN NATURE AND ARE CONDUCTED SOLELY FOR THE PUBLIC BENEFIT. ACTIONS TAKEN PURSUANT TO THIS CODE ARE NOT TO BE CONSTRUED AS PROVIDING ANY WARRANTY OF DESIGN OR CONSTRUCTION TO ANY PERSON.

(4) *SUBSECTION 101.4 REFERENCED CODES.*

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

2 (5) *SUBSECTION 101.4.1 GAS.*

3 DELETE SUBSECTION 101.4.1 AND SUBSTITUTE THE FOLLOWING:

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

7 (6) *SUBSECTION 101.4.2 MECHANICAL.*

8 DELETE SUBSECTION 101.4.2 AND SUBSTITUTE THE FOLLOWING:

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

13 (7) *SUBSECTION 101.4.3 PLUMBING.*

14 DELETE SUBSECTION 101.4.3 AND SUBSTITUTE THE FOLLOWING:

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

22 (8) *SUBSECTION 101.4.4 PROPERTY MAINTENANCE.*

23 DELETE SUBSECTION 101.4.4 AND SUBSTITUTE THE FOLLOWING:

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

28 (9) *SUBSECTION 101.4.5 FIRE PREVENTION.*

29 DELETE SUBSECTION 101.4.5 AND SUBSTITUTE THE FOLLOWING:

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

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

3 (10) *SUBSECTION 101.4.6 ENERGY.*

4 DELETE SUBSECTION 101.4.6 AND SUBSTITUTE THE FOLLOWING:

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

9 (11) *SUBSECTION 101.4.7 EXISTING BUILDINGS.*

10 DELETE SUBSECTION 101.4.7 AND SUBSTITUTE THE FOLLOWING:

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

14 (12) *SUBSECTIONS 101.4.8 ELECTRICAL.*

15 ADD NEW SUBSECTION 101.4.8 AFTER SUBSECTION 101.4.7 AS FOLLOWS:

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

19 (13) *SUBSECTION 101.4.9 ACCESSIBILITY.*

20 ADD NEW SUBSECTION 101.4.9 AFTER SUBSECTION 101.4.8 AS FOLLOWS:

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

24 (14) *SUBSECTION 101.4.10 SIGNS.*

25 ADD NEW SUBSECTION 101.4.10 AFTER SUBSECTION 101.4.9 AS FOLLOWS:

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

29 (15) *SUBSECTION 101.4.11 RESIDENTIAL CODE.*

30 ADD NEW SUBSECTION 101.4.11 AFTER SUBSECTION 101.4.10 AS FOLLOWS:

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

5 (16) *SECTION 103 CODE COMPLIANCE AGENCY.*

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

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

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

11 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

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

17 (18) *SUBSECTION 103.2 APPOINTMENT.*

18 DELETE THIS SUBSECTION.

19 (19) *SUBSECTION 103.3 DEPUTIES.*

20 DELETE THIS SUBSECTION.

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

22 ADD NEW SUBSECTION 104.1.1 AFTER SUBSECTION 104.1 AS FOLLOWS:

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

30 (21) *SUBSECTION 104.2.4.1 FLOOD HAZARD AREAS.*

31 DELETE THIS SUBSECTION.

1 (22) *SUBSECTION 104.8.1 LEGAL DEFENSE.*

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

6 (22) *SUBSECTION 105.1.1 ANNUAL PERMIT.*

7 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

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

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

16 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

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

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

24 ADD NEW SUBSECTION 105.1.2.1 AFTER SUBSECTION 105.1.2 AS FOLLOWS:

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

- 29 (i) A STATEMENT OF THE POLICIES AND PROCEDURES THAT WILL BE
30 USED TO MONITOR AND CONTROL THE ALTERATION AND

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

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

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

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

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

13 (26) *SUBSECTION 105.2 WORK EXEMPT FROM PERMIT.*

14 IN THE SECOND SENTENCE AFTER "FOLLOWING", INSERT "HOWEVER,
15 EXEMPTIONS DO NOT APPLY TO STRUCTURES LOCATED IN THE FLOODPLAIN"
16 AND IN THE SUBSECTION TITLED "BUILDING":

17 (I) IN ITEM 1, DELETE "120 SQUARE FEET (11 M²)" AND SUBSTITUTE
18 "200 SQUARE FEET WITH A ROOF EAVE HEIGHT OF NOT MORE THAN
19 10 FT";

20 (II) IN ITEM 4, DELETE "4 FEET (1219 MM)" AND SUBSTITUTE "3 FEET"
21 AND DELETE "BOTTOM OF THE FOOTING" AND SUBSTITUTE "LOWEST
22 ADJACENT GRADE";

23 (III) IN ITEM 6, AFTER "ADJACENT GRADE,", DELETE THE REST OF THE
24 SENTENCE

25 (IV) IN ITEM 11, DELETE "ACCESSORY TO DETACHED ONE- AND TWO-
26 FAMILY DWELLINGS";

27 (V) IN ITEM 12, DELETE "IN GROUP R-3 AND U OCCUPANCIES," AND
28 DELETE "54 INCHES (1372 MM)" AND SUBSTITUTE "48 INCHES"; AND

29 (VI) IN ITEM 13, BEFORE "COUNTERS", INSERT AN "AND" AND DELETE
30 THE REMAINDER OF THE SENTENCE AFTER "COUNTERS".

31 (VII) ADD THE FOLLOWING AS ITEM 14 AT THE END OF THIS SUBSECTION:

1 14. THE FOLLOWING WORK ON EXISTING SINGLE-FAMILY
2 DWELLINGS:

3 A. EXTERIOR:

- 4 1. REPLACEMENT OF ROOF COVERINGS WITH NO OTHER
5 STRUCTURAL REPAIRS.
6 EXCEPTION: UP TO 64 SQUARE FOOT OF ROOF
7 SHEATHING;
- 8 2. INSTALLATION OF NON-STRUCTURAL SIDING,
9 INCLUDING, BUT NOT LIMITED TO, ALUMINUM OR
10 VINYL SIDING;
- 11 3. INSTALLATION OF FASCIA, SOFFIT TRIM, GUTTERS, OR
12 DOWNSPOUTS;
- 13 4. REPLACEMENT OF WINDOWS OR DOORS WHEN THERE
14 IS NO CHANGE IN THE ROUGH OPENING SIZE;
- 15 5. INSTALLATION OF CANVAS OR FIXED AWNINGS;
- 16 6. REPLACEMENT OF EXTERIOR LIGHTING FIXTURES; OR
- 17 7. CONSTRUCTION OR INSTALLATION OF DETACHED
18 FREESTANDING DECKS THAT ARE LESS THAN 25
19 SQUARE FEET IN AREA AND LESS THAN 30 INCHES
20 ABOVE GRADE.

21 B. INTERIOR:

- 22 1. INSTALLATION OF RADON SYSTEMS;
- 23 2. PAINTING, WALLPAPERING, OR FLOOR COVERING;
- 24 3. INSTALLATION OF KITCHEN OR BATHROOM
25 CABINETS, COUNTER TOPS, NON-GAS APPLIANCES
- 26 4. REPLACEMENT OF PANELING OR WALLBOARD;
- 27 5. REPLACEMENT OF DOORS WHEN THERE IS NO
28 CHANGE IN THE ROUGH OPENING SIZE;
- 29 6. INSTALLATION OF ADDITIONAL INSULATION;
- 30 7. INSTALLATION OF BURGLAR, FIRE, AND OTHER
31 ALARM SYSTEMS AND SMOKE DETECTORS;

8. REPLACEMENT OF CEILING FANS, LIGHT FIXTURES,
OR RECEPTACLES.

C. THE FOLLOWING ADDITIONAL STRUCTURES:

1. ONE STORY NON-CONDITIONED DETACHED
ACCESSORY STRUCTURES LESS THAN 200 SQUARE
FEET IN AREA INCLUDING, BUT NOT LIMITED TO,
STORAGE SHEDS, KIOSKS, GAZEBOS, ARBORS, OR
PLAYHOUSES;
2. INSTALLATION OF GREENHOUSES FOR PERSONAL USE
ONLY;
3. INSTALLATION OF TENTS OR CANOPIES 120 SQ FT OR
LESS;
4. INSTALLATION OF FENCES UNLESS THE FENCE IS
OVER 7 FEET HIGH OR ENCLOSES A SWIMMING POOL;
OR
5. INSTALLATION OF MAILBOXES.

D. SITE WORK

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

(27) *SUBSECTION 105.3 APPLICATION FOR PERMIT.*

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

TO OBTAIN A PERMIT, THE OWNER, OWNER'S AGENT, LESSEE, LESSEE'S
AGENT, OR THE REGISTERED DESIGN PROFESSIONAL EMPLOYED TO
COMPLETE THE PROPOSED WORK ON A BUILDING OR STRUCTURE SHALL

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

10 (28) *SUBSECTION 105.8. CONTRACTOR LICENSING REQUIREMENTS IN RESIDENTIAL*
11 *ONE AND TWO-FAMILY DWELLINGS:*

12 ADD NEW SUBSECTION 105.8 AFTER SUBSECTION 105.7 AS FOLLOWS:

13 **SECTION 105.8 CONTRACTOR LICENSING REQUIREMENTS IN**
14 **RESIDENTIAL ONE AND TWO-FAMILY DWELLINGS:**

15 HOMEOWNERS OF ONE AND TWO-FAMILY DWELLINGS, AS DEFINED BY THE
16 HOWARD COUNTY BUILDING CODE, MAY ACT AS THEIR OWN GENERAL
17 CONTRACTOR FOR ALTERATIONS AND ADDITIONS IF THEY OWN THE
18 PROPERTY IN QUESTION AND THE PROPERTY IS THEIR PRIMARY RESIDENCE. IF
19 THE PROPERTY IS RENTAL PROPERTY, OR NOT THEIR PRIMARY RESIDENCE,
20 THEN THEY MUST HAVE A MARYLAND HOME IMPROVEMENT CONTRACTORS
21 LICENSE OR A MARYLAND HOME BUILDERS LICENSE IN ACCORDANCE WITH
22 THE STATE OF MARYLAND LICENSING LAWS.

23 (29) *SECTION 106 FLOOR AND ROOF DESIGN LOADS*

24 DELETE THIS SECTION.

25 (30) *SUBSECTION 107.2.1.1. ADDITIONAL INFORMATION REQUIRED.*

26 ADD NEW SUBSECTION 107.2.1.1 AFTER SUBSECTION 107.2.1 AS FOLLOWS:

27 **107.2.1.1 ADDITIONAL INFORMATION REQUIRED.**

28 (I) DOCUMENTS SUBMITTED FOR DETACHED ONE- OR TWO-FAMILY
29 DWELLINGS INCLUDING NEW CONSTRUCTION, ALTERATIONS, MINOR
30 ADDITIONS, OR OTHER STRUCTURES SHALL INCLUDE THE
31 FOLLOWING ADDITIONAL INFORMATION:

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. 4 COPIES OF PLOT PLANS OR 1 COPY 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 IN AREA.

- 19 2. WHERE WAIVED, THE APPLICATION SHALL BE
20 ACCOMPANIED BY 4 COPIES OF PLOT PLANS OR 1
21 COPY 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 CONDITIONING), PLUMBING, AND ELECTRICAL

2 CONSTRUCTION DOCUMENTS. THE DOCUMENTS SHALL:

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

13 B. THE BUILDING OFFICIAL MAY ALLOW MECHANICAL,

14 ELECTRICAL, OR PLUMBING DRAWINGS TO BE SIGNED BY THE

15 LICENSED CONTRACTOR DOING THE PROPOSED WORK. THE

16 CONTRACTOR SHALL PROVIDE THEIR NAME, LICENSE

17 NUMBER, DAYTIME PHONE NUMBER, AND DATE OF

18 SIGNATURE. EACH SET OF PLANS SHALL BE ACCOMPANIED

19 BY A COPY OF THE APPROVED AND SIGNED SITE

20 DEVELOPMENT PLAN WHEN A SITE DEVELOPMENT PLAN IS

21 REQUIRED BY THE HOWARD COUNTY SUBDIVISION

22 REGULATIONS.

23 C. THE BUILDING OFFICIAL MAY WAIVE THE REQUIREMENTS OF

24 PLANS SUBMITTED IF THE WORK IS OF A MINOR INTERIOR OR

25 NONSTRUCTURAL NATURE.

26 (31) *SUBSECTION 107.2.6.2 SUBDIVISION AND LAND DEVELOPMENT REGULATIONS,*

27 *TITLE 16 OF THE HOWARD COUNTY CODE.*

28 ADD NEW SUBSECTION 107.2.6.2 AFTER SUBSECTION 107.2.6.1 AS

29 FOLLOWS:

30 **107.2.6.2 SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, TITLE**

31 **16 OF THE HOWARD COUNTY CODE.** IF A SITE DEVELOPMENT PLAN IS

1 REQUIRED BY THE HOWARD COUNTY SUBDIVISION REGULATIONS, A PERMIT
2 SHALL NOT BE ISSUED UNTIL THE SITE DEVELOPMENT PLAN IS APPROVED
3 UNLESS AUTHORIZED BY THE DIRECTOR OF PLANNING AND ZONING.

4 (32) *SUBSECTION 109.2 SCHEDULE OF PERMIT FEES.*

5 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

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

11 (33) *SUBSECTION 109.2.1 FEE EXEMPTIONS.*

12 ADD NEW SUBSECTION 109.2.1 AFTER SUBSECTION 109.2 AS FOLLOWS:

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

18 (34) *SUBSECTION 109.5.1 REINSPECTION FEES.*

19 ADD NEW SUBSECTION 109.5.1 AFTER SUBSECTION 109.5 AS FOLLOWS:

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

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

C. THE OMISSION OF FIRE STOPPING.

(35) *SUBSECTION 110.3 REQUIRED INSPECTIONS.*

DELETE THE SENTENCE THAT BEGINS "THE *BUILDING OFFICIAL*" AND
SUBSTITUTE: "AFTER ISSUING A BUILDING PERMIT, THE BUILDING OFFICIAL
SHALL CONDUCT INSPECTIONS FROM TIME TO TIME DURING AND UPON
COMPLETION OF THE WORK FOR WHICH THE PERMIT HAS BEEN ISSUED.
RECORDS OF INSPECTIONS AND VIOLATIONS SHALL BE MAINTAINED BY THE
BUILDING OFFICIAL. AN INSPECTION MAY INCLUDE ANY OF THE
INSPECTIONS AS SET FORTH IN SUBSECTIONS 110.3.1 THROUGH 110.3.12 OF
THIS SECTION."

(36) *SUBSECTION 111.1 CHANGE OF OCCUPANCY.*

AFTER THE FIRST SENTENCE, INSERT THE FOLLOWING:

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

(37) *SUBSECTION 111.2 CERTIFICATE ISSUED.*

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

(38) *SECTION 113 MEANS OF APPEALS.*

DELETE THIS SECTION IN ITS ENTIRETY AND SUBSTITUTE THE FOLLOWING:

1 **SECTION 113 MEANS OF APPEAL.**

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

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

16 (39) *SUBSECTION 114.2 NOTICE OF VIOLATION.*

17 AMEND THIS SUBSECTION AS FOLLOWS:

- 18 (I) INSERT "OWNER OR" BEFORE "PERSON RESPONSIBLE FOR"; AND
19 (II) ADD THE FOLLOWING SENTENCE TO THE END OF THIS SUBSECTION:
20 A NOTICE OF VIOLATION MAY BE SERVED IN ONE OF THE FOLLOWING
21 METHODS:
22 A. PERSONAL SERVICE;
23 B. CERTIFIED OR REGISTERED MAIL, RESTRICTED DELIVERY,
24 RETURN RECEIPT REQUESTED;
25 C. FIRST CLASS MAIL TO THE OWNER'S ADDRESS AS STATED IN
26 THE RECORDS OF THE STATE DEPARTMENT OF ASSESSMENTS
27 AND TAXATION; OR
28 D. WHEN SERVICE IS NOT OBTAINED BY ONE OF THESE
29 METHODS, THE NOTICE MAY BE POSTED IN A CONSPICUOUS
30 PLACE AT THE JOB SITE.

31 (40) *SUBSECTION 114.4 VIOLATION PENALTIES.*

1 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

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

11 (41) *SUBSECTION 114.5 WITHHOLDING OF INSPECTIONS AND PERMITS.*

12 ADD NEW SUBSECTION 114.5 AFTER SUBSECTION 114.4 AS FOLLOWS:

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

22 (42) *SUBSECTION 115.2.1 SERVICE OF STOP WORK ORDERS.*

23 ADD NEW SUBSECTION 115.2.1 AFTER SUBSECTION 115.2 AS FOLLOWS:

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

27 (43) *SUBSECTION 115.3 EMERGENCIES.*

28 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

29 **115.3 UNLAWFUL CONTINUANCE.** A PERSON SHALL NOT PERFORM WORK
30 AFTER SERVICE OF A STOP WORK ORDER EXCEPT WORK THAT IS PERFORMED

1 AT THE DIRECTION OF THE BUILDING OFFICIAL TO ABATE A VIOLATION OF
2 THIS CODE OR AN UNSAFE CONDITION.

3 (44) *SUBSECTION 115.4 FAILURE TO COMPLY.*

4 DELETE SUBSECTION 115.4 AND SUBSTITUTE THE FOLLOWING:

5 **115.4 PROSECUTION FOR FAILING TO STOP WORK.** THE BUILDING
6 OFFICIAL MAY REQUEST THAT THE OFFICE OF LAW INSTITUTE THE
7 APPROPRIATE PROCEEDING AT LAW OR IN EQUITY TO PREVENT OR RESTRAIN
8 ANY WORK PERFORMED IN VIOLATION OF THIS SECTION.

9 (45) *SUBSECTION 115.5 VIOLATION PENALTIES.*

10 ADD NEW SUBSECTION 115.5 AFTER SUBSECTION 115.4 AS FOLLOWS:

11 **115.5 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND
12 CONCURRENT WITH THE REMEDIES SET FORTH IN SUBSECTION 115.4, THE
13 BUILDING OFFICIAL MAY ENFORCE THIS SECTION PURSUANT TO TITLE 24,
14 "CIVIL PENALTIES" OF THE HOWARD COUNTY CODE. A VIOLATION OF THIS
15 SECTION IS A CLASS B OFFENSE. EACH DAY THAT A VIOLATION CONTINUES
16 IS A SEPARATE OFFENSE.

17 (46) *SUBSECTION 116.6 DISREGARDING NOTICE.*

18 ADD NEW SUBSECTION 116.6 AFTER SUBSECTION 116.5 AS FOLLOWS:

19 **116.6 DISREGARDING NOTICE.** FAILURE TO COMPLY WITH A NOTICE
20 ISSUED UNDER THIS SECTION IS A VIOLATION OF THIS CODE.

21 (47) *SUBSECTION 116.7 PROSECUTION.*

22 ADD NEW SUBSECTION 116.7 AFTER SUBSECTION 116.6 AS FOLLOWS:

23 **116.7 PROSECUTION.** THE BUILDING OFFICIAL MAY REQUEST THAT THE
24 OFFICE OF LAW INSTITUTE THE APPROPRIATE PROCEEDING AT LAW OR IN
25 EQUITY TO PREVENT OR RESTRAIN ANY WORK PERFORMED IN VIOLATION OF
26 THIS SECTION.

27 (48) *SUBSECTION 116.8 VIOLATION PENALTIES.*

28 ADD NEW SUBSECTION 116.8 AFTER SUBSECTION 116.7 AS FOLLOWS:

29 **116.8 VIOLATION PENALTIES.** ALTERNATIVELY, AND IN ADDITION TO AND
30 CONCURRENT WITH THE REMEDIES SET FORTH IN SUBSECTION 116.6, THE
31 BUILDING OFFICIAL MAY ENFORCE THIS SECTION PURSUANT TO TITLE 24,

1 “CIVIL PENALTIES” OF THE HOWARD COUNTY CODE. A VIOLATION OF THIS
2 SECTION IS A CLASS B OFFENSE. EACH DAY THAT A VIOLATION CONTINUES
3 IS A SEPARATE OFFENSE.

4 (49) *SECTION 117 EMERGENCY MEASURES.*

5 ADD NEW SECTION 117 AFTER SECTION 116 AS FOLLOWS:

6 **SECTION 117 EMERGENCY MEASURES.**

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

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

26 **117.3 CLOSING STREETS AND BUILDINGS.** IF NECESSARY FOR PUBLIC
27 SAFETY, THE BUILDING OFFICIAL MAY TAKE ANY OF THE FOLLOWING
28 ACTIONS:

29 (i) TEMPORARILY CLOSE A BUILDING OR STRUCTURE;

1 (II) CLOSE OR ORDER THE JURISDICTION TO CLOSE A SIDEWALK, STREET,
2 PUBLIC WAY, OR PLACE ADJACENT TO AN UNSAFE BUILDING OR
3 STRUCTURE; OR

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

6 **117.4. DEMOLITION OF STRUCTURES.**

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

11 **117.5 EMERGENCY REPAIRS.** FOR THE PURPOSE OF THIS SECTION, THE
12 BUILDING OFFICIAL MAY EMPLOY THE NECESSARY LABOR AND MATERIALS
13 TO PERFORM THE REQUIRED WORK AS EXPEDITIOUSLY AS POSSIBLE.

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

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

28 **117.7.1 AUTHORITY TO SEAL EQUIPMENT.** IN THE CASE OF AN
29 EMERGENCY, THE BUILDING OFFICIAL MAY IMMEDIATELY SEAL OUT OF
30 SERVICE ANY UNSAFE DEVICE OR EQUIPMENT REGULATED BY THIS CODE.

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

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

8 ADD NEW SECTION 118 AFTER SECTION 117 AS FOLLOWS:

9 **SECTION 118 DEMOLITION OF STRUCTURES.**

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

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

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

30 (51) *SUBSECTION 406.2.7 ELECTRIC VEHICLE CHARGING STATIONS AND SYSTEMS.*
31 DELETE THE LAST SENTENCE.

- 1 (52) *SUBSECTION: 406.2.7.1 NUMBER OF ACCESSIBLE VEHICLE SPACES.*
2 ADD NEW SUBSECTION 406.2.7.1 AFTER SUBSECTION 406.2.7 AS FOLLOWS:
3 AT LEAST ONE OF EACH TYPE OF ELECTRICAL VEHICLE CHARGING SYSTEM
4 SHALL BE ACCESSIBLE.
- 5 (53) *SUBSECTION 406.2.7.2 VEHICLE SPACE SIZE*
6 ADD NEW SUBSECTION 406.2.7.2 AFTER SUBSECTION 406.2.7.1 AS FOLLOWS:
7 THE ACCESSIBLE EV SPACE SHALL COMPLY WITH SECTIONS 502.2 THROUGH
8 502.5 OF THE 2010 AMERICANS WITH DISABILITIES ACT ACCESSIBILITY
9 GUIDELINE (ADAAG) STANDARD. NO SIGNAGE IS REQUIRED IDENTIFYING THE
10 SPACE AS ACCESSIBLE.
- 11 (54) *SUBSECTION 411.1 GENERAL.*
12 DELETE EXCEPTION #2 AND SUBSTITUTE THE FOLLOWING:
13 ALL EXITS AND EXIT ACCESS DOORS FROM EACH PUZZLE ROOM SHALL BE
14 OPEN AND READILY AVAILABLE UPON ACTIVATION BY THE AUTOMATIC FIRE
15 ALARM SYSTEM, AUTOMATIC SPRINKLER SYSTEM, A MANUAL CONTROL AT A
16 CONSTANTLY ATTENDED LOCATION AND SHALL HAVE A READILY ACCESSIBLE
17 CONTROL LOCATED INSIDE EACH PUZZLE ROOM.
- 18 (55) *SUBSECTION 703.5 MARKING AND IDENTIFICATION.*
19 AMEND ITEM 1 AS FOLLOWS:
20 (I) DELETE “WITHIN 15 FEET (4572 MM) OF THE END OF EACH WALL
21 AND”;
22 (II) DELETE “10 FEET (914 MM)” AND SUBSTITUTE “10 FEET (3048
23 MM)”;
24 (III) AFTER “WALL OR PARTITION” INSERT “ON BOTH SIDES”.
- 25 (56) *SUBSECTIONS 903.2.1.1 GROUP A-1; 903.2.1.3 GROUP A-3; AND 903.2.1.4*
26 *GROUP A-4.*
27 DELETE ITEM NUMBER 2 IN EACH SUBSECTION AND SUBSTITUTE THE
28 FOLLOWING IN EACH INSTANCE:
29 2. THE FIRE AREA HAS A CALCULATED OCCUPANT LOAD OF 100 OR MORE.
- 30 (57) *SUBSECTION 903.2.1.6 ASSEMBLY OCCUPANCIES ON ROOFS.*
31 IN THE FIRST SENTENCE DELETE “300” AND SUBSTITUTE “100”.

(58) *903.2.1.7 MULTIPLE FIRE AREAS.*

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

(59) *SUBSECTION 903.2.3 GROUP E.*

DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

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

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

(60) *SUBSECTION 903.2.13 ADDITIONAL SUPPRESSION REQUIREMENTS.*

ADD NEW SUBSECTION 903.2.13 AFTER SUBSECTION 903.2.12 AS FOLLOWS:

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

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

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

903.2.13.3 APPLICABLE CONDITIONS AND EXCEPTIONS:

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

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

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

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

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

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

(61) *SUBSECTION 903.2.14 HOSE CONNECTIONS.*

ADD NEW SUBSECTION 903.2.14 AFTER SUBSECTION 903.2.13 AS FOLLOWS:

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

(62) *SUBSECTION 905.12 PIPING DESIGN.*

ADD NEW SUBSECTION 905.12 AFTER SUBSECTION 905.11 AS FOLLOWS:

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

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

10 **EXCEPTION:** THE RESIDUAL PRESSURE OF 100 PSI IS NOT REQUIRED IN
11 BUILDINGS WHERE ALL THE FOLLOWING APPLY:

- 12 (I) THAT ARE EQUIPPED THROUGHOUT WITH AUTOMATIC SPRINKLER
13 SYSTEMS IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2 OF
14 THIS CODE;
15 (II) WHERE THE HIGHEST FLOOR LEVEL IS NOT MORE THAN 75 FEET
16 ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS;
17 AND
18 (III) WHERE A PUMP IS NOT REQUIRED TO MEET THE SPRINKLER SYSTEM
19 DEMAND,

20 (63) *SUBSECTION 910.2 WHERE REQUIRED.*

- 21 (I) IN EXCEPTION NUMBER 1, BEFORE "FROZEN", INSERT "FOOD
22 HANDLING FACILITIES AND"; AND
23 (II) DELETE EXCEPTIONS 2, AND 3.

24 (64) *SUBSECTION 910.2.1 GROUP F-1 OR S-1.*

25 DELETE THIS SUBSECTION AND SUBSTITUTE THE FOLLOWING:

26 **910.2.1 GROUPS F-1, M, AND S-1.** BUILDINGS OR PORTIONS OF BUILDINGS
27 USED AS A GROUP F-1, M OR S-1 OCCUPANCY THAT HAVE MORE THAN
28 50,000 SQUARE FEET.

29 EXCEPTION 1: BUILDINGS WITH A FLOOR TO FINISHED CEILING HEIGHT OF 20
30 FEET OR LESS ARE EXEMPT FROM SOME VENTING REQUIREMENTS.

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

5 (65) *SUBSECTION 910.2.2 HIGH PILED COMBUSTIBLE STORAGE.*

6 (I) IN THE FIRST SENTENCE, DELETE "TABLE 3206.2 OF THE
7 INTERNATIONAL FIRE CODE" FOR BUILDINGS AND PORTIONS
8 THEREOF CONTAINING HIGH PILED COMBUSTIBLE STORAGE" AND
9 SUBSTITUTE "SECTION 910.2.1 OF THE HOWARD COUNTY BUILDING
10 CODE".

11 (II) IN THE SECOND SENTENCE, DELETE THE WORDS "AND PORTIONS
12 THEREOF CONTAINING HIGH PILED COMBUSTIBLE STORAGE AND
13 EQUIPPED THROUGHOUT".

14 (66) *SUBSECTION 910.3.4. VENT OPERATION.*

15 DELETE "AUTOMATIC AND".

16 (67) *CHAPTER 11. ACCESSIBILITY.*

17 DELETE THIS CHAPTER IN ITS ENTIRETY.

18 (68) *SUBSECTION 1210.4 DIAPER CHANGING AMENITY.*

19 ADD NEW SUBSECTION 1210.4 AFTER SUBSECTION 1210.3 AS FOLLOWS:

20 **1210.4 DIAPER-CHANGING AMENITY.**

21 (I) THIS SUBSECTION APPLIES TO THE FOLLOWING OCCUPANCY TYPES:
22 ASSEMBLY GROUP A-1, A-2, A-3, A-4, AND A-5, BUSINESS GROUP
23 B, EDUCATIONAL GROUP E, INSTITUTIONAL GROUP I-1, I-2, AND I-
24 4, MERCANTILE GROUP M, RESIDENTIAL GROUP R-1, AND STORAGE
25 GROUP S-2.

26 (II) IN EACH PORTION OF THE OCCUPANCY THAT CONTAINS A PUBLIC
27 TOILET OR BATHROOM, PERSONS OF ALL GENDERS MUST HAVE
28 ACCESS TO A DIAPER-CHANGING STATION OR SIMILAR AMENITY
29 THAT IS SAFE, SANITARY, AND CONVENIENT.

30 (III) THIS SUBSECTION DOES NOT APPLY TO:

- 1 A. BUILDINGS THAT ALREADY HAVE A NEW BUILDING PERMIT
2 AND ARE NOT UNDERGOING RENOVATIONS;
3 B. BUILDINGS UNDERGOING RENOVATIONS IF THE
4 RENOVATIONS DO NOT REQUIRE A BUILDING PERMIT;
5 C. BUILDINGS THAT PROHIBIT ENTRANCE TO MINORS; AND
6 D. BUILDINGS FOR WHICH THE BUILDING OFFICIAL DETERMINES
7 THAT THE INSTALLATION OF A DIAPER-CHANGING FACILITY
8 OR SIMILAR AMENITY IS NOT FEASIBLE.

9 (69) *SUBSECTION 1608.2 GROUND SNOW LOADS.*

10 IN THE FIRST SENTENCE, AFTER “SHALL BE”, INSERT “40 PSF AND FOR FLAT
11 ROOFS UP TO 2% SLOPES, A MINIMUM 30 PSF FLAT ROOF SNOW LOAD (p_f) IS
12 REQUIRED” AND DELETE THE REMAINDER OF THAT SENTENCE.

13 (70) *SUBSECTION 1803.2 INVESTIGATIONS REQUIRED.*

14 AT THE END OF THE FIRST SENTENCE AFTER “1803.5”, INSERT “OR WHERE
15 THE BUILDING EXCEEDS 2 STORIES”.

16 (71) *SUBSECTION 1809.5 FROST PROTECTION.*

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

19 (72) *SUBSECTION 1809.5.2 FROST LINE.*

20 ADD NEW SUBSECTION 1809.5.2 AFTER SUBSECTION 1809.5.1 AS FOLLOWS:

21 **1809.5.2 FROST LINE.** THE FROST LINE SHALL BE AT LEAST 30 INCHES
22 BELOW FINISHED GRADE.

23 (73) DELETE CHAPTERS 28 THROUGH 29.

24 (74) *SUBSECTION 3001.3 REFERENCED STANDARDS.*

25 ADD THE FOLLOWING TO THE END OF THE SUBSECTION:

26 **EXCEPTION:** THE REQUIREMENTS OF THE STATE OF MARYLAND ELEVATOR
27 CODE, ASME A17.1, SAFETY CODE FOR ELEVATORS AND ESCALATORS, AS
28 ADOPTED BY THE MARYLAND DEPARTMENT OF LABOR, SHALL APPLY TO
29 ELEVATORS AND CONVEYING SYSTEMS.

30 (75) *SUBSECTION 3107.1 GENERAL.*

31 INSERT THE FOLLOWING AT THE END OF THIS SENTENCE AFTER “CODE”:

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

3 (76) *SUBSECTION 3108.3 RADIO AND TELEVISION ANTENNAS*

4 ADD NEW SUBSECTION 3108.3 AFTER SUBSECTION 3108.2 AS FOLLOWS:

5 **3108.3 RADIO AND TELEVISION ANTENNAS.**

6 **3108.3.1 PERMITS NOT REQUIRED.** BUILDING PERMITS ARE NOT REQUIRED
7 FOR ROOF INSTALLATION OF ANTENNAL STRUCTURES THAT ARE LESS THAN
8 12 FEET IN HEIGHT ABOVE THE ROOF AND USED FOR PRIVATE RADIO OR
9 TELEVISION RECEPTION. ANTENNAL STRUCTURES SHALL NOT BE ERECTED
10 SO AS TO DAMAGE THE ROOF COVERING. WHEN REMOVED FROM THE ROOF,
11 THE ROOF COVERING SHALL BE REPAIRED TO MAINTAIN WEATHER AND
12 WATER TIGHTNESS. THE INSTALLATION OF ANTENNAL STRUCTURES ON THE
13 ROOF OF A BUILDING SHALL NOT BE NEARER TO THE LOT LINE THAN THE
14 TOTAL HEIGHT OF THE ANTENNAL STRUCTURE ABOVE THE ROOF.

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

18 **3108.3.2 PERMITS REQUIRED.** IF THE APPLICATION MEETS THE CRITERIA
19 SET FORTH IN THIS CODE, AN APPLICATION FOR ROOF-MOUNTED ANTENNAL
20 STRUCTURES MORE THAN 12 FEET IN HEIGHT ABOVE THE ROOF SHALL BE
21 APPROVED. A PERMIT APPLICATION FOR A ROOF-MOUNTED ANTENNAL
22 STRUCTURE UNDER THIS SUBSECTION SHALL BE ACCOMPANIED BY DETAILED
23 DRAWINGS OF THE STRUCTURE AND METHOD OF ANCHORAGE. ALL
24 CONNECTIONS TO THE ROOF STRUCTURE SHALL BE PROPERLY FLASHED TO
25 MAINTAIN WATER TIGHTNESS. THE DESIGN AND MATERIALS OF
26 CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THIS
27 SUBSECTION (3108.3) FOR CHARACTER, QUALITY, AND MINIMUM
28 DIMENSION.

29 **3108.3.3 DISH ANTENNAS.** A DISH ANTENNA IS AN ANTENNA THAT
30 CONSISTS OF A RADIATION ELEMENT THAT TRANSMITS OR RECEIVES
31 RADIATION SIGNALS GENERATED AS ELECTRICAL, LIGHT, OR SOUND

1 ENERGY. A DISH ANTENNA IS SUPPORTED BY A STRUCTURE WITH OR
2 WITHOUT A REFLECTIVE COMPONENT TO THE RADIATING DISH, USUALLY IN
3 A CIRCULAR SHAPE WITH A PARABOLIC CURVE DESIGN CONSTRUCTED OF A
4 SOLID OR OPEN MESH SURFACE.

5 **3108.3.3.1 PERMITS.** A PERMIT SHALL BE OBTAINED FOR DISH ANTENNAL
6 STRUCTURES THAT ARE GREATER THAN 3 FEET IN DIAMETER AND THAT ARE
7 ERECTED ON THE ROOF OF OR ATTACHED TO BUILDINGS OR STRUCTURES.
8 PERMITS ARE NOT REQUIRED FOR DISH ANTENNAS THAT ARE 3 FEET OR LESS
9 IN DIAMETER AND THAT ARE ERECTED AND MAINTAINED ON THE ROOF OF A
10 BUILDING.

11 **3108.3.3.2 STRUCTURAL PROVISIONS.** DISH ANTENNAS LARGER THAN 3
12 FEET IN DIAMETER ARE SUBJECT TO THE STRUCTURAL PROVISIONS OF
13 SECTIONS 1608 AND 1609. THE SNOW LOAD PROVISION OF SECTION 1608
14 SHALL NOT APPLY WHERE THE ANTENNA HAS A HEATER TO MELT FALLING
15 SNOW.

16 (78) *SECTION 3115 FLOODPLAIN.*

17 ADD NEW SECTION 3115 AFTER SECTION 3114 AS FOLLOWS:

18 **SECTION 3115 FLOODPLAIN.**

19 **3115.1 GENERAL.** FOR THE PURPOSE OF THIS SECTION, THE FLOODPLAIN IS
20 DELINEATED IN TITLE 16, SUBTITLE 7 OF THE HOWARD COUNTY CODE.

21 **3115.2 WITHIN DESIGNATED FLOODPLAIN.**

22 THE CONSTRUCTION, RECONSTRUCTION, MODIFICATION, ALTERATION,
23 REPAIR, OR IMPROVEMENT OF BUILDINGS, MANUFACTURED HOMES, OR
24 OTHER STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL BE
25 DONE IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THIS
26 SECTION.

27 **3115.2.1 NEW CONSTRUCTION.** NEW RESIDENTIAL OR NONRESIDENTIAL
28 CONSTRUCTION SHALL NOT OCCUR WITHIN A DESIGNATED FLOODPLAIN.

29 **EXCEPTION 1:** AN EXISTING NONCONFORMING STRUCTURE LOCATED
30 WITHIN A DESIGNATED FLOODPLAIN WHICH IS DESTROYED BY FIRE OR
31 FLOOD, OR THAT SUSTAINS SUBSTANTIAL DAMAGE MAY BE RESTORED TO

1 THE SAME SIZE AND DIMENSION AND IN THE SAME LOCATION ON THE SAME
2 LOT AS THE DESTROYED STRUCTURE, PROVIDED CONSTRUCTION BEGINS
3 WITHIN 12 MONTHS OF THE DATE OF DESTRUCTION. CONSTRUCTION SHALL
4 COMPLY WITH THE ELEVATING AND FLOODPROOFING REQUIREMENTS OF
5 SUBSECTION 3115.4 FOR NEW CONSTRUCTION ADJACENT TO A FLOODPLAIN.
6 A PERSON SHALL NOT INTENTIONALLY DEMOLISH OR RECONSTRUCT ANY
7 NONCONFORMING STRUCTURE. THIS EXCEPTION DOES NOT APPLY TO
8 MANUFACTURED HOMES. A MANUFACTURED HOME CANNOT BE RESTORED
9 UNDER ANY CONDITION WITHIN A DESIGNATED FLOODPLAIN.

10 **EXCEPTION 2:** TRANSPORTATION NETWORKS, UTILITY INSTALLATIONS,
11 PIERS, OPEN PIER STRUCTURES, AND OPEN DECKS APPROVED BY THE
12 DEPARTMENT OF PUBLIC WORKS. STREETS, SIDEWALKS, PATHWAYS, AND
13 UTILITY SYSTEMS IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN
14 MANUAL AND ALL OTHER APPLICABLE CODES, ORDINANCES, RESOLUTIONS,
15 AND REGULATIONS.

16 **3115.2.2 ADDITIONS AND ENLARGEMENTS.** EXISTING NONCONFORMING
17 STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL NOT BE
18 EXPANDED OR ENLARGED.

19 **3115.2.3 MODIFICATIONS, ALTERATIONS, AND REPAIRS.** MODIFICATIONS,
20 ALTERATIONS, REPAIRS, OR IMPROVEMENTS THAT COST LESS THAN 50% OF
21 THE FAIR MARKET VALUE OF THE STRUCTURE MAY BE MADE TO EXISTING
22 NONCONFORMING STRUCTURES LOCATED WITHIN A DESIGNATED
23 FLOODPLAIN WITHOUT FLOODPROOFING OR ELEVATING IF THE OWNER
24 DEMONSTRATES THROUGH A MARYLAND STATE REGISTERED PROFESSIONAL
25 ENGINEER THAT FLOODPROOFING OR ELEVATING IS IMPRACTICAL.

26 **3115.3 SUBSTANTIAL IMPROVEMENTS WITHIN A DESIGNATED**

27 **FLOODPLAIN.** SUBSTANTIAL IMPROVEMENTS WITHIN A DESIGNATED
28 FLOODPLAIN SHALL MEET THE STANDARDS SET FORTH IN THIS SUBSECTION
29 AND TITLE 16, SUBTITLE 7 OF THE HOWARD COUNTY CODE.

30 **3115.3.1. RESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT, OF
31 SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING RESIDENTIAL

STRUCTURES LOCATED WITHIN A DESIGNATED FLOODPLAIN SHALL BE
ELEVATED TO AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION.

3115.3.2. NONRESIDENTIAL. THE LOWEST FLOOR, INCLUDING A
BASEMENT, OF SUBSTANTIAL IMPROVEMENTS TO EXISTING
NONCONFORMING NONRESIDENTIAL STRUCTURES SHALL BE ELEVATED TO
AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION OR SHALL BE
DESIGNED SO THAT ANY AREA OF THE BUILDING WHICH IS LOWER THAN 2
FEET ABOVE THE 100-YEAR FLOOD ELEVATION, AS DETERMINED OR
APPROVED BY THE DEPARTMENT OF PUBLIC WORKS, IS WATERTIGHT WITH
WALLS SUBSTANTIALLY IMPERMEABLE TO THE PASSAGE OF WATER AND
WITH STRUCTURAL COMPONENTS HAVING THE CAPABILITY OF
WITHSTANDING APPLICABLE HYDROSTATIC, HYDRODYNAMIC, IMPACT,
SOIL, AND, WHEN APPLICABLE, HURRICANE AND TIDAL WAVE LOADING
CONDITIONS. THE WATER TIGHTNESS AND STRUCTURAL CAPABILITIES
SHALL BE THOSE DESCRIBED IN FLOODPROOFING REGULATIONS PUBLISHED
BY THE OFFICE OF THE CHIEF OF ENGINEERS, U.S. ARMY, WASHINGTON,
D.C., DECEMBER 1995, OR SUBSEQUENT REVISIONS, AND SECTION
16.705(c) OF THE HOWARD COUNTY CODE.

3115.4 CONSTRUCTION ADJACENT TO A DESIGNATED FLOODPLAIN.

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

3115.4.1 RESIDENTIAL. IN NEW CONSTRUCTION OF RESIDENTIAL
BUILDINGS OR ADDITIONS OR SUBSTANTIAL IMPROVEMENTS TO
RESIDENTIAL BUILDINGS, ALL FLOORS, INCLUDING THOSE OF BASEMENT
AND STORAGE AREAS, SHALL BE ELEVATED AT LEAST 2 FEET ABOVE THE
100-YEAR FLOOD LEVEL.

3115.4.2 NONRESIDENTIAL. IN NEW CONSTRUCTION OF NONRESIDENTIAL
BUILDINGS OR ADDITIONS OR SUBSTANTIAL IMPROVEMENTS TO
NONRESIDENTIAL BUILDINGS, EITHER:

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

25 **3115.4.3. MODIFICATIONS, ALTERATIONS OR REPAIRS.** MODIFICATIONS,
26 ALTERATIONS, REPAIRS, OR IMPROVEMENTS THAT COSTS LESS THAN 50% OF
27 THE FAIR MARKET VALUE OF THE STRUCTURE MAY BE MADE TO EXISTING
28 NONCONFORMING STRUCTURES LOCATED ADJACENT TO A DESIGNATED
29 FLOODPLAIN WITHOUT FLOODPROOFING OR ELEVATING.

1 **3115.4.4. VARIANCES.** VARIANCES TO THE REQUIREMENTS SET FORTH IN
2 THIS SUBSECTION MAY BE GRANTED BY THE BUILDING OFFICIAL IN
3 ACCORDANCE WITH SECTION 16.711 OF THE HOWARD COUNTY CODE.

4 **3115.5 SUBSTANTIAL IMPROVEMENTS ADJACENT TO A DESIGNATED**
5 **FLOODPLAIN.** SUBSTANTIAL IMPROVEMENTS ADJACENT TO A DESIGNATED
6 FLOODPLAIN SHALL MEET THE STANDARDS SET FORTH IN THIS SUBSECTION
7 AND TITLE 16, SUBTITLE 7 OF THE HOWARD COUNTY CODE.

8 **3115.5.1 RESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT, OF
9 SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING RESIDENTIAL
10 STRUCTURES LOCATED ADJACENT TO A DESIGNATED FLOODPLAIN SHALL BE
11 ELEVATED TO AT LEAST 2 FEET ABOVE THE 100-YEAR FLOOD ELEVATION.

12 **3115.5.2 NONRESIDENTIAL.** THE LOWEST FLOOR, INCLUDING A BASEMENT,
13 OF SUBSTANTIAL IMPROVEMENTS TO EXISTING NONCONFORMING
14 NONRESIDENTIAL STRUCTURES LOCATED ADJACENT TO A DESIGNATED
15 FLOODPLAIN SHALL BE ELEVATED TO AT LEAST 2 FEET ABOVE THE
16 100-YEAR FLOOD ELEVATION OR SHALL BE DESIGNED SO THAT ANY AREA OF
17 THE BUILDING WHICH IS LOWER THAN 2 FEET ABOVE THE 100-YEAR FLOOD
18 ELEVATION, AS DETERMINED OR APPROVED BY THE DEPARTMENT OF
19 PUBLIC WORKS, IS WATERTIGHT WITH WALLS SUBSTANTIALLY
20 IMPERMEABLE TO THE PASSAGE OF WATER AND WITH STRUCTURAL
21 COMPONENTS HAVING THE CAPABILITY OF WITHSTANDING APPLICABLE
22 HYDROSTATIC, HYDRODYNAMIC IMPACT, SOIL, AND, WHEN APPLICABLE,
23 HURRICANE AND TIDAL WAVE LOADING CONDITIONS. ELECTRICAL,
24 HEATING, VENTILATION, PLUMBING, AIR CONDITIONING EQUIPMENT, AND
25 OTHER SERVICE FACILITIES ASSOCIATED WITH THE BUILDINGS SHALL BE
26 DESIGNED OR LOCATED SO AS TO PREVENT WATER FROM ENTERING OR
27 ACCUMULATING WITHIN THE COMPONENTS DURING CONDITIONS OF
28 FLOODING. THE WATER TIGHTNESS AND STRUCTURAL CAPABILITIES SHALL
29 BE THOSE DESCRIBED IN FLOODPROOFING REGULATIONS PUBLISHED BY THE
30 OFFICE OF THE CHIEF OF ENGINEERS, U.S. ARMY, WASHINGTON, D.C.,

1 DECEMBER 1995, OR SUBSEQUENT REVISIONS, AND SECTION 16.705(C) OF
2 THE HOWARD COUNTY CODE.

3 **3115.6 VERIFICATION.** FOR THE PURPOSE OF VERIFYING COMPLIANCE
4 WITH SECTION 3115.4 FOR CONSTRUCTION ADJACENT TO A DESIGNATED
5 FLOODPLAIN, THE FOLLOWING SHALL APPLY:

- 6 (I) WHEN FLOODPROOFING BY MEANS OTHER THAN ELEVATING, A
7 DOCUMENT STATING THAT THE PROPOSED CONSTRUCTION HAS BEEN
8 ADEQUATELY DESIGNED TO WITHSTAND THE LOADING CONDITIONS
9 STATED IN SUBSECTION 3115.4.2(b) SHALL BE CERTIFIED BY A
10 PROFESSIONAL ENGINEER OR ARCHITECT CURRENTLY REGISTERED IN
11 MARYLAND. THIS DOCUMENT SHALL BE REQUIRED PRIOR TO
12 ISSUANCE OF A BUILDING PERMIT.
- 13 (II) WHEN FLOODPROOFING BY ELEVATING IS USED, THE OWNER SHALL
14 AGREE, IN WRITING, TO PROVIDE A FEMA ELEVATION CERTIFICATE
15 FORM 086-0-33, COMPLETED BY A PROFESSIONAL ENGINEER OR
16 PROFESSIONAL LAND SURVEYOR CURRENTLY REGISTERED IN
17 MARYLAND, CERTIFYING THAT THE AS-BUILT LOWEST FLOOR OF THE
18 STRUCTURE IS ELEVATED AT LEAST 2 FEET ABOVE THE 100-YEAR
19 FLOODPLAIN ELEVATION. THE AGREEMENT SHALL BE MADE PRIOR
20 TO THE ISSUANCE OF THE BUILDING PERMIT AND THE COMPLETED
21 CERTIFICATION SHALL BE SUBMITTED PRIOR TO FOUNDATION
22 APPROVAL BY THE BUILDING OFFICIAL.
- 23 (III) FAIR MARKET VALUE OF A STRUCTURE SHALL BE ESTABLISHED BY A
24 RECENT (WITHIN 6 MONTHS) FORMAL APPRAISAL FROM A QUALIFIED
25 APPRAISER. FAIR MARKET VALUE SHALL NOT INCLUDE LAND
26 VALUE.
- 27 (IV) COST TO REPAIR OR IMPROVE A STRUCTURE SHALL BE ESTABLISHED
28 BY A RECENT (WITHIN 6 MONTHS) WRITTEN ESTIMATE FROM A
29 LICENSED CONTRACTOR AND SHALL INCLUDE THE COMPLETE COST
30 OF REPAIRS OR IMPROVEMENTS TO THE POINT OF USE OR
31 OCCUPANCY.

1 **3115.7 DEFINITIONS.** NOTWITHSTANDING CHAPTER 2 OF THE
2 INTERNATIONAL BUILDING CODE, THE FOLLOWING DEFINITIONS SHALL
3 APPLY TO SECTION 3115.0, FLOODPLAIN, OF THIS CODE:

4 **ACCESSORY STRUCTURE.** A DETACHED STRUCTURE ON THE SAME PARCEL
5 OR PROPERTY AS THE PRINCIPAL STRUCTURE THAT HAS A USE THAT IS
6 INCIDENTAL TO THE PRINCIPAL STRUCTURE INCLUDING, BUT NOT LIMITED
7 TO, A SHED OR DETACHED GARAGE.

8 **ADJACENT TO A FLOODPLAIN.** SHARING A COMMON BORDER WITH A
9 FLOODPLAIN.

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

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

13 **FLOODPROOFING.** ANY COMBINATION OF ADDITIONS, CHANGES, OR
14 ADJUSTMENTS TO A STRUCTURE WHICH REDUCE OR ELIMINATE FLOOD
15 DAMAGE TO REAL ESTATE OR IMPROVED REAL PROPERTY, WATER OR
16 SANITARY FACILITIES, OR STRUCTURES AND THEIR CONTENTS , SUCH THAT
17 THE BUILDINGS OR STRUCTURES ARE WATERTIGHT WITH WALLS
18 SUBSTANTIALLY IMPERMEABLE TO THE PASSAGE OF WATER AND WITH
19 STRUCTURAL COMPONENTS HAVING THE CAPABILITY OF RESISTING
20 HYDROSTATIC AND HYDRODYNAMIC LOADS AND EFFECTS OF BUOYANCY.

21 **HISTORIC STRUCTURE.** A BUILDING LISTED ON THE NATIONAL REGISTER
22 OF HISTORIC PLACES, A STATE INVENTORY OF HISTORIC PLACES, OR AN
23 INVENTORY OF HISTORIC STRUCTURES ADOPTED BY RESOLUTION OF THE
24 COUNTY COUNCIL. A HISTORIC STRUCTURE ALSO INCLUDES A STRUCTURE
25 THAT IS CERTIFIED OR PRELIMINARILY DETERMINED BY THE UNITED STATES
26 SECRETARY OF THE INTERIOR AS CONTRIBUTING TO THE HISTORICAL
27 SIGNIFICANCE OF A REGISTERED HISTORIC DISTRICT OR A DISTRICT
28 PRELIMINARILY DETERMINED BY THE SECRETARY TO QUALIFY AS A
29 REGISTERED HISTORIC DISTRICT.

30 **LOWEST FLOOR.** THE LOWEST FLOOR OR THE LOWEST ENCLOSED AREA,
31 INCLUDING A BASEMENT. LOWEST FLOOR DOES NOT INCLUDE AN

1 UNFINISHED OR FLOOD RESISTANT ENCLOSURE USED SOLELY FOR PARKING
2 VEHICLES, BUILDING ACCESS, OR STORAGE IN AN AREA OTHER THAN A
3 BASEMENT AREA. THE ENCLOSURE SHALL NOT BE BUILT SO AS TO RENDER
4 THE STRUCTURE IN VIOLATION OF THE APPLICABLE NON-ELEVATION DESIGN
5 REQUIREMENTS OF SUBSECTIONS 3115.4 AND 3115.6 OF THIS CODE.

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

9 **NEW CONSTRUCTION.** STRUCTURES, INCLUDING ADDITIONS AND
10 IMPROVEMENTS, AND THE PLACEMENT OF MANUFACTURED HOMES, FOR
11 WHICH THE START OF CONSTRUCTION COMMENCED ON OR AFTER 3/15/1977,
12 THE INITIAL EFFECTIVE DATE OF THE HOWARD COUNTY FLOOD INSURANCE
13 RATE MAP, INCLUDING ANY SUBSEQUENT IMPROVEMENTS, ALTERATIONS,
14 MODIFICATIONS, AND ADDITIONS TO SUCH STRUCTURES.

15 THE REPAIR OR REPLACEMENT OF A MANUFACTURED HOME BECAUSE OF
16 SUBSTANTIAL DAMAGE IS CONSIDERED TO BE NEW CONSTRUCTION AND IS
17 PROHIBITED IN ACCORDANCE WITH SECTION 3115.2.1 OF THIS CODE.

18 **STRUCTURE.** FOR PURPOSES OF THIS SUBSECTION 3115 TO THIS CODE,
19 SHALL HAVE THE MEANING SET FORTH IN TITLE 16, SUBTITLE 7 OF THE
20 HOWARD COUNTY CODE.

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

25 **SUBSTANTIAL IMPROVEMENT.** THE REPAIR, RECONSTRUCTION, OR
26 IMPROVEMENT OF A BUILDING OR STRUCTURE, THE COST OF WHICH IS
27 EQUAL TO OR GREATER THAN 50% OF THE FAIR MARKET VALUE OF THE
28 BUILDING OR STRUCTURE PRIOR TO DAMAGE, IMPROVEMENT, OR REPAIR.
29 FOR THE PURPOSE OF THIS DEFINITION, "SUBSTANTIAL IMPROVEMENT"
30 OCCURS WHEN THE FIRST ALTERATION OF A WALL, CEILING, FLOOR, OR
31 OTHER STRUCTURAL PART OF THE BUILDING BEGINS, WHETHER OR NOT

1 THAT ALTERATION AFFECTS THE EXTERNAL DIMENSIONS OF THE BUILDING
2 OR STRUCTURE. THE TERM DOES NOT INCLUDE ANY PROJECT FOR
3 IMPROVING A BUILDING OR STRUCTURE TO COMPLY WITH EXISTING STATE
4 OR LOCAL HEALTH, SANITARY, OR HOUSING CODE REQUIREMENTS WHICH
5 ARE NECESSARY TO ASSURE SAFE LIVING CONDITIONS. THIS TERM DOES NOT
6 INCLUDE AN ALTERATION OF A HISTORIC STRUCTURE PROVIDED THAT THE
7 ALTERATION WILL NOT PRECLUDE THE STRUCTURE'S CONTINUED
8 DESIGNATION AS A HISTORIC STRUCTURE.

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

10 **3115.8 VARIANCES AND WAIVERS.** EXCEPT AS PROVIDED IN SECTION
11 3115.4 OF THIS CODE, A VARIANCE OR WAIVER OF THIS SECTION IS NOT
12 ALLOWED. THE BUILDING OFFICIAL SHALL CONSIDER A VARIANCE IN
13 ACCORDANCE WITH THE PROVISIONS OF SECTION 16.711 OF THE HOWARD
14 COUNTY CODE.

15 **3115.9 OTHER AGENCIES.** A PERMIT ISSUED BY THE BUILDING OFFICIAL
16 UNDER THIS SUBTITLE IS NOT VALID UNTIL ALL NECESSARY PERMITS FOR
17 THE DEVELOPMENT ARE OBTAINED. RECEIPT OF FEDERAL OR STATE
18 PERMITS DO NOT EXEMPT A DEVELOPMENT FROM THE PROVISIONS OF THIS
19 SUBTITLE.

20 (79) *SUBSECTION 3306.10 ACCESSIBILITY DURING CONSTRUCTION OPERATIONS.*

21 ADD NEW SUBSECTION 3306.10 AFTER SUBSECTION 3306.9 AS FOLLOWS:

22 **3306.10 ACCESSIBILITY DURING CONSTRUCTION OPERATIONS.** PRIOR TO
23 AND DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE AND
24 MAINTAIN AT ALL TIMES A MINIMUM 12-FOOT WIDE VEHICULAR ACCESS
25 ROADWAY THAT WILL ALLOW THE UNIMPEDED MOVEMENT OF FIRE OR
26 EMERGENCY RESCUE VEHICLES FROM AN IMPROVED STREET TO WITHIN 200
27 FEET OF THE MOST REMOTE BUILDING UNDER CONSTRUCTION ON THE SITE.
28 THE VEHICULAR ACCESS ROADWAY SURFACE SHALL BE CRUSHER RUN,
29 STONE BASE, BLACKTOP, OR OTHER SUITABLE COMPACTED SURFACE
30 MATERIAL APPROVED BY THE BUILDING OFFICIAL.

31 (80) *SECTION 3315 CONSTRUCTION SITE GRADING.*

ADD NEW SECTION 3315 AFTER SECTION 3314 AS FOLLOWS:

SECTION 3315 CONSTRUCTION SITE GRADING.

3315.1 LOT IMPROVEMENTS. LOT IMPROVEMENTS SHALL PROVIDE:

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

3315.2 MINIMUM GRADIENT. THE MINIMUM GRADIENT FOR CONCRETE OR OTHER IMPERVIOUS SURFACES SHALL BE 1/16 INCH PER FOOT (1/2%). THE MINIMUM GRADIENT FOR PERVIOUS SURFACES SHALL BE 1/4 INCH PER FOOT (2%).

3315.3 MAXIMUM GRADIENT. EXCEPT WHERE RESTRICTED BY PROPERTY LINES, THE MAXIMUM GRADIENT SHALL BE 2-1/2 INCHES (21%) FOR A MINIMUM OF 4 FEET AWAY FROM BUILDING WALLS. SLOPES NOT EXCEEDING 30 INCHES SHALL BE 1-1/2 TO 1. SLOPES EXCEEDING 30 INCHES SHALL BE 2 TO 1. THE TOP AND BOTTOM OF BANKS AT THE SWALES SHALL BE ROUNDED FOR CONVENIENT MAINTENANCE.

3315.4 FINISH GRADING. FOR AREAS WHERE THE INSTALLATION OF LAWN OR PLANTING IS REQUIRED, THE SURFACE LAYER OF THE SOIL SHALL BE WORKABLE, FREE OF DEBRIS, AND LOT FINISHED GRADED TO COMPLY WITH GRADING DESIGN. FINISH GRADING SHALL BE DONE WHEN THE GROUND IS FROST-FREE AND THE WEATHER IS FAVORABLE. LAWN COVERS SHALL BE PROVIDED TO PREVENT THE EROSION OF SWALES AND SLOPES.

1 **SECTION 3.102. AMENDMENTS TO THE INTERNATIONAL RESIDENTIAL CODE, 2024**
2 **EDITION.**

3 (A) *IN GENERAL.*

- 4 (1) AS USED IN THIS SECTION, THE TERM "THIS CODE" MEANS THE
5 INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY
6 DWELLINGS, 2024 EDITION.
- 7 (2) AS USED IN THIS CODE, THE TERM "BUILDING OFFICIAL" MEANS THE
8 DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
9 OR THE DIRECTOR'S AUTHORIZED DESIGNEE.
- 10 (3) WHERE THE NAME OF THE JURISDICTION IS TO BE INDICATED IN ANY
11 SECTION OF THIS CODE, INSERT "HOWARD COUNTY".
- 12 (4) AS USED IN THIS CODE, THE TERM "DEPARTMENT OF BUILDING SAFETY"
13 MEANS THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS.

14 (B) *LOCAL AMENDMENTS.* THE FOLLOWING AMENDMENTS MODIFY CERTAIN PROVISIONS
15 OF THE ADOPTED CODE.

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

17 ADD THE FOLLOWING AT THE END OF THE SUBSECTION, AFTER R101.2.1:

18 **R101.2.2 SUBDIVISION AND LAND DEVELOPMENT.** IF A SITE
19 DEVELOPMENT PLAN IS REQUIRED BY THE HOWARD COUNTY SUBDIVISION
20 REGULATIONS, A PERMIT SHALL NOT BE ISSUED UNTIL THE SITE
21 DEVELOPMENT PLAN IS APPROVED UNLESS AUTHORIZED BY THE DIRECTOR
22 OF PLANNING AND ZONING

23 **R101.2.3 SITE WORK AND SAFEGUARDS.** THE REQUIREMENTS OF THE
24 INTERNATIONAL BUILDING CODE, CHAPTER 33, SHALL APPLY FOR SITE
25 WORK AND SAFEGUARDS DURING CONSTRUCTION.

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

27 ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

28 **R102.2.1 RESIDENTIAL SPRINKLER.** RESIDENTIAL SPRINKLER SYSTEMS
29 INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.3 OF THE
30 INTERNATIONAL BUILDING CODE, 2024 EDITION, ARE ALLOWED FOR

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

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

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

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

20 **EXCEPTION:** THE HOWARD COUNTY FIRE PREVENTION CODE, SUBDIVISION
21 AND LAND DEVELOPMENT REGULATIONS, ZONING REGULATIONS, AND
22 SEDIMENT AND EROSION CONTROL REGULATIONS APPLY TO THE
23 CONSTRUCTION OF MANUFACTURED HOMES. THE REQUIREMENTS OF
24 APPENDIX E OF THIS CODE, FOR DESIGN AND INSTALLATION OF FOOTINGS,
25 FOUNDATIONS, SKIRTING AND PERIMETER ENCLOSURES, EXITS, AUTOMATIC
26 SPRINKLERS IN ACCORDANCE WITH R309, PIERS, AND GROUND ANCHORS
27 SHALL APPLY FOR THE SITING OF MANUFACTURED HOMES.

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

29 ADD THE FOLLOWING TO THE END OF THIS SUBSECTION:

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

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

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

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

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

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

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

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

R102.4.11 WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL SWIMMING POOL CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY SWIMMING POOL CODE ADOPTED PURSUANT TO THIS SUBTITLE.

(4) *SUBSECTION R102.6 EXISTING STRUCTURES.*

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

(5) *SUBSECTION R102.6.1 ADDITIONS, ALTERATIONS OR REPAIRS.*

INSERT AT THE BEGINNING OF THE FIRST SENTENCE:

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

(6) *SECTIONS R103 THROUGH R114.*

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

R103 ADMINISTRATION. SECTIONS 103 THROUGH 118 OF THE INTERNATIONAL BUILDING CODE, 2024 EDITION, AS ADOPTED AND AMENDED IN THIS SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF THIS CODE.

(7) *TABLE R301.2 CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA.*

DELETE TABLE R301.2 AND SUBSTITUTE:

Ground Snow Load ^d	Wind Design				Seismic Design Category ^f	Subject To Damage From			Winter Design Temp ^e	Ice Barrier Underlayment Required ^g	Flood Hazards ^h	Air Freezing Index ⁱ	Mean Annual Temp ^j
	Speed ^a (mph)	Topographic Effects ^k	Special Wind Region ^l	Windborne Debris Zone ^m		Weathering ^a	Frost Line Depth ^s	Termite ^c					
40 lbs	115	No	No	No	A	Severe	30"	Mod Heavy	20°F	Yes	See Flood Maps	1500	55 °F
Manual J Design Criteria													
Elevation		Latitude		Winter Heating		Summer Cooling		Altitude Correction Factor	Indoor Design Temperature	Design Temperature Cooling		Heating Temperature Difference	
148 ft		39		15 °F		91 °F			70 °F	75 °F		55 °F	
Cooling Temperature Difference		Wind Velocity Heating		Wind Velocity Cooling		Coincident Wet Bulb		Altitude Range	Winter Humidity	Summer Humidity			
16 °F		15 °F		7.5 °F		74		M	30	50		-	

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

IN THIS SUBSECTION, DELETE “ASCE 24” AND SUBSTITUTE “SECTION 3115, FLOODPLAIN, OF THE HOWARD COUNTY BUILDING CODE”.

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

DELETE THIS SUBSECTION.

(10) *SUBSECTION R302.2 TOWNHOUSES.*

IN THE FIRST SENTENCE DELETE “IN ACCORDANCE WITH SECTIONS R302.2.1 OR R302.2.2” AND SUBSTITUTE THE FOLLOWING:

“WITH A 2-HOUR FIRE RESISTANCE RATED WALL OR FLOOR ASSEMBLY OR TWO 1-HOUR FIRE RESISTANCE RATED WALLS, TESTED IN ACCORDANCE WITH ASTM E119, UL 263 OR SECTION 703.3 OF THE INTERNATIONAL BUILDING CODE”.

(11) *SUBSECTION R302.2.6 STRUCTURAL INDEPENDENCE.*

DELETE EXCEPTION NUMBERS 5 AND 6.

(12) *SUBSECTION R302.3 FIRE-RESISTANCE RATING.*

IN THE FIRST SENTENCE AFTER THE WORDS “FIRE RESISTANCE RATING OF” DELETE “1 HOUR” THROUGH THE REST OF THE SENTENCE AND SUBSTITUTE “2-HOURS”.

(13) *SUBSECTION R306. FLOOD RESISTANT CONSTRUCTION.*

DELETE THIS SUBSECTION IN ITS ENTIRETY AND SUBSTITUTE:

SUBSECTION R306. FLOOD-RESISTANT CONSTRUCTION. THE CONSTRUCTION, RECONSTRUCTION, MODIFICATION, ALTERATION, REPAIR, OR IMPROVEMENT OF BUILDINGS, MANUFACTURED HOMES, OR OTHER STRUCTURES LOCATED

1 WITHIN A DESIGNATED FLOODPLAIN SHALL BE DONE IN ACCORDANCE WITH
2 THE REQUIREMENTS SET FORTH IN SECTION 3115 OF THE HOWARD COUNTY
3 BUILDING CODE.

- 4 (14) *SUBSECTION R309.2 ONE AND TWO-FAMILY DWELLINGS AUTOMATIC FIRE*
5 *SPRINKLER SYSTEMS:*

6 IN THE EXCEPTION, AFTER THE FIRST "SPRINKLER SYSTEM" DELETE THE
7 REST OF THE SENTENCE AND SUBSTITUTE "FOR ADDITIONS OR ALTERATIONS
8 LESS THAN FIFTY PERCENT OF THE EXISTING GROSS AREA OF ALL FLOORS OF
9 THE BUILDING OR STRUCTURE ARE EXEMPT FROM FIRE SPRINKLER
10 SYSTEMS."

- 11 (15) *SUBSECTION R319.6 DWELLING ADDITIONS.*

12 DELETE EXCEPTION NUMBER 3

- 13 (16) *SUBSECTION R319.7 ALTERATIONS OR REPAIRS OF EXISTING BASEMENTS.*

14 DELETE THE EXCEPTION

- 15 (17) *SUBSECTION R319.7.1 EXISTING EMERGENCY ESCAPE AND RESCUE*
16 *OPENINGS.*

17 DELETE THE SUBSECTION IN ITS ENTIRETY

- 18 (18) *SUBSECTION R320.5 GRIP SIZE.*

19 (I) IN NUMBER 1, DELETE "2 ¼ INCHES (57 MM)" AND SUBSTITUTE "3 ¼
20 INCHES" AND

21 (II) IN NUMBER 2, DELETE "2 ¾ INCHES (70MM)" AND SUBSTITUTE "3 ¼
22 INCHES".

- 23 (19) *SUBSECTION R321.1.1 WHERE REQUIRED.*

24 ADD THE FOLLOWING EXCEPTION:

25 "EXCEPTION: ALTERNATIVE DESIGNS MAY BE APPROVED BY THE BUILDING
26 OFFICIAL"

- 27 (20) *SUBSECTION R322. ACCESSIBILITY.*

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

30 **R322. ACCESSIBILITY.** ACCESSIBLE DWELLING UNITS SHALL COMPLY WITH
31 THE PROVISIONS OF THE MARYLAND ACCESSIBILITY CODE.

1 (21) *SUBSECTION R322.3. CARE FACILITIES.*

2 AT THE END OF THE SENTENCE, DELETE “CHAPTER 11 OF THE INTERNATIONAL
3 BUILDING CODE” AND INSERT “MARYLAND ACCESSIBILITY CODE”.

4 (22) *SUBSECTION R324.4.3 GLAZING IN WINDOWS.*

5 IN NUMBER 4, ADD EXCEPTION NUMBER 4 AS FOLLOWS:

6 “SAFETY GLAZE FILM IN ACCORDANCE WITH ANSI Z97.1”.

7 (23) *SUBSECTION R329.6 ROOF ACCESS AND PATHWAYS.*

8 ADD EXCEPTION 5 AS FOLLOWS:

9 “5. PATHWAYS ARE NOT REQUIRED WHEN PHOTOVOLTAIC SYSTEMS ARE
10 INSTALLED ON ONLY ONE SIDE OF THE ROOF STRUCTURE.”

11 (24) *SECTION R333 SOUND TRANSMISSION.*

12 ADD NEW SECTION R333 AFTER SECTION R332 AS FOLLOWS:

13 **R333 SOUND TRANSMISSION.** THE REQUIREMENTS OF APPENDIX BG SHALL
14 APPLY TO THE CONSTRUCTION OF ALL NEW RESIDENTIAL BUILDINGS.

15 (25) *SECTION R334 RADON CONTROL.*

16 ADD NEW SECTION R334 AFTER SECTION R333 AS FOLLOWS:

17 **SECTION R334 RADON CONTROL.** RADON CONTROL METHODS SET FORTH
18 IN APPENDIX BE, SHALL APPLY TO THE CONSTRUCTION OF NEW
19 RESIDENTIAL BUILDINGS.

20 (26) *SECTION R335 MANUFACTURED HOUSING.*

21 ADD NEW SECTION R335 AFTER SECTION R334 AS FOLLOWS:

22 **SECTION R335 MANUFACTURED HOUSING.** MANUFACTURED HOUSING
23 USED AS DWELLINGS SHALL COMPLY WITH APPENDIX BA.

24 (27) *SUBSECTION R403.1.1 MINIMUM SIZE.*

25 IN TABLES R403.1(1), R403.1(2) AND R403.1(3), IN EACH TABLE

26 (i) IN THE COLUMNS TITLED “GROUND SNOW LOAD OR ROOF LIVE
27 LOAD” DELETE “25 PSF GROUND SNOW LOAD” AND “30 PSF” AND
28 SUBSTITUTE “40 PSF.”; AND

29 (ii) UNDER THE HEADING TITLED “LOAD BEARING VALUES OF SOIL” FOR
30 1500, 2000, 2500, STRIKE THE WIDTH AND THICKNESS IN EACH
31 INSTANCE AND INSERT 16X8 INCHES IN EACH INSTANCE.

1 (28) *SUBSECTION R403.1.4.1 FROST PROTECTION.*

2 (i) IN EXCEPTION NO. 1, DELETE “600 SQUARE FEET (56 m²)” AND
3 SUBSTITUTE “400 SQUARE FEET”; AND

4 (ii) DELETE EXCEPTION NO. 2.

5 (29) *TABLE R404.1.2.1(3) 10-INCH MASONRY FOUNDATION WALLS WITH*
6 *REINFORCING WHERE D ≥ 6.75 INCHES.*

7 IN THE COLUMN TITLED “MINIMUM VERTICAL REINFORCEMENT AND
8 SPACING”, FOR THE SOIL CLASS “GM, GC, SM, SM-SC AND ML SOILS 45”:

9 A. FOR MAXIMUM WALL HEIGHT OF “8 FEET” AND MAXIMUM
10 UNBALANCED BACKFILL HEIGHT OF “7 FEET”, CHANGE THE
11 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,
12 MINIMUM NOMINAL WALL THICKNESS FROM “5 @ 56” TO
13 “NR”; AND

14 B. FOR MAXIMUM WALL HEIGHT OF “9 FEET 4 INCHES” AND
15 MAXIMUM UNBALANCED BACKFILL HEIGHT OF “7 FEET”,
16 CHANGE THE MINIMUM VERTICAL REINFORCEMENT SIZE AND
17 SPACING, MINIMUM NOMINAL WALL THICKNESS FROM “5 @
18 56” TO “NR”.

19 (30) *TABLE R404.1.2.1(4) 12-INCH MASONRY FOUNDATION WALLS WITH*
20 *REINFORCING WHERE D ≥ 8.75 INCHES.*

21 IN THE COLUMN TITLED “MINIMUM VERTICAL REINFORCEMENT AND
22 SPACING”, FOR THE SOIL CLASS “GM, GC, SM, SM-SC AND ML SOILS 45”:

23 FOR A MAXIMUM WALL HEIGHT OF “9 FEET 4 INCHES” AND A MAXIMUM
24 UNBALANCED BACKFILL HEIGHT OF “8 FEET”, CHANGE THE MINIMUM
25 VERTICAL REINFORCEMENT AND SPACING FROM “6 @ 72” TO “NR”.

26 (31) *TABLE R404.1.3.2 (8) MINIMUM VERTICAL REINFORCEMENT FOR 6-, 8-, 10-*
27 *INCH AND 12-INCH NOMINAL FLAT BASEMENT WALLS.*

28 IN THE COLUMN TITLED “MINIMUM VERTICAL REINFORCEMENT BAR SIZE
29 AND SPACING”, FOR THE SOIL CLASS “GM, GC, SM, SM-SC AND ML45”:

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

- 1 A. FOR MAXIMUM WALL HEIGHT OF 8 FEET AND MAXIMUM
2 UNBALANCED BACKFILL HEIGHT OF 7 FEET, CHANGE THE
3 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,
4 MINIMUM NOMINAL WALL THICKNESS FROM "5 @ 41" TO
5 "NR"; AND
- 6 B. FOR MAXIMUM WALL HEIGHT OF 9 FEET AND MAXIMUM
7 UNBALANCED BACKFILL HEIGHT OF 7 FEET, CHANGE THE
8 MINIMUM VERTICAL REINFORCEMENT SIZE AND SPACING,
9 MINIMUM NOMINAL WALL THICKNESS FROM "5 @ 37" TO
10 "NR"; AND
- 11 (II) IN THE SUB-COLUMN TITLED "MINIMAL NOMINAL WALL THICKNESS
12 (INCHES)"; FOR 10 INCHES, FOR A MAXIMUM WALL HEIGHT OF 9 FEET
13 AND A MAXIMUM UNBALANCED BACKFILL HEIGHT OF 8 FEET,
14 CHANGE THE MINIMUM VERTICAL REINFORCEMENT SIZE AND
15 SPACING MINIMUM WALL THICKNESS FROM "5 @ 37" TO "NR".
- 16 (32) *SUBSECTION R405.1 CONCRETE OR MASONRY FOUNDATIONS.*
17 AMEND THIS SUBSECTION AS FOLLOWS:
- 18 (I) DELETE THE EXCEPTION TO THIS SUBSECTION; AND
19 (II) ADD NEW SUBSECTION R405.1.2 AFTER SUBSECTION 405.1.1 AS
20 FOLLOWS:
- 21 **R405.1.2 FOUNDATION DRAINS.** SUBSOIL DRAINS HAVING A
22 MINIMUM 3 INCH DIAMETER OR OTHER APPROVED DRAINS OF
23 EQUIVALENT CROSS SECTIONAL AREA SHALL BE PROVIDED AROUND
24 FOUNDATIONS ENCLOSING USABLE SPACES LOCATED BELOW GRADE.
25 DRAINS SHALL BE INSTALLED ON THE EXTERIOR OF THE
26 FOUNDATION OR ON THE INTERIOR OF THE FOUNDATION WITH PIPES
27 OF AT LEAST A 2-INCH DIAMETER LEADING TO THE EXTERIOR EVERY
28 4 FEET AROUND THE PERIMETER OF THE FOUNDATION. IN EACH
29 CASE, THE TOP OF THE DRAIN SHALL BE BELOW THE BOTTOM OF
30 SLAB. DRAINS FOR POURED CONCRETE FOUNDATION MAY BE
31 PLACED ON TOP OF THE FOOTING. SUBSOIL DRAINS SHALL BE

COVERED WITH A MINIMUM OF A 4-INCH DEPTH OF GRAVEL OR
WASHED STONE AND BUILDING PAPER, FILTER CLOTH, OR OTHER
APPROVED MATERIAL. THE END OF A SUBSOIL DRAIN SHALL
DISCHARGE BY GRAVITY OR BY MECHANICAL MEANS TO AN
APPROVED DRAINAGE OUTFALL.

(33) *TABLE R507.3.1 MINIMUM FOOTING SIZE FOR DECKS*

DELETE THE TABLE IN ITS ENTIRETY AND SUBSTITUTE THE FOLLOWING:

TABLE R507.3.1: MINIMUM FOOTING SIZE FOR DECKS

BEAM SPAN LESS THAN OR EQUAL TO:	JOIST SPAN LESS THAN OR EQUAL TO:	SIZE OF SQUARE	SIZE OF ROUND	MINIMUM THICKNESS
8'	10'	16"	18"	8"
	14'	16"	18"	8"
	18'	16"	18"	8"
12'	10'	16"	18"	8"
	14'	16"	18"	8"
	18'	16"	18"	8"
17'	10'	16"	18"	8"
	14'	16"	18"	8"

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

AFTER THE FIRST SENTENCE INSERT THE FOLLOWING:

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

(35) *CHAPTER 11 ENERGY EFFICIENCY*

1 DELETE CHAPTER 11 IN ITS ENTIRETY.

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

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

5 **M1401.1.1 HVAC PERMIT REQUIRED.** A HVAC PERMIT IS REQUIRED FOR
6 EVERY SYSTEM INSTALLED IN A NEW SINGLE-FAMILY DWELLING OR NEW
7 SINGLE-FAMILY ADDITION AND FOR THE INSTALLATION OF ANY DUCT WORK.

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

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

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

14 (I) AN INFORMATION BLOCK WITH THE:

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

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

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

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

- 1 C. BRANCH DUCTS/RUN-OUTS, DAMPERS, AND REGISTERS WITH
2 CFM RATINGS;
3 D. THERMOSTATS;
4 E. RETURN DUCTS AND GRILLS; AND
5 F. DUCT INSULATION; AND
6 (IV) A SUMMARY OF MANUAL J CALCULATIONS FOR THE PROPOSED
7 WORK.
8 (38) *SUBSECTION M1503.3 EXHAUST DISCHARGE.*
9 IN THE FIRST SENTENCE OF THE EXCEPTION AFTER THE FIRST "WHERE"
10 INSERT THE FOLLOWING:
11 "AN OPERABLE WINDOW LOCATED WITHIN 12 FEET OF THE COOKING
12 SURFACE IS PROVIDED AND".
13 (39) *CHAPTER 24 AND CHAPTERS 34 THROUGH CHAPTER 43.*
14 DELETE THESE CHAPTERS, INCLUSIVE AND IN THEIR ENTIRETY.
15 (40) *SUBSECTION P2503.2 TESTING*
16 AFTER THE WORD "RELOCATION" DELETE THE REST OF THE SENTENCE.
17 (41) *SUBSECTION P2603.5.1 SEWER DEPTH*
18 (i) DELETE THE FIRST SENTENCE IN ITS ENTIRETY.
19 (ii) IN THE SECOND SENTENCE INSERT "30" IN PLACE OF THE WORD NUMBER
20 AND DELETE "(MM)".
21 (42) *SUBSECTION P2708.2 SHOWER DRAIN*
22 DELETE "1 1/2 INCHES [38 MM]" AND SUBSTITUTE "2 INCHES".
23 (43) *SECTION P3114 AIR ADMITTANCE VALVES*
24 DELETE THIS SECTION IN ITS ENTIRETY.
25 (44) *CHAPTER 32, TABLE P3201.7 SIZE OF TRAPS FOR PLUMBING FIXTURES:*
26 (i) IN THE ROW TITLED "SHOWER", IN THE ROW TITLED "FLOW RATE"
27 DELETE "5.7 GPM AND LESS" AND TRAP SIZE "1 1/2".
28 (ii) IN SECOND LINE UNDER "FLOW RATE", DELETE "MORE THAN 5.7 GPM"
29 AND START THE SENTENCE WITH "UP TO 12.3 GPM".
30 (45) *APPENDIX BG SECTION BG102.1 GENERAL.*
31 IN THE FIRST SENTENCE, DELETE "45" AND SUBSTITUTE "50".

(46) *APPENDIX BG SECTION BG103.1 GENERAL.*

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

SECTION 3.103. AMENDMENTS TO THE INTERNATIONAL MECHANICAL CODE, 2024 EDITION.

(A) *IN GENERAL.*

(1) AS USED IN THIS SECTION, THE TERM "THIS CODE" MEANS THE INTERNATIONAL MECHANICAL CODE, 2024 EDITION.

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

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

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

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

(1) *SUBSECTION 101.2 SCOPE.*

ADD A SECOND EXCEPTION TO THIS SUBSECTION AS FOLLOWS:

EXCEPTION: EXISTING BUILDINGS UNDERGOING REPAIR, ALTERATION, ADDITION, OR CHANGE OF OCCUPANCY MAY COMPLY WITH THE MARYLAND REHABILITATION CODE.

(2) *SUBSECTION 101.5 ADMINISTRATION.*

ADD NEW SUBSECTION 101.5 AFTER SUBSECTION 101.4 AS FOLLOWS:

101.5 ADMINISTRATION. SECTIONS 103 THROUGH 118 OF THE INTERNATIONAL BUILDING CODE, 2024 EDITION, ADOPTED IN THIS SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF THIS CODE.

(3) *SUBSECTION 101.6 REFERENCED CODES.*

ADD NEW SUBSECTION 101.6 AFTER SUBSECTION 101.5 AS FOLLOWS:

1 **101.6 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND
2 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE
3 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH
4 REFERENCE.

5 **101.6.1** WHENEVER IN THIS CODE THE TERM "*INTERNATIONAL BUILDING*
6 *CODE*" IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE
7 ADOPTED PURSUANT TO THIS SUBTITLE.

8 **101.6.2** WHENEVER IN THIS CODE THE TERM "*NFPA 70 NATIONAL*
9 *ELECTRICAL CODE*" IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR
10 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

11 **101.6.3** WHENEVER IN THIS CODE THE TERM "*INTERNATIONAL PLUMBING*
12 *CODE*" IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
13 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

14 **101.6.4** WHENEVER IN THIS CODE THE TERM "*INTERNATIONAL FIRE CODE*"
15 IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION CODE
16 ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY CODE.

17 **101.6.5** WHENEVER IN THIS CODE THE TERM "*INTERNATIONAL FUEL GAS*
18 *CODE*" IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
19 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

20 **101.6.6** WHENEVER IN THIS CODE THE TERM "*INTERNATIONAL ENERGY*
21 *CONSERVATION CODE*" IS USED, IT SHALL MEAN THE ENERGY
22 CONSERVATION CODE OF HOWARD COUNTY ADOPTED PURSUANT TO
23 SECTION 3.104 OF THIS SUBTITLE.

24 **101.6.7** WHENEVER THIS CODE STATES "1612 OF THE INTERNATIONAL
25 BUILDING CODE", IN EACH INSTANCE DELETE "1612 OF THE INTERNATIONAL
26 BUILDING CODE" AND SUBSTITUTE "SECTION 3115 OF THE HOWARD
27 COUNTY BUILDING CODE".

28 **101.6.8** WHENEVER IN THIS CODE THE TERM "*SWIMMING POOL & SPA*
29 *CODE*" IS USED, IT SHALL MEAN THE INTERNATIONAL SWIMMING POOLS &
30 SPA CODE OF THE HOWARD COUNTY CODE PURSUANT TO SUBTITLE 3 OF
31 THIS TITLE.

1 (4) *SUBSECTION 102.1 GENERAL.*

2 ADD AN EXCEPTION TO SUBSECTION 102.1 AS FOLLOWS:

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

8 (5) *SECTION 103 THROUGH SECTION 115.*

9 DELETE SECTION 103 THROUGH SECTION 115, INCLUSIVE AND IN THEIR
10 ENTIRETY.

11 (6) *SUBSECTION 301.16 FLOOD HAZARD.*

12 IN THE EXCEPTION TO THIS SUBSECTION, DELETE “*INTERNATIONAL BUILDING*
13 *CODE*” AND SUBSTITUTE “SECTION 3115 OF THE HOWARD COUNTY
14 BUILDING CODE.”

15 (7) *SUBSECTION 306.5*

16 IN THE FIRST SENTENCE, AFTER “INTERIOR”, DELETE “OR EXTERIOR”.

17 (8) *SUBSECTION 402.1 NATURAL VENTILATION.*

18 AFTER THE LAST SENTENCE, INSERT THE FOLLOWING:

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

21
22 **SECTION 3.104. AMENDMENTS TO THE INTERNATIONAL ENERGY CONSERVATION**
23 **CODE, 2024 EDITION.**

24 (A) *IN GENERAL.*

25 (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE
26 INTERNATIONAL ENERGY CONSERVATION CODE, 2024 EDITION.

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

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

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

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

4 DELETE THIS SUBSECTION AND INSERT THE FOLLOWING:

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

7 (2) *SUBSECTION C101.5 REFERENCED CODES.*

8 ADD NEW SUBSECTION C101.5 AFTER SUBSECTION C101.4 AS FOLLOWS:

9 **C101.5 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND
10 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE
11 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH
12 REFERENCE.

13 **C101.5.1** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL BUILDING*
14 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE
15 ADOPTED PURSUANT TO THIS SUBTITLE.

16 **C101.5.2** WHENEVER IN THIS CODE THE TERM “*NFPA 70 NATIONAL*
17 *ELECTRICAL CODE*” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR
18 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

19 **C101.5.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*
20 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
21 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

22 **C101.5.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE*
23 *CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION
24 CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY
25 CODE.

26 **C101.5.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*
27 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
28 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

29 **C101.5.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL*
30 *MECHANICAL CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF

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

3 (3) *SECTION C101.6 ADMINISTRATION.*

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

5 **C101.6 ADMINISTRATION:** SECTIONS 103 THROUGH 118 OF THE
6 INTERNATIONAL BUILDING CODE, 2024 EDITION, ADOPTED IN THIS
7 SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF
8 THIS CODE.

9 (4) *SECTIONS C103, C104, C106, C107, C108, C109 AND C110.*

10 DELETE SECTIONS C103, C104, C106, C107, C108, C109 AND C110,
11 INCLUSIVE AND IN THEIR ENTIRETY.

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

13 DELETE THE DEFINITION OF "CODE OFFICIAL".

14 (6) *SUBSECTION R 101.1 TITLE.*

15 DELETE THIS SUBSECTION AND INSERT THE FOLLOWING:

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

18 (7) *SUBSECTION R101.5 REFERENCED CODES.*

19 ADD NEW SUBSECTION R101.5 AFTER SUBSECTION R101.4 AS FOLLOWS:

20 **R101.5 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND
21 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE
22 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH
23 REFERENCE.

24 **R101.5.1** WHENEVER IN THIS CODE THE TERM "*INTERNATIONAL BUILDING*
25 *CODE*" IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE
26 ADOPTED PURSUANT TO THIS SUBTITLE.

27 **R101.5.2** WHENEVER IN THIS CODE THE TERM "*NFPA 70 NATIONAL*
28 *ELECTRICAL CODE*" IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR
29 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

R101.5.3 WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

R101.5.4 WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE CODE*” IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION CODE ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY CODE.

R101.5.5 WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

R101.5.6 WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL MECHANICAL CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF HOWARD COUNTY ADOPTED PURSUANT TO SECTION 3.103 OF THIS SUBTITLE.

(8) *SECTION R101.6 ADMINISTRATION.*

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

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

(9) *SECTIONS R103, R104, R106, R107, R108, R109 AND R110.*

DELETE SECTIONS R103, R104, R106, R107, R108, R109 AND R110, INCLUSIVE AND IN THEIR ENTIRETY.

(10) *SECTION R202 GENERAL DEFINITIONS.*

DELETE “CODE OFFICIAL” AND ITS DEFINITION.

SECTION 3.107 AMENDMENTS TO THE INTERNATIONAL SWIMMING POOL AND SPA CODE, 2024 EDITION.

(A) *IN GENERAL.*

- (1) AS USED IN THIS SECTION, THE TERM “THIS CODE” MEANS THE INTERNATIONAL SWIMMING POOL AND SPA CODE, 2024 EDITION.

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

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

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

8 (1) *SUBSECTION 101.1 TITLE.*

9 DELETE THIS SUBSECTION AND INSERT THE FOLLOWING:

10 **101.1 TITLE.** THESE REGULATIONS SHALL BE KNOWN AS THE SWIMMING
11 POOL AND SPA CODE OF HOWARD COUNTY.

12 (2) *SUBSECTION 101.2 SCOPE.*

13 IN THE FIRST SENTENCE DELETE "ALTERATION, MOVEMENT, REPLACEMENT,
14 REPAIR AND MAINTENANCE".

15 (3) *SUBSECTION 101.3 PURPOSE.*

16 AFTER "MATERIALS," STRIKE THE REMAINDER OF THE SENTENCE AND
17 INSERT "AND LOCATION OR USE OF POOLS AND SPAS".

18 (4) *SECTION 102 APPLICABILITY.*

19 DELETE SUBSECTION 102.3, MAINTENANCE, AND 102.4, ALTERATIONS OR
20 REPAIRS IN THEIR ENTIRETY.

21 (5) *SUBSECTION 102.7 REFERENCED CODES AND STANDARDS.*

22 DELETE THIS SECTION IN ITS ENTIRETY AND SUBSTITUTE:

23 **102.7 REFERENCED CODES.** THE CODES LISTED IN THIS SECTION AND
24 REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE
25 REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH
26 REFERENCE.

27 **102.7.1** WHENEVER IN THIS CODE THE TERM "*INTERNATIONAL BUILDING*
28 *CODE*" IS USED, IT SHALL MEAN THE HOWARD COUNTY BUILDING CODE
29 ADOPTED PURSUANT TO THIS SUBTITLE.

1 **102.7.2** WHENEVER IN THIS CODE THE TERM “*NFPA 70 NATIONAL*
2 *ELECTRICAL CODE*” IS USED, IT SHALL MEAN THE ELECTRICAL CODE FOR
3 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 2 OF THIS TITLE.

4 **102.7.3** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL PLUMBING*
5 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
6 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

7 **102.7.4** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FIRE CODE*”
8 IS USED, IT SHALL MEAN THE HOWARD COUNTY FIRE PREVENTION CODE
9 ADOPTED PURSUANT TO SECTION 17.104 OF THE HOWARD COUNTY CODE.

10 **102.7.5** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL FUEL GAS*
11 *CODE*” IS USED, IT SHALL MEAN THE PLUMBING AND GASFITTING CODE FOR
12 HOWARD COUNTY ADOPTED PURSUANT TO SUBTITLE 3 OF THIS TITLE.

13 **102.7.6** WHENEVER IN THIS CODE THE TERM “*INTERNATIONAL MECHANICAL*
14 *CODE*” IS USED, IT SHALL MEAN THE MECHANICAL CODE OF HOWARD
15 COUNTY ADOPTED PURSUANT TO SECTION 3.103 OF THIS SUBTITLE.

16 (6) *SECTIONS 103 THROUGH SECTION 114.*

17 DELETE SECTION 103 THROUGH SECTION 114, INCLUSIVE AND IN THEIR
18 ENTIRETY AND ADD NEW SUBSECTION 103 AS FOLLOWS:

19 **103. ADMINISTRATION:** SECTIONS 103 THROUGH 118 OF THE
20 INTERNATIONAL BUILDING CODE, 2024 EDITION, ADOPTED IN THIS
21 SUBTITLE, SHALL GOVERN THE ADMINISTRATION AND ENFORCEMENT OF
22 THIS CODE.

23 (7) *SUBSECTION 305.1 GENERAL:*

24 AFTER “ASTM F1346”, INSERT “AND APPROVED BY THE BUILDING
25 OFFICIAL”.

26 (8) *SUBSECTION 305.4 STRUCTURE WALL AS A BARRIER.*

27 IN ITEM #1, DELETE THE FIRST PART OF THE SENTENCE THROUGH “FLOOR.”.

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

Amendment 2 to Council Bill No. 24- 2025

BY: Christiana Rigby, Deb Jung, Liz Walsh, Opel Jones

Legislative Day 10
Date: July 7, 2025

Amendment No. 2

(This Amendment adopts by reference Appendix CF Energy Credits of the 2024 International Energy Conservation Code to be included in the Howard County Building Code.)

On page 55, immediately after line 13, insert the following:

“(6) SUBSECTION C.101.7 REFERENCED APPENDICES

ADD NEW SUBSECTION 101.7 AFTER C101.6 AS FOLLOWS:

C101.7 REFERENCED APPENDICES. THE APPENDIX LISTED IN THIS SECTION AND REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

C101.7.1 WHENEVER IN THIS CODE THE TERM “*ENERGY CREDITS*” IS USED, IT SHALL MEAN APPENDIX CF OF THE 2024 INTERNATIONAL ENERGY CONSERVATION CODE ADOPTED PURSUANT TO THIS SUBTITLE.”.

Renumber the remainder of the Section accordingly.

On page 58 in line 28, insert the following:

“SECTION 3.108 SEVERABILITY.

IF ANY PROVISION OF THIS SUBTITLE OR THE APPLICATION THEREOF TO ANY PERSON OR CIRCUMSTANCES IS HELD INVALID FOR ANY REASON BY A COURT OF COMPETENT JURISDICTION, THE INVALIDITY DOES NOT AFFECT OTHER PROVISIONS OR ANY OTHER APPLICATION OF THIS SUBTITLE WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID PROVISION OR APPLICATION, AND FOR THIS PURPOSE THE PROVISIONS OF THIS ACT ARE SEVERABLE.”.

Amendment 4 to Council Bill No. 24 - 2025

BY: Christiana Rigby, Deb Jung, Liz Walsh, Opel Jones

Legislative Day 10

Date: July 7, 2025

Amendment No. 4

(This Amendment adopts by reference Appendix CH Electric-Ready Commercial Building Provisions to the Howard County Building Code)

On page 55, immediately after line 13, insert the following:

“(6) SUBSECTION C.101.7 REFERENCED APPENDICES

ADD NEW SUBSECTION 101.7 AFTER C101.6 AS FOLLOWS:

C101.7 REFERENCED APPENDICES. THE APPENDIX LISTED IN THIS SECTION AND REFERENCED ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO THE PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

C101.7.1 WHENEVER IN THIS CODE THE TERM “*ELECTRIC-READY COMMERCIAL BUILDING PROVISIONS*” IS USED, IT SHALL MEAN APPENDIX CH OF THE 2024 INTERNATIONAL ENERGY CONSERVATION CODE ADOPTED PURSUANT TO THIS SUBTITLE.”.

Renumber the remainder of the Section accordingly.

On page 58 in line 28, insert the following:

“SECTION 3.108 SEVERABILITY.

IF ANY PROVISION OF THIS SUBTITLE OR THE APPLICATION THEREOF TO ANY PERSON OR CIRCUMSTANCES IS HELD INVALID FOR ANY REASON BY A COURT OF COMPETENT JURISDICTION, THE INVALIDITY DOES NOT AFFECT OTHER PROVISIONS OR ANY OTHER APPLICATION OF THIS SUBTITLE WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID PROVISION OR APPLICATION, AND FOR THIS PURPOSE THE PROVISIONS OF THIS ACT ARE SEVERABLE.”.

Amendment 5 to Council Bill No. 24- 2025

BY: Liz Walsh

Legislative Day 10

Date: July 7, 2025

Amendment No. 5

(This Amendment adopts by reference Appendix RG 2024 IECC Stretch Code of the 2024 International Energy Conservation Code to be included in the Howard County Building Code)

1 On page 56, in line 26, insert the following:

2 “(11) SUBSECTION R.101.7 REFERENCED APPENDICES.

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

4 **R.101.7 REFERENCED APPENDICES.** THE APPENDIX LISTED IN THIS SECTION AND REFERENCED
5 ELSEWHERE IN THIS CODE SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THIS CODE TO
6 THE PRESCRIBED EXTENT OF EACH SUCH REFERENCE.

7 **R101.7.1** WHENEVER IN THIS CODE THE TERM *ELECTRIC-READY RESIDENTIAL 2024 IECC STRETCH*
8 *CODE*” IS USED, IT SHALL MEAN APPENDIX RG OF THE 2024 INTERNATIONAL ENERGY
9 CONSERVATION CODE ADOPTED PURSUANT TO THIS SUBTITLE.”.

10 On page 58 in line 28, insert the following:

11 **“SECTION 3.108 SEVERABILITY.**

12 IF ANY PROVISION OF THIS SUBTITLE OR THE APPLICATION THEREOF TO ANY PERSON OR
13 CIRCUMSTANCES IS HELD INVALID FOR ANY REASON BY A COURT OF COMPETENT JURISDICTION,
14 THE INVALIDITY DOES NOT AFFECT OTHER PROVISIONS OR ANY OTHER APPLICATION OF THIS
15 SUBTITLE WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID PROVISION OR APPLICATION, AND
16 FOR THIS PURPOSE THE PROVISIONS OF THIS ACT ARE SEVERABLE.”.

17

BY THE COUNCIL

This Bill, having been approved by the Executive and returned to the Council, stands enacted on July 8, 2025.

Michelle R. Harrod
Michelle R. Harrod, Administrator to the County Council

BY THE COUNCIL

This Bill, having been passed by the yeas and nays of two-thirds of the members of the Council notwithstanding the objections of the Executive, stands enacted on _____, 2025.

Michelle R. Harrod, Administrator to the County Council

BY THE COUNCIL

This Bill, having received neither the approval nor the disapproval of the Executive within ten days of its presentation, stands enacted on _____, 2025.

Michelle R. Harrod, Administrator to the County Council

BY THE COUNCIL

This Bill, not having been considered on final reading within the time required by Charter, stands failed for want of consideration on _____, 2025.

Michelle R. Harrod, Administrator to the County Council

BY THE COUNCIL

This Bill, having been disapproved by the Executive and having failed on passage upon consideration by the Council stands failed on _____, 2025.

Michelle R. Harrod, Administrator to the County Council

BY THE COUNCIL

This Bill, the withdrawal of which received a vote of two-thirds (2/3) of the members of the Council, is withdrawn from further consideration on _____, 2025.

Michelle R. Harrod, Administrator to the County Council