

COUNTY COUNCIL
OF
HARFORD COUNTY, MARYLAND

BILL NO. 19-034

Introduced by Council President Vincenti at the request of the County Executive

Legislative Day No. 19-031 Date December 17, 2019

AN ACT to repeal and reenact, with amendments, Chapter 202, Plumbing, of the Harford County Code, as amended; to provide that Harford County shall adopt as its standard for plumbing regulations the 2018 International Plumbing Code, the 2018 International Fuel Gas Code and the 2018 International Residential Code, with certain amendments thereto; and generally relating to plumbing regulations in Harford County, Maryland.

By the Council, December 17, 2019

Introduced, read first time, ordered posted and public hearing scheduled

on: January 21, 2020

at: 6:30 PM

By Order: *Mylia A. Dixon* Council Administrator

PUBLIC HEARING

Having been posted and notice of time and place of hearing and title of Bill having been published according to the Charter, a public hearing was held on _____, and concluded on _____.

_____, Council Administrator

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW. [Brackets] indicate matter deleted from existing law. Underlining indicates language added to Bill by amendment. Language lined through indicates matter stricken out of Bill by amendment.

1 Section 1. Be It Enacted By The County Council of Harford County, Maryland that Chapter
2 202, Plumbing, of the Harford County Code, as amended, be, and it is hereby, repealed and
3 reenacted, with amendments, all to read as follows:

4 **Chapter 202. Plumbing**

5 **§ 202-1. Adoption of standards.**

6 A. The [2015]2018 International Plumbing Code (hereinafter referred to as the Plumbing
7 Code), is hereby adopted and, by reference thereto, is made a part of this chapter with the
8 same force and effect as though set out in full herein, except for such changes, amendments
9 and revisions as are specified in this chapter. At least 2 copies of the Plumbing Code and
10 supplements thereto are on file and open for public use, examination and inspection in the
11 office of the Director of Administration.

12 B. The International Fuel Gas Code, [2015]2018 Edition, as published by International Code
13 Council and American Gas Association, is hereby adopted and, by reference thereto, is
14 made a part of this chapter with the same force and effect as though set out in full herein,
15 save and except for such changes, amendments and revisions as are specified in this
16 chapter. At least 2 copies of the standards and supplements thereto are on file and open for
17 public use, examination and inspection in the office of the Director of Administration.

18 C. The [2015]2018 International Residential Code, CHAPTERS 20, 21, 22, 24, PART VI
19 FUEL GAS AND Part VII, Plumbing, is hereby adopted and, by reference thereto, is made
20 a part of this chapter with the same force and effect as though set out in full herein, save
21 and except for such changes, amendments and revisions as are specified in this chapter. At
22 least 2 copies of the standards and supplements thereto are on file and open for public use,
23 examination and inspection in the office of the Director of Administration.

24 **§ 202-2. Purpose.**

25 The purpose of this chapter is to provide practical plumbing and gas fitting requirements to
26 safeguard persons and gas fitting conditions in Harford County.

27 **§ 202-3. Scope and applicability.**

1 The provisions of this chapter shall apply to and govern plumbing and gas fitting work performed
2 in Harford County and are designed to safeguard persons and property.

3 **§ 202-4. Certificate of registration.**

4 A. No person shall provide plumbing and/or gas fitting services in Harford County unless that
5 person holds a valid certificate of registration issued by the [Division of Plumbing
6 Services] DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS.

7 B. To qualify for a certificate of registration, the applicant shall have been issued a license or
8 certificate of registration by:

9 (1) The Maryland State Board of Plumbing; or

10 (2) The Baltimore County Plumbing Board or the Washington Suburban Sanitary
11 Commission; or

12 (3) The Harford County Plumbing Board.

13 C. Master plumber and master natural gas fitter's certificate of registration. Any applicant for
14 a master certificate to perform plumbing or natural gas fitting work shall provide the
15 [Division of Plumbing Services] DEPARTMENT OF INSPECTIONS, LICENSES AND
16 PERMITS with the following minimum information:

17 (1) Current license number issued by the Maryland State Board of Plumbing or other
18 accepted jurisdiction; and

19 (2) A current certificate of insurance in an amount equal to or greater than the amount
20 required by the Maryland State Board of Plumbing.

21 D. Journey plumber and journey natural gas fitter's certificate of registration. Any applicant
22 for a journey certificate to perform plumbing or natural gas fitting work shall provide the
23 [Division of Plumbing Services] DEPARTMENT OF INSPECTIONS, LICENSES AND
24 PERMITS with the current license number issued by the Maryland State Board of
25 Plumbing or other accepted jurisdiction.

26 E. Apprentice plumber and apprentice natural gas fitter's certificate of registration. Any
27 applicant for an apprentice certificate to provide assistance to a registered master plumber

1 or natural gas fitter shall provide the [Division of Plumbing Services] DEPARTMENT OF
2 INSPECTIONS, LICENSES AND PERMITS with the current certificate of registration
3 issued by the Maryland State Board of Plumbing or other accepted jurisdiction. The fee to
4 obtain an apprentice plumber or an apprentice natural gas fitter certificate shall be \$5.

5 F. Propane gas fitter’s certificate of registration. Any applicant for a propane gas certificate
6 shall provide the [Division of Plumbing Services] DEPARTMENT OF INSPECTIONS,
7 LICENSES AND PERMITS with the following minimum information:

8 (1) Current license number issued by the Maryland State Board of Plumbing or other
9 accepted jurisdiction; and

10 (2) A current certificate of insurance in an amount equal to or greater than the amount
11 required by the Maryland State Board of Plumbing.

12 G. Well pump/water conditioner installer’s certificate of registration. Any applicant for a well
13 pump/water conditioner installer’s certificate shall provide the [Division of Plumbing
14 Services] DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS with the
15 following minimum information:

16 (1) Current Maryland State well pump/water conditioner installer’s license; and

17 (2) A current certificate of insurance in an amount equal to or greater than the amount
18 required by the Maryland State Board of Plumbing.

19 H. On-site utility contractor’s certificate of registration. This certificate shall be issued to a
20 person who is deemed qualified by the Harford County Plumbing Board to install on-site
21 water service piping, sewer and storm drainage piping from the property line to any
22 structure on such property. Any applicant for an on-site utility contractor’s certificate shall
23 demonstrate a minimum of 5 years of supervisory experience in the utility contractor trade
24 and certification in OSHA requirements for confined spaces and OSHA Subpart “P” in
25 trench safety by an entity deemed acceptable by the Harford County Plumbing Board or
26 have a license or certificate from another jurisdiction which is determined by the
27 Department of Inspections, Licenses and Permits to have equivalent certification

1 requirements. The applicant shall provide the [Division of Plumbing Services]
2 DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS with the following
3 minimum information:

- 4 (1) A current business address and telephone number; and
- 5 (2) A current certificate of insurance in an amount equal to or greater than the amount
6 required by the Maryland State Board of Plumbing.

7 The Board, in its discretion, may require a written test to determine proficiencies within the
8 scope of the foregoing certificate. The Department of Inspections, Licenses and Permits
9 shall require either a utility contractor or a journey utility installer holding a valid Harford
10 County certificate of registration on all work sites to direct and control installations. All
11 utility contractors on site shall have, on their person, a current certificate of completion of
12 training in confined spaces and Subpart “P” in trench safety. The fee to obtain an on-site
13 utility contractor’s certificate shall be \$45.

14 I. On-site journey utility installer’s certificate of registration. This certificate shall be issued
15 to a person who is deemed qualified by the Harford County Plumbing Board to install on-
16 site water service piping, sewer and storm drainage piping from the property line to any
17 structure on such property under the direction and control of a certified utility contractor.
18 Any applicant for an on-site journey utility contractor’s certificate shall demonstrate a
19 minimum of 2 years’ experience in the utility construction trade and training in OSHA
20 requirements for confined spaces and OSHA Subpart “P” in trench safety by an entity
21 deemed acceptable by the Harford County Plumbing Board or have a certificate from
22 another jurisdiction which is determined by the Department of Inspections, Licenses and
23 Permits to have equivalent certification requirements. The applicant shall provide the
24 [Division of Plumbing Services] DEPARTMENT OF INSPECTIONS, LICENSES AND
25 PERMITS with the following minimum information:

- 26 (1) Name of current employer with employer’s address and telephone number; and
- 27 (2) A current photo id.

1 The Board, in its discretion, may require a written test to determine proficiencies within the
2 scope of the foregoing certificate. The Department of Inspections, Licenses and Permits
3 shall require a certified utility contractor or a certified journey utility installer holding a
4 valid Harford County certificate of registration on all work sites to direct and control
5 installations. All journey utility installers on site shall have, on their person, a current
6 certificate of completion of training in confined spaces and Subpart “P” in trench safety.
7 The fee for a journey utility installer’s certificate shall be \$15.

8 J. Septic installer’s certificate of registration. This certificate shall be issued to a person who
9 is deemed qualified by the Harford County Plumbing Board to install sewage disposal
10 systems. Any applicant for a septic installer’s certificate shall demonstrate a minimum of 5
11 years of supervisory experience in the construction of sewage disposal systems and
12 certification in OSHA requirements for confined spaces and OSHA Subpart “P” in trench
13 safety by an entity deemed acceptable by the Harford County Plumbing Board or have a
14 certificate from another jurisdiction which is determined by the Department of Inspections,
15 Licenses and Permits to have equivalent certification requirements. The applicant shall
16 provide the [Division of Plumbing Services] DEPARTMENT OF INSPECTIONS,
17 LICENSES AND PERMITS with the following minimum information:

- 18 (1) A current business address and telephone number;
- 19 (2) A current certificate of insurance in an amount equal to or greater than the amount
20 required by the Maryland State Board of Plumbing; and
- 21 (3) A current photo id.

22 The Board, in its discretion, may require a written test to determine proficiencies within the
23 scope of the foregoing certificate. The Department of Inspections, Licenses and Permits
24 shall require a certified septic installer or a certified journey septic installer holding a valid
25 Harford County certificate of registration on all work sites to direct and control
26 installations. All septic installers on site shall have, on their person, a current certificate of
27 completion of training in confined spaces and Subpart “P” in trench safety. The fee for a

1 septic installer's certificate shall be \$45.

2 K. Journey septic installer's certificate. This certificate shall be issued to a person who is
3 deemed qualified by the Harford County Plumbing Board to install sewage disposal
4 systems under the direction and control of a certified septic installer. Any applicant for a
5 journey septic installer's certificate shall demonstrate a minimum of 2 years' experience in
6 the installation of sewage disposal systems and training in OSHA requirements for
7 confined spaces and OSHA Subpart "P" in trench safety by an entity deemed acceptable by
8 the Harford County Plumbing Board or have a certificate from another jurisdiction which is
9 determined by the Department of Inspections, Licenses and Permits to have equivalent
10 certification requirements. Such applicant shall provide the [Division of Plumbing
11 Services] DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS with the
12 following information:

13 (1) Name of current employer with employer's address and telephone number; and

14 (2) A current photo id.

15 The Board, in its discretion, may require a written test to determine proficiencies within the
16 scope of the forgoing certificate. The Department of Inspections, Licenses and Permits
17 shall require a certified septic installer or a certified journey septic installer holding a valid
18 Harford County certificate of registration on all work sites to direct and control
19 installations. All journey septic installers on site shall have, on their person, a current
20 certificate of completion of training in confined spaces and Subpart "P" in trench safety.

21 The fee for a journey septic installer's certificate shall be \$15.

22 L. Fees for certificate of registration and exams. Unless provided in this chapter, fees shall be
23 as set forth in Chapter 157 of the Harford County Code, as amended.

24 M. All master plumber, master natural gas fitter, propane gas fitter, journey plumber, journey
25 natural gas fitter certificates of registration issued pursuant to this section shall expire on
26 April 30 of each even-numbered year, and all such certificates shall be issued for a 2-year
27 period. All apprentice plumber, apprentice natural gas fitter, on-site utility, journeyperson

1 utility, septic, journeyman septic and well pump/water conditioner installer certificates
2 issued pursuant to this section shall expire on October 31 of each even-numbered year.

3 N. The Department of Inspections, Licenses and Permits may, in its discretion, suspend or
4 revoke the certificate of registration of any person who makes a false or misleading
5 statement in an application; who sells, lends or otherwise permits the improper use of a
6 certificate of registration or who obtains permits for others to do plumbing, gas fitting or
7 on-site sewage disposal work; who fails to maintain a regular place of business; whose
8 license or certificate, on which registration is based, has been suspended or revoked; or
9 who commits any violation of Chapter 202 of the Harford County Code, as amended.

10 O. Upon receipt of written requests directed to the Department of Inspections, Licenses and
11 Permits, the Department of Inspections, Licenses and Permits, in its discretion, may
12 suspend or revoke the certificate of registration of any person who commits a violation of
13 Chapter 202 of the Harford County Code, as amended, or any other law or regulation
14 governing the conduct of plumbing, gas fitting or sewage disposal.

15 (1) No certificate shall be suspended or revoked except after a hearing before the
16 Department of Inspections, Licenses and Permits of which the certificate holder
17 shall receive at least 5 days' notice, in writing, together with a statement of the
18 charges. Following the hearing, the Department of Inspections, Licenses and
19 Permits may revoke or suspend any certificate of registration for such period of
20 time as it may find proper.

21 (2) In the event of a revocation, no application for the reinstatement of a revoked
22 certificate of registration shall be considered until the expiration of 6 months from
23 the date of such revocation. At the end of such 6-month period, the Department of
24 Inspections, Licenses and Permits may, in its discretion, reinstate a revoked
25 certificate.

26 P. Any holder of a certificate of registration shall notify the Department of Inspections,
27 Licenses and Permits immediately of any changes in location of business, employer,

1 license or certificate status or phone number.

2 Q. Any certificate of insurance required to be submitted under this section shall provide that in
3 the event the insurance required under this chapter is cancelled, the insurer shall notify the
4 Harford County [Division of Plumbing Services] DEPARTMENT OF INSPECTIONS,
5 LICENSES AND PERMITS within 10 days after the date of cancellation.

6 **§ 202-5. Permit applicants.**

7 A. No work regulated by this chapter shall be commenced without a permit issued by the
8 Department of Inspections, Licenses and Permits or, in the case of septic installers, issued
9 by the Harford County Health Department. Only a master plumber, master natural gas
10 fitter, well pump/water conditioner installer, on-site utility contractor or septic installer
11 shall be eligible to apply for permits authorized by this chapter.

12 B. A plumbing permit issued in accordance with § 202-5A of this chapter may be issued to the
13 owner of a single-family dwelling occupied exclusively by the owner as his/her primary
14 residence upon the following conditions:

- 15 (1) All work must be performed in accordance with this chapter; and
- 16 (2) The owner shall be tested and qualified by the Department of Inspections, Licenses
17 and Permits; and
- 18 (3) The owner shall sign an affidavit agreeing to comply with all applicable provisions
19 of this chapter and attesting that the location in which the work will be performed is
20 the applicant's primary residence.
- 21 (4) Final connection to a municipal water or sewer system shall be made only by a
22 registered master plumber.
- 23 (5) The owner shall not perform work on fuel gas piping or appliances.

24 C. The Department of Inspections, Licenses and Permits may cancel a permit at the written
25 request of the property owner or his/her agent upon satisfactory compliance with the
26 following requirements:

- 27 (1) The Department of Inspections, Licenses and Permits has forwarded a copy of the

1 written request to the permit holder.

2 (2) A permit may not be canceled for a minimum of 7 business days commencing after
3 notification to the permit holder UNLESS THE PARTIES AGREE TO WAIVE
4 THE WAITING PERIOD OR THE BUILDING OFFICIAL DETERMINES
5 THAT EXTENUATING CIRCUMSTANCES EXIST THAT WARRANT
6 MODIFICATION OF THE WAITING PERIOD.

7 (3) In cases where work has commenced and has not been completed, the Department
8 shall perform an onsite inspection and certify that the work performed to date has
9 been deemed to not pose a threat to the public health, safety and welfare.

10 (4) In cases where the work has not been completed, a permit shall be applied for by an
11 individual approved under § 82-7 of this Code. The applicant shall also submit an
12 assumption agreement, if applicable, for the remainder of the work. Assumption
13 agreements shall be completed on a form provided by the Department.

14 **§ 202-6. Change of registered contractors.**

15 Upon written notification by a master plumber, master natural gas fitter, water pump contractor,
16 on-site utility contractor or septic installer to the Department of Inspections, Licenses and Permits
17 and, in the case of a septic permit, to the Harford County Health Department, a permit may be
18 canceled upon satisfactory compliance with the following requirements:

19 A. A minimum 7 working day waiting period commencing the day that the [Division of
20 Plumbing Services] DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS or,
21 in the case of a sewage disposal permit, the Harford County Health Department receives
22 the cancellation request UNLESS THE PARTIES AGREE TO WAIVE THE WAITING
23 PERIOD OR THE BUILDING OFFICIAL DETERMINES THAT EXTENUATING
24 CIRCUMSTANCES EXIST THAT WARRANT MODIFICATION OF THE WAITING
25 PERIOD; and

26 B. The [Division of Plumbing Services] DEPARTMENT OF INSPECTIONS, LICENSES
27 AND PERMITS certifies that the work performed to date is Code compliant and that the

1 work has been deemed not to pose a threat to the health, safety or welfare of the public; and

- 2 C. In the case where another registered contractor will be performing the remainder of the
 3 work, the new registered contractor shall submit to the [Division of Plumbing Services]
 4 DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS an assumption
 5 agreement on a form provided by the Department prior to a new permit being issued.

6 **§ 202-7. Plans and specifications.**

7 All plans and specifications required herein shall be prepared by a registered professional engineer
 8 licensed to do business in the State of Maryland, except that a master plumber, master natural gas
 9 fitter, on-site utility contractor or septic installer holding a valid certificate of registration in
 10 Harford County may design plumbing, gas fitting or sewage disposal systems for their own
 11 installation. Each set of plans and specifications submitted shall have thereon the name and
 12 address of the designer and certification by the designer that the plans and specifications have been
 13 prepared in accordance with this chapter. The plans and specifications shall be submitted to the
 14 Department of Inspections, Licenses and Permits and shall include thereon complete design criteria
 15 and supporting calculations.

16 **§ 202-8. Inspection of plumbing, gas fitting and sewage disposal systems.**

- 17 A. The [Division of Plumbing Services] DEPARTMENT OF INSPECTIONS, LICENSES
 18 AND PERMITS shall cause the inspection, during the course of construction and upon
 19 completion of the construction, of all plumbing and gas fitting for which a plumbing or gas
 20 permit, other than an annual inspection permit, is required. The Harford County Health
 21 Department shall cause the inspection, during the course of construction and upon
 22 completion of the construction, of all sewage disposal systems for which a sewage disposal
 23 permit, other than an annual inspection permit, is required. If any defects are found, the
 24 Department of Inspections, Licenses and Permits, or in the case of sewage disposal system
 25 installation, the Harford County Health Department, shall have the authority to order such
 26 plumbing, gas fitting or sewage disposal system to be corrected to comply with the
 27 provisions of this Code. It shall be unlawful for any person to cover or enclose from view

1 any portions of a plumbing, gas fitting or sewage disposal system prior to the time that the
2 [Division of Plumbing Services] DEPARTMENT OF INSPECTIONS, LICENSES AND
3 PERMITS or the Harford County Health Department has inspected and approved it. The
4 [Division of Plumbing Services] DEPARTMENT OF INSPECTIONS, LICENSES AND
5 PERMITS or, in the case of sewage disposal system installation, the Harford County
6 Health Department shall prepare a written report of any such inspection and will maintain
7 such report in an appropriate file.

- 8 B. No potable well water service line or well for potable water supply shall be covered or
9 enclosed from view prior to inspection by the [Division of Plumbing Services]
10 DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS. The service line and
11 all underground fittings connected thereto shall be tested for leaks and overall integrity
12 prior to covering and enclosing the line.

13 **§ 202-9. Piping through adjacent property.**

14 Sewer, water and gas piping shall not be connected or installed through property other than the
15 property to be served except as provided herein. Plumbing or gas piping connections which cannot
16 be made except by crossing nonserviced property may, with the permission of the Department of
17 Inspections, Licenses and Permits, be carried through an easement across nonserviced property,
18 provided that:

- 19 A. An easement is obtained by the property owner desiring service, without cost or liability to
20 Harford County; and
21 B. The easement meets all applicable regulatory requirements; and
22 C. The easement shall be granted and conveyed by plat or formal deed recorded in the land
23 records of Harford County.

24 **§ 202-10. Modifications.**

- 25 A. Definitions.

26 (1) As used in this Code, the term “authority having jurisdiction” means the Harford
27 County Department of Inspections, Licenses and Permits.

1 (2) AS USED IN THIS CODE, THE TERM “CODE OFFICIAL” MEANS THE
2 DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND
3 PERMITS OR HIS/HER DESIGNEE.

4 (3) AS USED IN THIS CODE, THE TERM “DEPARTMENT OF PLUMBING
5 INSPECTION” MEANS THE DEPARTMENT OF INSPECTIONS, LICENSES
6 AND PERMITS.

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

9 B. The following sections are changes or additions to certain sections of the [2015]2018
10 International Plumbing Code:

11 (1) Subsection 101.1, Title, is [hereby] amended by substituting the words “Harford
12 County, Maryland” for the words “[name of jurisdiction]”.

13 [(2) Subsection 103.1, General, is hereby amended by deleting “The Department of
14 Plumbing Inspection is hereby created and the executive official in charge
15 thereof” starting in the first line and inserting, in lieu thereof, “The Director of the
16 Department of Inspections, Licenses and Permits”.]

17 (2) SUBSECTION 103.1, GENERAL, IS DELETED IN ITS ENTIRETY.

18 (3) SUBSECTION 103.2, APPOINTMENT, IS AMENDED BY ADDING “AND
19 THE DEPUTY CODE OFFICIAL” AFTER THE WORD “OFFICIAL” IN THE
20 FIRST LINE.

21 (4) SUBSECTION 103.3, DEPUTIES, IS AMENDED BY DELETING “CODE
22 OFFICIAL” IN THE THIRD LINE AND INSERTING IN LIEU THEREOF
23 “DEPARTMENT OF BUILDING SAFETY” AND BY DELETING “A
24 DEPUTY CODE OFFICIAL, OTHER” IN THE FOURTH LINE.

25 (5) SUBSECTION 103.4, LIABILITY, IS AMENDED BY ADDING “, A
26 MEMBER OF THE HARFORD COUNTY PLUMBING BOARD” AFTER THE
27 WORD “APPEALS” IN THE SECOND LINE.

1 (6) SUBSECTION 105.2, ALTERNATIVE MATERIALS, DESIGN AND
2 METHODS OF CONSTRUCTION AND EQUIPMENT, IS DELETED AND
3 THE FOLLOWING IS INSERTED IN LIEU THEREOF:

4 **“105.2 ALTERNATIVE MATERIALS, METHODS AND EQUIPMENT.**
5 THE PROVISIONS OF THIS CODE ARE NOT INTENDED TO PREVENT
6 THE INSTALLATION OF ANY MATERIAL OR TO PROHIBIT ANY
7 METHOD OF CONSTRUCTION NOT SPECIFICALLY PRESCRIBED BY
8 THIS CODE, PROVIDED THAT ANY SUCH ALTERNATIVE HAS BEEN
9 APPROVED. AN ALTERNATIVE MATERIAL OR METHOD OF
10 CONSTRUCTION SHALL BE APPROVED WHERE THE CODE OFFICIAL
11 FINDS THAT THE PROPOSED ALTERNATIVE MATERIAL, METHOD OR
12 EQUIPMENT COMPLIES WITH THE INTENT OF THE PROVISIONS OF
13 THIS CODE AND IS NOT LESS THAN THE EQUIVALENT OF THAT
14 PRESCRIBED IN THIS CODE. WHERE THE ALTERNATIVE MATERIAL,
15 DESIGN OR METHOD OF CONSTRUCTION IS NOT APPROVED, THE
16 CODE OFFICIAL SHALL RESPOND IN WRITING, STATING THE
17 REASONS WHY THE ALTERNATIVE WAS NOT APPROVED.”

18 (7) SUBSECTIONS 106.1.1, ANNUAL PERMIT, AND 106.1.2, ANNUAL
19 PERMIT RECORDS, ARE DELETED IN THEIR ENTIRETY.

20 [(3)](8) Subsection 106.3, Application for permit, is [hereby] amended by adding “IN
21 WRITING OR ELECTRONICALLY” AFTER THE WORD “FURNISHED” IN
22 THE THIRD LINE AND BY ADDING “who shall meet the requirements of §
23 202-5[A] of this chapter” after the word “agent” in the sixth line.

24 [(4)](9) Subsection 106.3.1, Construction drawings, is [hereby] amended by adding “All
25 plans shall be prepared in accordance with § 202-7 of this chapter.” in the fourth
26 line after “for a permit.”

27 [(5)](10) New Subsection 106.3.4 is added as follows:

1 **“106.3.4 Emergency work.** When work of an emergency nature, other than
2 sewage disposal work, must be performed to rectify a condition that is potentially
3 unsanitary or hazardous to life, health or property, the master plumber, master
4 natural gas fitter, water pump contractor or on-site utility contractor, as the case
5 may be, may undertake such work prior to the issuance of a permit, but he or she
6 shall notify the authority having jurisdiction over the emergency and shall obtain
7 a permit for doing such work within 48 hours of the commencement of the work.”

8 [(6) Subsection 106.5.3, Expiration, is hereby amended by deleting “180” in the fourth
9 line and inserting, in lieu thereof, “365”.

10 (7) Subsection 106.5.3, Expiration, is hereby amended by deleting “one-half the
11 amount required for a new permit for such work” starting in the ninth line and
12 inserting, in lieu thereof, “in accordance with Chapter 157 of the Harford County
13 Code, as amended”.]

14 (11) SUBSECTION 106.5.3, EXPIRATION, IS DELETED AND THE FOLLOWING
15 IS INSERTED IN LIEU THEREOF:

16 **“106.5.3 EXPIRATION.** EVERY PERMIT ISSUED BY THE CODE
17 OFFICIAL UNDER THE PROVISIONS OF THIS CODE SHALL EXPIRE BY
18 LIMITATION AND BECOME NULL AND VOID IF THE WORK
19 AUTHORIZED BY SUCH PERMIT IS NOT COMMENCED WITHIN 1 YEAR
20 FROM THE DATE OF SUCH PERMIT, OR IF THE WORK AUTHORIZED
21 BY SUCH PERMIT IS SUSPENDED OR ABANDONED AT ANY TIME
22 AFTER THE WORK IS COMMENCED FOR A PERIOD OF 180 DAYS.”

23 (12) SUBSECTION 106.5.4, EXTENSIONS, IS AMENDED BY DELETING THE
24 LAST TWO SENTENCES.

25 (13) NEW SUBSECTION 106.5.5.1 IS ADDED AS FOLLOWS:

26 **“106.5.5.1 WITHHOLDING PERMITS.** THE BUILDING OFFICIAL MAY
27 WITHHOLD THE ISSUANCE OF A PLUMBING OR FUEL GAS PERMIT IF

1 THE APPLICANT HAS FAILED TO REMEDY OR CORRECT ANY
2 VIOLATIONS OF THIS CODE ON ANY PREVIOUS PERMITS WITHIN 90
3 CALENDAR DAYS FROM THE TIME FOR WHICH THE APPLICANT HAS
4 BEEN CITED BY THE DEPARTMENT OF BUILDING SAFETY.”

5 (14) SUBSECTION 106.5.7, PREVIOUS APPROVALS, IS AMENDED BY
6 DELETING THE LANGUAGE BEGINNING WITH THE “,” IN THE FIFTH
7 LINE DOWN THROUGH THE WORD “ABANDONED” IN THE SEVENTH
8 LINE.

9 [(8) Subsection 106.6.1 is deleted and the following is inserted in lieu thereof:

10 “**106.6.1 Fee schedule.** The fees for all plumbing work, including permit fees,
11 plan review, inspections and re-inspections, shall be charged in accordance with
12 Chapter 157 of the Harford County Code, as amended.”

13 (9) Subsections 106.6.2 and 106.6.3 are deleted and the following is inserted in lieu
14 thereof:

15 “**106.6.2 Refunding of fees.** Fees shall be refunded in accordance with Chapter
16 157 of the Harford County Code, as amended.”]

17 (15) SUBSECTION 106.6.1, WORK COMMENCING BEFORE PERMIT
18 ISSUANCE, IS AMENDED BY DELETING THE LANGUAGE BEGINNING
19 WITH “100” IN THE FOURTH LINE DOWN THROUGH THE WORD “FEES”
20 IN THE FIFTH LINE AND INSERTING IN LIEU THEREOF “A FEE
21 ESTABLISHED BY THE CODE OFFICIAL THAT SHALL BE IN ADDITION
22 TO THE REQUIRED PERMIT FEES UNLESS WAIVED BY THE CODE
23 OFFICIAL PURSUANT TO ESTABLISHED POLICY”.

24 (16) SUBSECTIONS 106.6.2 AND 106.6.3 ARE DELETED AND THE
25 FOLLOWING IS INSERTED IN LIEU THEREOF:

26 “**106.6.2 FEE SCHEDULE.** THE FEES FOR ALL PLUMBING AND FUEL
27 GAS WORK SHALL BE IN ACCORDANCE WITH CHAPTER 157 OF THE

1 HARFORD COUNTY CODE, AS AMENDED.

2 **106.6.3 FEE REFUNDS.** REFUNDS SHALL BE ADMINISTERED IN
3 ACCORDANCE WITH CHAPTER 157 OF THE HARFORD COUNTY CODE,
4 AS AMENDED.”

5 (17) SUBSECTION 108.1, UNLAWFUL ACTS, IS AMENDED BY ADDING “OR
6 FUEL GAS” AFTER THE WORD “PLUMBING” IN THE THIRD LINE.

7 ~~[(10)]~~(18) Subsection 108.4, Violation penalties, is [hereby] amended by deleting “[specify
8 offense], punishable by a fine of not more than [amount] dollars or by
9 imprisonment not exceeding [number of days], or both such fine and
10 imprisonment.” in the seventh line and inserting in lieu thereof “misdemeanor
11 and, upon conviction, shall be subject to a fine of not more than \$1,000 or
12 imprisonment for not more than 3 months, or both.”.

13 ~~[(11)]~~(19) Subsection 108.5, Stop work orders, is [hereby] amended by deleting “OF NOT
14 LESS THAN [amount] dollars or more than [amount] dollars” in the fourteenth
15 line and inserting[, in lieu thereof, “\$250 or more than \$1,000.”] IN LIEU
16 THEREOF “AS STIPULATED IN CHAPTER 157 OF THE HARFORD
17 COUNTY CODE, AS AMENDED.”.

18 (20) SUBSECTION 108.7, UNSAFE PLUMBING, IS AMENDED BY ADDING
19 “OR FUEL GAS” AFTER THE WORD “PLUMBING” IN THE TITLE ON THE
20 FIRST LINE, AND BY ADDING “OR FUEL GAS SYSTEM” AFTER THE
21 WORD “PLUMBING” IN THE FIRST LINE.

22 (21) SUBSECTION 108.7.1, AUTHORITY TO CONDEMN EQUIPMENT, IS
23 AMENDED BY ADDING “OR FUEL GAS SYSTEM” AFTER THE WORD
24 “PLUMBING” IN THE SECOND LINE OF THE FIRST PARAGRAPH AND
25 IN THE FIRST LINE OF THE SECOND PARAGRAPH.

26 ~~[(12)]~~(22) Subsection 109.1, Application for appeal, is [hereby] amended by adding
27 “[created under] AS ESTABLISHED IN SECTION 113 OF Chapter 82 of the

1 Harford County Code” after “Board of Appeals” in the SECOND AND third [and
2 fourth] lines.

3 [(13)](23) Subsections 109.2 through 109.7 are deleted.

4 [(14)](24) Section 202, General definitions, is [hereby] amended by deleting the definition
5 of “plumbing” and inserting the following in lieu thereof:

6 **“PLUMBING.** The practice, materials and fixtures used in the installation,
7 maintenance, extension, alteration and removal of all piping, plumbing fixtures,
8 plumbing appliances and plumbing appurtenances in connection with any of the
9 following: sanitary drainage, storm facilities, venting systems, public or private
10 water supply systems, within or adjacent to any building structure or conveyance,
11 also the practice and materials used in the installation, maintenance, extension,
12 alteration or removal of stormwater, refrigeration and air conditioning drainage,
13 liquid waste or sewage, and water supply, of any premises to their connection
14 with the water supply system or to an acceptable disposal facility. ‘Plumbing’
15 also means the practice and materials in the installation, repair, service and
16 replacement of gas piping, gas utilization equipment and associated accessories.

17 Except for the initial connection to a potable water supply downstream of the
18 backflow preventer and the final connection that discharges indirectly into a
19 public or private disposal system, the following are excluded from the definition:
20 all piping, equipment or material used exclusively for environmental control, for
21 incorporation of liquids or gases into any product or process for use in the
22 manufacturing or storage of any product, including product development, or for
23 the installation, alteration, repair or removal of automatic sprinkler systems
24 installed for fire protection only or their related appurtenances or standpipes
25 connected to automatic sprinkler systems or overhead or underground fire lines
26 beginning at a point where water is used exclusively for fire protection.”

27 [(15)](25) Section 202, General definitions, is [hereby] amended by adding the definition of

1 “plumbing board” between the terms “plumbing appurtenance” and “plumbing
2 fixture”.

3 **“PLUMBING BOARD.** The Harford County Plumbing Board as defined in §
4 16-7 of the Harford County Code, as amended.”

5 (26) SECTION 202, GENERAL DEFINITIONS, IS AMENDED BY MODIFYING
6 THE TERM “VENT STACK” TO READ AS FOLLOWS: “VENT STACK
7 PROVIDES POSITIVE PRESSURE RELIEF FROM THE BASE OF
8 INDIVIDUAL DRAIN STACKS HAVING 5 OR MORE BRANCH
9 INTERVALS.”.

10 [(16)](27) Subsection 301.3, Connections to drainage system, is [hereby] amended by
11 adding the following to the end of the sixth line:

12 “The drainage system of any building in which plumbing fixtures are installed
13 shall be connected to a public sewer system if the public sewer system is within
14 10 feet of any property line of the premises, or other reasonable distance as
15 determined by the authority having jurisdiction.”

16 [(17)](28) Subsection 301.4, Connections to water supply, is [hereby] amended by adding
17 the following to the end of the fifth line:

18 “The water distribution system of any building in which plumbing fixtures are
19 installed shall be connected to a public water supply system if the public water
20 system is within 10 feet of any property line of the premises, or other reasonable
21 distance as determined by the authority having jurisdiction.”

22 [(18)](29) New Subsection 404.2.1 is added as follows:

23 **“404.2.1 Maryland Accessibility Code.** Plumbing fixtures, materials and
24 clearances for those fixtures shall be accessible to individuals with disabilities as
25 specified in the Maryland Accessibility Code, COMAR [05.02.02]09.12.53, et
26 seq.”

27 [(19)](30) New Subsection 405.3.6 is added as follows:

1 **“405.3.6 Faucet installations.** Fiberglass or plastic tub and shower enclosures
2 cannot be installed with faucets back-to-back unless approved by the authority
3 having jurisdiction.”

4 [(20)](31) Subsection 504.6, Requirements for discharge piping, is [hereby] amended by
5 deleting Item 5 and inserting in lieu thereof “Discharge to a waste receptor or to
6 the outdoors”.

7 [(21)](32) Subsection 504.7, Required pan, is [hereby] amended by adding the words “,
8 clothes washing machine” after the word “heater” in the first line.

9 [(22)](33) New Section 603.3 is added as follows:

10 **“603.3 Water meters.** Each dwelling unit which meets the definition of a
11 “dwelling, carriage court” contained in § 267-4 of the Harford County Code, as
12 amended, shall be provided with a private, individual water meter.”

13 (34) NEW SUBSECTION 603.4 IS ADDED AS FOLLOWS:

14 **“603.4 UNDERGROUND NON-METALLIC WATER SERVICE.**
15 UNDERGROUND NON-METALLIC WATER SERVICE PIPING SHALL BE
16 MADE DETECTABLE BY THE INSTALLATION OF TRACER WIRING
17 THAT COMPLIES WITH PUBLIC UTILITIES ARTICLE, § 12-129 OF THE
18 ANNOTATED CODE OF MARYLAND. THE WIRE SHALL BE AN
19 INSULATED COPPER TRACER WIRE SUITABLE FOR DIRECT BURIAL,
20 AT LEAST 10 AWG, OR EQUIVALENT. INSULATION SHALL BE 30 MIL
21 MINIMUM THICKNESS, HMWPE OR HDPE POLYETHYLENE, COLOR
22 CODED BLUE. THE WIRE SHALL BE INSTALLED IN THE SAME
23 TRENCH AS THE PIPING, TIED OR TAPED TO THE PIPE EVERY 5 TO 8
24 FEET IN THE 3 O’CLOCK POSITION OR INSTALLED WITHIN 12 INCHES
25 OF THE PIPE IN FILL. ONE END OF THE WIRE SHALL TERMINATE
26 WITHIN 5 FEET OF THE BUILDING SERVED, AT OR ABOVE GRADE,
27 ACCESSIBLE FOR USE, AND RESISTANT TO PHYSICAL DAMAGE.

1 TRACER WIRING INSTALLATIONS SHALL BE TESTED BY LOCATION
2 WITH LINE TRACING EQUIPMENT UPON COMPLETION OF ROUGH
3 GRADING AND AGAIN PRIOR TO FINAL ACCEPTANCE.”

4 [(23)](35) Subsection 604.8 is deleted and the following is inserted in lieu thereof:

5 “**604.8 Water pressure reducing valve or regulator.** When connected to a
6 public water supply system, an approved pressure-reducing valve shall be
7 installed in the building water service pipe near its point of entrance to the
8 building. Pressure to the building water distribution piping shall be limited to a
9 maximum pressure of 80 p.s.i. under no-flow conditions. The water distribution
10 piping shall be relieved of excessive pressure due to thermal expansion by one of
11 the following methods:

- 12 1. Air chambers when equipped with an accessible means for restoring the
13 air.
- 14 2. Approved mechanical devices. Pressure at any fixture shall be limited to
15 no more than 80 p.s.i. under no-flow conditions.

16 **Exception:** Where the water service pipe supplies water directly to:

- 17 1. A water pressure booster system; or
- 18 2. An elevated water gravity tank; or
- 19 3. Pumps provided in connection with a hydropneumatic or elevated gravity
20 water supply tank system.”

21 [(24)](36) Subsection 605.3 is deleted and the following is inserted in lieu thereof:

22 “**605.3 Water service pipe.** Approved water service pipe to the point of entrance
23 of a building, including piping to the pressure-reducing valve, shall have a
24 minimum pressure rating of 200 p.s.i., 73°F. Acceptable materials for a water
25 service include brass pipe, copper tube or copper pipe, cast iron water pipe,
26 polyethylene plastic tubing and chlorinated polyvinyl chloride service pipe.
27 Copper tube or copper pipe, when used underground, may not be less than Type

1 L. All threaded ferrous pipe and fittings shall be galvanized or cement lines and,
2 when used underground in corrosive soil or filled ground, shall be coal tar enamel
3 coated, or the equivalent, and threaded joints shall be coated and wrapped when
4 installed.”

5 [(25)](37)New Subsection 605.3.2 is added as follows:

6 “**605.3.2 Backflow prevention on commercial properties.** For a commercial
7 property with multiple tenants, the water service for each tenant space shall be
8 separate and shall have a testable backflow preventer installed.”

9 [(26)](38)Subsection 605.4 is deleted and the following is inserted in lieu thereof:

10 “**605.4 Water distribution pipe.** Water distribution pipe shall be of brass pipe,
11 copper tube or copper pipe, galvanized steel pipe, polyethylene and chlorinated
12 polyvinyl plastic when approved for hot or cold use. Copper tube or copper pipe,
13 when used underground, may not be less than Type L and, when used
14 aboveground, may not be less than Type M.”

15 (39) SUBSECTION 605.5, FITTINGS, IS AMENDED BY ADDING “PUSH-FIT
16 JOINTS SHALL NOT BE INSTALLED BELOW GRADE.” AFTER THE LAST
17 SENTENCE IN THE SEVENTH LINE.

18 (40) SUBSECTION 606.2, LOCATION OF SHUTOFF VALVES, IS AMENDED BY
19 ADDING “AND/OR HOSE BIB” AFTER THE WORD “SILLCOCK” IN
20 NUMBERED PARAGRAPH 2.

21 (41) SUBSECTION 607.2, HOT OR TEMPERED WATER SUPPLY TO
22 FIXTURES, IS AMENDED BY DELETING “50” IN THE FOURTH LINE
23 AND INSERTING IN LIEU THEREOF “75”.

24 (42) SUBSECTION 607.3, THERMAL EXPANSION CONTROL, IS AMENDED
25 BY ADDING THE FOLLOWING AT THE END OF THE PARAGRAPH:

26 “**EXCEPTION:** (1) INSTANTANEOUS WATER HEATERS.

27 (2) WELL SYSTEMS WITH WATER PRESSURE TANKS.”

1 (43) NEW SUBSECTION 703.7 IS ADDED AS FOLLOWS:

2 **“703.7 BUILDING SANITARY SEWER TRACER WIRING.**
3 UNDERGROUND BUILDING SANITARY SEWER NON-METALLIC
4 PIPING SHALL BE MADE DETECTABLE BY THE INSTALLATION OF
5 TRACER WIRING THAT COMPLIES WITH PUBLIC UTILITIES ARTICLE,
6 § 12-129 OF THE ANNOTATED CODE OF MARYLAND. THE WIRE
7 SHALL BE AN INSULATED COPPER TRACER WIRE SUITABLE FOR
8 DIRECT BURIAL, AT LEAST 10 AWG, OR EQUIVALENT. INSULATION
9 SHALL BE 30 MIL MINIMUM THICKNESS, HMWPE OR HDPE
10 POLYETHYLENE, COLOR CODED GREEN. THE WIRE SHALL BE
11 INSTALLED IN THE SAME TRENCH AS THE PIPING, TIED OR TAPED TO
12 THE PIPE EVERY 5 TO 8 FEET IN THE 3 O’CLOCK POSITION OR
13 INSTALLED WITHIN 12 INCHES OF THE PIPE IN FILL. ONE END OF
14 THE WIRE SHALL TERMINATE WITHIN 5 FEET OF THE BUILDING
15 SERVED, AT OR ABOVE GRADE, ACCESSIBLE FOR USE, AND
16 RESISTANT TO PHYSICAL DAMAGE. TRACER WIRING
17 INSTALLATIONS SHALL BE TESTED BY LOCATION WITH LINE
18 TRACING EQUIPMENT UPON COMPLETION OF ROUGH GRADING AND
19 AGAIN PRIOR TO FINAL ACCEPTANCE.”

20 (44) TABLE 710.1(2) IS AMENDED BY DELETING NOTE “B.” AND
21 INSERTING IN LIEU THEREOF THE FOLLOWING:

22 “B. THE SIZE OF THE DRAIN STACK SHOULD BE MAINTAINED
23 FULL-SIZE TO ITS STACK VENT TO PROVIDE THE AIR
24 ASSOCIATED WITH THE HIGH VELOCITY DRAIN FLOW THAT
25 THE VENT STACK IS RELIEVING AT ITS BASE.”

26 (45) SUBSECTION 714.1, SEWAGE BACKFLOW, IS AMENDED BY ADDING
27 “OR PRIVATE” AFTER THE WORD “PUBLIC” IN THE FOURTH, EIGHTH

1 AND TWELFTH LINE.

2 (46) SUBSECTION 904.3, VENT TERMINATION, IS AMENDED BY DELETING
3 “TO THE OPEN AIR OR TO A STACK-TYPE AIR ADMITTANCE VALVE
4 IN ACCORDANCE WITH SECTION 918” IN THE SECOND AND THIRD
5 LINES.

6 (47) SUBSECTION 918.3.1 IS DELETED.

7 (48) SUBSECTION 918.3.2, STACK, IS AMENDED BY DELETING “OR STACK
8 VENTS” IN THE THIRD LINE.

9 (49) SUBSECTION 918.8, PROHIBITED INSTALLATIONS, IS AMENDED BY
10 DELETING THE THIRD SENTENCE OF THE PARAGRAPH.

11 [(27)](50) Subsection 1002.4.1.4 is deleted.

12 [(28)](51) Subsection 1003.3.1, Grease interceptors and automatic grease removal devices
13 required, is amended by adding, prior to the word “A” in the second line, “Except
14 in special cases as determined by the authority having jurisdiction”.

15 [(29)](52) Subsection 1003.3.1, Grease interceptors and automatic grease removal devices
16 required, is amended by inserting the following new sentence after “to be
17 discharged” in the fourteenth line: “Upon request by the Harford County Health
18 Department, the owner of the establishment shall provide a copy of a pumping
19 contract or pumping receipts for the interceptor. The minimum size of a grease
20 interceptor shall be 1,000 gallons. The grease interceptor shall be located outside
21 of the building unless otherwise determined by the authority having jurisdiction.
22 The discharge from a commercial dishwasher shall not pass through a grease
23 interceptor unless approved by the authority having jurisdiction.”

24 [(30)](53) Subsection 1003.3.1, Grease interceptors and automatic grease removal devices
25 required, is amended by inserting the following new sentence at the end of the
26 subsection: “Where installed inside a building, a grease interceptor shall be
27 located in a separate room which has outside access.”

1 [(31)](54)New Subsection 1101.10 is added as follows:

2 “**1101.10 Parking and fuel island storm drainage.** On parking lots, fuel islands
3 or parking garages where oil waste product is subject to mixing with rain water,
4 ice and melting snow, drains for the run off shall not be connected to the sanitary
5 sewer. Any stormwater run off shall be drained separately to the storm sewer.”

6 (55) SUBSECTION 1202.1, NONFLAMMABLE MEDICAL GASES, IS AMENDED
7 BY DELETING NUMBERED EXCEPTION “2.”.

8 C. The following sections are changes or additions to certain sections of the [2015]2018
9 International Fuel Gas Code:

10 (1) Subsection 101.1, Title, is [hereby] amended by deleting “[name of jurisdiction]”
11 and replacing with “Harford County, Maryland”.

12 (2) Subsection 101.3, Appendices, is [hereby] deleted and the following is inserted in
13 lieu thereof:

14 “**101.3 Appendices.** The provisions of Appendix A, Appendix B, Appendix C
15 and Appendix D are hereby adopted as part of this code.”

16 [(3) Subsection 103.1, General, is hereby amended by deleting “The Department of
17 Inspection is hereby created and the executive official in charge thereof” starting
18 in the first line and inserting, in lieu thereof, “The Director of the Department of
19 Inspections, Licenses and Permits”.

20 (4) Subsections 103.2 through 103.4 are hereby deleted and the following is inserted
21 in lieu thereof:

22 “**103.2 Deputy.** The code official shall have the authority to designate an
23 employee of the Department of Inspections, Licenses and Permits as a deputy
24 code official, for purposes of enforcing this code.”

25 (5) Subsection 104.2, Applications and permits, is amended by adding “and rules and
26 regulations adopted in accordance with Section 807 of the Harford County
27 Charter” after the words “of this code” in the sixth line.

- 1 (6) Subsection 106.3.1, Construction documents, is amended by deleting “by a
 2 registered design professional when required by state law” and replacing with “in
 3 accordance with § 202-7 of this chapter”.
- 4 (7) New Subsection 106.3.3 is added as follows:
 5 “**106.3.3 Applicants.** Only an individual holding a certificate of registration in
 6 accordance with § 202-5 of this chapter shall be eligible to make application for a
 7 permit to do work governed by this code.”
- 8 (8) Subsection 106.5.3, Expiration, is amended by deleting “180 days” in the fourth
 9 line and replacing with “1 year”.
- 10 (9) Subsection 106.5.3, Expiration, is amended by deleting “one-half the amount
 11 required for a new permit” in the eighth line and replacing with “in accordance
 12 with Chapter 157 of the Harford County Code, as amended”.
- 13 (10) Subsections 106.1.1 through 106.1.2 are deleted.
- 14 (11) Subsection 106.6.1, Work commencing before permit issuance, is amended by
 15 deleting “100 percent of the usual permit fee in addition to the required” in the
 16 fourth line and replacing with “the fees prescribed in Chapter 157 of the Harford
 17 County Code, as amended”.
- 18 (12) Subsection 106.6.2, Fee schedule, is amended by deleting “the following
 19 schedule. [jurisdiction to insert appropriate schedule]” and replacing with
 20 “Chapter 157 of the Harford County Code, as amended”.
- 21 (13) Subsection 106.6.3, Fee refunds, is deleted and the following is inserted in lieu
 22 thereof:
 23 “**106.5.3 Fee refunds.** All refunds of permit fees shall be in accordance with
 24 Chapter 157 of the Harford County Code, as amended.”
- 25 (14) Subsection 108.4, Violation penalties, is amended by deleting “[specify offense]”
 26 in the sixth line, “[amount]” in the seventh line and “[number of days]” in the
 27 eighth line and replacing with “misdemeanor”, “\$1,000.00” and “3 months”

1 respectively.

2 (15) Subsection 108.5, Stop work orders, is amended by deleting “liable for a fine of
3 not less than [amount] dollars or more than [amount] dollars” in the thirteenth line
4 and replacing with “subject to the violation penalties prescribed in Section 108.4
5 of this code”.

6 (16) Subsection 109.1, Application for appeal, is hereby amended by adding “created
7 under Chapter 82 of the Harford County Code” after “Board of Appeals” in the
8 third and fourth lines.

9 (17) Subsections 109.2 through 109.7 are deleted.]

10 (3) NEW SUBSECTION 102.12 IS ADDED AS FOLLOWS:

11 **“102.12 ALTERNATIVE COMPLIANCE.** WHEN APPROVED BY THE
12 DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, GAS
13 INSTALLATIONS MAY COMPLY WITH NFPA 58.”

14 (4) SECTIONS 103 THROUGH 110 ARE DELETED AND THE FOLLOWING IS
15 INSERTED IN LIEU THEREOF:

16 “ADMINISTRATION OF THE 2018 INTERNATIONAL FUEL GAS CODE
17 SHALL BE IN ACCORDANCE WITH § 202-10B(1) OF THIS CODE.”

18 [(18) Section 202 (IFGC), General definitions, is amended by deleting the definition of
19 “code official” and replacing with the following:

20 **“CODE OFFICIAL.** The Director of the Harford County Department of
21 Inspections, Licenses and Permits or his/her designee.”

22 (19) Section 202 (IFGC), General definitions, is amended by adding the following
23 definition of “Department of Inspection” between the terms “demand” and
24 “design flood elevation”:

25 **“DEPARTMENT OF INSPECTION.** The Harford County Department of
26 Inspections, Licenses and Permits.”]

27 [(20)](5) Section 202 (IFGC), General definitions, is amended by adding the following

1 definition of “Plumbing Board” between the terms “plumbing appurtenance” and
2 “plumbing fixture”:

3 **“PLUMBING BOARD.** The Harford County Plumbing Board as defined in §16-
4 7 of the Harford County Code, as amended.”

5 (6) SUBSECTION 310.1, PIPE AND TUBING OTHER THAN CSST, IS
6 AMENDED BY ADDING “FOR EXISTING GAS PIPING INSTALLATIONS,”
7 AT THE BEGINNING OF THE SECOND SENTENCE BEFORE THE WORD
8 “GAS”.

9 (7) SUBSECTION 310.3, ARC-RESISTANT CSST, IS DELETED.

10 D. THE FOLLOWING SECTIONS ARE CHANGES OR ADDITIONS TO CERTAIN
11 SECTIONS OF THE 2018 INTERNATIONAL RESIDENTIAL CODE:

12 (1) THE FOLLOWING APPENDICES OF THE 2018 INTERNATIONAL
13 RESIDENTIAL CODE ARE HEREBY ADOPTED: APPENDICES A
14 THROUGH 3, APPENDIX I AND APPENDIX P.

15 (2) TABLE P2906.4, WATER SERVICE PIPE, IS AMENDED BY DELETING “M”
16 IN THE FIFTH LINE.

17 (3) SUBSECTION P2906.4.1 IS AMENDED BY DELETING “5 FEET” IN THE
18 EIGHTH AND TWELFTH LINES AND INSERTING IN LIEU THEREOF “12
19 INCHES”.

20 (4) NEW SUBSECTION P2906.4.2 IS ADDED AS FOLLOWS:

21 **“P2906.4.2 UNDERGROUND NON-METALLIC WATER SERVICE.**

22 UNDERGROUND NON-METALLIC WATER SERVICE PIPING SHALL BE
23 MADE DETECTABLE BY THE INSTALLATION OF TRACER WIRING
24 THAT COMPLIES WITH PUBLIC UTILITIES ARTICLE, § 12-129 OF THE
25 ANNOTATED CODE OF MARYLAND. THE WIRE SHALL BE AN
26 INSULATED COPPER TRACER WIRE SUITABLE FOR DIRECT BURIAL,
27 AT LEAST 10 AWG, OR EQUIVALENT. INSULATION SHALL BE 30 MIL

1 MINIMUM THICKNESS, HMWPE OR HDPE POLYETHYLENE, COLOR
 2 CODED BLUE. THE WIRE SHALL BE INSTALLED IN THE SAME TRENCH
 3 AS THE PIPING, TIED OR TAPED TO THE PIPE EVERY 5 TO 8 FEET IN
 4 THE 3 O’CLOCK POSITION OR INSTALLED WITHIN 12 INCHES OF THE
 5 PIPE IN FILL. ONE END OF THE WIRE SHALL TERMINATE WITHIN 5
 6 FEET OF THE BUILDING SERVED, AT OR ABOVE GRADE, ACCESSIBLE
 7 FOR USE, AND RESISTANT TO PHYSICAL DAMAGE. TRACER WIRING
 8 INSTALLATIONS SHALL BE TESTED BY LOCATION WITH LINE
 9 TRACING EQUIPMENT UPON COMPLETION OF ROUGH GRADING AND
 10 AGAIN PRIOR TO FINAL ACCEPTANCE.”

11 (5) SUBSECTION P2906.21 IS AMENDED BY ADDING “PUSH-FIT JOINTS
 12 SHALL NOT BE INSTALLED BELOW GRADE.” AT THE END OF THE
 13 SECTION.

14 (6) NEW SUBSECTION P3002.2.2 IS ADDED AS FOLLOWS:

15 **“P3002.2.2 BUILDING SANITARY SEWER TRACER WIRING.**
 16 UNDERGROUND BUILDING SANITARY SEWER NON-METALLIC PIPING
 17 SHALL BE MADE DETECTABLE BY THE INSTALLATION OF TRACER
 18 WIRING THAT COMPLIES WITH PUBLIC UTILITIES ARTICLE, § 12-129
 19 OF THE ANNOTATED CODE OF MARYLAND. THE WIRE SHALL BE AN
 20 INSULATED COPPER TRACER WIRE SUITABLE FOR DIRECT BURIAL,
 21 AT LEAST 10 AWG, OR EQUIVALENT. INSULATION SHALL BE 30 MIL
 22 MINIMUM THICKNESS, HMWPE OR HDPE POLYETHYLENE, COLOR
 23 CODED GREEN. THE WIRE SHALL BE INSTALLED IN THE SAME
 24 TRENCH AS THE PIPING, TIED OR TAPED TO THE PIPE EVERY 5 TO 8
 25 FEET IN THE 3 O’CLOCK POSITION OR INSTALLED WITHIN 12 INCHES
 26 OF THE PIPE IN FILL. ONE END OF THE WIRE SHALL TERMINATE
 27 WITHIN 5 FEET OF THE BUILDING SERVED, AT OR ABOVE GRADE,

1 ACCESSIBLE FOR USE, AND RESISTANT TO PHYSICAL DAMAGE.
2 TRACER WIRING INSTALLATIONS SHALL BE TESTED BY LOCATION
3 WITH LINE TRACING EQUIPMENT UPON COMPLETION OF ROUGH
4 GRADING AND AGAIN PRIOR TO FINAL ACCEPTANCE.”

5 (7) SUBSECTION P3201.2.1.4 IS DELETED.

6 (8) SUBSECTION P3114.8 IS AMENDED BY DELETING THE FIRST
7 SENTENCE.

8 **§ 202-11. ON-SITE UTILITY CONSTRUCTION.**

9 ON-SITE UTILITY CONSTRUCTION REGULATED BY THE DEPARTMENT OF
10 INSPECTIONS, LICENSES AND PERMITS THAT IS NOT COVERED BY THE
11 PROVISIONS OF § 202-10B OF THIS CHAPTER SHALL COMPLY WITH THE HARFORD
12 COUNTY WATER AND SEWER REGULATIONS.

13 **§ 202-12. EMPLOYEE RESTRICTIONS.**

14 AN OFFICIAL OR EMPLOYEE CONNECTED WITH THE DEPARTMENT OF
15 INSPECTIONS, LICENSES AND PERMITS, EXCEPT ONE WHOSE ONLY CONNECTION
16 IS THAT OF A MEMBER OF THE BOARD OF APPEALS, ESTABLISHED UNDER THE
17 PROVISIONS OF APPENDIX B OF CHAPTER 82 OF THE HARFORD COUNTY CODE, A
18 MEMBER OF THE HARFORD COUNTY ELECTRICAL BOARD, A MEMBER OF THE
19 HARFORD COUNTY PLUMBING BOARD OR A MEMBER OF THE HARFORD COUNTY
20 MECHANICAL BOARD, SHALL NOT BE COMPENSATED IN ANY MANNER, DIRECTLY
21 OR INDIRECTLY, FOR THE FURNISHING OF LABOR, MATERIALS OR APPLIANCES
22 FOR THE CONSTRUCTION, ALTERATION OR MAINTENANCE OF A BUILDING, OR
23 FOR THE PREPARATION OF CONSTRUCTION DOCUMENTS THEREOF, NOR SHALL
24 SUCH OFFICIAL OR EMPLOYEE ENGAGE IN ANY WORK THAT CONFLICTS WITH
25 THE INTEREST OF THE DEPARTMENT.

26 Section 2. And Be It Further Enacted that this Act shall take effect 60 calendar days from the
27 date it becomes law.

EFFECTIVE:

The Council Administrator does hereby certify that seven (7) copies of this Bill are immediately available for distribution to the public and the press.



Council Administrator

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