



Bill No. 23-05

Concerning: Amendments to Chapter 1-14 of the
Frederick County Code (Plumbing Ordinance)

Introduced February 7, 2023

Revised: _____ Draft No. _____

Enacted: _____

Effective: _____

Expires: May 8, 2023

Frederick County Code, Chapter 1-14

Section(s) 56, 57, 58, & 93

COUNTY COUNCIL FOR FREDERICK COUNTY, MARYLAND

By: Council Member M.C. Keegan-Ayer

AN ACT to: Update Chapter 1-14 of the Frederick County Code (Plumbing) to add provisions prohibiting the use of certain materials in the construction of fuel gas piping systems in certain buildings; to bring the Frederick County Plumbing Code into compliance with the 2018 International Plumbing Code; and to incorporate by reference the Cross Connection Regulations, which are part of the Frederick County Water and Sewer Regulations.

Date Council Approved: _____ Date Transmitted to Executive: _____

Executive: _____ Date Received: _____

Approved: _____ Date: _____

Vetoed: _____ Date: _____

Date returned to Council by County Executive with no action: _____

By amending:

Frederick County Code, 1-14 Section(s) 56, 57, 58, & 93

Other: _____

Boldface	<i>Heading or defined term.</i>
<u>Underlining</u>	<i>Added to existing law.</i>
[Single boldface brackets]	<i>Deleted from existing law.</i>
***	<i>Existing law unaffected by bill.</i>

1 The County Council of Frederick County, Maryland, finds it necessary and appropriate to
2 amend Chapter 1-14 of the Frederick County Code (Plumbing) to add provisions to the Frederick
3 County Plumbing Code prohibiting the use of certain materials in the construction of fuel gas
4 piping systems in certain buildings; to bring the Plumbing Code into compliance with the 2018
5 International Plumbing Code; and to incorporate by reference the Cross Connection Control
6 regulations, which are part of the Frederick County Water and Sewer Regulations.

7
8 NOW, THEREFORE, BE IT ENACTED BY THE COUNTY COUNCIL OF
9 FREDERICK COUNTY, MARYLAND, that the Frederick County Code be, and it is hereby,
10 amended as shown on the attached Exhibit 1.

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Brad W. Young, President
County Council of Frederick County,
Maryland

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CHAPTER 1-14: PLUMBING

ARTICLE IV: PLUMBING CODE (§§ 1-14-56 — 1-14-89)

§ 1-14-56. ADOPTION. The County hereby adopts:

(A) ~~[There is hereby adopted by the county t]~~ Those certain plumbing regulations known as the 2018 Edition of the International Plumbing Code, and the whole thereof; and the same is hereby adopted, ratified and incorporated as fully as if set out at length herein subject to the local amendments described below in § 1-14-57; and

(B) Those certain fuel and gas regulations known as the 2018 International Fuel Gas Code and generally relating to fuel gas piping systems; and

(C) Section 12-206 of the Public Safety Article of the Maryland Code, prohibiting the use of certain materials in the construction of fuel gas piping systems in certain buildings.

§ 1-14-57. AMENDMENTS.

The International Plumbing Code is hereby amended and changed as described and shown below.

Section 101 is hereby amended as follows:

101.2 Scope. The exception is hereby deleted.

Section 103 is hereby deleted in its entirety.

Section 104 is hereby amended as follows:

104.2 Applications and Permits. The administrative authority shall receive applications and issue permits for the installation and alteration of plumbing systems, inspect the premises for which such permits have been issued, and enforce compliance with the provisions of this code.

Section 106 is hereby deleted in its entirety.

Section 108 is hereby deleted in its entirety.

Section 109 is hereby deleted in its entirety.

Section 202 is hereby amended as follows:

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1 Administrative Authority: Is the Director of the Department of Permits and Inspections,
2 or an authorized agent of the Director.

3 Building Drain: That part of the lowest piping of a drainage system that receives the
4 discharge from soil, waste and other drainage pipes inside and that extends five (5) feet
5 (1524 mm) beyond the walls of the building and conveys the drainage to the building
6 sewer.

7 *Subsection 305.4* is hereby amended as follows:

8 305.4 Freezing. A water, soil or waste pipe shall not be installed outside of a building,
9 in attics or crawl spaces; concealed in outside walls, or in any other place subjected to
10 freezing temperature unless adequate provision is made to protect them from freezing by
11 insulation or heat or both. Water service pipe shall be installed not less than thirty-six (36)
12 inches (915 mm) deep or less than six (6) inches (152 mm) below the frost line.

13 [~~Subsection 305.4.1, Sewer depth is hereby deleted in its entirety.~~]

14 *Subsection 305.4.1, Sewer depth is hereby amended by adding the following text.*

15 (a) *Building sewers that connect to private sewage disposal systems shall be installed*
16 *not less than 12 inches below finished grade at the point of septic tank*
17 *connection. Building sewers shall be installed not less than 12 inches below*
18 *grade.*

19 [~~Subsection 312.10.1 is hereby deleted in its entirety.~~] *Subsection 312.10.2* is hereby
20 amended by adding the following text.

21 (a) Copies of test reports for the initial installation shall be sent to the administrative
22 authority and the water supplier. Copies of annual test reports shall be sent to the water
23 supplier.

24 (b) Testing, inspection and repair of devices shall be performed by certified
25 individuals approved by an agency acceptable to the administrative authority. Certification
26 for testing shall be in accordance with a nationally recognized accredited training
27 program. Certification shall include not less than 32 hours of combined classroom and
28 practice training and successful completion of a written and practical examination.

29 (c) Double check valves and reduced pressure principal valves: Such devices shall
30 be installed at not less than 12 inches above the floor with the maximum of 60 inches
31 above floor. All test reports shall be made on Frederick County forms and the device shall
32 be tagged with a Frederick County pink card.

33 (d) Where a continuous water supply is critical and cannot be interrupted for the
34 periodic testing of a backflow prevention device, multiple backflow prevention devices or
35 other means of maintaining a continuous supply shall be provided.

36 *Subsection 403.1.1* is hereby amended by adding the following text.

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1 (a) In new construction for assembly and mercantile occupancies, an accessible
2 unisex toilet may be provided where an aggregate of six or more male or female water
3 closets are required. In buildings of mixed occupancy, those water closets required for
4 the assembly or mercantile portion of the occupancy would be used to determine the
5 ability to make use of the unisex toilet room option. The inclusion of the one accessible
6 unisex toilet room shall be allowed to replace both one male and one female toilet.

7 (b) Unisex toilet rooms shall comply with this section and the requirements for
8 accessible toilet rooms as per standards prescribed in the International Building Code,
9 except where a more stringent requirement is found in COMAR 05.02.02 Maryland
10 Accessibility Code.

11 (c) Unisex toilet rooms shall be located on an accessible route. Unisex toilet rooms
12 shall be located not more than one story above or below separate-sex toilet rooms. The
13 accessible route from any separate-sex toilet rooms to a unisex toilet room shall not
14 exceed 500 feet/152.4m.

15 (d) Unisex toilet rooms shall be designated by accessible signs. Directional signage
16 shall be provided at all separate-sex toilet rooms indicating the location of the nearest
17 unisex toilet room.

18 *Section 404 is hereby deleted in its entirety.*

19 *New section 404 to read as follows:*

20 *Section 404 Accessible Plumbing Facilities:* Plumbing fixtures and installation shall
21 conform to the requirements of the International Building Code except where a more
22 stringent requirement is found in the Code of Maryland Regulations 05.02.02 Maryland
23 Accessibility Code.

24 *Section 410.1 is hereby amended as follows:*

25 *410.1 Approval.* Drinking fountains shall conform to ASME A112.19.1, ASME
26 A112.19.2, or ASME A112.19.9M, and water coolers shall conform to ARI 1010. Drinking
27 fountains and water coolers shall conform to NSF 61, Section 9. Where water is served
28 in restaurants, drinking fountains shall not be required. In other occupancies where
29 drinking fountains are required, water coolers or bottled water dispensers shall not be
30 permitted to be substituted for the required drinking fountains.

31 *Subsection 412.4 Public Laundries, Central Washing Facilities, Commercial Kitchens,*
32 *and Toilet Rooms is hereby amended to add the following text:*

33 Floor drains shall be located in toilet rooms containing two (2) or more water closets
34 or a combination of one water closet and one urinal, except in dwelling units. Floor drains
35 shall be required in commercial kitchens.

36 *Subsection 415 is hereby amended to add the following new subparagraphs:*

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1 **415.3 Prohibited locations.** Laundry trays and mop sinks shall not be located in, nor
2 accessed through, public restrooms.

3 **415.4 Wall area.** The wall area around mop sink basins shall be constructed of smooth
4 waterproof materials to a minimum height of 36", but no less than the height of the faucet.
5 Waterproofing materials of epoxy or paint coatings are prohibited.

6 ~~[Subsection 417.1 is hereby amended to add the following text~~
7 ~~—Fiberglass or plastic tub and shower enclosures cannot be installed with faucets back~~
8 ~~to back unless approved by administrative authority.]~~

9 **Subsection 419.3** is hereby amended to add the following text:

10 Waterproofing materials of epoxy or paint coatings are prohibited.

11 **Section 501.2** is hereby deleted in its entirety.

12 **New subsection 501.2** to read as follows:

13 **501.2 Water heater as space heater.**

14 (a) The installation of any system or equipment utilizing water heaters to provide
15 heat must be installed by a person who is licensed to perform the work in Maryland and
16 who has obtained the necessary local permits for such installations.

17 (b) This section is applicable to:

18 1. A combination heating system, which is installed as a unit and incorporates a
19 water heater as an integral part of the system, to provide the primary heat source to the
20 dwelling;

21 2. Pieces of equipment sold as an add-on to an existing heating system for the
22 purpose of providing supplemental heat, and are attached to a water heater containing
23 water, which may later be expected to be used as potable water.

24 (c) All installations shall comply with the following:

25 1. Combination water/space heating equipment, materials and components shall
26 be suitable for use with potable water and listed for such use;

27 2. Water heaters, piping and components connected for a space heating
28 application shall be properly sized and installed according to manufacturer's instructions;

29 3. Water heaters used in combination water/space heating systems shall be listed
30 as complying with American National Standards (ANSI) Z21.101, Z21.10.3 or UL732, as
31 applicable;

32 4. A water temperature control valve shall be installed with every installation
33 utilizing a combination water heating/space heating system application to limit domestic
34 hot water temperature safe for ordinary domestic use by individuals;

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1 5. The installer must disinfect and certify the water system whenever required by
2 the administrative authority under Section 610 of International Plumbing Code;

3 6. The system shall be equipped with a means for periodic circulation between the
4 water heater and the exchanger during off seasons;

5 7. An acceptable means shall be provided to prevent thermal circulation through
6 the exchanger during off seasons, except circulation necessary to comply with
7 subparagraph (6);

8 8. A copy of the documentation to support the requirements of these subparagraphs
9 shall be available for an Inspector's review during inspections and shall remain with the
10 unit;

11 9. For all such devices used in Maryland, an informational sheet shall be provided
12 that outlines all of the requirements of this subsection.

13 [~~Subsection 603.2 is hereby deleted in its entirety. New subsection 603.2 to read as~~
14 ~~follows:~~

15 ~~603.2 Separation of water service and building sewer. The water service pipe and~~
16 ~~building drain or building sewer shall not have less than one foot horizontal distance~~
17 ~~between the piping.]~~

18 *Subsection 605.3* is hereby amended to add the following text:

19 All copper tube used underground shall be Type K copper. When using insert fittings
20 on plastic water service the size of the pipe shall be no less than one inch. The fittings
21 used shall be made of brass or stainless steel and shall be used with stainless steel
22 bands. Delete from Table 605.3 water service pipe type L, WL, M or WM copper tubing.
23 A minimum diameter of a one inch pipe shall be used for connection from submersible
24 pump to a storage tank as part of a well system installation.

25 *Table 605.4* is hereby amended to delete the following text:

26 Type M or WM copper tube.

27 *Subsection 606.1, Location of full-open valves,* is hereby amended to add a new
28 subparagraph:

29 9. After the tee for the connection to the sprinkler system on the domestic side.

30 *Subsection 606.5.8* is hereby amended to add the following text:

31 Any pressure tank installed in a basement and/or crawl space shall be a minimum of
32 seven and one-half (7½) inches above finished grade. All water pressure tanks and
33 apparatus for mobile homes shall be installed in the confines of the living space. In every
34 case, the only exception shall be those tanks installed a minimum of eighteen (18) inches
35 from the top of the tank to finished grade in an approved manhole with water tight lid, a
36 minimum of six (6) inches above finished grade.

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1 *Subsection 606.8* is hereby added as follows:

2 *Subsection 606.8 Dead ends.* In the installation or removal of any part of the water
3 distribution system, dead ends shall be prohibited. Future water distribution piping shall
4 be allowed when valves are provided within 2 feet (610 mm) of the branch tee and are
5 tagged as to their purpose. Valves shall be kept in the closed position following testing.

6 *Subsection 608.16.4, Connections to automatic fire sprinkler systems and standpipe*
7 *systems,* is hereby amended to delete exceptions (1.) and (2.).

8 *Subsection 608.16.4* is hereby amended to add the following:

9 In 1 and 2 family dwellings the type of backflow preventer required shall be an ASSE
10 1024 dual check valve.

11 [~~*Subsection 608.17* is hereby deleted in its entirety.~~]

12 *Section 701.2 Sewer required* is hereby deleted and replaced with the following:

13 Every building in which plumbing fixtures are installed and all premises having drainage
14 piping shall be connected to a public sewer, where available, or an approved private
15 sewage disposal system in accordance with Code of Maryland (COMAR) regulations.

16 *Table 710.1(1)* is hereby amended to read as follows:

17 Footnote a. The minimum size of any building sewer shall be four (4) inches in diameter
18 to the inside of the building with the exception of townhouses which can be 3 inches in
19 diameter.

20 b. Maximum grade of sewer line not to exceed ½" per foot.

21 *Subdivision 701.9* is hereby amended to add the following text:

22 Food or drink shall not be stored, prepared or displayed beneath overhead sewer or
23 drain pipes unless such pipes are protected against leakage or condensation reaching
24 the food or drink as described below for new construction. In newly constructed or
25 remodeled establishments, soil or drain pipes located over food preparation, storage,
26 display or serving areas are undesirable. Where building design requires that soil or drain
27 pipes be located over such areas, the installation shall be made with the least possible
28 number of joints and shall be installed so as to connect to a vertical stack at the nearest
29 wall or vertical building support and the construction shall be performed as follows:

30 a. All openings through floors over such areas shall be provided with sleeves
31 securely bonded to the floor construction and projecting not less than three-quarters inch
32 above top of the finished floor with space between sleeve and pipe or duct sealed.

33 b. Floor and shower drains installed above such areas shall be equipped with
34 integral seepage pans.

35 c. Plumbing fixtures in rooms located above such areas shall be of the wall mounted
36 type except bathtubs. Tubs shall have waste and overflow connections made above floor

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1 and piped to the trap below the floor. Connections through floors and to traps shall
2 conform with all other provisions of this regulation. No floor openings, other than sleeve
3 for waste pipe, will be permitted for tubs.

4 d. All other soil or drain pipes shall be of an approved material as listed in Table
5 702.1 and Section 702. All materials shall conform to established standards. Cleanouts
6 shall be extended through the floor construction above.

7 e. Soil and drain pipes located above such area shall be subjected to a standing
8 water test of not less than twenty-five (25) feet.

9 f. Piping subject to operation at temperatures that will form condensation on the
10 exterior of the pipe shall be thermally insulated.

11 g. Where pipes are installed in ceilings above such areas, the ceiling shall be of the
12 removable type, or shall be provided with access panels in order to form a ready access
13 for inspection of piping.

14 h. In lieu of the above, any other method may be approved by the administrative
15 authority.

16 *Subsection 904.3.1* is hereby added as follows:

17 *904.3.1 Roof extension.* All open vent pipes that extend through roof shall be terminated
18 at least 6 inches above the roof, except that where a roof is to be used for any purpose
19 other than weather protection, the vent extensions shall run at least 7 feet (2134 mm)
20 above the roof. ~~[All stacks that terminate through roof shall have no offsets more than 45~~
21 ~~degree angle.]~~

22 *Section 918.1* is hereby amended to read as follows:

23 918.1 General. Air admittance valves shall only be installed with the approval of the
24 administrative authority. Where approved, vent systems utilizing air admittance valves
25 shall comply with this section. Stack-type air admittance valves shall conform to ASSE
26 1050. Individual and branch-type air admittance valves shall conform to ASSE 1051.

27 *Section 1003.3.4, Grease interceptors,* is hereby replaced with the following:

28 Grease interceptors and automatic grease removal devices shall be sized by a
29 registered design professional or master plumber in accordance with PDI G101, ASME
30 A112.14.3 Appendix A, or ASME A112.14.4. Grease interceptors and automatic grease
31 removal devices shall be designed and tested in accordance with PDI G101, ASME
32 A112.14.3 or ASME A112.14.4. Grease interceptors and automatic grease removal
33 devices shall be installed in accordance with the manufacturer's instructions. Grease
34 interceptors and automatic grease removal devices shall be located as close as possible
35 to the grease source.

36 *Section 1003.4.* Add the following text after subsection 1003.4.

37 Interceptors.

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1 A. In a structure where a public sanitary sewer is available, the waste pipe from oil and
2 sand interceptors shall discharge, if installed, into the public sanitary sewer, or any more
3 restrictive manner as otherwise mandated by an applicable administrative authority.

4 B. New construction.

5 1. Any new construction of a structure, where public sanitary sewers are not
6 available, shall have the option to either:

7 (i) Construct the structures without any floor drains; structures without floor
8 drains must operate to minimize waste and prevent wastewater from leaving the shop
9 area and discharging to the environment; or

10 (ii) If drains are included, ensure that each drain shall flow into an approved
11 sand interceptor which shall drain into a 1,000 gallon or larger approved holding tank.

12 2. An oil and water separator is not required when the waste discharges into a
13 holding tank.

14 C. Existing structures.

15 1. In areas where public sanitary sewers are not available, existing structures
16 that are being renovated or enlarged shall either:

17 (i) Permanently plug all existing floor drains; structures which plug their floor
18 drains must notify the Maryland Department of Environment, Ground Water Permits
19 Program, prior to drain closure, and must operate to minimize waste and prevent
20 wastewater from leaving the shop area and discharging to the environment, or

21 (ii) Retrofit all existing floor drains so as to allow them to flow into an approved
22 sand interceptor which shall drain into a 1,000 gallon or larger approved holding tank
23 which is equipped with a high level alarm.

24 2. An oil and water separator is not required when the waste discharges into a
25 holding tank.

26 D. If an underground tank is installed, it shall be corrosion protected and designed
27 according to COMAR 26.10.03.

28 E. Any new construction of a structure or renovation of an existing structure which
29 discharges liquid wastes as described in Section 1003 of International Plumbing Code or
30 which discharges other industrial waste waters shall have the option of discharging into
31 an on-site subsurface disposal system, providing the facility's owner/operator applies for
32 and obtains from the Maryland Department of Environment a water discharge permit
33 issued pursuant to the provisions and conditions of COMAR 26.08.01–26.08.04.

34 Where approved and approved point of discharge.

35 A. Sand and oil interceptors shall be provided wherever floors, pits, or surface areas
36 subject to the accumulation of grease or oil from service or repair operations are drained

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1 or washed into a drainage system. Such locations include, but are not limited to: car or
2 truck washing facilities, engine cleaning facilities, and similar operations. Drainage from
3 such locations shall be connected to the sanitary sewer.

4 B. Drains shall not be required in service or repair garages employing dry absorbent
5 cleaning methods; however, if any drains are located in such areas, they shall discharge
6 to the sanitary sewer through sand and oil interceptors.

7 C. Drains shall not be required in parking or service garages unless the garage or
8 portions thereof is equipped with provisions for either washing vehicles or rinsing the floor.
9 Where such cleaning facilities are provided the area subject to waste drainage shall be
10 provided with a system of one or more floor drains, complete with sand and oil
11 interceptors, and the drainage from the oil interceptor shall be connected to the sanitary
12 sewer. Any storm water shall be drained separately and directly to the storm sewer.

13 D. The waste oil tank used with the oil interceptor shall not be used to store or contain
14 any other waste oil or hazardous fluid. Crankcase oil cannot be dumped into or stored in
15 this waste oil tank.

16 *Subsection 1003.4.2.1* is hereby amended to add the following text.

17 A. Oil separators shall have a 3" minimum discharge line and a 2" minimum vent to
18 atmosphere. The discharge line shall have a full-size cleanout extended to grade.

19 B. The oil draw-off or overflow from oil separators shall be connected to an approved
20 waste oil tank meeting the environmental requirements of the administrative authority.
21 The waste oil from the separator shall flow by gravity or may be pumped to a higher
22 elevation by an automatic pump. Pumps shall be adequately sized, explosion-proof and
23 accessible. Waste oil tanks shall have a 2" minimum pump out connection and a 1-1/2"
24 minimum vent to atmosphere and shall be equipped with a high level alarm.

25 C. Where oil separators are subject to backflow from a sewer or other point of disposal,
26 their discharge line shall include a backwater valve installed in accordance with the
27 requirements of Section 715.

28 D. Oil interceptors, waste oil tanks, oil pump out connections, backwater valves, and
29 atmospheric vent piping shall be permanently identified by suitable labels or markings.

30 E. Combination oil and sand interceptor may be installed if approved by the
31 administrative authority.

32 *Subsection 1003.5* is hereby amended to add the following text:

33 A. A sand interceptor shall be provided upstream from each oil interceptor, except
34 when combination oil and sand interceptor is used.

35 B. When the discharge of a drain may contain solids or semi-solids that would either
36 be harmful to the drainage system or tend to obstruct the system, the drain shall discharge
37 through a sand interceptor.

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1 C. Sand interceptors shall be constructed of concrete, brick, fabricated coated steel,
2 or other watertight material and shall be internally baffled to provide an inlet section for
3 the accumulation of sediment and a separate outlet section.

4 D. The outlet pipe of the sand interceptor shall be the same size as the drain served
5 (or inlet pipe to the oil separator). The internal baffle in the interceptor shall have two tip
6 skimming openings, each the same size as the outlet pipe and at the same invert
7 elevation as the outlet opening. The openings in the baffle shall be offset to prevent
8 straight-line flow through the interceptor from any of its inlets to its outlet.

9 E. The inlet to the interceptor shall be at the same elevation as or higher than the
10 outlet. The bottom of the inlet section shall be at least 24 inches below the invert of the
11 outlet pipe.

12 F. The bottom of the inlet section shall be at least 2 feet wide and 2 feet long for flow
13 rates up to 20 gallons per minute. The bottom of the inlet section shall be increased by 1
14 square foot for each 5 gpm of flow or fraction thereof over 20 gpm. The area of the bottom
15 of the outlet section shall be not less than 50" of the area of the bottom of the inlet section.

16 G. The outlet section shall be covered by a solid removable cover. The inlet section
17 shall be covered by an open grating suitable for the traffic in the area in which it is located.
18 Covers shall be set flush with the finished floor.

19 *Subsection 1003.9* is hereby amended to add the following text:

20 Vapor venting:

21 The atmospheric vents from oil separators and their waste oil tanks shall be separate
22 from other plumbing system vents and shall be extended to an approved location at least
23 12 feet above grade or the surrounding area.

24 *Section 1201* is hereby deleted in its entirety.

25 New *Section 1201* is hereby added to read as follows:

26 *Section 1201.* Installation of gas appliances and gas piping. All installations of gas
27 appliances and gas piping shall conform to requirements contained in the International
28 Fuel Gas Code, 2018^[2], which is incorporated by reference. For installation of elevated
29 2 psig gas pressure use guidelines for copper tubing natural gas systems manual,
30 incorporated by reference.

31 *Section 1303.6* is hereby deleted in its entirety, and new *Section 1303.6* is hereby added
32 to read as follows:

33 *Section 1303.6 Estimating gray water discharge.* The system shall be sized in
34 accordance with all applicable requirements of COMAR 26.04.02.

35 *Section 1303.7* is hereby deleted in its entirety, and new *Section 1303.7* is hereby added
36 to read as follows:

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1 *Section 1303.7 Percolation tests.* The permeability of the soil shall be determined in
2 accordance with all applicable requirements of COMAR 26.04.02.

3 *Section 1303.8* is hereby amended to read as follows:

4 The soil absorption system shall be located with a minimum horizontal distance
5 between various elements in accordance with all applicable requirements of COMAR
6 26.04.02.

7 *Table 1303.8* is hereby deleted in its entirety.

8 *Section 1303.9* is hereby deleted in its entirety.

9 New Section 1303.9 is hereby added to read as follows:

10 *Section 1303.9. Installation.* Absorption systems shall be installed in accordance with
11 all applicable requirements of COMAR 26.04.02.

12 *Table 1303.9* is hereby deleted in its entirety.

13 *Section 1303.10* is hereby deleted in its entirety.

14 New Section 1303.10 is hereby added to read as follows:

15 *Section 1303.10 Distribution piping.* Distribution piping shall be installed in accordance
16 with all applicable requirements of COMAR 26.04.02.

17 Chapter 1 of the 2018 International Fuel Gas Code is hereby deleted in its entirety.

18 The following incorporation by reference is hereby added:

19 COMAR 26.04.02 Sewage Disposal and Certain Water Systems for Homes and Other
20 Establishments in the Counties of Maryland Where Public Sewage System Is Not
21 Available.

22 COMAR 26.04.03 Water Supply and Sewage Systems in the Subdivisions of Land in
23 Maryland.

24 The following requirements for show rooms, offices, shops and trucks is hereby added:

25 *Subsection 1-14-1(f). Licensing of plumbers.* Every person who holds himself or herself
26 out to the public as a master plumber by advertising, telephone directory listing, business
27 card, stationary, or any exhibit, shall display in a conspicuous place at his or her principal
28 place of business and on all vehicles used for plumbing work by him or her or under his
29 or her direction and control:

- 30 1) The name or names of each registered master plumber;
- 31 2) The words “registered plumber” or “registered plumbers;”
- 32 3) The Maryland State Certificate Number or Numbers; and
- 33 4) The Frederick County Certificate Number.

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§ 1-14-58. WELL SYSTEM INSTALLATION [~~;~~ SADDLE VALVES].

~~[(A)]~~ Anything to the contrary notwithstanding in the state plumbing regulations, a minimum diameter of a 1-inch pipe shall be used for connections from submersible pumps to a storage tank as part of a well system installation.

~~[(B) The use of saddle valves may be allowed on humidifiers and ice makers if the appliance manufacturer recommends the use of saddle valves.]~~

§ 1-14-59. CONDEMNED EQUIPMENT.

The Plumbing Inspector shall condemn any used plumbing material or equipment which is so worn, damaged, defective or constructed as to constitute a sanitary or safety hazard and such condemned material or equipment shall not be reused for plumbing purposes. Where in the opinion of the Plumbing Inspector condemned material or equipment should be destroyed to prevent its reuse, he may order such destruction.

§§ 1-14-60 – 1-14-89. RESERVED.

ARTICLE V: SCOPE AND ADMINISTRATION (§§ 1-14-90 — 1-14-99)

[Sections 1-14-90 – 1-14-92 remain unchanged.]

§ 1-14-93. SPECIAL PROVISIONS FOR PUBLIC WATER AND SEWER SYSTEMS.

(A) All applications for connections to public water and sewer systems shall give an exact location of the building site, the owner thereof, the licensed county plumber, the builder, size of the property and the name of the public authority into which the water and sewer lines will be connected. No plumbing application will be accepted until proper evidence has been submitted showing proof that the applicant has paid to the appropriate public authority having jurisdiction over such water and sewer systems the fees charged by that public authority.

(B) Connections to the county's public water supply must comply with the cross-connection control requirements found in the Frederick County Water and Sewer Rules and Regulations, as amended.

[Sections 1-14-94 through 1-14-99 remain unchanged.]

*Underlining indicates matter added to existing law.
[Single boldface brackets] and ~~Strikethrough~~ indicates matter deleted from existing law.
*** - indicates existing law unaffected by bill.*
Bill No. 23-05