

Notice of Agency Rulemaking Proposal

AGENCY: 02-395, Department of Professional and Financial Regulation, Office of Professional and Occupational Regulation, Plumbers' Examining Board

CHAPTER NUMBER AND TITLE:

Chapter 4: Installation Standards

TYPE OF RULE (*check one*): Routine Technical Major Substantive

PROPOSED RULE NUMBER:

BRIEF SUMMARY:

The proposed rulemaking would repeal the current Chapter 4, Installation Standards, and replace with a rule with the same title and in the same location that adopts and establishes installation rules and incorporates by reference into board rule the International Association of Plumbing and Mechanical Officials *Uniform Plumbing Code* ("UPC"), 2021 edition, subject to certain amendments and exclusions.

Go to <https://www.maine.gov/pfr/professionallicensing/professions/plumbers-examining-board> to find the proposed rule and related rulemaking documents.

Date, time and location of PUBLIC HEARING (*if any*): June 7, 2021, 9:00 am. If the state of emergency in response to the novel coronavirus disease known as COVID-19 is still in place at the time of the hearing, the hearing will be held through remote access pursuant to 1 M.R.S. § 403-A. The information needed to access the hearing remotely will be posted on the Board's website at: <https://www.maine.gov/pfr/professionallicensing/professions/plumbers-examining-board/home/board-meeting-information>.

If the state of emergency no longer exists at the time of the hearing, the hearing will be held at the Office of Professional and Occupational Regulation, 76 Northern Avenue, Gardiner, Maine. The hearing may be continued on additional dates if necessary. Comments on the proposed rules may be submitted to the Board Administrator no later than 5:00 p.m., Thursday, June 17, 2021 by emailing her at plumbers.board@maine.gov or by mailing your comments to her at Plumbers' Examining Board, Attn: Catherine M. Carroll, 35 State House Station, Augusta, ME 04333-0035.

COMMENT DEADLINE: June 17, 2021 by 5:00 p.m.

CONTACT PERSON FOR THIS FILING (*include name, mailing address, telephone, fax, TTY, email*): Catherine M. Carroll, Board Administrator, 35 State House Station, Augusta, ME 04333, catherine.m.carroll@maine.gov, (tel) 207-624-8605, TTY users call Maine Relay 711

CONTACT PERSON FOR SMALL BUSINESS IMPACT STATEMENT (*if different*): N/A

FINANCIAL IMPACT ON MUNICIPALITIES OR COUNTIES (*if any*): N/A

STATUTORY AUTHORITY FOR THIS RULE: 32 M.R.S. §§ 3403-A, 3403-B(1), 3302

SUBSTANTIVE STATE OR FEDERAL LAW BEING IMPLEMENTED (*if different*): N/A

AGENCY WEBSITE: www.maine.gov/professionallicensing

EMAIL FOR OVERALL AGENCY RULEMAKING LIAISON: Kristin.Racine@maine.gov

* Check one of the following two boxes.

The summary provided above is for publication in both the newspaper and website notices.

The summary provided above is for the newspaper notice only. Title 5 §8053, sub-§5 & sub-§7, ¶D. A more detailed summary is attached for inclusion in the rulemaking notice posted on the Secretary of State's website. Title 5 §8053, sub-§3, ¶D & sub-§6.

Please approve bottom portion of this form and assign appropriate AdvantageME number.

APPROVED FOR PAYMENT _____ DATE: _____

(authorized signature)

FUND	AGENCY	ORG	APP	OBJ	PROGRAM	FUNDING Profile JVC	FUND Pri JVC	FUND Line JVC
014	02A	4460	01	4946				

Notice of Agency Rulemaking Proposal

Additional Information for the Web *(if any)*

DETAILED SUMMARY:

The proposed rulemaking would repeal the current Chapter 4, Installation Standards, and replace with a rule with the same title and in the same location that adopts and establishes installation rules and incorporates by reference into board rule the International Association of Plumbing and Mechanical Officials *Uniform Plumbing Code* (“UPC”), 2021 edition, subject to certain amendments and exclusions.

Go to <https://www.maine.gov/pfr/professionallicensing/professions/plumbers-examining-board> to find the proposed rule and related rulemaking documents.

The proposed rule adopts the 2021 UPC with amendments to the following: Chapter 102.8, Appendices; Chapter 104.1, Permits Required; Chapter 104.2, Exempt Work; Chapter 104.3.1 Construction Documents; Chapter 104.5, Permit Fees; Chapter 105.2.6, Reinspections; Chapter 105.3, Testing of Systems; Chapter 218.0, Plumbing System; Chapter 220.0, Roughing-In; Chapter 315.1, Unions; Chapter 422.2, Separate Facilities; Chapter 605.12.2, Solvent Cement Joints; Chapter 705.6.2, Solvent Cement Joints; Chapter 807.3, Domestic Dishwashing Machine; Chapter 901.0 General by adding Chapter 901.4, Future Vents; and Chapter 906.0, Vent Termination.

The proposed rule does not adopt Chapter 104.3.2, Plan Review Fees; Chapter 104.3.3, Time Limitation of Application; Chapter 104.4.3, Expiration; Chapter 104.4.4., Extensions; Table 104.5, Plumbing Permit Fees; Chapter 105.4, Connection to Service Utilities; Chapter 106.3, Penalties; Chapter 107.0, Board of Appeals; Chapter 107.1, General; Chapter 107.2, Limitations of Authority; certain definitions contained in Chapter 203.0, 204.0, 205.0, 206.0, 207.0, 208.0, 209.0, 214.0, 215.0, 216.0, 218.0, 219.0, 221.0, 222.0, 223.0, 224.0 (please visit board website for proposed rule); Chapter 312.12.3, Tub Waste Openings; Chapter 313.7, Gas Piping; Chapter 319.0, Medical Gas and Vacuum Systems; Chapter 319.1, General; Chapter 5, Water Heaters, except for certain sections (please visit board website for proposed rule); Chapter 609.12, Pipe Insulation, including 609.12.1 and 609.12.2; Chapter 612.0, Residential Fire Sprinkler Systems, which includes Chapter 612.1 through 612.7.2 and any tables referenced therein; Chapter 713.5, Permit; Table 721.1, Minimum Horizontal Distance Required from Building Sewer (feet); Chapter 1101.6 Subsoil Drains, which includes Chapters 1101.6.1-1101.6.5; Chapter 1101.7, Building Subdrains; Chapter 1101.8, Areaway Drains; Chapter 1101.9, Window Areaway Drains; Chapter 1101.10 Filling Stations and Motor Vehicle Washing Establishments; Chapter 1101.11, Paved Areas; Chapter 12, Fuel Gas Piping; and Chapter 13, Health Care Facilities and Medical Gas and Medical Vacuum Systems.

Rulemaking Fact Sheet

(5 MRS §8057-A)

AGENCY: 02-395, Department of Professional and Financial Regulation, Office of Professional and Occupational Regulation, Plumbers' Examining Board

NAME, ADDRESS, PHONE NUMBER, EMAIL OF AGENCY CONTACT PERSON: Catherine M. Carroll, Board Administrator, 35 State House Station, Augusta, ME 04333, catherine.m.carroll@maine.gov, (tel) 207-624-8605, TTY users call Maine Relay 711

CHAPTER NUMBER AND RULE TITLE:

Chapter 4: Installation Standards

TYPE OF RULE (*check one*): Routine Technical Major Substantive

STATUTORY AUTHORITY: 32 M.R.S. §§ 3403-A, 3403-B(1), 3302

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COMMENT DEADLINE: June 17, 2021 by 5:00 p.m.

PRINCIPAL REASON(S) OR PURPOSE FOR PROPOSING THIS RULE:

As required by 32 M.R.S. § 3403-B, the board shall adopt minimum rules relating to plumbing, including a plumbing code. The proposed rulemaking would repeal the current Chapter 4, Installation Standards, and replace with a new rule with the same title and in the same location that establishes installation rules and adopts and incorporates by reference the Uniform Plumbing Code ("UPC"), 2021 edition, subject to certain amendments and exclusions.

IS MATERIAL INCORPORATED BY REFERENCE IN THE RULE? X YES NO

ANALYSIS AND EXPECTED OPERATION OF THE RULE:

The proposed rulemaking establishes plumbing installation standards and adopts and incorporates by reference into board rule the 2021 UPC with certain amendments and exclusions.

The proposed rulemaking will repeal 02-395, Chapter 4, "Installation Standards" and replace with a new rule with the same title and in the same location that adopts and incorporates by reference into board rule the 2021 UPC, subject to certain amendments and exclusions. The board's current Chapter 4 adopts and incorporates by reference the 2015 UPC, subject to certain amendments and exclusions.

The proposed rule adopts the 2021 UPC with amendments to the following: Chapter 102.8, Appendices; Chapter 104.1, Permits Required; Chapter 104.2, Exempt Work; Chapter 104.3.1 Construction Documents; Chapter 104.5, Permit Fees; Chapter 105.2.6, Reinspections; Chapter 105.3, Testing of Systems; Chapter 218.0, Plumbing System; Chapter 220.0, Roughing-In; Chapter 315.1, Unions; Chapter 422.2, Separate Facilities; Chapter 605.12.2, Solvent Cement Joints;

Chapter 705.6.2, Solvent Cement Joints; Chapter 807.3, Domestic Dishwashing Machine; Chapter 901.0 General by adding Chapter 901.4, Future Vents; and Chapter 906.0, Vent Termination.

The proposed rule does not adopt Chapter 104.3.2, Plan Review Fees; Chapter 104.3.3, Time Limitation of Application; Chapter 104.4.3, Expiration; Chapter 104.4.4., Extensions; Table 104.5, Plumbing Permit Fees; Chapter 105.4, Connection to Service Utilities; Chapter 106.3, Penalties; Chapter 107.0, Board of Appeals; Chapter 107.1, General; Chapter 107.2, Limitations of Authority; certain definitions contained in Chapter 203.0, 204.0, 205.0, 206.0, 207.0, 208.0, 209.0, 214.0, 215.0, 216.0, 218.0, 219.0, 221.0, 222.0, 223.0, 224.0 (please visit board website for proposed rule); Chapter 312.12.3, Tub Waste Openings; Chapter 313.7, Gas Piping; Chapter 319.0, Medical Gas and Vacuum Systems; Chapter 319.1, General; Chapter 5, Water Heaters, except for certain sections (please visit board website for proposed rule); Chapter 609.12, Pipe Insulation, including 609.12.1 and 609.12.2; Chapter 612.0, Residential Fire Sprinkler Systems, which includes Chapter 612.1 through 612.7.2 and any tables referenced therein; Chapter 713.5, Permit; Table 721.1, Minimum Horizontal Distance Required from Building Sewer (feet); Chapter 1101.6 Subsoil Drains, which includes Chapters 1101.6.1-1101.6.5; Chapter 1101.7, Building Subdrains; Chapter 1101.8, Areaway Drains; Chapter 1101.9, Window Areaway Drains; Chapter 1101.10 Filling Stations and Motor Vehicle Washing Establishments; Chapter 1101.11, Paved Areas; Chapter 12, Fuel Gas Piping; and Chapter 13, Health Care Facilities and Medical Gas and Medical Vacuum Systems.

BRIEF SUMMARY OF RELEVANT INFORMATION CONSIDERED DURING DEVELOPMENT OF THE RULE
(including up to 3 primary sources relied upon)

Expertise of board members, board staff, and members of IAPMO.

ESTIMATED FISCAL IMPACT OF THE RULE: Within the scope of the rule, which establishes plumbing installation standards and adopts the 2021 UPC with certain amendments and exclusions, there are changes that may both increase and decrease the costs of plumbing installations. The rule amends Chapter 807.3, Domestic Dishwashing Machine, which may decrease costs; and adds Chapter 901.4, Future Vents, which may increase costs in new construction.

FOR EXISTING RULES WITH FISCAL IMPACT OF \$1 MILLION OR MORE, ALSO INCLUDE:

ECONOMIC IMPACT, WHETHER OR NOT QUANTIFIABLE IN MONETARY TERMS:
[see §8057-A(2)(A)]

INDIVIDUALS, MAJOR INTEREST GROUPS AND TYPES OF BUSINESSES AFFECTED AND HOW THEY WILL BE AFFECTED: [see §8057-A(2)(B)]

BENEFITS OF THE RULE: [see §8057-A(2)(C)]

Note: If necessary, additional pages may be used.

Chapter 4: INSTALLATION STANDARDS

Summary: This Chapter adopts standards for plumbing installations in the State of Maine.

1. PLUMBING INSTALLATIONS

- A. The Plumbers' Examining Board adopts and incorporates herein by reference the International Association of Plumbing and Mechanical Officials *Uniform Plumbing Code*, 2021 edition, as the standard for plumbing installations in the State of Maine, subject to the exclusions and amendments as set forth in this chapter.

The aforementioned *Uniform Plumbing Code*, hereinafter referred to as the "UPC," may be purchased from:

International Association of Plumbing and Mechanical Officials
4755 E. Philadelphia Street
Ontario, CA 91761-2816
Telephone: (909) 472-4208 or 1-800-854-2766
Webpage: www.iapmo.org

- B. All plumbing installations must comply with the UPC as adopted herein with the exclusions and amendments set forth in this chapter; Title 32, Chapter 49 of the *Maine Revised Statutes*; and the rules of the board. Plumbing installations must also comply with all applicable statutes or rules of the State and all applicable ordinances, orders, rules and regulations of local municipalities.

C. Exclusions and Amendments**(1) Chapter 1, Administration**

- a. The board adopts Chapter 102.8, Appendices, as amended below:

102.8 Appendices. The board does not adopt the provisions in the appendices as part of the code.

- b. The board adopts Chapter 104.1, Permits Required, as amended below:

104.1 Permits Required. It shall be unlawful for a person, firm, or corporation to make an installation, alteration, repair, replacement, or remodel a plumbing system regulated by this code except as permitted in Section 104.2, or to cause the same to be done without first obtaining a separate plumbing permit for each separate building or structure.

Notwithstanding any provision to the contrary, and for the purposes of this Chapter, only the following persons may apply for and obtain plumbing permits:

- (i) A person with a valid and current master plumber license issued by the board pursuant to Title 32, Section 3501, subsection 2-A; or
 - (ii) Pursuant to Title 32, Section 3302, subsection 1(C), any person in a single-family residence occupied or to be occupied by that person as that person's bona fide personal abode as long as the installation conforms with the board laws and rules.

- c. The board adopts Chapter 104.2, Exempt Work as amended below:

104.2 Exempt Work. A permit shall not be required for the following:

...

 - (3) Installation of heating appliances and fuel fired (indirect or indirect) water heaters by master or journeyman oil burner technicians or propane and natural gas technicians licensed pursuant to Title 32, Chapter 139 of the Maine Revised Statutes.
 - (4) The work excluded from the definition of "plumbing" in Title 30-A, Section 4201, subsection 3.
 - (5) Plumbing by regular employees of public utilities as defined in Title 35-A, Section 102, when working as such.
 - (6) Plumbing by a pump installer who is duly licensed pursuant to Title 32, Section 4700-I, subsection 2, except that this exception is limited to installing piping from the cold water distribution pipe at the pressure tank's main shut-off valve to the existing water supply piping as long as the piping is located in the same room as the tank, the length of the piping is no longer than 15 feet and the piping does not extend beyond any existing branches. Such plumbing must conform to the board's laws and rules.

- d. The board adopts Chapter 104.3.1, Construction Documents, as amended below:

104.3.1 Construction Documents. Construction documents, engineering calculations, diagrams, and other data may be required to be submitted in two or more sets with each application for a permit.

- e. The board does not adopt Chapter 104.3.2, Plan Review Fees.

- f. The board does not adopt Chapter 104.3.3, Time Limitation of Application.

- g. The board does not adopt Chapter 104.4.3, Expiration.

- h. The board does not adopt Chapter 104.4.4, Extensions.
- i. The board adopts Chapter 104.5, Fees, as amended below:

104.5 Permit Fees.

104.5.1 General. Permit fees shall be charged for the following permits.

- (1) Fixture fee, per fixture.
- (2) When only new water distribution and/or drainage pipes are installed or relocated in a building, but no fixtures installed.
- (3) Testable backflow prevention assembly.
- (4) A hookup fee shall be charged for the connection of a mobile home, which bears the Housing and Urban Development (HUD) seal or a modular home which bears the Manufactured Housing Board seal, to a building sewer.
- (5) A hookup fee shall be charged for connection to a public sewer when piping is installed outside the jurisdiction of the sanitary district. A hookup is considered a fixture when calculating the fee.
- (6) Relocated mobile homes, modular homes or any other similar structures shall be considered as new conventional stick built structures. A plumbing fixture fee shall be charged based on this section.

104.5.2 Fixtures. For the purpose of this section, a sanitary plumbing outlet on or to which a plumbing fixture or appliance may be set or attached shall be construed to be a fixture. Fees for reconnection and retest of existing plumbing systems in relocated buildings shall be based on the number of plumbing fixtures that requires a permit to be issued.

104.5.3 Work Commencing Before Permit Issuance. Any person who begins any work for which a permit is required by the Code without first having obtained a permit shall, if subsequently eligible to obtain a permit for that work, pay double the permit fee for such work.

Exception: This provision shall not apply to any emergency work when it can be proved to the satisfaction of the Local Plumbing Inspector (“LPI”) that such work was necessary and that it was not practical to obtain a permit before the

commencement of the work. In all emergency cases, a permit must be obtained within four (4) working days or a double permit fee shall be charged.

- j. The board does not adopt Table 104.5, Plumbing Permit Fees.
- k. The board adopts Chapter 105.2.6, Reinspections, as amended below:

105.2.6 Reinspections. A reinspection fee shall be permitted to be assessed for each inspection or reinspection where such portion of work for which inspection is called is not complete or where required corrections have not been made.

This provision shall not be interpreted as requiring reinspection fees the first time a job is rejected for failure to be in accordance with the requirements of this code, but as controlling the practice of calling for inspections before the job is ready for inspection or reinspection.

Reinspection fees shall be permitted to be assessed where the approved plans are not readily available to the inspector, for failure to provide access on the date for which the inspection is requested, or for deviating from plans requiring the approval of the Authority Having Jurisdiction.

In instances where reinspection fees have been assessed, no additional inspection of the work will be performed until the required fees have been paid.

- l. The board adopts Chapter 105.3, Testing of Systems, with the following addition:

105.3.4 Testing of Plastic Pipe With Air. Allowing the testing of plastic schedule 40 DWV (drainage waste and vent) piping systems with 5 psi (pounds per square inch) maximum of air. For safety purposes, when testing with air, a listed 6 psi relief valve is required.

Co-extruded ABS (Acrylonitrile Butadiene Styren) and PVC (Poly Vinyl Chloride) schedule 40 (cellular core) piping systems with referenced standards ASTM F1488 and ASTM F 891 shall not be tested with air.

PVC and CPVC (Chlorinated Poly Vinyl Chloride) building supply and water distribution piping systems shall not be tested by air.

- m. The board does not adopt Chapter 105.4, Connection to Service Utilities.
- n. The board does not adopt Chapter 106.3, Penalties.
- o. The board does not adopt Chapter 107.0, Board of Appeals.

- p. The board does not adopt Chapter 107.1, General.
- q. The board does not adopt Chapter 107.2, Limitations of Authority.

(2) **Chapter 2, Definitions**

- a. The board does not adopt the following definitions:
 - (i) Chapter 203.0: Appliance, Low-Heat; Appliance, Medium-Heat; Appliance Categorized Vent Diameter/Area; Appliance Fuel Connector.
 - (ii) Chapter 204.0: Boiler Blowoff; Bonding Conductor or Jumper.
 - (iii) Chapter 205.0: Category 1; Category 2; Category 3; Category 3 Vacuum System; Category 4; Chimney; Chimney, Factory-Built; Chimney, Masonry; Chimney, Metal; Chimney Classifications; Chimney, High-Heat Appliance-Type; Chimney, Low-Heat Appliance-Type; Chimney, Medium-Heat Appliance-Type; Chimney, Residential Appliance-Type; Combustible Material; Confined Space; Critical Care Area.
 - (iv) Chapter 206.0: Direct-Vent Appliances.
 - (v) Chapter 207.0: Effective Ground-Fault Current Path; Excess Flow Valve (EFV).
 - (vi) Chapter 208.0: Flammable Vapor or Fumes; Flue Collar.
 - (vii) Chapter 209.0: Gas Piping; Gas Piping System; General Anesthesia and Levels of Sedation/Analgesia; Deep Sedation/Analgesia; General Anesthesia; Minimal Sedation (Anxiolysis); Moderate Sedation/Analgesia (Conscious Sedation); Grounding Electrode.
 - (viii) Chapter 214.0: Liquefied Petroleum Gas (LP-Gas) Facilities.
 - (ix) Chapter 215.0: Medical Air; Medical Gas; Manifold; Medical Gas System; Medical Support Gas; Medical-Surgical Vacuum; Medical-Surgical Vacuum System.
 - (x) Chapter 216.0: Nitrogen, NF.
 - (xi) Chapter 218.0: Patient Care Space; Category 1 Space; Category 2 Space; Category 3 Space; Category 4 Space; Patient Medical Gas; Proportioning System for Medical Air USP.
 - (xii) Chapter 219.0: Quick-Disconnect Device (Fuel Gas).
 - (xiii) Chapter 221.0: Scavenging; Service Piping; Standard Cubic Feet per Minute (SCFM); Station Inlet; Station Outlet.

- (xiv) Chapter 222.0: Transition Gas Riser.
- (xv) Chapter 223.0: User Outlet.
- (xvi) Chapter 224.0: Vacuum System-Level-1; Valve, Service; Vent Connector, Gas; Vent Offset; Venting System; Vent, Gases; Type B Gas Vent; Type BW Gas Vent; Type L Gas Vent.

- b. The board adopts Chapter 218.0, Plumbing System, as amended below:

Plumbing System. Includes all potable water, alternate water sources, building supply, and distribution pipes; all plumbing fixtures and traps; all drainage and vent pipes; and all building drains and building sewers, including their respective joints and connections, devices, receptors, and appurtenances within the property lines of the premises and shall include potable water piping, potable water treating or using equipment, and water heaters.

- c. The board adopts Chapter 220.0, Roughing-In, as amended below:

Roughing-In. The installation of all parts of the plumbing system that can be completed prior to the installation of fixtures. This includes drainage, water supply, vent piping, and the necessary fixture supports.

(3) Chapter 3, General Regulations

- a. The board does not adopt Chapter 312.12.3, Tub Waste Openings.
- b. The board does not adopt Chapter 313.7, Gas Piping.
- c. The board adopts Chapter 315.1, Unions, as amended below:

315.1 Unions. Approved unions shall be permitted to be used in drainage piping where accessibly located in the trap seal or between a fixture and its trap; in the vent system, except underground or in wet vents; and at any point in the water supply system.

- d. The board does not adopt Chapter 319.0, Medical Gas and Vacuum Systems.
- e. The board does not adopt Chapter 319.1, General.

(4) Chapter 4, Plumbing Fixtures and Fixture Fittings

- a. The board adopts Chapter 422.2, Separate Facilities, as amended below:

422.2 Separate Facilities. Separate toilet facilities shall be provided for each sex.

Exceptions:

- (1) Residential installations.
- (2) In occupancies with a total occupant load of 10 or less, including customers and employees, one toilet facility, designed for use by no more than one person at a time, shall be permitted for use by both sexes.
- (3) In business and mercantile occupancies with a total occupant load of 50 or less, including customers and employees, one toilet facility, designed for use by no more than one person at a time, shall be permitted for use by both sexes.
- (4) In an eating establishment as provided in Title 22, Section 1686, one toilet facility, designed for use by no more than one person at a time, shall be permitted for use by both sexes.

(5) Chapter 5, Water Heaters

- a. The board does not adopt Chapter 5, Water Heaters, except for the following sections:
 - (i) Chapter 501.0, General.
 - (ii) Chapter 501.1, Applicability.
 - (iii) Table 501.1(1), Water Heaters.
 - (iv) Chapter 505.1, Water Heaters.
 - (v) Chapter 505.2, Safety Devices.
 - (vi) Chapter 505.4, Indirect-Fired Water Heaters.
 - (vii) Chapter 505.4.1, Single-Wall Heat Exchanger.
 - (viii) Chapter 507.1, Dielectric Insulator.
 - (ix) Chapter 507.4, Ground Support.
 - (x) Chapter 507.5, Drainage Pan.
 - (xi) Chapter 507.24, Installation Instructions.

(6) Chapter 6, Water Supply and Distribution

- a. The board adopts Chapter 605.12.2, Solvent Cement Joints, as amended below:

605.12.2 Solvent Cement Joints. Solvent cement joints for PVC pipe and fittings shall be clean from dirt and moisture. Pipe shall be cut square and pipe shall be deburred. Where surfaces to be joined are cleaned and free of dirt, moisture, oil, and other foreign material, apply primer that complies with ASTM F656.

- b. The board does not adopt Chapter 609.12, Pipe Insulation, including 609.12.1 and 609.12.2.
- c. The board does not adopt Chapter 612.0, Residential Fire Sprinkler Systems, which includes Chapter 612.1, Where Required, through Chapter 612.7.2, Final Inspection and does not adopt any tables references therein.

(7) **Chapter 7, Sanitary Drainage**

- a. The board adopts Chapter 705.6.2, Solvent Cement Joints, as amended:

705.6.2 Solvent Cement Joints. Solvent cement joints for PVC pipe and fittings shall be clean from dirt and moisture. Pipe shall be cut square and pipe shall be deburred. Where surfaces to be joined are cleaned and free of dirt, moisture, oil and other foreign material, apply primer in that complies with ASTM F656.

- b. The board does not adopt Chapter 713.5, Permit.
- c. The board does not adopt Table 721.1, Minimum Horizontal Distance Required From Building Sewer (feet).

(8) **Chapter 8, Indirect Wastes**

- a. The Board adopts Chapter 807.3, Domestic Dishwashing Machine, as amended below:

807.3 Domestic Dishwashing Machine. Domestic dishwashing machines shall discharge indirectly through an air-gap into a waste receptor or standpipe installed in accordance to this code, or discharge into a wye branch fitting on the tailpiece of the kitchen sink or the dishwasher connection of a food waste disposal unit. The waste line from a domestic dishwashing machine that discharges into a kitchen sink tailpiece wye or food waste disposal unit shall connect though a deck mounted dishwasher air gap fitting, or the waste line shall rise to the underneath of the sink counter and be securely fastened.

(9) **Chapter 9, Vents**

- a. The board adopts Chapter 901.0, General, as amended below by adding the following:

...

901.4 Future Vents. In the basement of every new building there shall be an accessible future vent connection. Buildings that require a main vent stack shall have a future vent connection full size of the vent stack. In all other buildings (including residential) there shall be a minimum of a two inch future vent connection. All future vent connections shall be drip connected, identified, and labeled “Future Vent”.

- b. The board adopts Chapter 906.0, Vent Termination, as amended below:

906.1 Roof Termination. Each vent pipe or stack shall extend through its flashing and shall terminate vertically not less than two (2) feet (610 mm) above the roof nor less than one (1) foot (305 mm) from any vertical surface.

...

906.3 Use of Roof. Vent pipes shall be extended separately or combined, of full required size, not less than two (2) feet above the roof or firewall. Flagpoling of vents shall be prohibited except where the roof is used for purposes other than weather protection. Vents within ten (10) feet (3,048 mm) of any part of the roof that is used for such other purposes shall extend not less than seven (7) feet (2134 mm) above such roof and shall securely stay.

...

906.7 Frost or Snow Closure. Where frost or snow closure is likely to occur in locations having minimum design temperature below 0°F (-17.8°C), vent terminals shall be not less than two (2) inches (50 mm) in diameter, but in no event smaller than the required vent pipe. The change in diameter shall be made inside the building not less than one (1) foot (305 mm) below the roof in an insulated space and terminate not less than two (2) feet (610 mm) above the roof, or in accordance with the Authority Having Jurisdiction.

(10) **Chapter 11, Storm Drainage**

- a. The board does not adopt Chapter 1101.6, Subsoil Drains, which includes:
- (i) Chapter 1101.6.1, Discharge.
 - (ii) Chapter 1101.6.2, Sump.
 - (iii) Chapter 1101.6.3, Splash Blocks.
 - (iv) Chapter 1101.6.4, Backwater Valves.
 - (v) Chapter 1101.6.5, Open Area.
- b. The board does not adopt Chapter 1101.7, Building Subdrains.

- c. The board does not adopt Chapter 1101.8, Areaway Drains.
- d. The board does not adopt Chapter 1101.9, Window Areaway Drains.
- e. The board does not adopt Chapter 1101.10, Filling Stations and Motor Vehicle Washing Establishments.
- f. The board does not adopt Chapter 1101.11, Paved Areas.

(11) **Chapter 12, Fuel Gas Piping**

- a. The board does not adopt Chapter 12, Fuel Gas Piping.

(12) **Chapter 13, Health Care Facilities and Medical Gas and Medical Vacuum Systems**

- a. The board does not adopt Chapter 13, Health Care Facilities and Medical Gas and Medical Vacuum Systems.

STATUTORY AUTHORITY: 32 M.R.S. §§ 3403-A, 3403-B(1), 3302

EFFECTIVE DATE:

FIGURE A: Example future vent rough plumbing-

- 1) Connect into the drain pipe as a “drip connection” in the basement
- 2) Connect into the vent pipe above the flood rim of the fixtures on the first floor
- 3) Future vent pipe is a minimum of 2”

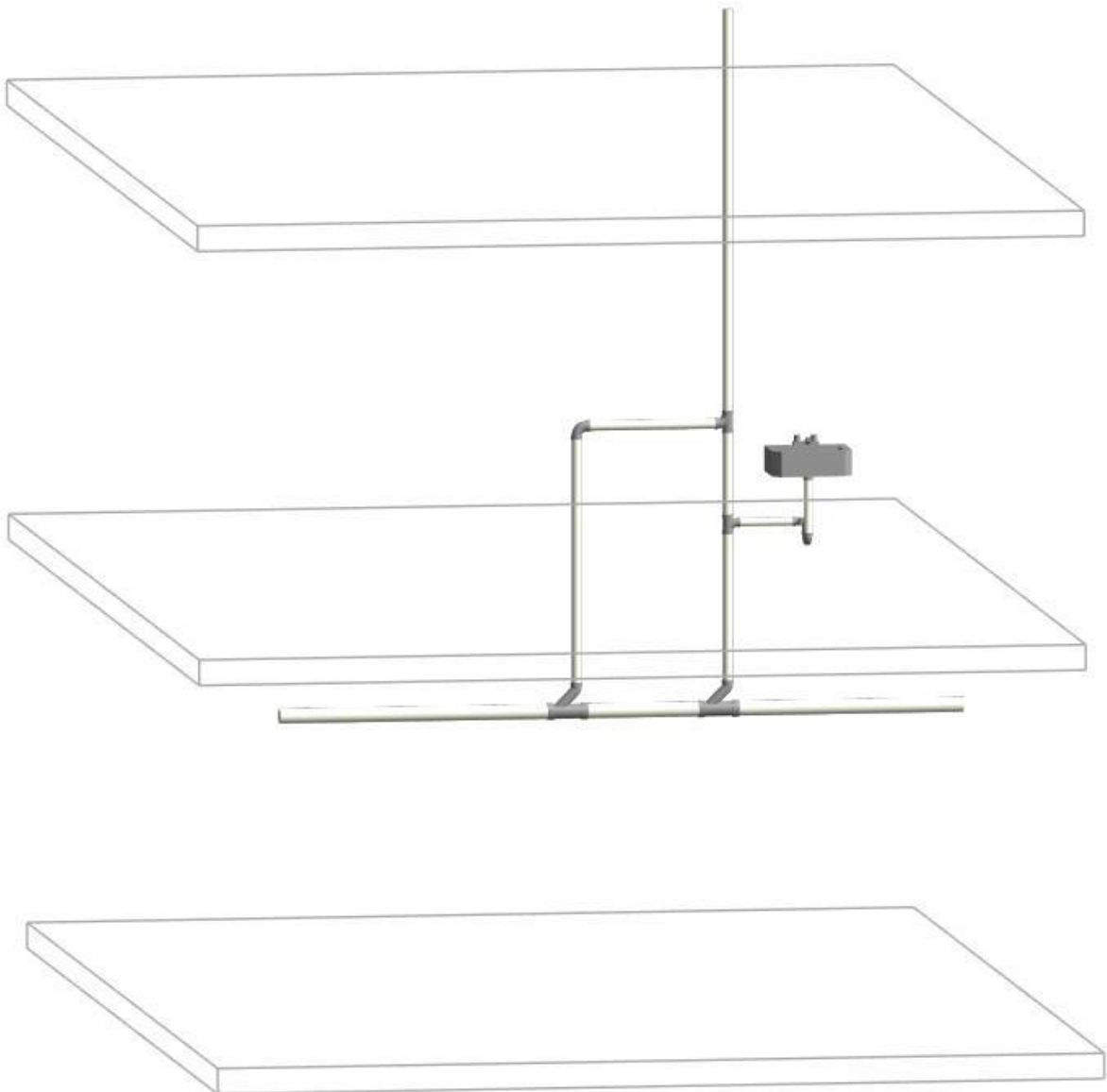


FIGURE B: Example forthcoming use of the future vent connections-

- 1) Vent is piped to properly vent the future/additional fixture(s) at the lower level
- 2) The existing drip connection is capped or used as a cleanout or used for lower pump connection

