



**CITY OF BARTLETT  
CODE AMENDMENTS TO THE**

**2021  
INTERNATIONAL  
PLUMBING  
CODE**

**AMEND Section 101.1 as follows:**

**101.1 Title.** These regulations shall be known as the Plumbing Code of the City of Bartlett TN, hereafter referred to as “this code.”

**AMEND Section 103.1 as follows:**

**103.1 Creation of agency,** The City of Bartlett, TN Code Enforcement Department is hereby created and the official in charge thereof shall be known as the *code official*. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code.

**AMEND Section 106.1 as follows:**

**106.1 Permit required.** A licensed *Plumbing Contractor* who desires to construct, enlarge, alter, move, demolish or change the *occupancy* of a building or structure, or to erect, install, remove, convert or replace any plumbing system, the installation of which is regulated by this code, or to cause any such work to be performed, shall first make application to the code official and obtain the required permit for work.

**AMEND Section 202 as follows:**

**Air Conditioning Unit.** The condensate or waste from an air conditioning unit shall be classified as a plumbing fixture and shall connect to the plumbing system as an indirect connection as per amendments of Chapter 3 of this Code.

**Board of Appeals.** Whenever the term “Board of Appeals” is used in the City of Bartlett Plumbing Code herein adopted, it shall mean the Code Appeals Board of Bartlett, Tennessee.

**Building Department.** Whenever the term “Building Department” is used in the technical codes herein adopted, it shall mean the Office of Code Enforcement of Bartlett, Tennessee.

**Building Official.** The officer or the other designated authority, or their duly authorized representative, charged with the administration and enforcement of the technical codes.

**Chief Appointing Authority.** Whenever the term “Chief Appointing Authority” is used in the technical codes herein adopted, it shall mean the Mayor of the City of Bartlett, Tennessee.

**City Municipality or Governing Body.** Whenever the word “City” or “Municipality” or “Governing Body” is used in the technical codes herein adopted, it shall mean the City of Bartlett, Tennessee.

**Code Official.** Whenever the term “*Code Official*” is used in the City of Bartlett Plumbing Code herein adopted, it shall mean the Director of the City of Bartlett Code Enforcement.

## PLUMBING CODE

**International Building Code.** Whenever the words “International Building Code” are used in the codes herein adopted, they shall mean the 2021 International Building Code with the City of Bartlett TN amendments.

**International Electrical Code.** Whenever the words “International Electrical Code” are used in the codes herein adopted, they shall mean the 2017 National Electrical Code (NEC) with the City of Bartlett TN amendments.

**International Fuel Gas Code.** Whenever the words “International Fuel Gas Code” are used in the codes herein adopted, they shall mean the 2021 International Fuel Gas Code with the City of Bartlett TN amendments.

**International Mechanical Code.** Whenever the words “International Mechanical Code” are used in the codes herein adopted, they shall mean the 2021 International Mechanical Code with the City of Bartlett TN amendments.

**International Plumbing Code.** Whenever the words “International Plumbing Code” is used in the codes herein adopted, they shall mean the 2021 International Plumbing Code with the City of Bartlett TN amendments.

**International Residential Code.** Whenever the words “International Residential Code” is used in the codes herein adopted, they shall mean the 2018 International Residential Code with the City of Bartlett TN amendments.

**Plumbing Contractor.** Whenever the term “Plumbing Contractor” is used in the Technical Codes herein adopted, it shall mean a plumbing contractor who holds a current license issued by State of Tennessee or Shelby County Construction Code Enforcement.

**Workmanship.** Workmanship shall mean that the plumbing system be installed uniform in slope, plumb, and level (as required) without stress or strain to piping or structure as required by Other sections of the Code. Valves, pipes and fitting shall be installed in correct relationship to the direction of flow.

### **AMEND Section 305.4.1 as follows:**

**305.4.1 Sewer depth.** Building sewers that connect to private sewage disposal systems shall be a maximum of 12 inches (305 mm) below finished grade at the point of septic tank connection. Building sewers shall be a minimum of 12 inches (305 mm) below grade. The dimensions shall be taken from the top of the pipe.

**AMEND Table 308.5 as follows:**

**Table 308.5** Copper or copper-alloy piping to be supported vertically at mid-story.

**ADD Section 314.2.1.2 as follows:**

**314.2.1.2 Drain connection location.** The Plumbing contractor shall provide a trap within 2 feet (610 mm) of equipment.

**ADD Section 314.2.1.3 as follows:**

**314.2.1.3 Pumped condensate.** The pump shall connect to the trap supplied by the plumbing contractor.

**ADD Section 314.2.1.4 as follows:**

**314.2.1.4 Alternate condensate disposal.** When the condensate drain(s) cannot be connected to the drainage system as determined by the Plumbing Inspector, an alternate method of disposal may be used with prior approval from Plumbing Inspector.

**AMEND Section 421.3 as follows:**

**421.3 Shower waste outlet.** Waste outlets serving showers shall be at least 2 inches (51 mm) in diameter and, for other than waste outlets in bathtubs, shall have removable strainers not less than 3 inches (76 mm) in diameter with strainer openings not less than ¼ inch (6.4 mm) in least dimension. Where each shower space is not provided with an individual waste outlet, the waste outlet shall be located and the floor pitched so that waste from one shower does not flow over the floor areas serving another shower. Waste outlets shall be fastened to the waste pipe in an *approved* manner.

**ADD Section 423 as follows:**

**423.4 Pedicure tubs.** Pedicure tubs shall be trapped as a sanitary fixture on gravity drain types. When they have a pump discharge, they must be hard piped to a deep seal trap or wash machine box. When tub filler is below rim, a double check valve is required.

**ADD Section 422.4 as follows:**

**422.4 Floor sinks.** Floor sinks shall be installed a minimum of ½” inch (13 mm) above finished floor.

**ADD Section 503.3 as follows:**

**503.3 Water connections to water heaters.** All water connections to water heaters shall be made with material from Table 605.4. Flexible connectors shall not be used. Water cutoff valve shall not be located above tank cylinder.

**AMEND Section 504.7.1 as follows:**

**504.7.1 Pan size and drain.** The pan shall be not less than 4 inches deep when installed on the first floor and shall be of sufficient size and shape to receive all dripping or condensate from the tank or water heater. The pan shall be drained by an indirect waste pipe having a minimum diameter of 1 inch or the outlet diameter of the required relief valve, whichever is larger. When the water heater is installed in the attic, a pan shall not be less than 6 inches (152 mm) deep and shall be 36 inches (914 mm) in diameter or 30 inches (762 mm) X 30 inches (762 mm) square. T&P valve piping shall be corrosion resistant and have a minimum pressure rating of 100 psi at 180 degree Fahrenheit as per Section 605.4. When multiple pan drains are piped together. The drain pipe from junction to termination will be increased one pipe size for each additional water heater connected to the drain. The maximum number of water heater pan drains shall be limited to four, with the maximum drain being 2 inches (51 mm) in diameter.

**AMEND Section 504.7.2 as follows:**

**504.7.2 Pan Drain Termination.** The pan drain shall extend full-size and terminate over a suitably located indirect waste receptor or floor drain or extend to the exterior of the building and terminate not less than 6 inches (152 mm) and not more than 24 inches (610 mm) above the adjacent ground surface. A 90-degree ell turned down must be installed at the termination of the pan drain. The termination must be visible.

**AMEND Section 603.1 as follows:**

**603.1 Size of Water Service Pipe.** The water service pipe shall be sized to supply water to the structure in the quantities and at the pressures required in this Code. The water service pipe shall be not less than 1 inch (25 mm) in internal diameter.

**ADD Section 603.1.1 as follows:**

**603.1.1 PVC Water Service.** PVC underground water service pipe shall have a minimum wall thickness of SCH. 40 with permanent identification markings.

**AMEND Table 605.3 as follows:**

**Table 605.3** Delete all references to Type M copper, WM copper.

**AMEND Table 605.4 as follows:**

**Table 605.4** Delete all references to Type M copper, WM copper.

**AMEND Section 608.17.5 as follows:**

**608.17.5 Connections to lawn irrigation systems.** The potable water supply shall be protected against backflow by a reduced pressure backflow prevention assembly. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure backflow prevention assembly.

**ADD Section 608.18.9 as follows:**

**608.18.9 Wells.** All wells serving irrigation systems shall have a reduced press backflow preventer protecting the well from backflow or back pressure.

**AMEND Section 702.3 as follows:**

**702.3 Building sewer pipe.** No building sewer shall be less than 4 inches (102 mm) in diameter with the exception of forced lines. When plastic pipe is used on lines 4 inches (102 mm) and smaller, it shall have a wall thickness not less than SCH. 40 (0.237 inches or 6mm).

**AMEND Table 709.1 as follows:**

**T709.1 Shower trap** - Minimum size of trap shall be 2 inches (51 mm).

**ADD Sections 802.1.4.1 through 802.1.4.6 as follows:**

**802.1.4.1 Waste Water Disposal, Generally.** All waste water from public, semi-public, or permanent private swimming pools and wading pools shall have an indirect connection to the sanitary sewer and/or such connections and type of disposal shall be as determined by the Shelby County Health Department.

**802.1.4.2 Discharge location.** No waste water from a permanent or temporary type swimming pool or wading pool shall drain any water on any premise so as to permit waste water to run on adjoining premises. No waste water shall drain into the surface or into a storm water drain system.

**802.1.4.3 Above ground pools.** Pool contractor shall furnish owner with a flexible hose to discharge waste water to sewer connection for above ground pools.

**802.1.4.4 In ground pools.** In ground pools shall be permanently connected to the sanitary sewer.

**802.1.4.5 Waste and deck drain piping.** Waste and deck drain piping for pools shall comply with the provisions set forth in Chapters 3 and 8 of this code, as applicable to building sewers and underground piping within building.

**802.1.4.6 Deck drain disposal.** Any deck drain located within seven feet of pool edge shall waste to sanitary system through catch basin. All others shall waste to grade or storm system. Deck shall be designed so that surface water, other than that within the 7 foot (2.17 M) limit, shall not enter sanitary system.

**AMEND Section 903.1.1 as follows:**

**904 3.1.1 Roof extension.** Open vent pipes that extend through a roof shall be terminated not less than 10 inches (254 mm) above the roof.

**AMEND Section 903.1.2 as follows:**

Where a roof is to be used as a promenade, restaurant, bar, or sunbathing deck, as an observation deck, or for similar purposes, open vent extension shall terminate not less than 10 feet (3.05 M) above the roof used for receptional or assembly purposes.

**ADD Section 1303.1.1 as follows:**

**1301.1.1 Connection between nonpotable water systems.** No connection between on-site nonpotable water reuse systems and nonpotable rainwater collection and distribution systems are allowed. No connection between nonpotable rainwater collection and distribution systems and sanitary drainage systems are allowed.