



**PLUMBING CODE AMENDMENTS
TO THE**

**2015
INTERNATIONAL
PLUMBING
CODE**

2015 International Plumbing Code with City of Bartlett Amendments

Delete section 106.1 and replace with the following:

{A} **106.1 When Permit required:** A Licensed 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.

DEFINITIONS

ADD THE FOLLOWING TO SECTION 202:

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

Administrative Authority. Whenever the term “Administrative Authority” is used in the City of Bartlett Plumbing Code herein adopted, it shall mean the Building Official.

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 Construction 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.

International Building Code. Whenever the words “International Building Code” are used in the codes herein adopted, they shall mean the 2015 International Building Code with Local 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 Local Amendments.

International Fuel Gas Code. Whenever the words “International Fuel Gas Code” are used in the codes herein adopted, they shall mean the 2015 International Fuel Gas Code with Local Amendments.

International Mechanical Code. Whenever the words “International Mechanical Code” are used in the codes herein adopted, they shall mean the 2015 International Mechanical Code with Local Amendments

International Plumbing Code: Whenever the words “International Plumbing Code” is used in the codes herein adopted, they shall mean the 2015 International Plumbing Code with Local Amendments.

Licensed Contractor. Licensed Contractor will be the same as Plumbing Contractor as defined by the State of Tennessee Licensing Board.

Master Plumber. The term “Master Plumber” as used in the Technical Codes is defined to be any individual duly licensed by the State of Tennessee or Shelby County Office of Construction Code Enforcement with all the privileges afforded a journeyman plumber and with the added privilege of engaging in the plumbing business solely or in supervision of others.

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.

Plumbing Section. Whenever the term “Plumbing Section” is used in the City of Bartlett Plumbing Code herein adopted, it shall mean the Plumbing Section of the City of Bartlett Office of Construction Code Enforcement.

State of Tennessee Licensed Plumbing Contractor. Defined as a Contractor licensed by the State of Tennessee who is not required to have a journeyman plumber or apprentice plumber on the job site. Also, employees are not required to be registered.

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 305.6.1 AS FOLLOWS:

305.4.1 Sewer depth. - Building sewers that connect to private sewage disposal systems shall be a maximum of 12 inches below finished grade at the point of septic tank connection. Building sewers shall be a minimum of 12 inches below grade.

AMEND TABLE 308.5 AS FOLLOWS:

Table 308.5 Copper or copper-alloy piping to be supported vertical at mid-story. Copper or copper-alloy tubing 1-1/4 inch in diameter and smaller to be supported vertical at mid-story.

Copper or copper-alloy tubing 1-1/2 inch in diameter and larger to be supported vertical at mid-story.

ADD SECTIONS 314.2.1 (A),(B), & (C) AS FOLLOWS:

314.2.1(A) the approved place in section 314.2.1 shall be an active trap or vent pipe.

314.2.1(B) the Plumbing contractor shall provide a trap within two feet of equipment.

314.2.1(C) Pumped condensate. The pump shall connect to the trap supplied by the plumbing contractor

AMEND SECTION 417.3 AS FOLLOWS:

417.3 Shower Waste Outlet. - Waste outlets serving showers shall be at least 2 inches in diameter and, for other than waste outlets in bathtubs, shall have removable strainers not less than 3 inches in diameter with strainer openings not less than 0.25 inch in minimum 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 427.1.1

427.1.1 Floor sinks shall be installed 1/2" A.F.F.

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 and shall be 36" round or 36"X36" 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 two inches in diameter.

DELETE SECTION 504.7.2 and replace entirely with the following:

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 the Code. The minimum nominal inside diameter of water service pipe shall be 1 inch.

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 .

ADD THE FOLLOWING

605.4.1 Water distribution piping:

All concealed water piping within or under a structure shall be type ‘L’ or higher grade copper, cpvc or cross-linked Polyethylene as approved in table 605.4 of the IPC.

DELETE The references to Atmospheric Vacuum breaker and pressure vacuum breaker from SECTION 608.16.5

608.16.5 Pool water supply there shall be no direct connection between any potable water and a circulation pump, filter, water softener or other apparatus that come into contact with the pool water without going thru a backflow preventer.

ADD SECTION 608.17.9 AS FOLLOWS:

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

ADD SECTION 702.3.1 AS FOLLOWS:

702.3.1 Building Sewer Pipe. - Delete and substitute with the following: No building sewer shall be less than 4 inches in size with the exception of forced lines. When plastic pipe is used on lines 4 inches and smaller, it shall have a wall thickness of at least than SCH. 40.

AMEND TABLE 709.1 AS FOLLOWS:

T709.1 Shower Trap - Minimum size of trap shall be 2”.

ADD SECTION 802.1.4.1 through 802.1.4.6 as FOLLOWS

Waste Water Disposal, Generally

802.1.4.1 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 Health Department.

802.1.4.2 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.

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

802.1.4.4 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 the Joint Plumbing Code, as applicable to building sewers and underground piping within building.

802.1.4.6 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 seven foot limit, shall not enter sanitary system.

AMEND SECTION 904.1 AS FOLLOWS:

904.1 Roof Extension. All open vent pipes that extend through a roof shall be terminated at least 10 inches above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extension shall be run at least 10 feet above the roof.