

Modifications to the 2018 International Plumbing Code in the City of Maryville

12-202. Local Modifications: The following sections and appendices of the International Plumbing Code, 2018 Edition, are hereby amended in the City of Maryville, as hereinafter provided:

(1) Chapter 1, Scope and Administration: Section 101.1 Title, is hereby amended locally in the City of Maryville by inserting "City of Maryville" as the name of the jurisdiction.

(2) Chapter 1, Scope and Administration: 101.2 Scope, is hereby locally amended in the City of Maryville by deleting the third and fourth sentences, and at the end of the first paragraph inserting:

"The provisions of the International Plumbing Code 2018 Edition shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system. The provisions of private sewage disposal systems shall comply with the regulations of the Blount County Environmental Health Department.

Provisions in the appendices shall not apply unless specifically adopted. The following Appendices are specifically included in the adoption. All others are excluded.

- Appendix B Rates of Rainfall for Various Cities
- Appendix C Vacuum Drainage System
- Appendix D Degree Day and Design Temperatures
- Appendix E Sizing of Water Piping System
- Appendix F Structural Safety

Exception: Detached one- and two- family dwellings and multiple single family dwellings (townhouse) not more than three stories high with separate means of egress and their accessory structures shall comply with the *International Residential Code*."

(3) Chapter 1, Scope and Administration: Section 101 General, is hereby locally amended in the City of Maryville by adding the following Sub-section:

"101.5 Conflicts with other City of Maryville Rules, Regulations, Rates, and Policies. When any provisions of this code conflicts with provisions addressed in the City of Maryville Water and Sewer Department Rules and Regulations, the City of Maryville Title 19 Chapter 6 Stormwater Discharges Ordinance, or the City of Maryville Land Development and Public Works Standards Part 1 – Drainage and Construction Standards the most restrictive provision shall be enforced. If no determination can be made by the Building Official about which is the "most restrictive" then this code shall not apply."

(4) Chapter 1, Scope and Administration: Section 103.1 Creation of enforcement agency, is

hereby amended locally in the City of Maryville by deleting Section 103.1 in its entirety and replacing with the following:

“103.1 Building Official. The provisions of this code shall be enforced by the Building Official.”

(5) Chapter 1, Scope and Administration: Section 106.5.3 Expiration. is hereby amended locally in the City of Maryville by deleting in its entirety and the following substituted in lieu thereof:

“106.5.3 Expiration. Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 60 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 30 days after the time the work is commenced. Work authorized by that permit shall be completed within the time frame set forth in the building permit associated with the same construction project, or within one year if a building permit has not been issued for the construction project. Extensions of time may be granted by the Building Official; however, the extension must be requested in writing and justifiable cause demonstrated. The building official is authorized to grant, in writing, one or more extensions of time. Each extension shall be for a period of time not to exceed 180 days. A fee of fifty percent (50%) of the permit fee of the original permit shall be charged to cover administrative expenses for each extension granted.”

(6) Chapter 1, Scope and Administration: Section 106.6 Fee Schedule. is hereby amended by deleting the section and its subsections in their entirety and replacing with:

“Section [A] 106.6 Fee schedule. Fees shall be as adopted by the City of Maryville, Tennessee. Refund of fees shall be subject to fee refund policy as established by the Building Official.”

(7) Chapter 1, Scope and Administration: Section 107 Inspection and Testing. is hereby amended by adding the following section:

"107.8 Building Occupancy. A new building shall not be occupied or a change made in occupancy or the nature or the use of a building or part of a building until after the Building Official has issued a Certificate of Occupancy. Said certificate shall not be issued until the following have been tested and or approved by the appropriate agency or department."

- Fire protection systems
- Mechanical Systems
- Utility systems
- Site work beyond the confines of the building
- General building construction requirements”

(8) Chapter 1, Scope and Administration: Section 108, Violations is hereby locally amended to add the following section:

"108.8 Cesspool, septic tanks, etc. It is mandatory that every cesspool, septic tank, and seepage pit, which has been abandoned or has been discontinued otherwise from further use or to which no waste or soil pipe from a plumbing fixture is connected, shall have the sewage removed therefrom and be completely filled with earth, sand, gravel, concrete, or other approved material.

The top cover or arch over the cesspool, septic tank, or seepage pit shall be removed before filling and the filling shall not extend above the top of the vertical portions of the sidewalls or above the level of any outlet pipe until inspected and approved by the City of Maryville Water and Sewer Department Utility Construction Inspector, following which the cesspool septic tank or seepage pit shall be filled to the level of the top of the ground."

(9) Chapter 1, Scope and Administration: Section 108.4, Violation and Penalties, is hereby locally amended in the City of Maryville by deleting the section in its entirety and insert in its place:

"108.4, Violation and Penalties. Any person, firm, corporation, tenant, owner or agent who shall violate a provision of this code, or fail to comply therewith or with any of the requirements thereof, or who shall erect, construct, alter, demolish, or move any structure, or has erected, constructed, altered, repaired, moved, or demolished a building or structure in violation of a detailed statement or drawing submitted and permitted thereunder, or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law and the enforcement and penalty clause of this Ordinance."

(10) Chapter 1, Scope and Administration: Section 109 Means of Appeal, is hereby amended locally in the City of Maryville by deleting in its entirety and the following substituted in lieu thereof:

"Section 109 Construction Board of Adjustments and Appeals

109.1 Appeals relative to the application of this code shall be as established and regulated by the International Building Code as locally adopted and amended in the City of Maryville."

(11) Chapter 3, General Regulations: Section 303.3 Plastic Pipe, Fittings, and Components, is hereby amended locally in the City of Maryville by adding the following at the end of the existing paragraph:

"The use of coextruded PVC pipe in outside building sanitary sewers is prohibited. Its use in storm drains and storm sewers shall be at the discretion of the local authority."

(12) Chapter 4, Fixtures, Faucets and Fixture Fittings, Section 403.3, Required public toilet facilities, is hereby amended locally in the City of Maryville by inserting the following at the end of the exception:

"Unenclosed pavilions and similar structures with a floor area of one thousand square feet or less and not served with water and sewer services shall not be

required to provide public toilet facilities or other plumbing fixtures. For the purpose of this section guards, whether required or not, shall not be considered to enclose the structure.”

(13) Chapter 6, Water Supply and Distribution: Section 603.2 Separation of Water Service and Building Sewer; Exception 1. is hereby amended locally in the City of Maryville by replacing "minimum of 12 inches" with "minimum of 18 inches"

(14) Chapter 7, Sanitary drainage, Section 701.2, Sewer required. is hereby amended locally in the City of Maryville by deleting “*International Private Sewage Disposal Code*” and replace with the following:

“regulations of the Blount County Environmental Health Department.”

(15) Chapter 7, Sanitary Drainage: Section 701.3 Separate sewer connection. is hereby amended locally in the City of Maryville by adding the following as the last sentence to the paragraph:

“A common building sewer line must be a minimum of six (6) inches diameter.”

(16) Chapter 7, Sanitary Drainage: Tables 702.3 and 702.4 are hereby amended locally in the City of Maryville by deleting in their entirety and the following added in their place:

“702.3 Approved Material: Building Sewer Pipe and Pipe Fittings. Only the following materials will be accepted in the installation of building sewer pipes and fittings:

1. Cast iron soil pipe and fittings,
2. Brass fittings,
3. Bronze fittings,
4. Type 1 PVC pipe and fittings, minimum schedule 40 (ASTM 0-2665),
5. ASTM D - 3034 PVC pipe encapsulated with six (6) inches of bedding material (Size no. 7 or 67 crushed stone) on the top, both sides, and the bottom of the pipe,
6. Ductile iron pipe and fittings.”

(17) Chapter 7, Sanitary Drainage: Section 702 Materials is hereby amended locally in the City of Maryville by adding the following section:

"702.7 Co-Mingling. Co-mingling of materials in the building sewer shall be accomplished only through the use of neoprene adapters with stainless steel bands.”

(18) Chapter 7, Sanitary Drainage: Section 704.1 Drainage piping installation. is hereby amended locally in the City of Maryville by inserting after Table 704.1 the following:

“Notwithstanding the above, four (4) inch nominal diameter building sewer drainage piping shall have a minimum fall of 1/4 inch per foot, and six (6) inch nominal diameter building sewer drainage piping shall have a minimum fall of 1/8 inch per foot.”

(19) Chapter 7, Sanitary Drainage: Section 705.3 Asbestos cement. is hereby amended locally in the City of Maryville by deleting the section in its entirety and inserting the following in its place:

"705.3 Asbestos cement. Asbestos – cement pipe and fittings are prohibited."

(20) Chapter 7, Sanitary Drainage: Section 705.6 Concrete joints. is hereby amended locally in the City of Maryville by deleting the section in its entirety and inserting the following in its place:

"705.6 Concrete joints. Concrete pipe and fittings are prohibited."

(21) Chapter 7, Sanitary Drainage: Section 706.1 Connections and changes in directions. is hereby amended locally in the City of Maryville by inserting at the end:

"Bends greater than 45 degrees shall be prohibited in the building sewer."

(22) Chapter 7, Sanitary Drainage: Section 708.1.3 Building drain and building sewer junction. is hereby amended locally in the City of Maryville by deleting the section in its entirety and inserting the following in its place:

"708.1.3 Building drain and building sewer junction. The first exterior cleanout shall be located a minimum of three (3) feet but no more than five (5) feet from the exterior wall of the building without prior approval of the plumbing official. The use of two-way cleanouts is prohibited."

(23) Chapter 7, Sanitary Drainage: Section 708.1.4 Changes of direction. is hereby amended locally in the City of Maryville by deleting the section in its entirety and inserting the following in its place:

"708.1.4 Changes of direction. Cleanouts shall be installed at each change of direction of the building sewer which is greater than 90 degrees. (Please note that this change may be accomplished with two or more fittings. Example - Two 45 degree bends and a 22 1/2 degree bend installed in succession shall require a cleanout be installed between them regardless length of separation.) "

(24) Chapter 7, Sanitary Drainage: Section 708.1.5 Minimum Size. is hereby amended locally in the City of Maryville by deleting the section in its entirety and inserting the following in its place:

"708.1.5 Minimum size. Building sewer cleanouts shall be the same nominal size as the pipe they serve."

(25) Chapter 7, Sanitary Drainage: Section 708.1.9 Clearances. is hereby amended locally in the City of Maryville by deleting the section in its entirety and inserting the following in its place:

"708.1.9 Clearances. All building sewer cleanouts shall be provided with clearance of not less than 36 inches (914 mm) for rodding."

(26) Chapter 7, Sanitary Drainage: Section 708.2 Cleanout plugs. is hereby amended locally in the City of Maryville by deleting the sentences:

"Plugs shall have raised square or countersunk heads. Countersunk heads shall be installed where raised heads are a trip hazard." and replacing with:

"Cleanout plugs shall have countersunk heads or be of the recessed slot type only."

(27) Chapter 7, Sanitary Drainage: Section 708.3.2 Building sewers. is hereby amended locally in the City of Maryville by deleting "100 feet" in the first sentence and replacing with "80 feet" and deleting "400 feet (122 m) apart." in the last sentence and replacing with "350 feet (106.7 m) apart." at the end of the second sentence.