

2018 International Plumbing Code

SECTION

1. Plumbing code adopted.
2. Local modifications.

SECTION 1. Plumbing Code Adopted. Pursuant to authority granted by Contract No. TV- 60000A between the Tellico Reservoir Development Agency and the Tennessee Valley Authority and for the purpose of regulating plumbing installations, including alterations, repairs, equipment, appliances, fixtures, fittings, and the appurtenances thereto, within or when such plumbing is or is to be connected with the local water or sewerage system, the International Plumbing Code, 2018 Edition, and subsequent modifications thereto, as prepared and adopted by the International Code Council, is hereby adopted and incorporated by reference as a part of this Code except as particularly stated otherwise in this Chapter, and is hereinafter referred to as the "Plumbing Code."

The Agency does not incorporate by reference any changes or amendments adopted by the agency or association that promulgates the Plumbing Code unless such changes or amendments are subsequently expressly adopted by the Tellico Reservoir Development Agency.

Section 2. Local Modifications: The following sections and appendices of the International Plumbing Code, 2018 Edition, are hereby amended by the Tellico Reservoir Development Agency, as hereinafter provided:

(1) Chapter 1, Scope and Administration: Section 101.1 Title, is hereby amended locally by the Agency by inserting "Tellico Reservoir Development Agency" as the name of the jurisdiction.

(2) Chapter 1, Scope and Administration: 101.2 Scope, is hereby locally amended by the Tellico Reservoir Development Agency 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. 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 Structural Safety
- Appendix D Degree Day and Design Temperatures
- Appendix E Sizing of Water Piping System

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.*”

(4) Chapter 1, Scope and Administration: Section 103.1 Creation of enforcement agency is hereby amended locally by the Tellico Reservoir Development Agency 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 by the Tellico Reservoir Development Agency 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 Tellico Reservoir Development Agency. 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 to add 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

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

(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.

(9) Chapter 1, Scope and Administration: Section 108.4, Violation and Penalties, is hereby locally amended by the Tellico Reservoir Development Agency 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.”

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

“Section 109 Design Review Committee

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 by the Tellico Reservoir Development Agency.”

(11) Chapter 3, General Regulations: Section 303.3 Plastic Pipe, Fittings, and Components, is hereby amended locally by the Tellico Reservoir Development Agency 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 7, Sanitary Drainage: Section 701.2 Sewer required if hereby amended locally by Tellico Reservoir development Agency by deleting “*International Private Sewage Disposal Code*” and replacing with the following:

As required in the 60000A Contract between the Tellico Reservoir Development Agency and TVA and as required by local water and sewer utilities.

(13) Chapter 7, Sanitary Drainage: Section 701.3 Separate sewer connection, is hereby amended locally by the Tellico Reservoir Development Agency 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."

(14) Chapter 7, Sanitary Drainage: Tables 702.3 and 702.4 are hereby amended locally by the Tellico Reservoir Development Agency 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."

(15) Chapter 7, Sanitary Drainage: Section 702 Materials is hereby amended locally by the Tellico Reservoir Development Agency 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.

(16) Chapter 7, Sanitary Drainage: Section 704.1 Drainage piping installation, is hereby amended locally by the Tellico Reservoir Development Agency 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."

(17) Chapter 7, Sanitary Drainage: Section 705.3 Asbestos cement, is hereby amended locally by the Tellico Reservoir Development Agency 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."

(18) Chapter 7, Sanitary Drainage: Section 705.6 Concrete joints, is hereby amended locally by

the Tellico Reservoir Development Agency by deleting the section in its entirety and inserting the following in its place:

“705.6 Concrete joints. Concrete pipe and fittings are prohibited.”

(19) Chapter 7, Sanitary Drainage: Section 706.1 Connections and changes in directions. is hereby amended locally by the Tellico Reservoir Development Agency by inserting at the end:

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

(20) Chapter 7, Sanitary Drainage: Section 708.1.3 Building drain and building sewer junction. Is hereby amended locally by the Tellico Reservoir Development Agency 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.”

(21) Chapter 7, Sanitary Drainage: Section 708.1.4 Changes of direction. is hereby amended locally by the Tellico Reservoir Development Agency by deleting the section in its entirety and inserting the following in its place:

“708.1.4 Changes of direction. Section 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 ½ degree bend installed in succession shall require a cleanout be installed between them regardless length of separation.)”

(22) Chapter 7, Sanitary Drainage: Section 708.1.5 Cleanout Size. Is hereby amended locally by the Tellico Reservoir Development Agency 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 the pipe they serve.”

(23) Chapter 7, Sanitary Drainage: Section 708.1.9 Clearances. Is hereby amended locally by the Tellico Reservoir Development Agency 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 the 36 inches (914 mm) for rodding.”