

CITY OF BRANSON – MUNICIPLE CODE
Chapter 18 – BUILDINGS AND BUILDING REGULATIONS
ARTICLE VI. – PLUMBING CODE

Sec. 18-135. - International Plumbing Code.

- (a) *Adopted.* The International Plumbing Code, 2018 edition, published by the International Code Council, Inc., a copy of which is on file in the office of the city clerk, is hereby adopted by the city with the additions, insertions, deletions and changes, if any, prescribed herein.
- (b) *Amendments.* The code adopted by subsection (a) of this section is hereby amended by substituting the following sections or portions of sections for those sections or portions of sections with corresponding numbers of the International Plumbing Code, 2018 edition, or where there is no corresponding section in the code, the following sections shall be enacted as additions to the code:

Section 101.1 Title. These regulations shall be known as the International Plumbing Code of the "The City of Branson", hereinafter referred to as "this code".

Section 106.6.1 Work commencing before permit issuance: See Article 1 of this chapter.

Section 106.6.2 Fee Schedule. See Article I of this chapter.

Delete in its entirety *Section 106.6.3 Fee Refunds.*

Section 106.6.3 Fee Refunds. See Article I of this chapter.

Delete in its entirety *Section 108.4 Violation Penalties.*

Section 108.4 Violation Penalties. See Chapter 1 of this Code.

Section 108.5 Stop Work Orders. See Article I of this chapter.

Delete in its entirety *Section 301.4.*

Section 301.4 Connections to water supply. Every plumbing fixture, device or appliance requiring or using water for its proper operation shall be directly or indirectly connected to a public water supply system in accordance with the provisions of this code.

Section 305.4 Freezing. Water, soil and waste pipes shall not be installed outside of a building, in attics or crawl spaces, concealed in outside walls, or in any other place subjected to freezing temperatures unless adequate provision is made to protect such pipes from freezing by insulation or heat or both. Exterior water supply system piping shall be installed not less than 6 inches below the frost line and not less than 18 inches below grade.

Section 305.4.1 Sewer Depth. Insert: 18 and 18 (In both places)

Section 306.2 Trenching and bedding. Building sewers shall meet or exceed the City's Specifications as contained in the Code.

Section 306.2.1 Over excavation. Building sewers shall meet or exceed the City's Specifications as contained in the Code.

Section 306.2.2 Rock Removal. Building sewers shall meet or exceed the City's Specifications as contained in the Code.

Section 306.2.3 Soft load-bearing materials. Building sewers shall meet or exceed the City's Specifications as contained in the Code.

Section 306.3 Backfilling. Building sewers shall meet or exceed the City's Specifications as contained in the Code.

Delete in its entirety *Section 312.6 Gravity sewer tests.*

Section 312.6 Gravity sewer test. Gravity sewer test shall consist of plugging the end of the building sewer at the point of connection with the public sewer, filling the building sewer with water, testing with not less than a 10-foot head of water above the highest fitting connection in that section, or to the highest point in the completed system and maintaining such pressure for a period of 15 minutes and the system shall prove leak free by visual inspection or applying an air pressure of 5 psi and maintaining such pressure without introduction of additional air for a period of 15 minutes.

Delete in its entirety *Section 312.7 Forced sewer test.*

Section 312.7 Forced sewer test. Forced sewer tests shall consist of plugging the end of the building sewer at the point of connection with the public sewer and applying a pressure of 25 psi, and maintaining such pressure without introduction of additional air for a period of 15 minutes.

Sections 602.3, 602.3.1, 602.3.2, 602.3.3, 602.3.4, 602.3.5 and 602.3.5.1. Delete in their entirety.

Delete in its entirety *Section 606.1 Location of full-open valves.*

Section 606.1 Location of full-open valves. Full-open valves shall be installed in the following location:

1. On the water distribution supply pipe at the entrance into the structure.
2. On the discharge side of every water meter outside of the meter pit or vault.
3. On the base of every water riser pipe in occupancies other than multiple-family residential occupancies that are two stories or less in height and in one- and two-family residential occupancies.
4. On the top of every water down-feed pipe in occupancies other than one- and two-family residential occupancies.
5. On the entrance to every water supply pipe to a dwelling unit, except where supplying a single fixture equipped with individual stops.
6. On the water supply pipe to a gravity or pressurized water tank.
7. On the water supply pipe to every water heater.

Section 608.1 General. Connections to the public water supply shall meet or exceed the Missouri Department of Natural Resources Division 60-Public Drinking Water Program Chapter 11-Backflow Prevention Code of State Regulations and the City of Branson Cross Connection Control Ordinance.

Delete in its entirety *Section 608.16.5 Connections to lawn irrigation systems.*

Section 608.16.5 Connections to lawn irrigation systems. The potable water supply to lawn irrigation systems shall be protected against backflow by double check backflow prevention assembly or a reduced pressure principle backflow preventer. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principle backflow preventer.

Delete in its entirety *Section 701.2 Sewer required.*

Section 701.2 Connection to Sewer required. Every building in which plumbing fixtures are installed and all premises having drainage piping shall be connected to a public sewer.

Delete in its entirety *Section 702.3 Building sewer pipe.*

Section 702.3 Building sewer pipe. ;p1; Building sewer service pipe shall meet or exceed specifications of polyvinyl chloride (PVC) plastic pipe in IPS 4 inch diameter schedule 40 with a solid wall meeting the ASTM Standards as listed in Table 702.3.

Delete in its entirety *TABLE 702.3 BUILDING SEWER PIPE*

TABLE 702.3 BUILDING SEWER PIPE

Cast-iron pipe	ASTM A 74, ASTM A 888, CISPI 301
Polyvinyl chloride (PVC) plastic pipe in IPS diameters, schedule 40; with solid wall.	ASTM D 2665, ASTM F891, ASTM F148
Stainless steel drainage systems, Types 304 and 316L	ASME A 112.3.1

Section 706.3 Installation of fittings.

Exceptions:

2. Short and long sweeps shall be prohibited on buildings sewers.

Delete in its entirety *Section 707.1 Prohibited joints.*

Section 707.1 Prohibited joints. The following types of joints and connections shall be prohibited:

1. Cement or concrete joints.
 - a. Except when connecting to a vitrified clay public main.
2. Mastic or hot-pour bituminous joints.
3. Joints made with fittings not approved for the specific installation.
4. Joints between different diameter pipes made with elastomeric rolling O-rings.
5. Solvent-cement joints between different types of plastic pipe.
6. Saddle-type fittings.
 - a. Except when connecting to a public main.

Delete in its entirety *Section 708.1.2 Building sewers.*

Section 708.1.2 Building sewers. Building sewers shall be provided with single-way cleanouts located every 50 feet or two-way cleanouts every 100 feet. All portions of the building sewer shall be reachable within 50 feet of a cleanout. Cleanouts shall extend to finished grade with an appropriate cap.

Delete in its entirety *Section 708.1.3 Building drain and building sewer junction* .

Section 708.1.3 Building drain and building sewer junction. There shall be a cleanout within 5 feet of the junction of the building drain and the building sewer. The cleanout shall be outside the building wall and shall be brought up to the finished ground level. An approved two-way cleanout is allowed to be used at this location to serve as a required cleanout for both the building drain and building sewer. The minimum size of the cleanout at the junction of the building drain and building sewer shall comply with section 708.7.

Delete in its entirety *Section 708.1.4 Changes of direction.*

Section 708.1.4 Changes of direction. Cleanouts shall be installed at each change of direction greater than 45 degrees in the building drain and horizontal waste or soil lines. Where more than one change of direction occurs in a run of piping, only one cleanout shall be required for each 40 feet of developed length of the drainage piping.

Section 708.1.8 Installation arrangement.

Exception:

3. Building sewers may use two-way cleanouts in an upright position.

Section 904.1 Roof Extensions. All open vent pipes that extend through a roof shall be terminated at least 18 inches above the roof, except that where a roof is to be used for any purpose in addition to weather protection, the vent extensions shall be run at least seven feet above the roof.

Section 1003.1 Where required. The City's Fats, Oils, and Grease Program shall be the minimum standard.