

Sec. 18-44. International Plumbing Code – Adopted and Amended.

(A) A certain document, one copy of which is on file in the City Clerk's Office of the City of Peoria, being marked and designated as "International Plumbing Code, ~~2015~~ 2018 Edition," published by the International Code Council Inc., is hereby adopted, as amended herein, as the Plumbing Code of the City of Peoria.

(B) The International Plumbing Code, ~~2015~~ 2018 Edition, is amended as follows:

(1) Chapter 1,"Scope and Administration," is hereby amended as follows:

Note: For reserved sections herein, refer to the Building Code of the City of Peoria for these code requirements.

101.1 Title. Insert the words "City of Peoria" as the name of jurisdiction.

[A] 101.2 Scope. The provisions of this code shall apply to the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of plumbing systems within this jurisdiction. This code shall regulate nonflammable medical gas, inhalation anesthetic, vacuum piping, nonmedical oxygen systems and sanitary and condensate vacuum control collection systems. The installation of fuel gas distribution piping and equipment, fuel-gas-fired water heaters and water heater venting systems shall be regulated by the *International Fuel Gas Code*.

The following appendices are adopted: **APPENDIX E – SIZE OF WATER PIPING SYSTEM, APPENDIX C F – STRUCTURAL SAFETY**

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

Amend **PART 2-ADMINISTRATION AND ENFORCEMENT** to read as follows:

SECTION 103 DEPARTMENT OF PLUMBING INSPECTIONS RESERVED

SECTION 104 DUTIES AND POWERS OF THE CODE OFFICIAL RESERVED

SECTION 105 APPROVAL RESERVED

SECTION 106 PERMITS RESERVED

SECTION 107 INSPECTIONS AND TESTING RESERVED

SECTION 108 VIOLATIONS RESERVED

SECTION 109 MEANS OF APPEAL RESERVED

SECTION 110 TEMPORARY EQUIPMENT SYSTEMS AND USES RESERVED

(2) Chapter 3, "General Regulations", is hereby amended as follows:

305.4.1 Sewer depth. Building sewers that connect to private sewage disposal systems shall be installed not less than 12 inches (305 mm) below finished grade at the point of septic tank connection. Building sewers shall be installed not less than 12 inches (305 mm) below grade.

(2) Chapter 4. Fixtures, Faucets and Fixture Fittings is hereby amended as follows:
Section 403.2 "Separate Facilities", is hereby amended as follows:

Section 403.2 Separate Facilities.

Where plumbing fixtures are required, separate facilities shall be provided for each sex.

Exceptions:

1. Separate facilities shall not be required for dwelling units and sleeping units.
2. Separate facilities shall not be required in structures or tenant spaces with a total occupant load, including both employees and customers, of 15 or fewer.
3. Separate facilities shall not be required in mercantile *occupancies* in which the maximum occupant load is 100 or fewer.
4. Separate facilities shall not be required in business *occupancies* in which the maximum occupant load is ~~25~~ 50 or fewer.

Section 404. "Accessible Plumbing Facilities." Delete in its entirety and amend as follows:

Accessible plumbing facilities and fixtures shall be provided in accordance with Chapter 5 of the Peoria City Code (1992), Section ~~518~~-21 pertaining to the International Building Code, Edition 2012, Chapter 11, Accessibility and Fair Housing.

Section 410.2 "Small Occupancies", is hereby amended as follows:

410.2 Small occupancies.

Drinking fountains shall not be required for an occupant load of ~~45~~ 50 or fewer.

(3) Chapter ~~7~~ 6, "Drainage Piping Installation ~~Water supply and distribution~~", is hereby amended as follows:

Section 704.1 "Slope of horizontal drainage piping" is hereby amended as follows:

704.1 Slope of horizontal drainage piping.

Horizontal drainage piping shall be installed in uniform alignment at uniform slopes. The slope of a horizontal drainage pipe shall be not less than that indicated in Table 704.1

except that where the drainage piping is upstream of a grease interceptor, the slope of the piping shall be not less than 1/4 inch per foot (2-percent slope).

**TABLE 704.1
SLOPE OF HORIZONTAL DRAINAGE PIPE**

SIZE (inches)	MINIMUM SLOPE (inch per foot)
2 ½ or less	¼ ^a
3 to 6	⅛ ^a
8 or larger	1/16 ^a

For SI: 1 inch – 25.4 mm, 1 inch per foot = 83.33 mm/m.

- a. Slopes for piping draining to a grease interceptor shall comply with Section 704.1.

Exception: The Authority Having Jurisdiction may approve a lesser slope for building sewers in lieu of a sewage ejector or pumping station when a registered engineer or architect certifies the building sewer design and its installation, and when the building owner agrees in writing under notary to accept the lesser slope. Certification of the building sewer shall meet the special inspection requirements of the Peoria Building Code.

~~**Table 605.3 Water Service Pipe**~~

~~**MATERIAL**~~

~~—————~~ ~~**STANDARD**~~

~~**Table 605.5 Pipe Fittings**~~

~~**MATERIAL**~~

~~—————~~ ~~**STANDARD**~~

Amend Section 716 “Replacement of Underground Building Sewers and Building Drains by Pipe Bursting Methods” by deleting in its entirety.

~~**SECTION 716 REPLACEMENT OF UNDERGROUND BUILDING SEWERS AND BUILDING DRAINS BY PIPE-BURSTING METHODS**~~

~~**716.1 General.**~~

~~This section shall govern the replacement of existing *building sewer* and *building drain* piping by pipe-bursting methods.~~

716.2 Applicability.

The replacement of *building sewer* and *building drain* piping by pipe-bursting methods shall be limited to gravity drainage piping of sizes 6 inches (152 mm) and smaller. The replacement piping shall be of the same nominal size as the existing piping.

716.3 Pre-installation inspection.

The existing piping sections to be replaced shall be inspected internally by a recorded video camera survey. The survey shall include notations of the position of cleanouts and the depth of connections to the existing piping.

716.4 Pipe.

The replacement pipe shall be made of high-density polyethylene (HDPE) and shall have a standard dimension ratio (SDR) of 17. The pipe shall be in compliance with ASTM F714.

716.5 Pipe fittings.

Pipe fittings to be connected to the replacement pipe shall be made of high-density polyethylene (HDPE) and shall be in compliance with ASTM D2683.

716.6 Cleanouts.

Where the existing *building sewer* or *building drain* did not have cleanouts meeting the requirements of this code, cleanout fittings shall be installed as required by this code.

716.7 Post-installation inspection.

The completed replacement piping section shall be inspected internally by a recorded video camera survey. The video survey shall be reviewed and approved by the code official prior to pressure testing of the replacement piping system.

716.8 Pressure testing.

The replacement piping system as well as the connections to the replacement piping shall be tested in accordance with Section 312.

(5) Chapter 11 "Storm Drainage", is hereby amended as follows:

Section 1106, Size of Conductors, Leaders and Storm Drains.

1106.1 General. Delete in its entirety and amend as follows:

The size of the vertical conductors and leaders, building storm drains, building storm sewers, and any horizontal branches of such drains or sewers shall be based on an hourly rainfall rate of three (3) inches per hour.

Amend Section 1106.5 Parapet wall scupper location to read as follows:

1106.5 Parapet wall scupper location. ~~When scuppers are used for primary and/or secondary (emergency overflow) roof drainage, the quantity, size, location and inlet elevation of the scuppers shall be sized to prevent the depth of ponding water from exceeding that for which the roof was designed as determined by Scupper openings shall be not less than 4 inches (102 mm) in height and have an opening width equal to the circumference of the roof drain required for the area served, sized in accordance with Table 1106.2(1). The flow through the primary system shall not be considered when locating and sizing scuppers. A rainfall rate of three (3) inches per hour shall be used for sizing purposes.~~

Amend Section 1108.3 Sizing of secondary drains to read as follows:

1108.3 Sizing of secondary drains. ~~Secondary (emergency) roof drain systems shall be sized in accordance with Section 1106 based on the rainfall rate for which the primary system is sized. Scuppers shall be sized to prevent the depth of ponding water from exceeding that for which the roof was designed as determined by Section 1101.7. Scuppers shall have an opening dimension of not less than 4 inches (102 mm) in height and have an opening width equal to the circumference of the roof drain required for the area served, sized in accordance with Table 1106.2(1). The flow through the primary system shall not be considered when sizing the secondary roof drain system.~~

SECTION 7. Chapter 18 of the Peoria City Code (1992) is amended by amending Section 18-76 pertaining to International Mechanical Code – Adopted and Amended and which shall read as follows: