

641—25.4(135) Amendments to the Uniform Plumbing Code.

25.4(1) Section 413.1. Add the following after the table and before the footnotes:

A restaurant with an occupancy of 50 or less complies with these requirements if it has one restroom with one water closet and one lavatory.

NOTE: The rules of the Iowa department of inspections and appeals require that separate restrooms for males and females be provided in facilities that serve beer or liquor (481—31.9(137F)).

Urinal requirements apply only to male-only restrooms.

The division of occupancy is to be based upon one half being male and one half being female. The number of occupants shall be determined by use and the occupancy class of the state building code or the local building code that is in effect.

The number of fixtures may be graduated within the group. Example: 8:101-200

4 fixtures are required for 100 persons.

5 fixtures are required for 101-125 persons.

6 fixtures are required for 126-150 persons.

7 fixtures are required for 151-175 persons.

8 fixtures are required for 176-200 persons.

Accessibility for the physically disabled shall be provided as required by Iowa Code chapter 103A.

25.4(2) Section 501.0. Delete the second sentence of the section and delete Table 5-1.

25.4(3) Section 510.8. Delete the section.

25.4(4) Section 603.2. Delete subsection 603.2.3.

25.4(5) Section 603.4. Delete the text of subsection 603.4.13 and insert in lieu thereof the following:

The potable water supply to carbonator shall be protected by a stainless steel dual check valve with an atmospheric vent as approved by the administrative authority for the specific use.

25.4(6) Section 604.1.

Add a note to the end of the section:

NOTE: The use of plastic water supply pipe above grade inside certain licensed care facilities is prohibited by the rules of the Iowa department of inspections and appeals [481—subrules 60.11(4) and 61.11(4), Iowa Administrative Code].

25.4(7) Section 604.2. Delete the section and insert in lieu thereof the following:

604.2 Copper tube for water piping shall have a weight of not less than Type M copper tubing.

EXCEPTION: Copper tube for underground water piping shall have a weight of not less than Type K copper tubing.

25.4(8) Section 701.1. Delete subsections 701.1.4 and 701.1.5 and insert in lieu thereof:

701.1.4 Copper tube for underground drainage and vent piping shall have a weight of not less than that of copper drainage tube Type L.

701.1.5 Copper tube for aboveground drainage and vent piping shall have a weight of not less than that of copper drainage tubing Type M.

EXCEPTION: Type DWV may be used in one- and two-family dwellings.

25.4(9) Section 703.1. Add this sentence to the end of the section:

No underground drainage piping shall be less than two inches in diameter.

25.4(10) Section 710.1. Add the following sentences to the end of the section:

The requirement for the installation of a backwater valve shall apply only when it is determined necessary by the administrative authority based on local conditions. When a valve is required by the administrative authority, it shall be a manually operated gate valve or fullway ball valve. An automatic backwater valve may also be installed, but is not required.

25.4(11) Section 710.14. Delete the section.

25.4(12) Section 717.0. Add this sentence to the end of the section:

The minimum diameter for a building sewer shall be four inches.

25.4(13) Section 807.4. Delete the section and insert in lieu thereof the following:

807.4 No domestic dishwashing machine shall be directly connected to a drainage system or food waste disposer without the use of an approved dishwasher air gap fitting on the discharge side of the dishwashing machine, or by looping the discharge line of the dishwasher as high as possible near the

flood level of the kitchen sink where the waste disposer is connected. Listed air gap fittings shall be installed with the flood level (FL) marking at or above the flood level of the sink or drainboard, whichever is higher.

25.4(14) Section 903.2. Delete subsections 903.2.1 and 903.2.2 and insert in lieu thereof the following:

903.2.1 Copper tube for underground drainage and vent piping shall have a weight of not less than that of copper drainage tube Type L.

903.2.2 Copper tube for aboveground drainage and vent piping shall have a weight of not less than that of copper drainage tubing Type M.

EXCEPTION: Type DWV may be used in one- and two-family dwellings.

25.4(15) Section 904.1. Delete the third sentence of the section and the exception and insert in lieu thereof the following:

No underground vent piping shall be less than two inches in diameter. Each building shall have a vent stack or main vent equal in size or larger than the required building sewer. The vent stack or main vent shall extend through the roof undiminished in size.

EXCEPTION: In residential buildings of four stories or less, a three-inch vent stack or main vent is permitted. For the purposes of this exception, “residential” includes hotels and motels.

25.4(16) Section 906.7. Change “two (2) inches (50.8 mm)” to “three (3) inches (76.2 mm)”.

25.4(17) Section 908.0. Delete “Vertical” from the section title.

25.4(18) Section 908.1. Delete “vertical” in the first sentence of the section.

25.4(19) Section 1002.2. Delete Table 10-1 and insert in lieu thereof the following:

Trap Arm Size		Distance Trap to Vent	
Inches	Millimeters	Feet	Meters
1¼	31.8	5	1.52
1½	38.1	6	1.83
2	50.8	8	2.44
3	76.2	12	3.66
4 and larger	102 and larger	12	3.66

Slope one-fourth (¼) inch per foot (20.9 mm/m)

*The developed length between the trap of a water closet or similar fixture (measured from the top of the closet ring (closet flange) to the inner edge of the vent) and its vent shall not exceed six (6) feet (1.8 m).

25.4(20) Appendices. Chapter 11 and the appendices in the Uniform Plumbing Code are not approved as part of the Iowa state plumbing code; however, except for Appendix K (private sewage disposal), Chapter 11 and the appendices may be used as a point of reference when circumstances warrant. 567—Chapter 69, Iowa Administrative Code, is the standard for private sewage disposal. Chapter 12 of the Uniform Plumbing Code, 2000 Edition, may be used to govern fuel gas piping except as it conflicts with ANSI/NFPA 54, National Fuel Gas Code, 1999 Edition, or ANSI/NFPA 58, Standard for the Storage and Handling of Liquefied Petroleum Gases, 2001 Edition.