

CENTRAL IOWA CODE CONSORTIUM
MEETING NOTICE AND AGENDA
PLUMBING, MECHANICAL & FUEL GAS COMMITTEE
Mac Rae Room, 1551 E M L King Jr Pkwy., Des Moines, IA 50317
December 12th, 2018 @ 1:00PM – 4:00PM
AGENDA

- CALL TO ORDER
- ROLL CALL
- AGENDA APPROVAL
- PUBLIC COMMENT
- APPROVE MINUTES FROM THE PREVIOUS MEETING
- AGENDA

Review and modify submitted IPC code proposals to fit the UPC

Addition to IPC 105

- **IPC 105.2 ALTERNATE MATERIALS, METHODS AND EQUIPMENT.** Amended by adding the following section 105.2.2 and exception:

Modification IPC 305.4

- **IPC 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 (152 mm) below the frost line and not less than 12 inches (305 mm) below grade.~~ **Exterior water supply system piping shall be installed not less than sixty (60) inches below grade.**

Modification IPC 305.4.1 Sewer Depth

- **305.4.1 Sewer depth.** ~~Building sewers that connect to private sewage disposal systems shall be installed not less than [NUMBER] inches (mm) below finished grade at the point of septic tank connection. Building sewers shall be installed not less than [NUMBER] inches (mm) below grade.~~ **shall be a minimum of forty-eight (48) inches below grade.**

Modification IPC Table 403.1 Minimum Number of Required Fixtures.
Foot note for Service Sinks

- (e) For business and mercantile occupancies with an occupant load of not more than thirty (30) ~~15 or fewer~~, and mercantile occupancies with an occupant load of not more than one hundred (100), services sinks shall not be required.

Modification IPC 410.2

- **410.2 Small occupancies.** ~~Drinking fountains shall not be required for an occupant load of 15 or fewer.~~ Water dispensers in accessible locations and within accessible reach ranges may be substituted for the initial drinking fountains in business occupancies with an occupant load of not more than thirty (30) and mercantile occupancies with an occupant load of not more than one hundred (100).

Addition to IPC 412.2 Floor Drains

- **413.2 Floor Drains.** Floor drains shall have removable strainers. The floor drain shall be constructed so that the drain is capable of being cleaned. Access shall be provided to the drain inlet. Ready access shall be provided to floor drains. **Floor drains shall be installed in the following areas:**
 - (1) Toilet rooms containing two or more water closets or a combination of one water closet and one urinal, except in a dwelling unit.
 - (2) Commercial Kitchens
 - (3) Water heater rooms, Boiler rooms and mechanical rooms
 - (4) Rooms containing water meter

Exception: Floor drains serving refrigerated display cases shall be provided with access.

Insert to IPC 608.5 Water Service Pipe.

- **605.3 Water service pipe.** Water service pipe shall conform to NSF 61 and shall conform to one of the standards listed in Table 605.3. Water service pipe or tubing, installed underground and outside of the structure, shall have a working pressure rating of not less than 160 psi (1100 kPa) at 73.4°F (23°C). Where the water pressure exceeds 160 psi (1100 kPa), piping material shall have a working pressure rating not less than the highest available pressure. Water service piping materials not third-party certified for water distribution shall terminate at or before the full open valve located at the entrance to the structure. Ductile iron water service piping shall be cement mortar lined in accordance with AWWA C104/A21.4. **Underground Copper tube for underground piping shall have a weight of not less than type K.**

Addition to IPC 703 Building Sewer

- **703.7 Minimum Building Sewer and Building Drain Size.** The minimum diameter for a building sewer shall be four (4) inches.

Modification to IPC 903.1 Roof Extension.

- **903.1 Roof extension.** Open vent pipes that extend through a roof shall be terminated not less than ~~[NUMBER]~~ 6 inches (mm) above the roof **nor less than 1 foot from any vertical surface.** Where a roof **is to be used for any purpose other than weather protection,** ~~assembly or as a promenade, observation deck, sunbathing deck or similar purposes,~~ open vent pipes shall terminate not less than 7 feet (2134 mm) above the roof.

Added Exception to IPC 901.2.1

- **901.2.1 Venting Requirements.** Traps and fixtures shall be vented in accordance with one of the venting methods specified in this chapter.

Exception: A vent is not required on a three inch basement floor drain provided its drain branches into the building drain on the sewer side at a distance of five feet or more from the base of the stack and the branch line to such floor drain is not more than twelve feet in length.