

CENTRAL IOWA CODE CONSORTIUM
MEETING NOTICE AND AGENDA
IBC/IEBC COMMITTEE
Urbandale City Hall
Engineering Conference Room C
3600 86th Street
Urbandale, Iowa 50322

March 27, 2019 – 1:30pm

AGENDA

1. CALL TO ORDER
2. ROLL CALL
3. AGENDA APPROVAL
4. APPROVE MINUTES FROM PREVIOUS MEETING
5. PUBLIC COMMENT
6. EXECUTIVE LIAISON UPDATE
7. AGENDA

7.1 Proposed Review and take action on the following code change proposals:

1. Proposed Amendment to 2018 IEBC Section 1106 – Storm Shelter:

Section 1106.1 Addition to a Group E occupancy. Where an addition is added to an existing Group E occupancy located in an area where the shelter design wind speed for tornadoes in 250 mph in accordance with Figure 304.2 (1) of ICC 500 and the **program** occupant load of the addition is 50 or more, the addition shall have a storm shelter constructed in accordance with **Chapters 1 through 5 & 8 of ICC 500**.

For the purposes of this section the installation of portable buildings for utilization on the campus or site for educational purposes shall be considered as an addition.

Exceptions:

1. Group E day care facilities.
2. Group E occupancies accessory to place of religious worship.

3. Additions meeting the requirements for shelter design in ICC 500.
4. Accessory structures and additions to existing group E sites where the occupancy classification of said structures are classified as Groups A-5 and U

1106.1.1 Additional Design Parameters. Where an addition to an existing building is of such size that the overall area of the addition will accommodate the new occupant load plus the existing occupant load as determined by meeting the provisions of ICC 500 Section 501.1.1 calculating 3 square feet per person and the addition shall either:

1. Be constructed as a storm shelter in accordance with ICC 500; or
2. Provide a room or space that is constructed in accordance with ICC 500

The aggregate area of all additions within a 10 (ten) year period shall be factored when determining the requirements of this section.

1106.1.12 Required Occupant capacity. The required occupant capacity of the storm shelter shall include all buildings classified as a Group E occupancy on the campus or site (whichever is larger) and shall be the greater of the following:

1. The total occupant load of the classrooms, vocational rooms and offices in the Group E occupancy.
2. The occupant load of any indoor assembly space that is associated with the Group E occupancy.

Exceptions:

~~1. Where an addition is being added on an existing Group E site, and where the addition is not of sufficient size to accommodate the required occupant capacity of the storm shelter for all of the buildings on site, the storm shelter shall at a minimum accommodate the required capacity for the addition.~~

Where approved by the code official, the required occupant capacity of the shelter shall be permitted to be reduced by the occupant capacity of any existing storm shelters on the campus or site.

1106.1.2.3 Location. Storm shelters shall be located within the buildings they serve, or shall be located where the maximum distance of travel from not fewer than one exterior door of each building to a door of the shelter serving that building does not exceed 1,000 feet.

MEMBER	MOTIONED	2 nd	YEA	NAY	ABSTAIN
Jeff Harden					
Dave Kuhn					
Blake O'Brien					
Rod VanGenderen					
David Voss					
Jay Mattas					
Jeff Mertz					

2. Proposed Amendment to 2018 IBC Section 423 – Storm Shelter

423.4 Group E occupancy. In areas where the shelter design wind speed for tornadoes in 250 mph in accordance with Figure 304.2 (1) of ICC 500, all Group E occupancies with a **program** occupant load of 50 or more shall have a storm shelter constructed in accordance with **Chapters 1 through 5 & 8 of ICC 500.**

The installation of portable buildings for utilization on the campus or site for educational purposes is considered new construction and classified as Group E occupancies.

Exceptions:

5. Group E day care facilities.
6. Group E occupancies accessory to place of religious worship.
7. Buildings meeting the requirements for shelter design in ICC 500.
- 8. Accessory structures to existing group E sites where the occupancy classification of said structures are classified as Groups A-5 and U**

423.4.1 Additional Design Parameters. The new building shall accommodate the occupant load as determined by meeting the provisions of ICC 500 Section 501.1.1 calculating 3 square feet per person and the building shall either:

1. Be constructed as a storm shelter in accordance with ICC 500; or
2. Provide a room or space that is constructed in accordance with ICC 500

423.4.12 Required Occupant capacity. The required occupant capacity of the storm shelter shall include all buildings **classified as a Group E occupancy** on the **campus or site (whichever is larger)** and shall be the greater of the following:

1. The total occupant load of the classrooms, vocational rooms and offices in the Group E occupancy.
2. The occupant load of any indoor assembly space that is associated with the Group E occupancy.

Exceptions:

~~2. Where a new building is being added on an existing Group E site, and where the new building is not of sufficient size to accommodate the required occupant capacity of the storm shelter for all of the buildings on site, the storm shelter shall at a minimum accommodate the required capacity for the new building.~~

Where approved by the code official, the required occupant capacity of the shelter shall be permitted to be reduced by the occupant capacity of any existing storm shelters on the **campus or** site.

423.4.2.3 Location. Storm shelters shall be located within the buildings they serve, or shall be located where the maximum distance of travel from not fewer than one exterior door of each building to a door of the shelter serving that building does not exceed 1,000 feet.

MEMBER	MOTIONED	2 nd	YEA	NAY	ABSTAIN
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3. Proposed Amendment to delete the 2015 CICC amendment to 2015 IBC section 423.4 exception #4 for Storm Shelters in Group E occupancies

Existing schools undergoing alterations, additions or construction of new accessory buildings.

MEMBER	MOTIONED	2 nd	YEA	NAY	ABSTAIN
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Blake O'Brien					
Rod VanGenderen					
David Voss					
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7. OTHER BUSINESS

8. ADJOURNMENT

Posted on **March 15, 2019** at www.CapitalCrossRoadsVision.com/central-iowa-code-consortium and at Urbandale City Hall 3600 86th Street, Urbandale, Iowa

Future meeting dates: