

MEETING MINUTES
Central Iowa Code Consortium - IBC/IEBC Committee

1. A meeting of the Central Iowa Code Consortium was held at Urbandale City Hall on March 27, 2019. The meeting was called to order at 1:35 p.m. by Chairman Jeff Harden.

2. Roll Call - Attendees Included:

Member	PRESENT	ABSENT
Jeff Harden, Chair	x	
Dave Kuhn, Vice Chair	x	
Blake O'Brien, Secretary	x	
Rod VanGenderen	x	
Jay Mattas	x	
David Voss		x
Jeff Mertz		x

3. Agenda Approval

- a. Motion to approve.
 - 1) Motion by Rod VanGenderen
 - 2) Second by Jay Mattas
 - 3) Discussion – None
 - 4) Motion carries – 5-0

4. Approve Minutes from Previous Meeting.

- 1) Discussion – Meeting minutes from previous meetings will be released in the following days.

5. Public Comment

- a. Attendees: Gary Pickard, Bruce Amendt.
- b. Public Comments: None

6. Executive Liaison Update

- a. Brian Bishop –
 - 1) Executive Committee has not meet since February. Next meeting will be April 17th.
 - 2) Public hearing dates to be emailed to this subcommittee by Brian. Preliminary timeframes for public hearings are end of April/May.
 - 3) Each committee should have presence at the public hearings. Chair or Vice Chair is encouraged to attend.

7. Agenda

- a. The following Code Change Proposals was reviewed by the committee:
 - 1) Proposed Amendment to 2018 IEBC Section 1106 – Storm Shelter:
 - a) Change Summary

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 is 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 or 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.

1106.1.42 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.

- b) Justification –
 - (1) Proponent explained the reasoning behind the change.
 - (2) Three square feet per person was decided upon because students will be packed in tightly during any event.
- c) Committee Discussion:
 - (1) This provision would be triggered at a program occupant load of 50 persons.

- (2) Members of the public discussed their use of portable classrooms. They are typically used as a temporary means. The school districts representative prefers to not use portable units.
- (3) Committee discussed the provision requiring the storm shelter to be designed for full occupant capacity vs just the addition capacity.
- d) Rod VanGenderen motioned to approve the proposal with the modification of deleting 1106.1.1 and maintaining exception 1 of 1106.1.2. Seconded by Jay Mattas. Vote as follows;

Member	YEA	NAY	ABSTAIN
Jeff Harden, Chair	x		
Dave Kuhn, Vice Chair	x		
Blake O'Brien, Secretary	x		
Rod VanGenderen	x		
Jay Mattas	x		

e) Motions carries 5-0.

- 2) Proposed Amendment to 2018 IBC Section 423 – Storm Shelter
 - a) Change Summary –

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:

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

423.4.2 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.

- a) Committee Discussion:
 - (1) Committee discussed ways to be consistent between IEBC and IBC proposals.
- b) Jay motioned to except the proposal as written with the following modifications; delete 423.4.1 and maintain exception 1 under 423.4.2. Seconded by Rod VanGenderen. Vote as follows;

Member	YEA	NAY	ABSTAIN
Jeff Harden, Chair	x		
Dave Kuhn, Vice Chair	x		
Blake O'Brien, Secretary	x		
Rod VanGenderen	x		
Jay Mattas	x		

- c) Motions carries 5-0.
- 3) Proposed Amendment to delete the 2015 CICC amendment to 2015 IBC section 423.4 exception #4 for Storm Shelters in Group E occupancies.
 - a) Change Summary – Delete Existing schools undergoing alterations, additions or construction of new accessory buildings.
 - b) Committee Discussion:
 - (1) None
 - c) Jay Mattas motioned to approve this proposal. Seconded by Dave Kuhn.
 - (1) Approval/Denial of motion is as follows:

Member	YEA	NAY	ABSTAIN
Jeff Harden, Chair	x		
Dave Kuhn, Vice Chair	x		
Blake O'Brien, Secretary	x		
Rod VanGenderen	x		
Jay Mattas	x		

- d) Motions carries 5-0.

8. Other Business

- a. None
9. Adjourn Meeting
- a. Motion to adjourn by Jay Mattas. Seconded by Blake O'Brien.
 - b. Motion carries 5-0.

Secretary - Blake O'Brien

Date of approval