

BEBF-131



# OKLAHOMA

## Uniform Building Code Commission Technical Code Review Committee

### Public Comment Form

**NOTE:** This form and any attachments hereto are subject to the Oklahoma Open Records Act and may be disbursed, upon request, without further notice to the submitter.

#### INSTRUCTIONS:

1. Please type or print clearly.
2. Form must be signed. Any forms that are not signed or filled out completely, may not be considered.
3. Each requested change must be on a separate form.
4. If the space to show the proposed change or supporting information is not big enough to show the entire change, write the words "See Attached" in the space provided and submit the change on a separate page.

#### Contact Information:

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#### Code Change Information:

Will this change increase the cost of construction? Yes  No

Which code needs to be revised? 2021 IBC

Which section of the code needs to be revised?

Section 423.5, 423.5.1 Table \_\_\_\_\_ Figure \_\_\_\_\_ Page 4-46

**Proposed Change:**

Show the proposed new, revised, or deleted text in Legislative format. Line through text to be deleted and underline text to be added or revised.

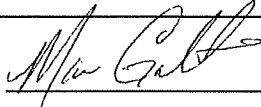
See attached.

**Supporting Information:**

State the purpose and reason for the change and provide substantiation to support the proposed change.

423.5: This change lines up with previous edition changes to require storm shelters at additions state wide and makes the requirement kick in at 200 occupants instead of 50. There is only a small portion of the panhandle that is not in the 250 mph wind speed, so the previous committees felt it best to include the entire state. The occupant capacity was changed from 50 to 200 to line up with the change in the IEBC for additions.

423.5.1: The way the code currently reads, storm shelters are being designed for twice as many occupants than there typically are at a school, because they are designed for the CODE occupancy, not the DESIGN occupancy. This change will allow the school district to assign a maximum enrollment and staff numbers to the facility, and will provide for an overage factor of 15% in case more students or staff are added without an addition.

Signature: 

Date: 10/24/23

Proposed Change:

**423.5 Group E occupancies.** ~~In areas where the shelter design wind speed for tornadoes is 250 mph in accordance with Figure 304.2(1) of ICC 500, all Group E occupancies with an *occupant load* of 50 200 or more shall have a storm shelter constructed in accordance with ICC 500.~~

Exceptions:

1. Group E day care facilities.
2. Group E occupancies accessory to *places of religious worship*.
3. Buildings meeting the requirements for shelter design in ICC 500.

**423.5.1 Required Design occupant capacity.** The required design occupant capacity of the *storm shelter* shall include the maximum enrollment plus the maximum number of staff of the facility, plus an overage factor of fifteen percent. Maximum enrollment plus maximum staff numbers must be submitted on District letterhead and signed by the District Superintendent. ~~all of the buildings on the site, 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 the largest indoor assembly space that is associated with the Group E occupancy.~~

**Exceptions:**

1. ~~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 the site, the storm shelter shall at a minimum accommodate the required occupant capacity for the new building.~~
2. ~~Where approved by the *building 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 site.~~