



# OKLAHOMA

## Uniform Building Code Commission Staff Comment Form - [BEBF 11](#)

### BEBF Technical Committee

Review of the 2021 Editions of the International Building Code® (IBC®), International Existing Building Code® (IEBC®), International Fire Code®

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#### Code Change Information

Originating Committee: BEBF-2015

Code Modified: 2018 IBC

Original Comment Form Number: BEBF 45-50 Revised in 2018 adoption by SCF 10 R3 and SCF 128

Rule Number: 748:20-2-9 (10) and (11)

#### Which area of the code (Section, Table, Figure) was revised?

IBC Section 423.5

Page Number: IBC 4-45 thru 4-46

#### Previous change:

**423.4 Group E occupancies.** ~~In areas where the shelter design wind speed for tornados is 250 mph in accordance with Figure 304.2(1) of ICC 500, all~~ All Group E occupancies with an occupant load of 50 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.
4. Additions to Group E occupancies shall comply with the requirements of Section 1106 of the International Existing Building Code.

**423.4.1 Required occupant capacity.** The required occupant capacity of the storm shelter shall include all of the buildings on the site and shall be the greater of the following:

1. Total occupant load of the classrooms, vocational rooms and offices in the Group E occupancy.
2. The occupant load of ~~any~~ 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 the buildings on the site, the storm shelter shall at a minimum accommodate the required occupant capacity of 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.

**Historic information:**

In the 2015 adoption of the IBC, Sections 423.4 was moved into an appendix and made non-mandatory. In the 2018 adoption, the section was brought back in as a requirement, but the occupant load was changed from 50 to 200. It was made a mandatory for all Group E occupancies and a reference to ICC 500 was removed. A fourth exception was added to address additions and requiring them to comply with the IEBC.

The change to the Group E occupancies is not included in the 2021 code.

Additionally, a modification was made to Section 423.4.1 in the 2018 adoption that change the word "any" to the wording "the largest" in the second requirement. In the 2021 code, the section numbers have changed to 423.5 and 423.5.1.

Section 423.5.1 Required occupant capacity has been modified in the 2021 code and matches the change the OUBCC made in 2018.

Staff recommendation is to remove the change to Section 423.5.1 from the agency's rules and allow the code to revert to the published language.

Staff recommendation for the remaining code modification is to review them and determine if they should be moved forward as written, be further modified, or if they should be stricken from the code.