



OKLAHOMA

Uniform Building Code Commission Staff Comment Form - [BEBF 10](#)

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 65, Rule Number: 748:20-2-9 (9)
revised in by 2018 SCF 9 and CCF 123

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

IBC Section 423.4

Page Number: IBC 4-45

Previous change:

423.3 Critical emergency operations. ~~In areas where the shelter design wind speed for tornadoes in accordance with Figure 304.2(1) of ICC 500 is 250 mph,~~ Buildings that contain 911 call stations, emergency operation centers and fire, rescue ambulance and police stations shall comply with Table 1604.5 as Risk Category IV structure and shall be provided with a storm shelter in accordance with ICC 500.

Historical information:

The change in the 2015 adoption of the IBC moved the section related to critical emergency operations in to an agency-created appendix. The reason provided for the change was due to the expenses involved as a large volume of critical emergency operations facilities that were utilized only to house equipment in rural parts of the state. During emergencies, other than to retrieve equipment, the facilities were not occupied.

In the 2018 adoption the submitter of comment form CCF123 stated that people who worked in 911 call stations, emergency operations centers and fire, rescue, ambulance, and police stations were at risk and the first responders and emergency crews that work in or travel to those facilities in the worst possible weather conditions should be able to shelter in place if there was not time to escape the effects of those storms. The submitter noted, the provisions required a storm shelter to be constructed in accordance with ICC 500 and would apply to buildings constructed under the building code and therefore would only be new buildings. The submitter further stated there were several low-cost alternatives for these facilities and the cost could be factored into the overall costs of construction.

The 2018 and 2021 codes are the same as published without the OUBCC modification, however in the 2021 edition the section has been moved from 423.3 to 423.4.

Staff recommendation is to determine if the change is still applicable and if it should stay as written, be revised, or if not applicable, deleted from the agency's rules.