

2015 International Building Code

Adopt amended 2015 IBC Sections 423.1.1, 423.3, 423.4 and new local Sections 423.4.1 and 423.4.2 as follows:

SECTION 423 - STORM SHELTERS

423.1.1 Scope. This section applies to the construction of storm shelters constructed as separate detached buildings or constructed as safe-rooms or spaces within buildings for the purpose of providing safe-~~refuge~~-protection from storms that produce high winds, such as tornados and hurricanes. Such structures shall be designated to be hurricane shelters, tornado shelters, or combined hurricane and tornado shelters.

423.3 Critical emergency operations. In areas where shelter design wind speed for tornados in accordance with Figure 304.2(1) of *ICC 500* is 250 MPH, 911 call stations, emergency operation centers and fire, rescue, ambulance and police stations shall have a storm shelter constructed in accordance with *ICC 500*.

Exception: Buildings meeting the requirements for shelter design in *ICC 500*.

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 new Group E occupancies buildings with an aggregate-occupant load of 50 or more shall have a storm shelter constructed in accordance with *ICC 500*. ~~The shelter shall be capable of housing the total occupant load of the Group E occupancy.~~

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*.

Add new text as follows:

423.4.1. Required occupant capacity. The required occupant capacity of the storm shelter shall include all 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 any indoor assembly space that is associated with the Group E occupancy.

Exceptions:

1. Where a new building is being added to an existing Group E Occupancy campus, and where the area of the new building does not increase the floor area of the classrooms, vocational rooms and offices on the campus by more than 25%, the storm shelter shall at a minimum accommodate the required occupant capacity for the new building.
2. 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 site.

423.4.2. Location. Storm shelters shall be located within the buildings they serve, or shall be located where the maximum distance of travel from at least one exterior door of each building to a door of the shelter serving that building does not exceed 1,000 ft. (304.8 m).

2015 International Existing Building Code

Adopt new 2015 IEBC Sections 402.6, 1107.1, 1107.1.1, 1107.1.2 and 1401.2.3.1 as follows:

IEBC SECTION 402 - ADDITIONS

402.6. Additions to Group E facilities. For additions to Group E occupancies, storm shelters shall be provided in accordance with Section 1107.

IEBC SECTION 1107 - STORM SHELTERS

1107.1 Addition to a Group E occupancy.

Where the area of an addition to an existing Group E occupancy building is greater than 25% of the area of the existing Group E occupancy building, and the Group E occupancy building is located in an area where the shelter design wind speed for tornados is 250 mph in accordance with Figure 304.2(1) of ICC 500, the addition 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. Additions meeting the requirements for shelter design in ICC 500.

1107.1.1 Required occupant capacity.

The required occupant capacity of the storm shelter shall include the occupant load of the existing building and the addition, 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 meeting the criteria set forth in Section 1107.1 is being added to a building located on an existing Group E campus, and where the addition is not of sufficient size to accommodate the required occupant capacity of the storm shelter for all the buildings on the campus, the storm shelter shall at a minimum accommodate the required occupant capacity for the building and addition to which the addition is being added.
2. 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 site.

1107.1.2 Location.

Storm shelters shall be located within the buildings they serve, or shall be located where the maximum distance of travel from at least one exterior door of each building to a door of the shelter serving that building does not exceed 1,000 ft. (304.8 m).

IEBC SECTION 1401 - GENERAL

1401.2.3.1 Additions to Group E facilities.

For additions to Group E occupancies, storm shelters shall be provided in accordance with Section 1107.1.