

Chapter 2

Definitions

201.1 General For the purposes of this standard, the terms listed in Section 202 shall have the indicated meaning.

201.2 Undefined terms. The terms not specifically defined in this standard or in standards referenced herein shall have ordinarily accepted meanings such as the context implies.

202 Definitions

Applicable code. The applicable code is the regulation for building construction adopted by the authority having jurisdiction over the construction of the specific shelter.

Authority having jurisdiction. The organization, political subdivision, office, or individual charged with the responsibility for administering and enforcing the provisions of this standard.

Critical support systems. Structures, systems and components required to ensure the health, safety and well-being of occupants. Critical support systems include, but are not limited to, potable and waste water systems, electrical power systems, life safety systems, and HVAC systems.

Fire barrier. A fire-resistance-rated vertical assembly of materials designed to restrict the spread of fire in which openings are protected.

Interior Surface of the Shelter Component. The inside surface of any structural component of the storm shelter envelope.

Natural Ventilation. Passive ventilation, not requiring a power source, resulting from convection of heated air, movement of inside air, and movement of outside air over and around the storm shelter resulting in air exchange through vent openings.

Occupied shelter areas. The designated storm shelter area.

Occupant support areas. The areas required to ensure the health, safety and well-being of occupants. Occupant support areas include, but are not limited to, shelter management, food preparation, water and food storage, electrical and mechanical rooms, toilet and other sanitation rooms, and first-aid stations.

On-site. Either inside, immediately adjacent to, or on the same site as the designated storm shelter facility, and under the control of the owner or lawful tenant.

Protected occupant area. The portions of the shelter area that are protected from intrusion of storm debris by alcove or baffled entry systems in accordance with Section 804.9.7.

Shelter envelope. The protective walls, roofs, doors, and other protected openings which are designed to meet the requirements of Chapter 3 to provide protection to occupants during a severe windstorm.

Shelter entry system, alcove. An entry system that uses walls and passageways to allow access and egress to the shelter interior while providing shielding from windborne debris in accordance with Section 306.5.

Shelter entry system, baffled. See definition of "shelter entry system, alcove".

Storm shelter. A building, structure, or portion(s) thereof, constructed in accordance with this standard, designated for use during a severe wind storm event such as a hurricane or tornado.

Community storm shelter. Any storm shelter not defined as a Residential Storm Shelter.

Residential storm shelter. A storm shelter serving occupants of dwelling units and having an occupant load not exceeding 16 persons.

Design wind pressure. The wind pressure on a specific location of the shelter envelope, as determined in accordance with Section 304, Wind Loads, which controls the design of components and cladding (C & C) of the shelter envelope or the main wind force resisting system (MWFRS) for the shelter.

Design wind speed. The maximum wind speed than the shelter has been designed for. Values shall be the nominal 3-second gust wind speed in miles per hour at 33 feet above ground for open terrain (Exposure C).

Protected occupant area. The portions of the shelter area that are protected from intrusion of storm debris by alcove or baffled entry systems in accordance with Section 804.9.7.

Rebound impact. The rebound impact by a test missile, or fragments thereof, on a portion of the shelter protective envelope after the test missile has impacted another surface of the shelter protective envelope.

Storm shelter occupant load. The occupant load intended for a room or space when that space is in use as a storm shelter.