

Declaratory Statement Report
February 13, 2024
Florida Building Commission
CONFERENCE CALL/WEBINAR
Tallahassee Florida

Structural Technical Advisory Committee

DS-2023-044: Jeffrey Arneson, of Jax Apex Technology Inc

Question:

Exception #5 of R301.2.1.1 (highlighted within this petition) only applies to attachment of the roof deck. As you can see from Table 1, Performance-based design generally results in roof deck thicknesses that are less than those prescribed in Table R803.2.2. Is Apex correct to interpret Section R301.2.1.1 as allowing performance-based design of roof deck thickness?

Answer:

The answer to the Petitioner's question is yes. As per Section R301.2.1.1 of the 8th Edition (2023) Florida Building Code, Residential, performance-based design (i.e. ASCE 7) is an acceptable option for designing wood buildings and their roof deck thickness for wind load.

Code Administration Technical Advisory Committee

DS 2023-053: *Jack Butler of Butler & Butler, LLC*

Question #1:

Does the phrase "special conditions," as used in FBC-Building Section 107.1, refer to a residential structure larger than 5,000 square feet?

Answer:

The square footage "5,350" limitation of the project in question falls outside the scope of Section 105.3.1.2 of the 8th Edition (2023) Florida Building Code, Building, which requires specific documents to be prepared by or under the direction of an engineer registered under Chapter 471, Florida Statutes. In addition, there is no prescribed provision in the 8th Edition (2023) Florida Building Code, Building, which Characterizes the square footage of the project in question as "special condition." However, determination of whether special conditions exist specific to the project in question is subject to review and determination by the building official.

Question #2:

Does the phrase “special conditions,” as used in FBC-Building Section 107.1 refer to a residential structure that costs more than \$30,000 to build?

Answer:

Answer to the Petitioner’s question is not possible. This question is general in nature and falls outside the specific facts provided regarding the project in question.

Question #3:

Does the phrase “special conditions,” as used in FBC-Building Section 107.1 refer to a residential structure that is located within a high-velocity hurricane zone that conforms to the regional design parameters addressed in the FBC?

Answer:

Answer to the Petitioner’s question is not possible. This question is general in nature and falls outside the specific facts provided regarding the project in question.

Question #4:

Are the “additional construction documents” referenced in FBC-Building Section 107.1 limited to documents that only address any such special conditions that may exist for the project or construction site and do not include the standard construction documents that are to be submitted with a building permit application, as contained in FBC-Building Sections 107.2.1 through 107.2.7.

Answer:

Answer to the Petitioner’s question is not possible. This question is general in nature and falls outside the specific facts provided regarding the project in question.