**6th Edition (2017) FBC, Existing Building Section 403.8**

**Proposed revision**

**Submitted by: T. Eric Stafford, IBHS**

**403.8 Roof diaphragms resisting wind loads in high-wind regions.** Where the intended alteration requires a permit for reroofing and involves removal of roofing materials from more than 50 percent of the roof diaphragm of a building or section of a building located where the ultimate design wind speed is greater than 115 mph (51 m/s) in accordance with Figure 1609.3(1) of the *Florida Building Code, Building* ~~or in a special wind region~~ as defined in Section 1609 (the HVHZ shall comply with Section 1620) of the *Florida Building Code, Building*, roof diaphragms, connections of the roof diaphragm to roof framing members, and roof-to wall connections shall be evaluated by a registered design professional for the wind loads specified in Section 1609 of the *Florida Building Code, Building*, including wind uplift. If the diaphragms and connections in their current condition are not capable of resisting at least 75 percent of those wind loads, they shall be replaced or strengthened in accordance with the loads specified in Section 1609 of the *Florida Building Code, Building*.

**Exceptions:**

1. This section does not apply to buildings permitted subject to the *Florida Building Code*.
2. This section does not apply to buildings permitted subject to the 1991 *Standard Building Code*, or later edition, or designed to the wind loading requirements of the ASCE 7-88 or later editions, where an evaluation is performed by a registered design professional to confirm the roof diaphragm, connections of the roof diaphragm to roof framing members, and roof-to-wall connections are in compliance with the wind loading requirements of either of these standards or later editions.
3. Buildings with steel or concrete moment resisting frames shall only be required to have the roof diaphragm panels and diaphragm connections to framing members evaluated for wind uplift.
4. This section does not apply to site built single family dwellings. Site-built single-family dwellings shall comply with Sections 706.7 and 706.8.
5. This section does not apply to buildings permitted within the HVHZ after January 1, 1994 subject to the 1994 *South Florida Building Code*, or later editions, or where the building’s wind design is based on the wind loading requirements of ASCE 7-88 or later editions.

**Reason:** Same as the reason statement submitted regarding Section 707.3.2 Option 2. This proposal revises the section in the prescriptive compliance path that contains the same requirements as Section 707.3.2 in the work area compliance path.