Structural

Glitch Modifications

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TAC: Structural

Sub Code: Building

Total Mods for Structural: 115

Date Submitted	3/2/2011	**Section**	202	**Proponent**	T Stafford
Chapter	2	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Deletes seismic provisions and references to seismic provisions that do not exist.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

DESIGN EARTHQUAKE GROUND MOTION. Reserved. ~~See Section 1613.2.~~

DESIGNATED SEISMIC SYSTEM. Reserved. ~~See Section 1702.1.~~

DETAILED PLAIN CONCRETE STRUCTURAL WALL. Reserved. ~~See Section 1908.1.1~~

MAXIMUM CONSIDERED EARTHQUAKE GROUND MOTION. Reserved. ~~See Section 1613.2.~~

MECHANICAL SYSTEMS. Reserved. ~~See Section 1613.2.~~

ORTHOGONAL. Reserved. ~~See Section 1613.2.~~

SEISMIC DESIGN CATEGORY. Reserved. ~~See Section 1613.2.~~

SEISMIC-FORCE-RESISTING SYSTEM. Reserved. ~~See Section 1613.2.~~

SPECIAL STRUCTURAL WALL. Reserved. ~~See Section 1908.1.1.~~

Date Submitted	3/2/2011	**Section**	202	**Proponent**	T Stafford
Chapter	2	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Clarifies the applicability of the test standards.

Rationale

ASTM E 1886 and E 1996 are used together, not one or the other. ASTM E 1886 addresses the test method, while ASTM E 1996 addresses the performance of the products. This change makes that distinction clear.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

WIND-BORNE DEBRIS IMPACT RESISTANT PRODUCTS. Those products meeting TAS 201, TAS 202 and TAS 203, or ASTM E 1886 ~~or~~ and ASTM E 1996, or AAMA 506, or SSTD 12, or ANSI/DASMA 115.

Date Submitted	3/2/2011	**Section**	1403.7	**Proponent**	T Stafford
Chapter	14	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Corrects a conflict with Section 2114.2. New language makes the appropriate reference for when the 6 inch clearance can be ommitted for masonry veneer.

Rationale

Section 2114.2 provides specific requirements for when the 6 inch clearance for termite inspections can be ommitted for masonry. However, Section 1403.7 provides a blanket exception for masonry veneers which was not the intent. This proposal corrects these conflicting requirements.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1403.7 In order to provide for inspection for termite infestation, clearance between exterior wall coverings and final earth grade on the exterior of a building shall not be less than 6 inches (152 mm).

Exceptions:

1. Paint or decorative cementitious finish less than 5/8 inch (17.1 mm) thick adhered directly to the masonry foundation sidewall.

2. Access or vehicle ramps which rise to the interior finish floor elevation for the width of such ramps only.

3. A 4-inch (102 mm) inspection space above patio and garage slabs and entry areas.

4. If the patio has been soil treated for termites, the finish elevation may match the building interior finish floor elevations on masonry construction only.

5. Masonry veneers constructed in accordance with Section 2114.2.

Date Submitted	2/24/2011	**Section**	1602	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

RISK ~~OCCUPANCY~~ CATEGORY. A categorization ~~category~~ of buildings and other structures for determination ~~used to determine structural requirements based on occupancy~~ of flood and wind loads based on the risk associated with unacceptable performance.

Date Submitted	3/2/2011	**Section**	1602	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. ASCE 7-10 no longer uses the term occupancy category. It has been replaced by the term Risk Category.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

RISK ~~OCCUPANCY~~ CATEGORY. A categorization ~~category~~ of buildings and other structures for determination ~~used to determine structural requirements based on occupancy~~ of flood and wind loads based on the risk associated with unacceptable performance.

Date Submitted	3/2/2011	**Section**	1604.5	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. ASCE 7-10 no longer uses the term occupancy category. It has been replaced by the term Risk Category.

Rationale

Screen enclosures are added to Risk Category I as this is an existing Florida-specific amendment. The term "occupancy" category is replaced with "risk" category for consistency with the new terminology used in ASCE 7-10.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1604.5 Risk ~~Occupancy~~ category. Each building and structure shall be assigned an *risk ~~occupancy~~ category* in accordance with Table 1604.5.

1604.5.1 Multiple occupancies. Where a building or structure is occupied by two or more occupancies not included in the same risk *~~occupancy~~ category*, it shall be assigned the classification of the highest risk *~~occupancy~~ category* corresponding to the various occupancies. Where buildings or structures have two or more portions that are structurally separated, each portion shall be separately classified. Where a separated portion of a building or structure provides required access to, required egress from or shares life safety components with another portion having a higher risk *~~occupancy~~ category*, both portions shall be assigned to the higher risk *~~occupancy~~ category*.

TABLE 1604.5

RISK ~~OCCUPANCY~~ CATEGORY OF BUILDINGS AND OTHER STRUCTURES

Add screen enclosures to Risk Category I:

• Screen enclosures

Date Submitted	3/2/2011	**Section**	1604.9	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Deletes a non-applicable seismic reference.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1604.9 Counteracting structural actions. Structural members, systems, components and cladding shall be designed to resist forces due to ~~earthquake and~~ wind, with consideration of overturning, sliding and uplift. Continuous load paths shall be provided for transmitting these forces to the foundation. Where sliding is used to isolate the elements, the effects of friction between sliding elements shall be included as a force.

Date Submitted	3/2/2011	**Section**	1605.3.1.1	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Corrects the applicability of the allowable stress increase for masonry it pertains to the load combinations.

Rationale

This new language makes the intent of this section more clear. The 25% reduction in combined loads was relocated from this section to be included directly in the load combinations in the 2006 IBC (2007 FBC base code). The 2007 FBC, through the glitch cycle, addressed the issue, but the use of the phrase “25 percent reduction in combined loads” is still unclear and more confusing since the 0.75 factor on W is now 0.45 due to the update to ASCE 7-10. The proposed language is more specific and understandable.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code
No impact.

Impact to building and property owners relative to cost of compliance with code
No impact.

Impact to industry relative to the cost of compliance with code
No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public
Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction
Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities
Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code
Not applicable. Corrects a conflict within the updated code.

1605.3.1.1 Load reduction.

1. Increases in allowable stress specified in the materials, sections of this code or a referenced standard shall not be permitted to be used with load combinations of Sections 1605.3.1. Duration of load increase shall be permitted in accordance with Chapter 23.

Exception: Increases in allowable stress shall be permitted in accordance with ACI 530/ASCE 5/TMS 402 provided the ~~load reduction shall not be applied (see s. 1605.3.1)~~ the loads in the load combinations of Equations 16-11 and 16-13 are not reduced.

~~2. Simultaneous use of both one-third increase in allowable stress and the 25 percent reduction in combined loads shall not be permitted.~~

Date Submitted	3/2/2011	**Section**	1605.3.1	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Corrects the supplement to be consistent with the original code change.

Rationale

This change was included in the original code change but was somehow omitted in the supplement.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1605.3.1 Basic load combinations. Where *allowable stress design* (working stress design), as permitted by this code, is used, structures and portions thereof shall resist the most critical effects resulting from the following combinations of loads:

$0.6D + \underline{0.6}W + H$ **(Equation 16-14)**

Date Submitted	3/2/2011	**Section**	1609.1.1.1	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Deletes standards no longer referenced in Section 1609.1.1.

Rationale

Standards that are no longer referenced in Section 1609.1.1 are proposed to be deleted.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1609.1.1.1 Applicability. The provisions of ICC 600 and~~,~~ the AF&PA *Wood Frame Construction Manual for One- and Two-Family Dwellings, High Wind Areas*~~, the FC & PA Guide to Concrete Masonry Residential Construction in High Wind Areas~~ and the ~~WPPC Guide to Wood Construction in High Wind Areas~~ are applicable only to buildings located within Exposure B or C as defined in Section 1609.4. The provisions of ICC 600, AF&PA WFCM, and AISI S230~~, the FC & PA Guide to Concrete Masonry Residential Construction in High Wind Areas~~ and the ~~WPPC Guide to Wood Construction in High Wind Areas~~ shall not apply to buildings sited on the upper half of an isolated hill, ridge or escarpment meeting the following conditions:

(*no change to remainder of text)*

Date Submitted	3/2/2011	**Section**	1609.1.1	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Scoping language for the alternate all-heights method in Section 1609.6 wa inadvertently deleted.

Rationale

The scoping language for the alternate all-heights method was mastakenly deleted in the supplement. Changes in the last paragraph simply provide clarity.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1609.1.1 Determination of wind loads. Wind loads on every building or structure shall be determined in accordance with Chapters 26 through 30 of ASCE 7 or the provisions of the alternate all-heights method in Section 1609.6. Wind shall be assumed to come from any horizontal direction and wind pressures shall be assumed to act normal to the surface considered.

Exceptions: (no change)

The wind speeds in Figure 1609A, 1609B and 1609C shall be converted to nominal wind speeds, V_{asd}, in accordance with Section 1609.3.1 when the provisions of the standards referenced in Exceptions 1 through 5 and 7 are used unless the wind provisions in the standards are based on Ultimate Wind Speeds as specified in ~~accordance with~~ Figures 1609A, 1609B, or 1609C or Chapter 26 of ASCE 7.

Date Submitted	3/2/2011	**Section**	1609.1.2.3.1	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10 and clarification of the appropriate design pressures to use when testing to ASCE 7-10 design wind loads.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1609.1.2.3.1 Impact resistant coverings shall be tested at 1.5 times the design pressure (positive or negative) expressed in pounds per square feet as determined by the Florida Building Code, Building Section 1609 or ASCE 7 for which the specimen is to be tested. The design pressures, as determined from ASCE 7, are permitted to be multiplied by 0.6.

Date Submitted	3/2/2011	**Section**	1609.1.2.4.1	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. The pressures specified for the cyclic pressure loading test in ASTM E 1996 have to be modified to be consistent with the appropriate design pressures for testing to ASCE 7-10 design wind loads.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1609.1.2.4.1 Table 1 of ASTM E 1996 shall be modified to read as follows

Air Pressure Cycles

0.12 to 0.3 P_{pos}

0.0 to 0.36 P_{pos}

0.30 to 0.48 P_{pos}

0.18 to 0.6 P_{pos}

0.18 to 0.6 P_{neg}

0.3 to 0.48 P_{neg}

0.0 to 0.36 P_{neg}

0.12 to 0.3 P_{neg}

Date Submitted	3/2/2011	**Section**	1609.1.2	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. The term "Risk Category" replaces the term "Occupancy Category" in ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1609.1.2 Protection of openings. (no change to text)

Exceptions:

1. (no change)

2. Glazing in *Risk* ~~*Occupancy*~~ *Category* I buildings as defined in Section 1604.5 including greenhouses that are occupied for growing plants on a production or research basis, without public access shall be permitted to be unprotected.

3. Glazing in *Risk* ~~*Occupancy*~~ *Category* II, III or IV buildings located over 60 feet (18 288 mm) above the

ground and over 30 feet (9144 mm) above aggregate surface roofs located within 1,500 feet (458 m) of the building shall be permitted to be unprotected.

Date Submitted	3/2/2011	**Section**	1609.2	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. The term "Risk Category" replaces the term "Occupancy Category" in ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

WIND-BORNE DEBRIS REGION. Areas within *hurricane- prone regions* located:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed V_{ult} is 130 (48 m/s) or greater; or
2. In areas where the ultimate design wind speed V_{ult} is 140 mph (53 m/s) or greater

For Risk Category II buildings and structures and Risk ~~occupancy~~ category III buildings and structures, except health care facilities, the windborne debris region shall be based on Figure 1609A. For Risk ~~occupancy~~ category IV buildings and structures and Risk ~~occupancy~~ category III health care facilities, the windborne debris region shall be based on Figure 1609B.

Date Submitted	3/2/2011	**Section**	1609.3.1	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Clarification of the applicability of the Vasd term used to convert wind speeds within the code.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1609.3.1 Wind speed conversion. (no change to text)

V_{asd} = nominal design wind speed ~~applicable to methods specified in Exceptions 1 through 5 of Section 1609.1.1~~

Date Submitted	3/2/2011	**Section**	1609.6	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation of the provisions of the alternate all-heights method with reorganized section and chapter number of ASCE 7-10. Corrections are limited to chapter and section numbering.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1609.6 Alternate all heights method. The alternate design provisions in this section are simplifications of Chapter 27 Part 1 ? Directional Procedure of ~~the~~ ASCE 7 ~~Method 2 ? Analytical Procedure~~.

1609.6.1 Scope. As an alternate to ASCE 7 Chapter 27 Part 1 and Chapter 30 Part 3 ~~Section 6.5~~, the following provisions are permitted to be used to determine the wind effects on regularly shaped buildings, or other structures that are regularly shaped, which meet all of the following conditions:

1-3: (no change)

4. The building shall meet the requirements of a simple

diaphragm building as defined in ASCE 7 Section

26.2, where wind loads are only transmitted to the main

wind-force-resisting system (MWFRS) at the diaphragms.

5. (no change)

1609.6.1.1 Modifications. The following modifications shall be made to certain subsections in ASCE 7: in Section 1609.6.2, symbols and notations that are specific to this section are used in conjunction with the symbols and notations in ASCE 7 Section 26.3.

1609.6.2 Symbols and notations. Coefficients and variables used in the alternate all-heights method equations are as follows:

C_{net} = Net-pressure coefficient based on K_d [(G) (C_p) ?

(GC_{pi})], in accordance with Table 1609.6.2(2).

G = Gust effect factor for rigid structures in accordance with ASCE 7 Section 26.9 ~~6.5.8.1~~.

K_d = Wind directionality factor in accordance with

ASCE 7 Table 26.6-1 ~~6-4~~.

1609.6.3 Design equations. When using the alternate all-heights method, the MWFRS and components and cladding of every structure shall be designed to resist the effects of wind pressures on the building envelope in accordance with Equation 16-34.

$Pnet = q_s K_z C_{net} [IK_{zt}]$ **(Equation 16-34)**

Design wind forces for the MWFRS shall not be less than 16 ~~10~~ psf (0.77 ~~0.48~~ kN/m^2) multiplied by the wall area of the building ~~structure~~ and 8 psf (0.38 kN/m^2) multiplied by the roof area of the building projected on a plane normal to the assumed wind

direction (see ASCE 7 Section 27.4.7 ~~6.1.4~~ for criteria). Design net wind pressure for components and cladding shall not be less than 16 ~~10~~ psf (0.77 ~~0.48~~ kN/m^2) acting in either direction normal to the surface.

1609.6.4.1 Main wind-force-resisting systems. The MWFRS shall be investigated for the torsional effects identified in ASCE 7 Figure 27.4-8 ~~6-9~~.

1609.6.4.2 Determination of K_z and K_{zt}. Velocity pressure exposure coefficient, $_K z$, shall be determined in accordance with ASCE 7 Sections 27.3 and 30.3 ~~6.5.6.6~~ and the topographic factor, K_{zt}, shall be determined in accordance with ASCE 7 Section 26.8 ~~6.5.7~~.

1. For the windward side of a structure, K_{zt} and K_z shall be based on height z.

2. For leeward and sidewalls, and for windward and leeward roofs, K_{zt} and K_z shall be based on mean roof height h.

Replace Table 1609.6.2(1) with the following table:

TABLE 1609.6.2(1)

WIND VELOCITY PRESSURE (q_s) AT STANDARD HEIGHT OF 33 FEET[a]

TABLE 1609.6.2(2)—continued
NET PRESSURE COEFFICIENTS, C_{net} [a, b]

STRUCTURE OR PART THEREOF	DESCRIPTION		C_{net} FACTOR	
	Roof elements and slopes		Enclosed	Part
	Gable of hipped configurations (Zone 1) 30.4-2B 30.4-2A 30.4-2B			
	Flat < Slope < 6:12 (27°) See ASCE 7 Figure 6-11C Zone 1			
	Positive	10 square feet or less	0.58	
		100 square feet or more	0.41	
	Negative	10 square feet or less	-1.00	
		100 square feet or more	-0.92	
	Overhang: Flat < Slope < 6:12 (27°) See ASCE 7 Figure 6-11B Zone 1 30.4-2A			
	Negative	10 square feet or less	-1.45	
		100 square feet or more	-1.36	
		500 square feet or more	-0.94	
	6:12 (27°) < Slope < 12:12 (45°) See ASCE 7 Figure 6-11D Zone 1 30.4-2C			
2. Components and cladding not in areas of discontinuity—roofs and overhangs	Positive	10 square feet or less	0.92	
		100 square feet or more	0.83	
	Negative	10 square feet or less	-1.00	
		100 square feet or more	-0.83	
	Monosloped configurations (Zone 1)		Enclosed	Part
	Flat < Slope < 7:12 (30°) See ASCE 7 Figure 6-14B Zone 1 30.4-5A			
	Positive	10 square feet or less	0.49	
		100 square feet or more	0.41	
	Negative	10 square feet or less	-1.26	
		100 square feet or more	-1.09	
	Tall flat-topped roofs $h > 60'$		Enclosed	Part
	Flat < Slope < 2:12 (10°) (Zone 1) See ASCE 7 Figure 6-17 Zone 1 30.6-1			
	Negative	10 square feet or less	-1.34	

TABLE 1609.6.2(2)—continued
NET PRESSURE COEFFICIENTS, C_{net} [a, b]

STRUCTURE OR PART THEREOF	DESCRIPTION		C_{net} FACTOR	
	Roof elements and slopes		Enclosed	Pa
	Gable or hipped configurations at ridges, eaves and rakes (Zone 2)			
	Flat < Slope < 6:12 (27°) See ASCE 7 Figure 6-11C Zone 2 30.4-2B			
	Positive	10 square feet or less	0.58	
		100 square feet or more	0.41	
	Negative	10 square feet or less	-1.68	
		100 square feet or more	-1.17	
	Overhang for Slope Flat < Slope < 6:12 (27°) See ASCE 7 Figure 6-11C Zone 2 30.4-2C			
	Negative	10 square feet or less	-1.87	
		100 square feet or more	-1.87	
	6:12 (27°) < Slope < 12:12 (45°) Figure 6-11D 30.4-2C		Enclosed	Pa
	Positive	10 square feet or less	0.92	
		100 square feet or more	0.83	
	Negative	10 square feet or less	-1.17	
		100 square feet or more	-1.00	
	Overhang for 6:12 (27°) < Slope < 12:12 (45°) See ASCE 7 Figure 6-11D Zone 2 30.4-2			
3. Components and cladding in areas of discontinuities—roofs and overhangs	Negative	10 square feet or less	-1.70	
		500 square feet or more	-1.53	
	Monosloped configurations at ridges, eaves and rakes (Zone 2)			
	Flat < Slope < 7:12 (30°) See ASCE 7 Figure 6-14B Zone 2 30.4-5A			
	Positive	10 square feet or less	0.49	
		100 square feet or more	0.41	
	Negative	10 square feet or less	-1.51	
		100 square feet or more	-1.43	
	Tall flat topped roofs $h > 60'$		Enclosed	Pa
	Flat < Slope < 2:12 (10°) (Zone 2) See ASCE 7 Figure 6-17 Zone 2 30.6-1			
	Negative	10 square feet or less	-2.11	
		500 square feet or more	-1.51	

TABLE 1609.6.2(2)—continued
NET PRESSURE COEFFICIENTS, C_{net} [a, b]

STRUCTURE OR PART THEREOF	DESCRIPTION		C_{net} FACTOR	
3. Components and cladding in areas of discontinuity—roofs and overhangs (continued)	Overhang for Slope Flat < Slope < 6:12 (27°) See ASCE 7 Figure 6-11C Zone 3			3
	Negative	10 square feet or less	-3.15	
		100 square feet or more	-2.13	
	6:12 (27°) < 12:12 (45°) See ASCE 7 Figure 6-11D Zone 3		30.4-2C	
	Positive	10 square feet or less	0.92	
		100 square feet or more	0.83	
	Negative	10 square feet or less	-1.17	
		100 square feet or more	-1.00	
	Overhang for 6:12 (27°) < Slope < 12:12 (45°)		Enclosed	Part
	Negative	10 square feet or less	-1.70	
		100 square feet or more	-1.53	
	Monosloped Configurations at corners (Zone 3) See ASCE 7 Figure 6-14B Zone 3			
	Flat < Slope < 7:12 (30°)			
	Positive	10 square feet or less	0.49	
		100 square feet or more	0.41	
	Negative	10 square feet or less	-2.62	
		100 square feet or more	-1.85	
	Tall flat topped roofs $h > 60'$		Enclosed	Part
	Flat < Slope < 2:12 (10°) (Zone 3) See ASCE 7 Figure 6-17 Zone 3		30.6-1	
	Negative	10 square feet or less	-2.87	
		500 square feet or more	-2.11	
	Wall Elements: $h = 60'$ (Zone 4) Figure 6-11A		Enclosed	Part
	Positive	10 square feetor less	1.00	
		500 square feet or more	0.75	
	Negative	10 square feet or less	-1.09	

TABLE 1609.6.2(2)—continued
NET PRESSURE COEFFICIENTS, C_{net} [a, b]

STRUCTURE OR PART THEREOF	DESCRIPTION 30.4-1		C_{net} FACTOR	
5. Components and cladding in areas of discontinuity—walls and parapets	Wall elements: $h \le 60'$ (Zone 5) Figure 6-11A		Enclosed	Partia
	Positive	10 square feet or less	1.00	
		500 square feet or more	0.75	
	Negative	10 square feet or less	-1.34	
		500 square feet or more	-0.83	
	Wall elements: $h > 60'$ (Zone 5) See ASCE 7 Figure 6-17 Zone 4 30.6-1			
	Positive	20 square feet or less	0.92	
		500 square feet or more	0.66	
	Negative	20 square feet or less	-1.68	
		500 square feet or more	-1.00	
	Parapet walls			
	Positive		3.64	
	Negative		-2.45	

TABLE 1609.6.2(2)—continued
NET PRESSURE COEFFICIENTS, C_{net} [a, b]

STRUCTURE OR PART THEREOF	DESCRIPTION 30.4-1		C_{net} FACTOR	
5. Components and cladding in areas of discontinuity—walls and parapets	Wall elements: $h \le 60'$ (Zone 5) Figure 6-11A		Enclosed	Partial
	Positive	10 square feet or less	1.00	
		500 square feet or more	0.75	
	Negative	10 square feet or less	-1.34	
		500 square feet or more	-0.83	
	Wall elements: $h > 60'$ (Zone 5) See ASCE 7 Figure 6-17 Zone 4 30.6-1			
	Positive	20 square feet or less	0.92	
		500 square feet or more	0.66	
	Negative	20 square feet or less	-1.68	
		500 square feet or more	-1.00	
	Parapet walls			
	Positive		3.64	
	Negative		-2.45	

Date Submitted	3/2/2011	**Section**	1609.8	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Corrects the applicable section references in ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1609.8 Rooftop structures and equipment. The lateral force on rooftop structures and equipment with A_f less than (0.1Bh) located on buildings of all heights shall be determined from Equation 29.5-1 of ASCE 7 ~~Eq. 6-28~~ in which the value of GC_f ~~is~~ shall be taken as 3.1. GC_f shall be permitted to be reduced linearly from 3.1 to 1.1 as the value of A_f is increased from (0.1Bh) to (Bh). The value of G from Section 26.9 of ASCE 7 ~~6.5.8~~ shall not be used. Additionally, a simultaneous uplift force shall be applied, given by Equation 29.5-1 of ASCE 7 ~~Eq. 6-28~~ in which GC_f = 1.5 and A_f is replaced by the horizontal projected area, A_r, of the rooftop structure or equipment. For the uplift force GC_f shall be permitted to be reduced linearly from 1.5 to 1.0 as the value of A_r is increased from (0.1BL) to (BL).

Date Submitted	3/2/2011	**Section**	1609	**Proponent**	Joe Bigelow
Chapter	16	**Affects HVHZ**	Yes	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

S4214

Summary of Modification

Editorial - To magnify the wind maps to provide greater clarity and resolution

Rationale

Florida Specific need is to provide magnification specific to Florida. Change is editorial in nature. Provides greater resolution of the Florida maps and for greater clarity for enforcement. No impact to small businesses.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Helps enforce the code

Impact to building and property owners relative to cost of compliance with code

No impact

Impact to industry relative to the cost of compliance with code

No impact

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

This modification clarifies wind speeds and does not affect health or safety

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Maps and figures more clear - strengthens the code

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This modification does not discriminate against any materials

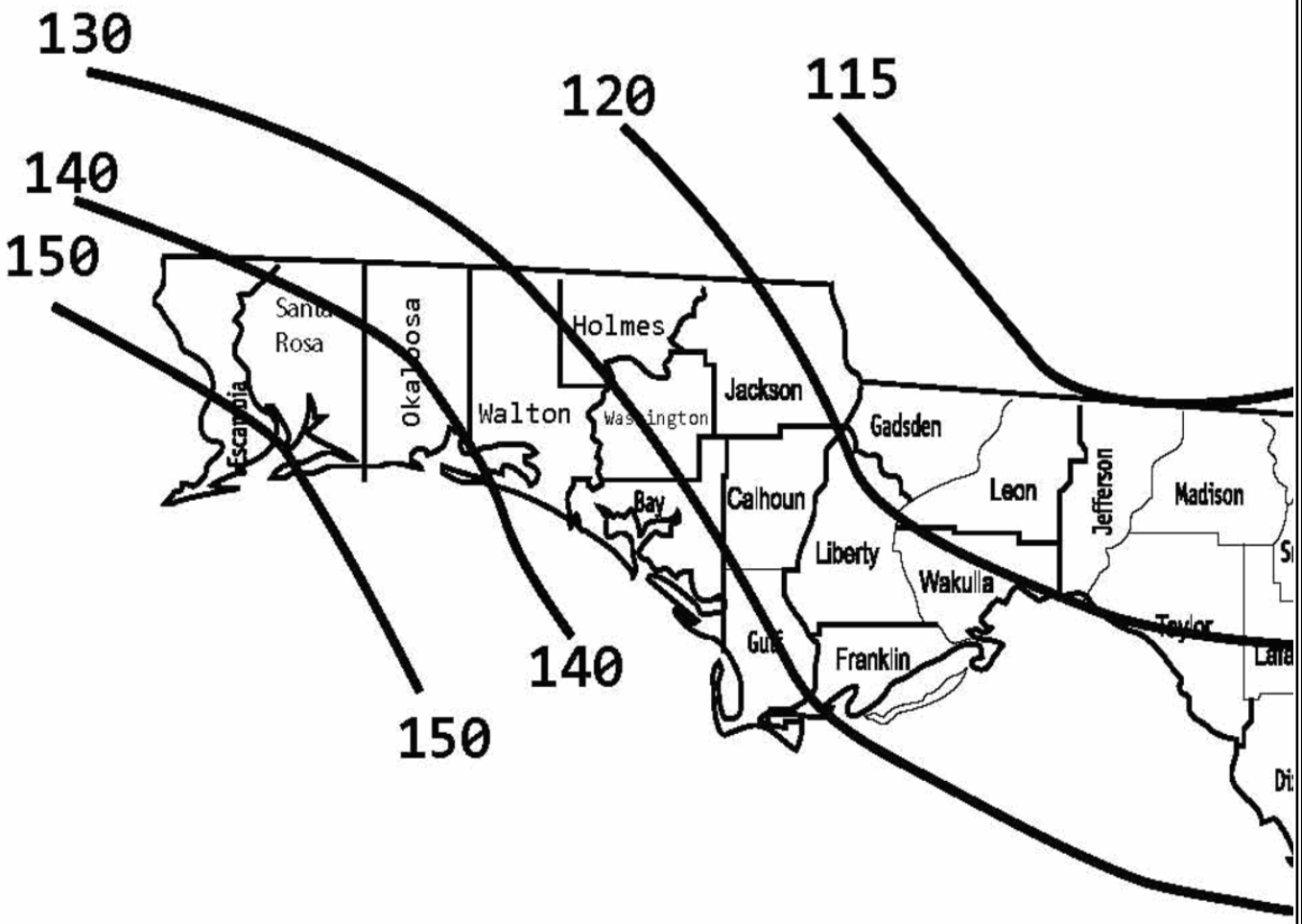
Does not degrade the effectiveness of the code

This modification does not degrade but strengthens the code

See Attached Figure 1609A

See Attached Figure 1609B

See Attached Figure 1609C

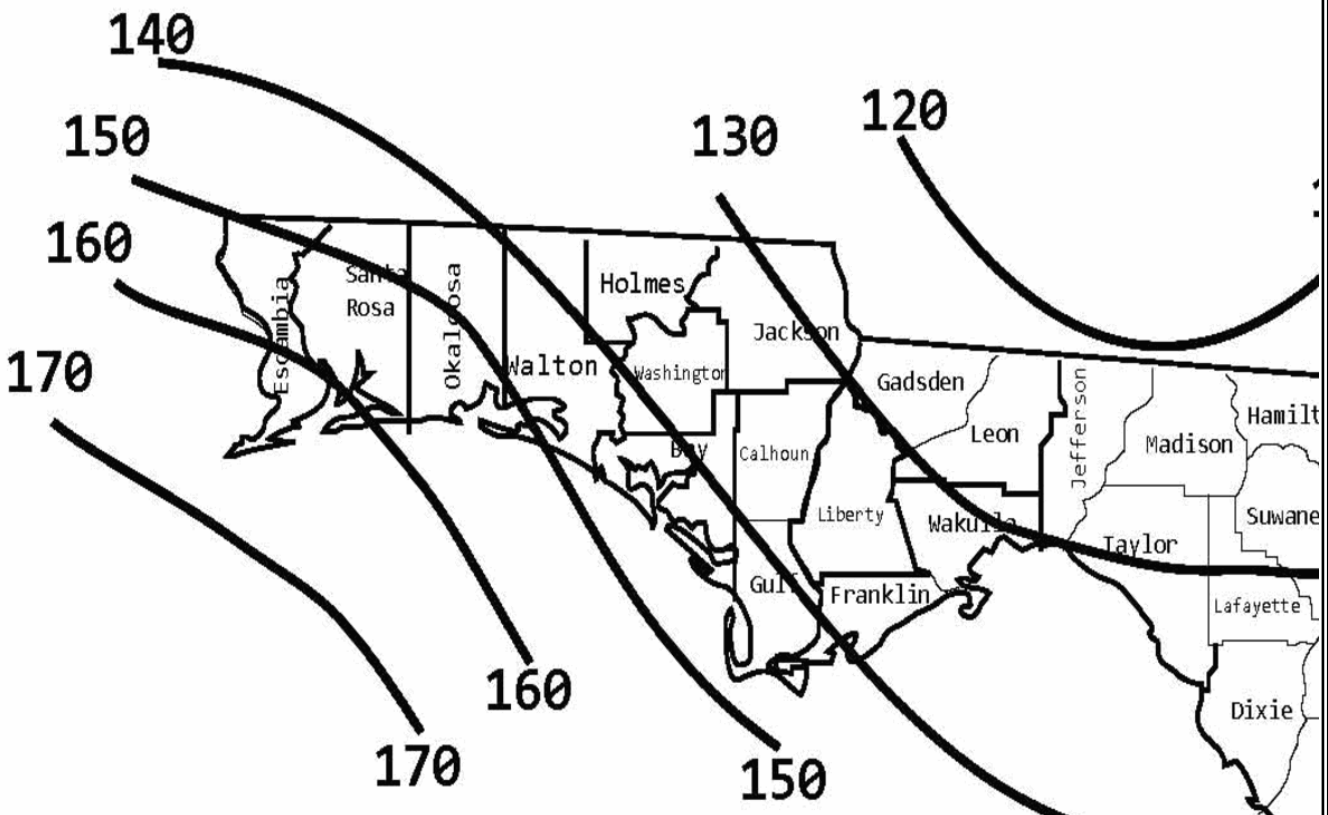


Notes:

1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.

15

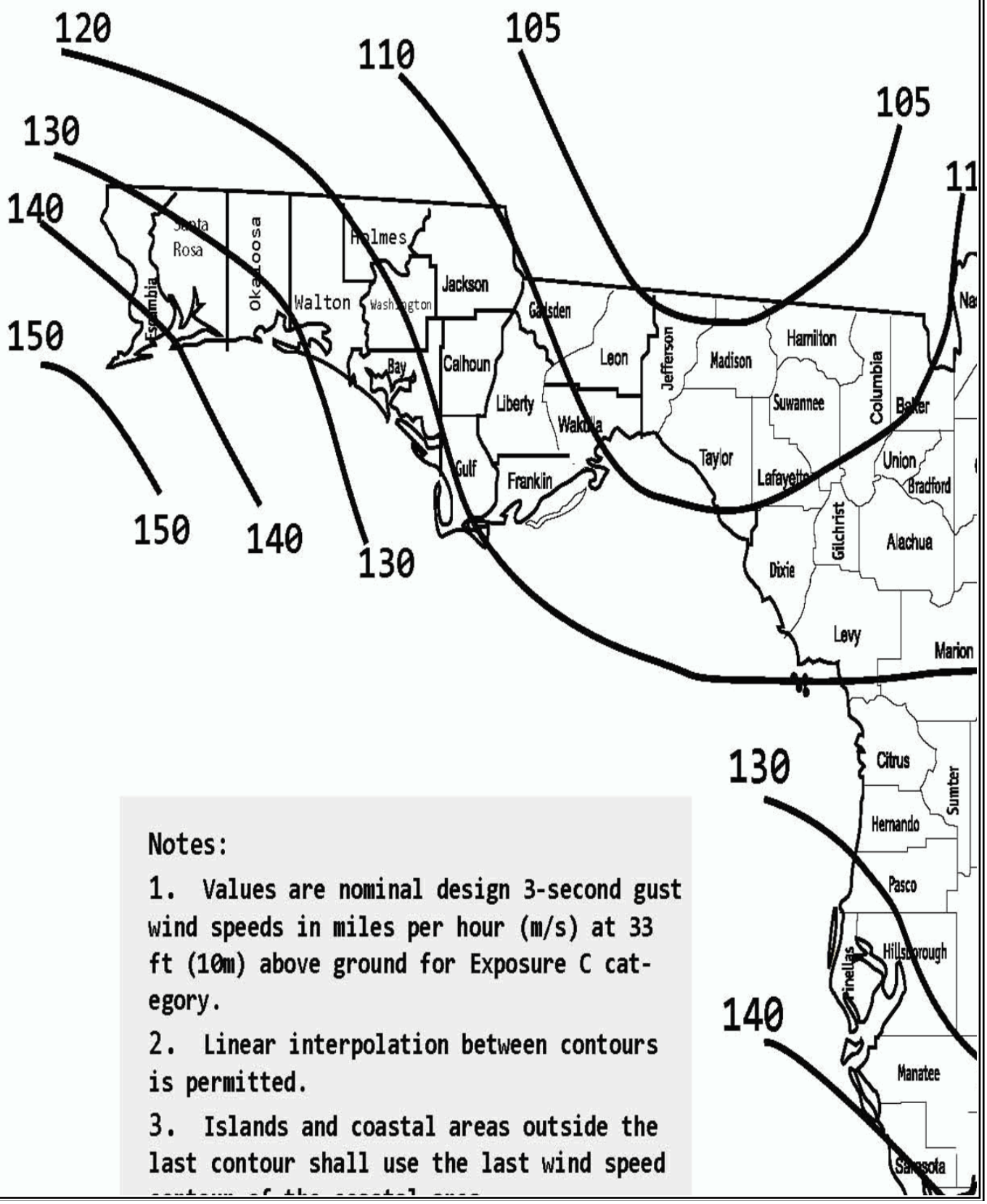
Figure 1609B

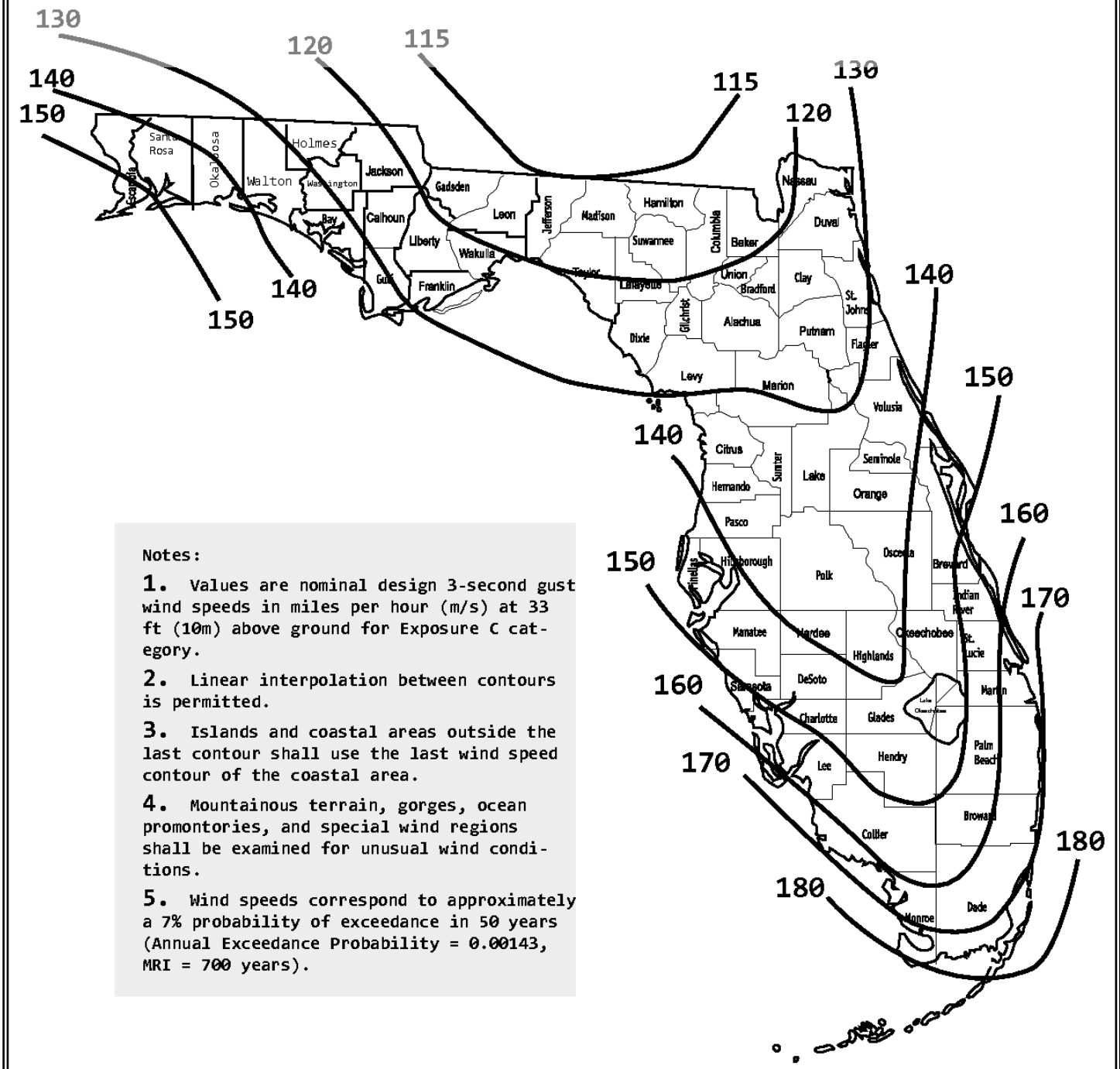


Notes:

1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category
2. Linear interpolation between contours is permitted
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area

Figure 1609C

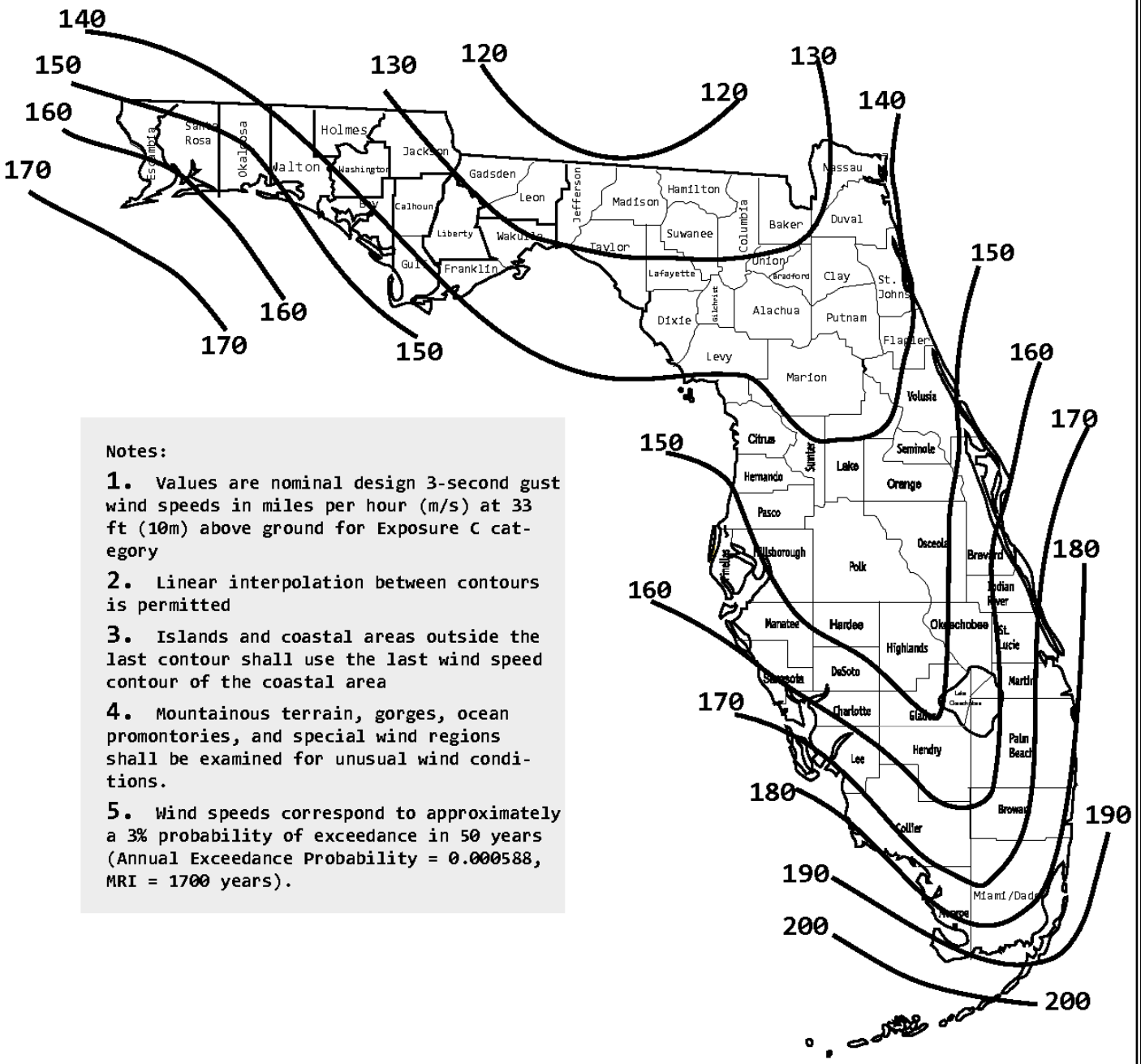




Notes:

1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
5. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (Annual Exceedance Probability = 0.00143, MRI = 700 years).

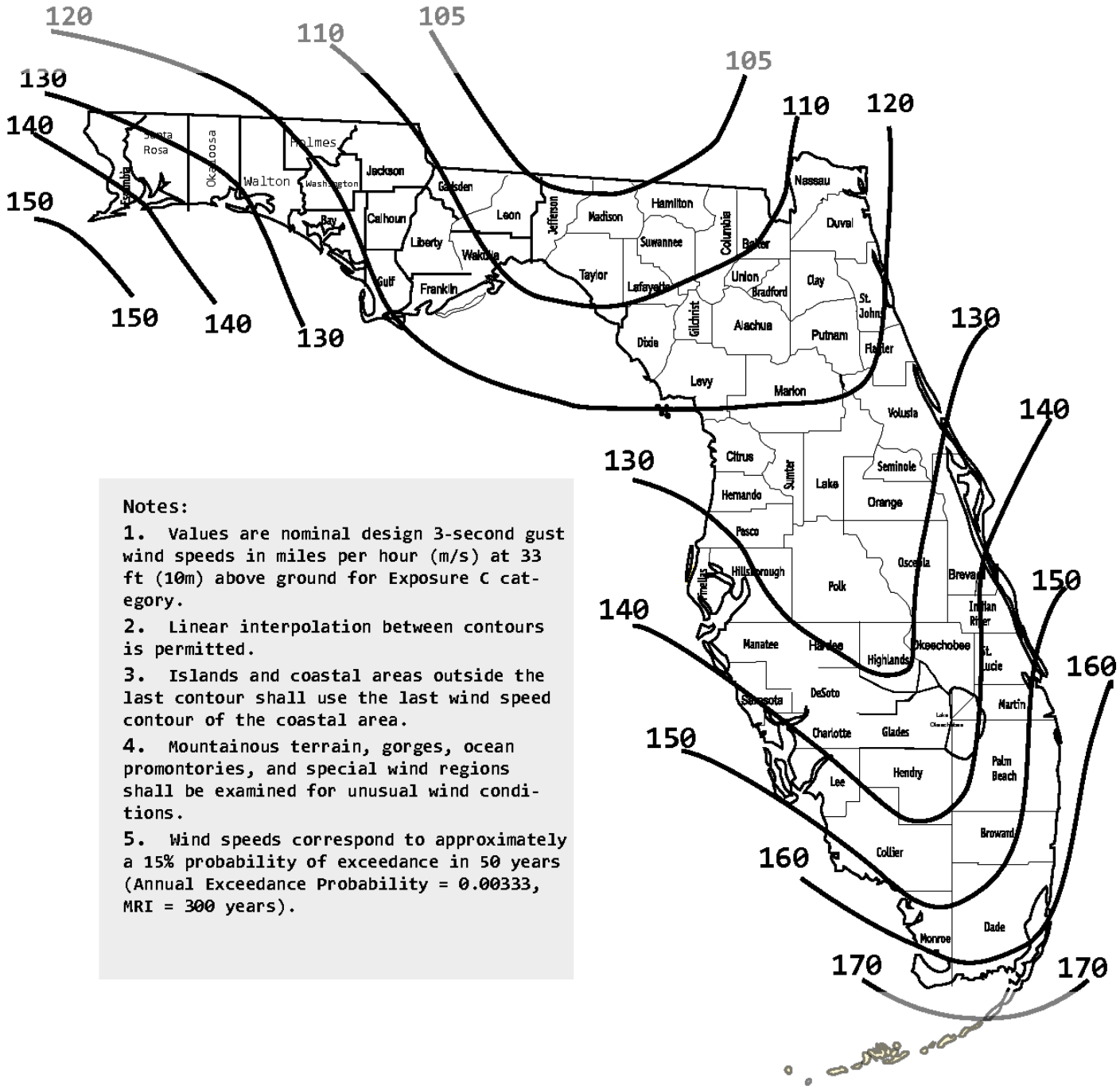
Figure 1609A Ultimate Design Wind Speeds, V_{ult}, for Risk Category II Buildings and Other Structures



Notes:

1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category
2. Linear interpolation between contours is permitted
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area
4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
5. Wind speeds correspond to approximately a 3% probability of exceedance in 50 years (Annual Exceedance Probability = 0.000588, MRI = 1700 years).

Figure 1609B Ultimate Design Wind Speeds, V_{ult},
for Risk Category III and IV Buildings and other Structures



Notes:

1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
5. Wind speeds correspond to approximately a 15% probability of exceedance in 50 years (Annual Exceedance Probability = 0.00333, MRI = 300 years).

Figure 1609C Ultimate Design Wind Speeds, V_{ult}
for Risk Category I Buildings and other Structures

Date Submitted	2/21/2011	**Section**	1612 Flood Loads	**Proponent**	Rebecca Quinn
Chapter	16	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

S3891

Summary of Modification

S3891 added this table to summarize sections with flood provisions. Proposals corrects some errors and omissions.

Rationale

This glitch change is editorial, to corrects typos and omissions in original proposal. The table would be incomplete (or conflict with the code) without these editorial changes. The proposal has a Florida specific need because this table was recommended by the Flood Resistant Standards Workgroup. There is no impact on small businesses because this is a clarification and correction only.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact, only updates and existing table that illustrates where flood provisions are found in the code.

Impact to building and property owners relative to cost of compliance with code

No impact, only updates and existing table that illustrates where flood provisions are found in the code.

Impact to industry relative to the cost of compliance with code

No impact, only updates and existing table that illustrates where flood provisions are found in the code.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

No impact, only corrects an existing table that illustrates where flood provisions are found in the code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

No impact, only corrects an existing table that illustrates where flood provisions are found in the code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

No impact, only corrects an existing table that illustrates where flood provisions are found in the code.

Does not degrade the effectiveness of the code

No, improves the code by correcting an existing table that illustrates where flood provisions are found in the code.

The corrected parts are shown highlighted

Table 1612.1 CROSS REFERENCES DEFINING FLOOD RESISTANT PROVISIONS OF THE *FLORIDA BUILDING CODE*			
Florida Building Code – Building			
Section		Section	
Chapter 1	Administration	Chapter 14	Exterior Walls
102	Applicability	1403	Performance Requirements
107	Construction Documents		
110	Inspections	Chapter 16	Structural Design
111	Certificates of Occupancy and Completion	1601	General
		1603	Construction Documents
Chapter 2	Definitions	1605	Load Combinations
202	Definitions	1612	Flood Loads
Chapter 4	Special Detailed Requirements Based on Use and Occupancy	Chapter 18	Soils and Foundations
419	Hospitals	1801	General
420	Nursing Homes	~~1803~~ 1804	Excavation, Grading and Fill
424	Swimming Pools and Bathing Places (Public And Private)	1807	Dampproofing and Waterproofing
Chapter 8	Interior Finishes	Chapter 30	Elevators and Conveying Systems
801	General	3001	General
Chapter 12	Interior Environment	Chapter 31	Special Construction
1203	Ventilation	3102	Membrane Structures
Florida Building Code – Residential			
Section		Section	
Chapter 2	Definitions	Chapter 22	Special Piping and Storage Systems
202	Definitions	M2201	Oil Tanks

		P2601	General
Chapter 4	Foundations		
R401	General	Chapter 27	Plumbing Fixtures
R408	Under-Floor Space	P2705	Installation
Chapter 13	General Mechanical System Requirements	Chapter 30	Sanitary Drainage
M1301	General	P3001	General
Chapter 14	Heating and Cooling Equipment	Chapter 31	Vents
M1401	General	P3101	Vent Systems
Chapter 16	Duct Systems	Chapter 41	Swimming Pools
M1601	Duct Construction	R4101	Private Swimming Pools
Chapter 17	Combustion Air	Chapter 44	High-Velocity Hurricane Zones
M1701	General	R4403	High-Velocity Hurricane Zones – General
Chapter 20	Boilers and Water Heaters		
M2001	Boilers		
Florida Building Code – Existing			
Section		Section	
Chapter 1	Administration	Chapter 10	Additions
101	General	1003	Structural
Chapter 2 202	Definitions Definitions		
Chapter 3	Prescriptive Compliance Method	Chapter 11	Historic Buildings
302 303 304	Additions Alterations Repairs	1101	General
Chapter 5	Repairs	Chapter 12	Relocated or Moved Buildings
501	General	1202	Requirements
506	Structural		

Section		Section	
Chapter 3	General Regulations	Chapter 6	Duct Systems
M301	General	M602	Plenums
		M603	Duct Construction and Installation
Chapter 4	Ventilation		
M401	General	Chapter 12	Hydronic Piping
		M1206	Piping Installation
Chapter 5	Exhaust Systems		
M501	General	Chapter 13	Fuel Oil Piping and Storage
		M1305	Fuel Oil System Installation
Florida Building Code – Plumbing			
Section			
Chapter 3	General Regulations		
P309	Flood Hazard Resistance		
Florida Building Code – Fuel Gas			
Section			
Chapter 3	General Regulations		
FG301	General		

Rebecca Quinn, on behalf of Florida Division of Emergency Management

*Code Version	
*Sub Code	FBC, B
*Chapter & Topic	Chapter 16 Structural Design
*Section	1612 Flood Loads
Related Modifications	*3891*
*Summary of Modification	At the request of the Flood Resistant Standards Workgroup, S3891 was submitted and approved to add a table to this section. The table is a summary of every location in each of the codes were a flood provision is found. This modification corrects some errors and adds some references that were inadvertently omitted.
*Text of Modification	

The corrected parts are shown highlighted

Table 1612.1

CROSS REFERENCES DEFINING FLOOD RESISTANT PROVISIONS OF THE *FLORIDA BUILDING CODE*

Florida Building Code – Building			
Section		Section	
Chapter 1	Administration	Chapter 14	Exterior Walls
102	Applicability	1403	Performance Requirements
107	Construction Documents		
110	Inspections	Chapter 16	Structural Design
111	Certificates of Occupancy and Completion	1601	General
		1603	Construction Documents
Chapter 2	Definitions	1605	Load Combinations
202	Definitions	1612	Flood Loads
Chapter 4	Special Detailed Requirements Based on Use and Occupancy	Chapter 18	Soils and Foundations
419	Hospitals	1801	General
420	Nursing Homes	~~1803~~ 1804	Excavation, Grading and Fill
424	Swimming Pools and Bathing Places (Public And Private)	1807	Dampproofing and Waterproofing
Chapter 8	Interior Finishes	Chapter 30	Elevators and Conveying Systems
801	General	3001	General

Chapter 12	Interior Environment	Chapter 31	Special Construction
1203	Ventilation	3102	Membrane Structures
Florida Building Code – Residential			
Section		Section	
Chapter 2	Definitions	Chapter 22	Special Piping and Storage Systems
202	Definitions	M2201	Oil Tanks
Chapter 3	Building Planning	Chapter 24	Fuel Gas
R301	Design Criteria	G2404 (301)	General
R309	Garages and Carports		
R322	Flood Resistant Construction	Chapter 26	General Plumbing Requirements
		P2601	General
Chapter 4	Foundations		
R401	General	Chapter 27	Plumbing Fixtures
R408	Under-Floor Space	P2705	Installation
Chapter 13	General Mechanical System Requirements	Chapter 30	Sanitary Drainage
M1301	General	P3001	General
Chapter 14	Heating and Cooling Equipment	Chapter 31	Vents
M1401	General	P3101	Vent Systems
Chapter 16	Duct Systems	Chapter 41	Swimming Pools
M1601	Duct Construction	R4101	Private Swimming Pools
Chapter 17	Combustion Air	Chapter 44	High-Velocity Hurricane Zones
M1701	General	R4403	High-Velocity Hurricane Zones – General
Chapter 20	Boilers and Water Heaters		
M2001	Boilers		
Florida Building Code – Existing			
Section		Section	
Chapter 1	Administration	Chapter 10	Additions
101	General	1003	Structural
Chapter 2 202	Definitions Definitions		

Chapter 3	Prescriptive Compliance Method	Chapter 11	Historic Buildings
302	Additions	1101	General
303	Alterations		
304	Repairs		
Chapter 5	Repairs	Chapter 12	Relocated or Moved Buildings
501	General	1202	Requirements
506	Structural		
		Chapter 13	Performance Compliance Methods
Chapter 6	Alterations – Level I	1301	General
601	General		
Florida Building Code – Mechanical			
Section		Section	
Chapter 3	General Regulations	Chapter 6	Duct Systems
M301	General	M602	Plenums
		M603	Duct Construction and Installation
Chapter 4	Ventilation		
M401	General	Chapter 12	Hydronic Piping
		M1206	Piping Installation
Chapter 5	Exhaust Systems		
M501	General	Chapter 13	Fuel Oil Piping and Storage
		M1305	Fuel Oil System Installation
Florida Building Code – Plumbing			
Section			
Chapter 3	General Regulations		
P309	Flood Hazard Resistance		
Florida Building Code – Fuel Gas			
Section			
Chapter 3	General Regulations		
FG301	General		

THIS SHOWS ONLY THE EXISTING BUILDING PART OF THE TABLE, WITH THE ADDITIONS HIGHLIGHTED IN YELLOW ACCEPTED AND THE FLOW CORRECTED

Florida Building Code – Existing			
Section		Section	
Chapter 1	Administration	Chapter 10	Additions
101	General	1003	Structural
Chapter 2	Definitions	Chapter 11	Historic Buildings
202	Definitions	1101	General
Chapter 3	Prescriptive Compliance Method	Chapter 12	Relocated or Moved Buildings
302	Additions	1202	Requirements
303	Alterations		
304	Repairs		
Chapter 5	Repairs	Chapter 13	Performance Compliance Methods
501	General	1301	General
506	Structural		
Chapter 6	Alterations – Level I		
601	General		

Date Submitted	2/21/2011	**Section**	1612.5	**Proponent**	Rebecca Quinn
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

This editorial proposal corrects the reference so that the code points to Sec. 110.3, which is where the inspections are described.

Rationale

This glitch proposal is editorial, to correct the reference to the section in the Fl Bldg Code where inspections are listed. Original proposal was S3885. Without this editorial change the text would refer to an incorrect section, creating a conflict within the code. The proposed change is part of a Florida specific code proposal recommended by the Flood Resistant Standards Workgroup. There is no impact on small businesses because the proposal only corrects references to another section in the code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None, only corrects a cross-reference.

Impact to building and property owners relative to cost of compliance with code

None, only corrects a cross-reference.

Impact to industry relative to the cost of compliance with code

None, only corrects a cross-reference.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Corrects a cross reference, improves enforceability.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Corrects a cross reference, improves enforceability.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Corrects a cross reference, improves enforceability.

Does not degrade the effectiveness of the code

Corrects a cross reference, improves enforceability.

1612.5 Flood hazard documentation. The following documentation shall be prepared and sealed by a registered design professional and shall be submitted to the building official:

1. For construction in flood hazard areas not subject to high-velocity wave action:

1.1. The elevation of the lowest floor, including basement, as required by the foundation inspection and the final inspection in Section 110.3 ~~109.3~~.

1.2. For fully enclosed areas below the design flood elevation where provisions to allow for the automatic entry and exit of floodwaters do not meet the minimum requirements in Section 2.6.2.1, ASCE 24, construction documents shall include a statement that the design will provide for equalization of hydrostatic flood forces in accordance with Section 2.6.2.2 of ASCE 24.

1.3. For dry floodproofed nonresidential buildings, construction documents shall include a statement that the dry floodproofing is designed in accordance with ASCE 24.

2. For construction in flood hazard areas subject to high-velocity wave action:

2.1. The elevation of the bottom of the lowest horizontal structural member as required by the foundation inspection and the final inspection in Section 110.3 ~~109.3~~.

remainder not shown

Date Submitted	3/2/2011	**Section**	1615.2.1	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10 wind speeds.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1615.2.1 Fences. Fences not exceeding 6 feet (1829 mm) in height from grade maybe designed for 75 mph(33 m/s) fastest mile wind speed or 115 ~~90~~ mph (40 m/s) 3-second gust.

Date Submitted	3/2/2011	**Section**	1620.6	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. Section and equation numbers are revised to be consistent with the reorganization of the wind provisions in ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1620.6 Rooftop structures and equipment. The lateral force on rooftop structures and equipment with A_f less than (0.1Bh) located on buildings of all heights shall be determined from Equation 29.5-1 of ASCE 7 ~~Eq. 6-28~~ in which the value of GC_f ~~is~~ shall be taken as 3.1. GC_f shall be permitted to be reduced linearly from 3.1 to 1.1 as the value of A_f is increased from (0.1Bh) to (Bh). The value of G from Section 26.9 of ASCE 7 ~~6.5.8~~ shall not be used. Additionally, a simultaneous uplift force shall be applied, given by Equation 29.5-1 of ASCE 7 ~~Eq. 6-28~~ in which $GC_f = 1.5$ and A_f is replaced by the horizontal projected area, A_r, of the rooftop structure or equipment. For the uplift force GC_f shall be permitted to be reduced linearly from 1.5 to 1.0 as the value of A_r is increased from (0.1BL) to (BL).

Date Submitted	3/2/2011	**Section**	Table 1609.1.2	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10 and new wind speed maps in the code.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

Table 1609.1.2

(no change to table values)

Note a:

a. This table is based on a $V_{asd,}$ determined in accordance with Section 1609.3.1 of 140 mph ~~wind speeds~~ and a 45-foot mean roof height.

Date Submitted	3/2/2011	**Section**	Table 1625.4	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. Table 1625.4 is revised to apply the appropriated design pressures for testing to the the design wind loads of ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

Table 1625.4

Revise part of table as follows:

Range of Test

0 to ~~0.5~~ 0.3p^2

0 to ~~0.6~~ 0.36p

0 to ~~1.3~~ 0.78p

Date Submitted	3/11/2011	**Section**	Table 1625.4	**Proponent**	Michael Goolsby
Chapter	16	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Table R4403.15.4

Summary of Modification

Correlation of Fatigue Loading Sequence Table with ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the unintended conflict created within the updated code. The proposed code change will have no negative impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

TABLE 1625.4 FATIGUE LOADING SEQUENCE

RANGE OF TEST	NUMBER OF CYCLES[1]
0 to $0.5p_{max}$[2]	600
0 to $0.6p_{max}$	70
0 to $1.3p_{max}$	1

1. Each cycle shall have minimum duration of 1 second and a maximum duration of 3 seconds and must be performed in a continuous manner.
2. p_{max} = 0.6 x ultimate design load in accordance with ASCE7.~~the design wind load for the height and location, when the assembly will be used. For wall and roof components, shape factors given in ASCE 7 shall be used.~~

Date Submitted	3/2/2011	**Section**	Table 1626	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. Table 1626 is revised to apply the appropriated design pressures for testing to the the design wind loads of ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

Table 1626

Multiply all P_{MAX} values by 0.6.

Date Submitted	3/11/2011	**Section**	Table 1626	**Proponent**	Michael Goolsby
Chapter	16	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Table R4403.16

Summary of Modification

Correlation of Cyclic Wind Pressure Loading Table with ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the unintended conflict created within the updated code. The proposed code change will have no negative impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

TABLE 1626 CYCLIC WIND PRESSURE LOADING

INWARD ACTING PRESSURE		OUTWARD ACTING PRESSURE	
RANGE	**NUMBER OF CYCLES[1]**	**RANGE**	**NUMBER OF CYCLES[1]**
0.2 P_{MAX} to 0.5 P_{MAX}[2]	3,500	0.3 P_{MAX} to 1.0 P_{MAX}	50
0.0 P_{MAX} to 0.6 P_{MAX}	300	0.5 P_{MAX} to 0.8 P_{MAX}	1,050
0.5 P_{MAX} to 0.8 P_{MAX}	600	0.0 P_{MAX} to 0.6 P_{MAX}	50
0.3 P_{MAX} to 1.0 P_{MAX}	100	0.2 P_{MAX} to 0.5 P_{MAX}	3,350

NOTES:
1. Each cycle shall have minimum duration of 1 second and a maximum duration of 3 seconds and must be performed in a continuous manner 1.
2. P_{MAX} = 0.6 x ultimate ~~denotes maximum~~ design load in accordance with ASCE 7. The pressure spectrum shall be applied to each test specimen beginning with inward acting pressures followed by the outward acting pressures in the order from the top of each column to the bottom of each column.

Date Submitted	3/2/2011	**Section**	1702	**Proponent**	T Stafford
Chapter	17	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correction to the supplement to maintain existing Florida-specific amendments.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

Special Inspection. Reserved.

Special Inspection, Continuous. Reserved.

Special Inspection, Periodic. Reserved.

Structural Observation. Reserved.

Date Submitted	2/28/2011	**Section**	1715.5.2.1	**Proponent**	Roger LeBrun
Chapter	17	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

4332, 4561

Summary of Modification

Correct Section number and add reference to prior section, to address a numbering issue with the base code.

Rationale

Approved Mod 4332 included a new section that was not numbered correctly after the Florida supplement was merged with the base code. This editorially corrects that issue, which correlates with Florida-specific section numbering.
Small businesses are not expected to be impacted by this correction.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Eliminates a numbering problem so the code could be correctly interpreted.

Impact to building and property owners relative to cost of compliance with code

No impact

Impact to industry relative to the cost of compliance with code

No impact

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the structural requirements related to overhead fenestration.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Provides more clarity.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

All currently allowed products will continued to be allowed.

Does not degrade the effectiveness of the code

Makes a needed correction to maintain the effectiveness of the code.

1715.5.2.1.2 Skylights and sloped glazing. Unit skylights and tubular daylighting devices (TDDs) shall comply with the requirements of Sections 1715.5.2.1.1 and 2405. All skylights and sloped glazing shall comply with the requirements of Chapter 24.

Date Submitted	2/25/2011	**Section**	1715.8.2	**Proponent**	Oriol Haage
Chapter	17	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Replace title Miami-Dade Building Code Compliance Office with Miami-Dade County Building and Neighborhood Compliance Department

Rationale

Editorial correction to replace Miami-Dade Building Code Compliance Office with Miami-Dade County Building and Neighborhood Compliance Department. This glitch modification is necessary based on unintended results from the integration of previously adopted Florida-specific amendments with the FBC. This will not impact small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None. Clarification of terminology

Impact to building and property owners relative to cost of compliance with code

None. Clarification of terminology

Impact to industry relative to the cost of compliance with code

None. Clarification of terminology

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarification of terminology allows for enhanced interpretation and enforcement of the code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Strengthens code through clarification of terminology.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate

Does not degrade the effectiveness of the code

Does not degrade

1715.8.2 The following information shall be included on the labels on impact resistant coverings:

1. Product approval holder name and address.

2. All applicable methods of approval. Methods of approval include, but are not limited to Miami-Dade NOA; Florida Building Commission, TDI Product Evaluation; ICC-ES.

3. The test standard or standards specified at Section 1609.1.4, including standards referenced within the test standards specified at Section 1609.1.4 used to demonstrate code compliance.

4. For products with a Florida Product Approval Number or a Miami-Dade County Building and Neighborhood ~~Code~~ Compliance ~~Office~~ Department Notice of Acceptance Number (NOA), such numbers shall be included on the label.

Date Submitted	3/2/2011	**Section**	1715	**Proponent**	T Stafford
Chapter	17	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. Proposed changes clarify the appropriate design pressure to use when testing to ASCE 7-10 design wind loads.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1715.5.1 The design pressure for window and door assemblies shall be calculated in accordance with component and cladding wind loads in 1609. The design pressures, as determined from ASCE 7, are permitted to be multiplied by 0.6.

1715.5.3 Exterior door assemblies. Exterior door assemblies not covered by Section 1715.5.2or Section 1715.5.3.1 shall be tested for structural integrity in accordance with ASTM E 330 Procedure A, at a load of 1.5 times the required design pressure load. The load shall be sustained for 10 seconds with no permanent deformation of any main frame or panel member in excess of 0.4 percent of its span after the load is removed. The design pressures, as determined from ASCE 7, are permitted to be multiplied by 0.6. High-velocity hurricane zones shall comply with TAS 202. After each specified loading, there shall be no glass breakage, permanent damage to fasteners, hardware parts, or any other damage which causes the door to be inoperable.

(no change to remainder)

1715.5.3.1 Sectional garage doors and rolling doors shall be tested for determination of structural performance under uniform static air pressure difference in accordance with ANSI/DASMA 108, ASTM E 330 Procedure A, or TAS 202. For products tested in accordance with ASTM E 330, testing shall include a load of 1.5 times the required design pressure load sustained for 10 seconds, and acceptance criteria shall be in accordance with ANSI/DASMA 108. (HVHZ shall comply with TAS 202.). The design pressures, as determined from ASCE 7, are permitted to be multiplied by 0.6.

1715.5.5.4 Structural safety factor. Mullions that are tested by an approved testing laboratory shall be capable of resisting a load of 1.5 times the design pressure loads applied by the window and door assemblies to be supported. The design pressures, as determined from ASCE 7, are permitted to be multiplied by 0.6. The 1.5 times the design pressure load shall be sustained for 10 seconds, and the permanent deformation shall not exceed 0.2 percent of the mullion span for assemblies requiring deflection limitations, as defined in AAMA/WDMA/CSA 101/I.S.2/A440 and 0.4 percent of the mullion span for all other assemblies after the 1.5 times design pressure load is removed. Mullions that are qualified by engineering shall be capable of resisting the design pressure loads applied by the window and door assemblies to be supported without exceeding the allowable stress of the mullion elements.

1715.8.2 The following information shall be included on the labels on impact resistant coverings:

1.Product approval holder name and address.

2.All applicable methods of approval. Methods of approval include, but are not limited to Miami-Dade NOA; Florida Building Commission, TDI Product Evaluation; ICC-ES.

3.The test standard or standards specified at Section 1609.1.2 ~~1609.1.4~~, including standards referenced within the test standards specified at Section 1609.1.2 ~~1609.1.4~~ used to demonstrate code compliance.

4. For products with a Florida Product Approval Number or a Miami-Dade County Building Code Compliance Office Notice of Acceptance Number (NOA), such numbers shall be included on the label.

components provide equal or greater structural performance and durability as demonstrated by testing in accordance with approved test standards.

All exterior wall coverings and soffits shall be capable of resisting the design pressures specified for walls for components and cladding loads in accordance with Section 1609.1. Manufactured soffits shall be tested at 1.5 times the design pressure. The design pressures, as determined from ASCE 7, are permitted to be multiplied by 0.6.

Date Submitted	3/2/2011	**Section**	1807.1	**Proponent**	T Stafford
Chapter	18	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correct section numbering for retaining walls by relocating to Section 1807.2.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1807.2 Retaining walls ~~1807.1 General~~. Walls built to retain or support the lateral pressure of earth or water or other superimposed loads shall be designed and constructed of masonry, concrete, steel sheet piling or other approved materials.

1807.2.1 Design. Retaining walls shall be designed to resist the design lateral soil loads in Section 1610, including both dead and live load surcharges to which such walls are subjected, and to ensure stability against overturning, sliding, excessive foundation pressure and water uplift.

1807.2.2 ~~1807.3~~ Hydrostatic pressure. Unless drainage is provided, the hydrostatic head of the water pressure shall be assumed to be equal to the height of the wall.

1807.2.3 ~~1807.4~~ Reinforced masonry retaining walls. Vertical reinforcement for masonry retaining walls shall comply with Table 1806.4 or shall be designed in accordance with ACI 530/ASCE 5/TMS 402. Masonry shall be fully grouted with a minimum f'm of 1,500 psi (10 343 kPa). Mortar for masonry shall be Type M or S and laid in running bond. The specified location of the reinforcement shall equal or exceed the effective depth distance, d, noted in Table 1807.2.3 ~~1806.4~~ and shall be measured from the exposed side of the wall to the center of the vertical reinforcement. Footings for reinforced masonry retaining walls shall be designed in accordance with ACI 318.

1807.2.4 ~~1807.5~~ Segmental retaining walls. Segmental retaining walls shall be designed in accordance with NCMA Design Manual for Segmental Retaining Walls.

TABLE 1807.2.3 ~~1807.4~~

REINFORCEMENT FOR MASONRY RETAINING WALLS

(no change to table values)

Date Submitted	3/2/2011	**Section**	1809.10	**Proponent**	T Stafford
Chapter	18	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Deletion of prescriptive requirements not applicable to high wind areas.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1809.10 Pier and curtain wall foundations. Reserved. ~~Except in Seismic Design Categories D, E and F, pier and curtain wall foundations shall be permitted to be used to support light-frame construction not more than two stories above grade plane, provided the following requirements are met:~~

~~1. All load-bearing walls shall be placed on continuous concrete footings bonded integrally with the exterior wall footings.~~

~~2. The minimum actual thickness of a load-bearing masonry wall shall not be less than 4 inches (102 mm)nominal or 35/8 inches (92 mm) actual thickness, and shall be bonded integrally with piers spaced 6 feet (1829 mm) on center (o.c.).~~

~~3. Piers shall be constructed in accordance with Chapter 21 and the following:~~

~~3.1. The unsupported height of the masonry piers shall not exceed 10 times their least dimension.~~

~~3.2. Where structural clay tile or hollow concrete masonry units are used for piers supporting beams and girders, the cellular spaces shall be filled solidly with concrete or Type M or S mortar.~~

~~Exception: Unfilled hollow piers shall be permitted where the unsupported height of the pier is not more than four times its least dimension.~~

~~3.3. Hollow piers shall be capped with 4 inches (102 mm) of solid masonry or concrete or the cavities of the top course shall be filled with concrete or grout.~~

~~4. The maximum height of a 4-inch (102 mm) load-bearing masonry foundation wall supporting wood-frame walls and floors shall not be more than 4 feet (1219 mm) in height.~~

~~5. The unbalanced fill for 4-inch (102 mm) foundation walls shall not exceed 24 inches (610 mm) for solid masonry, nor 12 inches (305 mm) for hollow masonry.~~

Date Submitted	3/2/2011	**Section**	1809.5	**Proponent**	T Stafford
Chapter	18	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. The term "Risk Category" replaces "Occupancy Category" in ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

1809.5 Frost protection. Except where otherwise protected from frost, foundations and other permanent supports of buildings and structures shall be protected from frost by one or more of the following methods:

1. Extending below the frost line of the locality;

2. Constructing in accordance with ASCE 32; or

3. Erecting on solid rock.

Exception: Free-standing buildings meeting all of the following

conditions shall not be required to be protected:

1. Assigned to *Risk* ~~*Occupancy*~~ *Category* I, in accordance with Section 1604.5;

2. Area of 600 square feet (56m2) or less for light-frame construction or 400 square feet (37 m2) or less for

other than light-frame construction; and

3. Eave height of 10 feet (3048 mm) or less.

Shallow foundations shall not bear on frozen soil unless such frozen condition is of a permanent character.

Date Submitted	3/2/2011	**Section**	Table 1808.8.1	**Proponent**	T Stafford
Chapter	18	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Revise Table 1808.8.1 to delete non-applicable seismic provisions.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

Table 1808.8.1

Change table rows as follows

1. Foundations ~~for structures assigned to Seismic Design Category A, B or C~~

2a. Reserved ~~Foundations for Group R or U occupancies of light-frame construction, two stories or less in height,~~

~~assigned to Seismic Design Category D, E or F 2,500 psi~~

2b. Reserved ~~Foundations for other structures assigned to Seismic Design Category D, E, or F 3,000 psi~~

Date Submitted	3/1/2011	**Section**	2003.9.2	**Proponent**	T Stafford
Chapter	20	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Removes language made inapplicable by TAC change to original mod.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.The lead phrase was added this cycle in the corresponding non-HVHZ sections to clarify the categories were related to application of the provisions of AAMA 2100. The mod inserting the AAMA Sunroom Categories in the HVHZ section of the code was modified by the Structural TAC to retain the Sunroom Categories and remove the adoption of AAMA 2100 for the HVHZ. The lead phrase is not necessary and may create confusion since it refers to a standard not adopted for use in the HVHZ.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

2003.9.2 Sunroom Categories.Sunroom Categories. ~~For the purpose of applying the criteria of the AAMA Standard for sunrooms based on the intended use,~~ s Sunrooms shall be categorized in one of the following categories by the permit applicant, design professional, or the property owner where the sunroom is being constructed.

Date Submitted	3/1/2011	**Section**	Table 2002.4	**Proponent**	T Stafford
Chapter	20	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Provides correct version of table.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business. The table contained in supplement is incorrect version.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

Place correct table in code.

Table 2002.4

DESIGN WIND PRESSURES SCREENED ENCLOSURES (for Strength or LRFD Design)[a,b,c]

	Basic Wind Speeds (mph)																				
Ultimate Wind Speeds (V_{ult}):	110			120			130			140			150			160			170		
Surface	Design Pressures by Exposure Category (psf)																				
	B	C	D	B	C	D	B	C	D	B	C	D	B	C	D	B	C	D	B	C	D
Horizontal Pressures on Windward Surfaces	17	24	28	20	28	33	23	32	38	27	38	44	31	43	51	36	49	58	40	56	66
Horizontal Pressures on Leeward Surfaces	13	18	21	15	22	26	20	26	31	21	29	34	22	34	40	25	39	46	29	44	52
Vertical Pressures on Screen Surfaces	4	7	8	6	8	9	6	9	11	8	11	12	9	12	14	10	14	16	11	15	18
Vertical Pressures on Solid Surfaces	14	19	23	17	23	27	20	27	32	23	32	37	25	36	42	29	41	48	33	46	54

NOTES:

No change to Notes.

Table 2002.4

DESIGN WIND PRESSURES SCREENED ENCLOSURES (for Strength or LRFD Design)[a,b,c,i]

Ultimate Wind Speeds (V_u):	Basic Wind Speeds (mph)																				
	110			120			130			140			150			160			170		
Surface	Design Pressures by Exposure Category (psf)																				
	B	C	D	B	C	D	B	C	D	B	C	D	B	C	D	B	C	D	B	C	D
Horizontal Pressures on Windward Surfaces	17	24	28	20	28	33	23	32	38	27	38	44	31	43	51	36	49	58	40	56	66
Horizontal Pressures on Leeward Surfaces	13	18	21	15	22	26	20	26	31	21	29	34	22	34	40	25	39	46	29	44	52
Vertical Pressures on Screen Surfaces	4	7	8	6	8	9	6	9	11	8	11	12	9	12	14	10	14	16	11	15	18
Vertical Pressures on Solid Surfaces	14	19	23	17	23	27	20	27	32	23	32	37	25	36	42	29	41	48	33	46	54

For SI: 1 pound per square foot = 9.479 kN/m2.

NOTES:

a. Pressures based on ~~include importance factors~~ Risk Category I determined in accordance with Table 1604.5 or Table 1.5-1 of ASCE 7.

b. Pressures apply to enclosures with a mean enclosure roof height of 30 feet (10 m). For other heights, multiply the pressures in this table by the factors in Table 2002.4A.

c. Apply horizontal pressures to the area of the enclosure projected on a vertical plane normal to the assumed wind direction, simultaneously inward on the windward side and outward on the leeward side.

d. Apply vertical pressures upward and downward to the area of the enclosure projected on a horizontal plane.

e. Apply horizontal pressures simultaneously with vertical pressures.

f. Table pressures are MWFRS Loads. The design of solid roof panels and their attachments shall be based on component and cladding loads for enclosed or partially enclosed structures as appropriate.

g. Table pressures apply to 20×20×0.013" mesh screen. For 18 ×14 × 0.013" mesh screen, pressures on screen surfaces may be multiplied by 0.88.For screen densities greater than 20×20×0.013", use pressures for enclosed buildings.

h. Table pressures may be interpolated using ASCE 7 methodology.

i. For allowable stress design (ASD) pressures shall be permitted to be multiplied by 0.6.

Table 2002.4A
Height Adjustment Factors

	B	C	D
0-15	1	0.86	0.89
20	1	0.92	0.93
25	1	0.96	0.97
30	1	1	1
35	1.05	1.03	1.03
40	1.09	1.06	1.05
45	1.12	1.09	1.07
50	1.16	1.11	1.09
55	1.19	1.14	1.11
60	1.22	1.16	1.13

Date Submitted	3/1/2011	**Section**	2107.5	**Proponent**	T Stafford
Chapter	21	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correct scrivner error.

Rationale

The proposed code change corrects a conflict and an error within the updated code. The Florida specific need is established due to the conflict and error within the updated code. The proposed code change will have no impact on small business. The change corrects a scrivner error caused when the mod was uploaded to the BCIS.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

2107.5 TMS 402/ ACI 530/ASCE 5. (no change.

y ~~g~~ = 1.0 for No. 3 (M#10) through No. 5 (M#16) bars;

y ~~g~~ = 1.04 for No. 6 (M#19) through No. 7 (M#22) bars; and

y ~~g~~ = 1.2 for No. 8 (M#25) through No. 11 (M#36) bars

The symbol should be a y. The system changes it to a ?

Date Submitted	3/1/2011	**Section**	2122.8	**Proponent**	T Stafford
Chapter	21	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Grammatical correction.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business. The change corrects grammar making the sentence read correctly.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

2122.8.2 Vertical cells to be grouted shall provided vertical alignment sufficient to maintain clear, unobstructed, continuous, vertical cores measuring not less than 2 ½ inches by 3 inches (51 mm by 76 mm) for fine aggregate grout and 3 inches by 3 inches for coarse aggregate grout as defined by ASTM C 476. The architect or engineer may specify other grout space sizes which shall be permitted provided they comply with TMS 402/ ACI 530/ ASCE 5 Section 1.19 and TMS 602/ ACI 530.1/ ASCE 6 Section 3.5C

Date Submitted	3/2/2011	**Section**	2205.3.1	**Proponent**	T Stafford
Chapter	22	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Deletion of seismic provisions not applicable to Florida.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

2205.3.1 Seismic Design Categories D, E and F. Reserved. ~~Composite structures are permitted in *Seismic Design Categories* D , E and F, subject to the limitations in Section 12.2.1 of ASCE 7, where substantiating evidence is provided to demonstrate that the proposed system will perform as intended by AISC 341, Part II. The substantiating evidence shall be subject to *building official* approval. Where composite elements or connections are required to sustain inelastic deformations, the substantiating evidence shall be based on cyclic testing.~~

Date Submitted	3/2/2011	**Section**	2206.5	**Proponent**	T Stafford
Chapter	22	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Deletion of reference to Chapter 17 provisions that are not applicable in the Florida Building Code, Building. Section 1704 is "Reserved" in the Florida Building Code, Building.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

2206.5 Certification. At completion of manufacture, the steel joist manufacturer shall submit a *certificate of compliance* ~~in accordance with Section 1704.2.2~~ stating that work was performed in accordance with *approved construction documents* and with SJI standard specifications.

Date Submitted	3/2/2011	**Section**	2318.1.3.3	**Proponent**	T Stafford
Chapter	23	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. Section is revised to specify the appropriate design loads when using ASCE 7-10 design wind loads.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

2318.1.3.3 Stud walls framing into base plates of exterior walls and interior bearing walls resting on masonry or concrete shall be anchored past the plate to the masonry or concrete, or shall be anchored to a sill plate which is anchored in accordance with Section 2318.1.4.1 when the net wind uplift is up to 500 ~~300~~ pounds per foot (4378 N/m).

Date Submitted	3/2/2011	**Section**	2404	**Proponent**	T Stafford
Chapter	24	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. Section is revised to specify the appropriate design pressures for testing to ASCE 7-10 design wind loads.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

2404.1 Vertical glass. Glass sloped 15 degrees (0.26 rad) or less from vertical in windows, curtain and window walls, doors and other exterior applications shall be designed to resist the wind loads for components and cladding. The load resistance of glass under uniform load shall be determined in accordance with ASTM E 1300. Design of exterior windows and glass doors in accordance with Section 2404.1 shall utilize the same edition of ASTM E 1300 used for testing in accordance with Section 1715.5 ~~1714.5~~. The design of vertical glazing shall be based on the following equation:

Fgw £ Fga (Equation 24-1)

where:

F_{gw} is the wind load on the glass computed in accordance with Section 1609 multiplied by 0.60 and F_{ga} is the short duration load resistance of the glass as determined in accordance with ASTM E 1300.

2404.2 Sloped glass. (no change)

Wi = Inward wind force, psf (kN/m2) as calculated in Section 1609 multiplied by 0.60.

Wo = Outward wind force, psf (kN/m2) as calculated in Section 1609 multiplied by 0.60.

2404.3.1 Vertical wired glass. (no change)

F_{gw} = Is the wind load on the glass computed per Section 1609 multiplied by 0.60.

2404.3.3 Vertical patterned glass. (no change)

F_{gw} = Is the wind load on the glass computed per Section 1609 multiplied by 0.60.

2404.3.5 Vertical sandblasted glass. (no change)

Date Submitted	3/2/2011	**Section**	2405.5.2	**Proponent**	T Stafford
Chapter	24	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. Section is revised to specify the appropriate design pressures for testing to ASCE 7-10 design wind loads.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

2405.5.2 Unit skylights rated for separate performance grades for positive and negative design pressure. (no change)

Wo = Outward wind force, psf (kN/m2) as calculated in Section 1609 multiplied by 0.60.

(*2 places*)

Date Submitted	3/11/2011	**Section**	2411.3.3.7	**Proponent**	Jaime Gascon
Chapter	24	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Typo; corrects the word "safety".

Rationale

Corrects a typo in the word "safety".

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None.

Impact to building and property owners relative to cost of compliance with code

None.

Impact to industry relative to the cost of compliance with code

None.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

None.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by correcting a typo.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate.

Does not degrade the effectiveness of the code

Does not degrade; corects a typo.

2411.3.3.7 Exterior lite of glass in an insulated glass unit shall be safety glazed.
Exceptions:
1. Large missile impact-resistant glazed assemblies.
2. Non-missile impact units protected with shutters.

Date Submitted	3/2/2011	**Section**	2508.5	**Proponent**	T Stafford
Chapter	25	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. Clarifies that the shear capacities listed are for allowable stress design. This is an important distinction since the new wind provisions in ASCE 7-10 are based on strength design level wind speeds.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

2508.5 Horizontal gypsum board diaphragm ceilings (Allowable stress design). Gypsum board shall be permitted to be used on wood joists to create a horizontal diaphragm ceiling in accordance with Table 2508.5.

TABLE 2508.5

ALLOWABLE SHEAR CAPACITY FOR HORIZONTAL WOOD FRAMED GYPSUM BOARD DIAPHRAGM CEILING ASSEMBLIES

(no change to table values)

Date Submitted	3/2/2011	**Section**	2516.2.4.1	**Proponent**	T Stafford
Chapter	25	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Corrects and error in the specified stucco thickness.

Rationale

The stucco thickness specified in the referenced section is an error. FBCB Table 1405.2 requires 7/8",ASTM C 926 Table 1 requires 7/8”, and FBCR Table R703.13 requires 7/8” when applied on metal lath.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code
No impact.

Impact to building and property owners relative to cost of compliance with code
No impact.

Impact to industry relative to the cost of compliance with code
No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public
Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction
Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities
Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code
Not applicable. Corrects a conflict within the updated code.

2516.2.4.1 Stucco applied on metal lath shall be three-coat work applied to a total thickness of not less than~~1/2~~ 7/8 inch (~~12.7~~ 22.2 mm)thickness except as required to meet fire-resistance requirements.

Date Submitted	3/4/2011	**Section**	2517.2	**Proponent**	William Dumbaugh
Chapter	25	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Replacing an outdated standard with two current standards. Replacing ANSI A97.1 with GA-216-07 and GA-600-06.

Rationale

These are the standards as currently referenced in chapter 35. The HVHZ has not been changed to reflect this change. Update referenced manuals to two that are currently listed in Chapter 35 Florida Building Code, Building. This is specific to the Florida Building Code as written and there is no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None

Impact to building and property owners relative to cost of compliance with code

None

Impact to industry relative to the cost of compliance with code

None

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Updates the HVHZ code to the current standards.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Updates the HVHZ code to the current standards.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Updates the HVHZ code to the current standards.

Does not degrade the effectiveness of the code

Updates the HVHZ code to the current standards.

2517.2 Standards. The following standards are adopted as set forth in Chapter 35.

~~Standard Specification for the Application and Finishing of Gypsum Wallboard, ANSI A97.1.~~

Application and finishing of gypsum wallboard GA-216-07

Fire resistance Design Manual GA-600-06

Date Submitted	2/21/2011	**Section**	3102.7	**Proponent**	Rebecca Quinn
Chapter	31	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Retains flood loads from the base code language.

Rationale

This proposal addresses a conflict within the updated code. The updated code includes flood provisions, so flood loads should be retained in this section, otherwise it would conflict with the rest of the code. It appears that the deletion of "flood loads" was inadvertently carried over from the previous Florida-specific amendments. But now that the Florida Building Code will contain flood provisions, it is appropriate that flood loads be retained here. The proposal shows addition of “flood loads” and clarifies punctuation. This glitch proposal does not have a Florida-specific need; it has no impact on small businesses because buildings in flood hazard areas are already required to be designed to resist flood loads in accordance with Sec. 1612.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None, retains language from base code.

Impact to building and property owners relative to cost of compliance with code

None, retains language from base code.

Impact to industry relative to the cost of compliance with code

None, retains language from base code.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clearer that loads must include all loads, including flood loads if in flood hazard area.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Clearer that loads must include all loads, including flood loads if in flood hazard area.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Clearer that loads must include all loads, including flood loads if in flood hazard area.

Does not degrade the effectiveness of the code

Clearer that loads must include all loads, including flood loads if in flood hazard area.

3102.7 Engineering design. The structure shall be designed and constructed to sustain dead loads; loads due to tension or inflation; and live loads including wind loads and flood in accordance with Chapter 16.

Date Submitted	3/2/2011	**Section**	3105	**Proponent**	T Stafford
Chapter	31	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with Chapter 16 and ASCE 7-10.

Rationale

The revisions are correlations with the new wind speed maps in Chapter 16. Chapter 16 now contains a wind speed map for Risk Category I buildings. The 2007 FBCB contained a single map and used an Importance Factor to reduce the design wind pressures for Risk Category I buildings. Additionally, Chapter 16 now includes Exposure Category D which applies to structures located within 600 feet of water surfaces that extend for a mile or more.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

3105.4.2.1 The wind design loads for any fabric or membrane-covered structure designed with a quick removal or breakaway membrane or fabric at wind velocities of 75 mph, shall be based on the following criteria:

1. Minimum wind speed ~~velocity~~ of ~~3-second wind gust~~ 105 ~~90~~ mph

~~2. Importance factor based on low hazard to human life of 0.77.~~

2 ~~3~~. Exposure Category B, ~~for or~~ C, or D as defined in Chapter 16.

3105.4.2.2 The wind design loads for any fabric or membrane covered structure designed with a permanent or nonremovable fabric or membrane, shall be based on the following criteria:

1. Minimum wind speed velocity as required in Chapter 16 using Figure 1609C..

~~2. Importance factor based on low hazard to human life of 0~~

2. Exposure B, C or D as defined in Chapter 16.

3105.5.1 Loads. Rigid awnings and canopy shutters shall be designed to resist the loads set forth in Chapter 16 of this Code except that structures or parts thereof which are intended to be removed or repositioned during periods of high wind velocity shall be designed in their open or extended position to design pressures based on a basic wind speed of minimum 115 ~~90~~ mph, 3-second wind gust with applicable shape factors and to resist not less than 10 psf (478 Pa) roof live load.

Date Submitted	3/1/2011	**Section**	AAF	**Proponent**	T Stafford
Chapter	35	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Eliminates inappropriate sections showing changes to AAF Guide.

Rationale

The proposed code change corrects a conflict within the updated code by placing inappropriate language in the code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business. The Revisions occur in the adopted reference document, the AAF Guide. Once approval is complete the AAF Guide to Aluminum Construction in High Wind Areas will be changed to reflect the changes. The provisions are inappropriate for inclusion in the Code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Will eliminate confusion regarding the use of products with Product Approval in lieu of items specified in the reference document.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

May reduce costs by providing additional alternates to contractors designing using the reference document.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code and removes inappropriate language.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code and removes inappropriate language.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code and removes inappropriate language.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code and removes inappropriate language.

~~Revisions to the AAF Guide:~~

~~General Notes: Chapter 2~~

~~Allowable Roof Panel Spans (Table 201) are for industry standard generic panel products, alternate roof panel approved equivalent products may be substituted based upon a Florida Product Approval, in accordance with design pressures specified in Table 201.~~

~~General Notes: Chapter 4~~

~~Allowable Roof Panel Spans (Table 401) are for industry standard generic panel products, alternate roof panel approved equivalent products may be substituted based upon a Florida Product Approval, in accordance with design pressures specified in Table 401.~~

~~General Notes: Chapter 5~~

~~Allowable Roof Panel Spans (Table 501) are for industry standard generic panel products, alternate roof panel approved equivalent products may be substituted based upon a Florida Product Approval, in accordance with design pressures specified in Table 501.~~

~~General Notes: Chapter 6~~

~~4) Allowable Roof Panel Spans (Table 601) are for industry standard generic panel products, alternate roof panel approved equivalent products may be substituted based upon a Florida Product Approval, in accordance with design pressures specified in Table 601.~~

~~General Notes: Chapter 8~~

~~Allowable Roof Panel Spans (Table 801) are for industry standard generic panel products, alternate roof panel approved equivalent products may be substituted based upon a Florida Product Approval, in accordance with design pressures specified in Table 801.~~

Date Submitted	3/2/2011	**Section**	ASCE	**Proponent**	T Stafford
Chapter	35	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Editorial proposal to include the published errata to ASCE 7-10 as part of the update to ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

ASCE/SEI

American Society of Civil Engineers

Structural Engineering Institute

1801 Alexander Bell Drive

Reston, VA 20191-4400

7-10 Minimum Design Loads for Buildings and Other Structures (with Errata dated January 11, 2011)

Date Submitted	3/11/2011	**Section**	ASTM	**Proponent**	Michael Goolsby
Chapter	35	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Reference and edition of the ASTMs used for glazing gaskets were not correlated into Chapter 35. Ref. MOD S2128.

Rationale

This glitch resolves a conflict with the updated code by correcting the omission of previously adopted Florida specific amendments updating standards. These were the editions of the standards provided when the modification was originally filed in December 2006. As indicated in the approved MOD S2128, correlation into chapter 35 was to take place in similar fashion to the Residential volume (CH43), but never did. This glitch modification assists small businesses by accurately identifying the previously adopted year of the standards.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Improves health, safety and welfare of the public by providing the correct edition of the ASTM.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Strengthens the code by providing the correct edition of the ASTM.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate.

Does not degrade the effectiveness of the code

Improves effectiveness of the code by providing the correct edition of the ASTM.

Chapter 35

ASTM

ASTM International

100 Barr Harbor Drive

West Conshohocken, PA 19428-2959

Standard reference number	Title	Referenced in code section number
...		
C 509-00	Elastomeric Cellular Preformed Gaskets and Sealing Material	2411.3.4
...		
C 864-05	Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers	2411.3.4
...		
C 1115-00	Dense Elastomeric Silicone Rubber Gaskets and Accessories	2411.3.4
...		
E 2203-02	Dense Thermoplastic Elastomers Used for Compression Seals, Gaskets, Setting Blocks, Spacers and Accessories	2411.3.4

Date Submitted	3/4/2011	**Section**	Chapter 35	**Proponent**	William Dumbaugh
Chapter	35	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

2517.2 changs referenced standards

Summary of Modification

Delete reference to ANSI A97.1 because it is no longer published.

Rationale

ANSI A97.1 is no longer published or available. Update referenced manuals to two that are currently listed in Chapter 35 Florida Building Code, Building. This is specific to the Florida Building Code as written and there is no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None

Impact to building and property owners relative to cost of compliance with code

None

Impact to industry relative to the cost of compliance with code

None

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Delete outdated referenced document

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Delete outdated referenced document

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Delete outdated referenced document

Does not degrade the effectiveness of the code

Delete outdated referenced document

ANSI
American National Standards Institute
25 West 43rd Street, Fourth Floor
New York, NY 10036
~~A 97.1~~
~~Specification for the Application and Finishing of Gypsum Wallboard~~
~~2517.2~~

Sub Code: Existing Building

Date Submitted	3/1/2011	**Section**	202	**Proponent**	T Stafford
Chapter	2	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correct definition of sunroom in FCBEB to agree with definition in FBCB and FBCR as modified. Correct spelling.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business. The proposal modifies Item 2 of sunroom definition to agree with FBCB (Section 1202.1) and FBCR (Section R202), as modified and corrects spelling of sunspaces and enclosures in last paragraph.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No mpact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

SUNROOM

1. A room with roof panels that include sloped glazing that is a one-story structure added to an existing dwelling with an open or glazed area in excess of 40 percent of the gross area of the sunroom structure's exterior walls and roof.

~~2. A one story structure added to a dwelling with structural roof panels without sloped glazing. The sunroom walls may have any configuration, provided the open area of the longer wall and one additional wall is equal to at least 65 percent of the area below 6 foot 8 inches (2032 mm) of each wall, measured from the floor.~~

2. A one-story structure added to a dwelling with solid roof panels without sloped glazing. The sunroom walls may have any configuration, provided the open areas with operable or fixed glass or windows or side hinged or sliding glass doors of the longer wall and one additional wall is equal to at least 65 percent of the area below 6 foot 8 inches of each wall, measured from the floor.

For the purposes of this code the term sunroom as used herein shall include conservatories, ~~supspaces~~ sunspaces, solariums, and porch or patio covers or ~~inclosures~~ enclosures

Date Submitted	3/1/2011	**Section**	Table 611.7.1.2	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code by providing correlation with ASCE 7-2010 as adopted. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

Change table headings as follows:

V_{asd} ~~Wind speed~~ 110 mph or less supplemental fastener spacing shall be no greater than

V_{asd} ~~Wind speed~~ greater than 110 mph supplemental fastener spacing shall be no greater than

Add new Note c to read as follows:

c. V_{asd} shall be determined in accordance with Section 1609.3.1 of the Florida Building Code, Building or Section R301.2.1.3 of the Florida Building Code, Residential.

Sub Code: Residential

Date Submitted	2/21/2011	**Section**	301.1	**Proponent**	Rebecca Quinn
Chapter	3	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Code change proposal S3896, which was Approved as Modified, deleted the word “only” in the exception. The draft supplement inadvertently retained the word. This proposal is to correct the supplement to match the approved code change.

Rationale

This glitch proposal is editorial to correct the supplement that does not match the approved code change proposal S3896 which deleted the word “only” in the exception. The draft supplement inadvertently retained the word. Thre is a Florida-specific need because the high-velocity hurricane zone requirements are specific to Florida and it is important to be consistent that buildings in the HVHZ also meet the other requiements of the code, not just the cited sections. There is no impact on small businesses because buildings in HVHZ already have to be designed according to the code and the requirements for HVHZ.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None, corrects error in supplement to be consistent with approved code change.

Impact to building and property owners relative to cost of compliance with code

None, corrects error in supplement to be consistent with approved code change.

Impact to industry relative to the cost of compliance with code

None, corrects error in supplement to be consistent with approved code change.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Assures that all requirements of the Residential Code are compiled with, not just the provisions of chapter 3.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Assures that all requirements of the Residential Code are compiled with, not just the provisions of chapter 3.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Assures that all requirements of the Residential Code are compiled with, not just the provisions of chapter 3.

Does not degrade the effectiveness of the code

Assures that all requirements of the Residential Code are compiled with, not just the provisions of chapter 3.

R301.1 Application. Buildings and structures, and all parts thereof, shall be constructed to

safely support all loads, including dead loads, live loads, roof loads, flood loads, and

wind loads as prescribed by this code. The construction of buildings and structures in accordance with the provisions of this code shall result in a system that provides a complete load path that meets all requirements for the transfer of all loads from their point of origin through the load-resisting elements to the foundation. Buildings and structures constructed as prescribed by this code are deemed to comply with the requirements of this section.

EXCEPTION: Buildings and structures located within the High Velocity Hurricane Zone shall comply ~~only~~ with Sections R302 to R326, inclusive and the provisions of Chapter R44 and section R406. In addition, buildings and structures located in flood hazard areas established in Table R301.2(1) shall comply with Sections R301.2.4 and R322.

Date Submitted	3/2/2011	**Section**	301.2(4)	**Proponent**	Joe Bigelow
Chapter	3	**Affects HVHZ**	Yes	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

4741, S4214

Summary of Modification

Editorial change to provide better clarity to the wind maps and provide higher resolution

Rationale

Editorial Change- Provides a magnified view of maps to provide greater clarity and resolution for enforcement. No impact to small businesses.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact

Impact to building and property owners relative to cost of compliance with code

No impact

Impact to industry relative to the cost of compliance with code

No impact

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Strengthens the code, does not degrade

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code

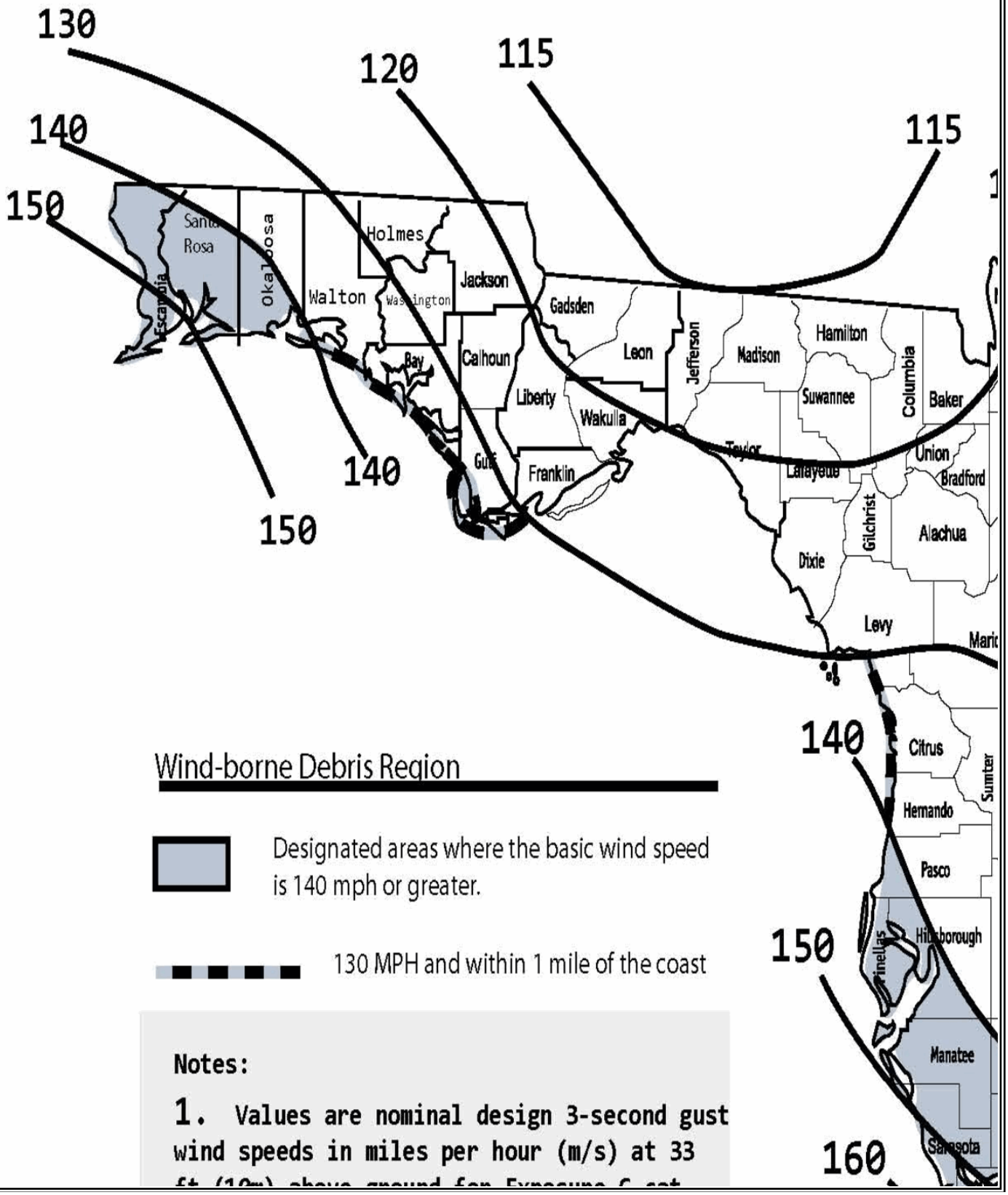
Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate

Does not degrade the effectiveness of the code

Does not degrade the effectiveness

See Attached Figure R301.2(4)



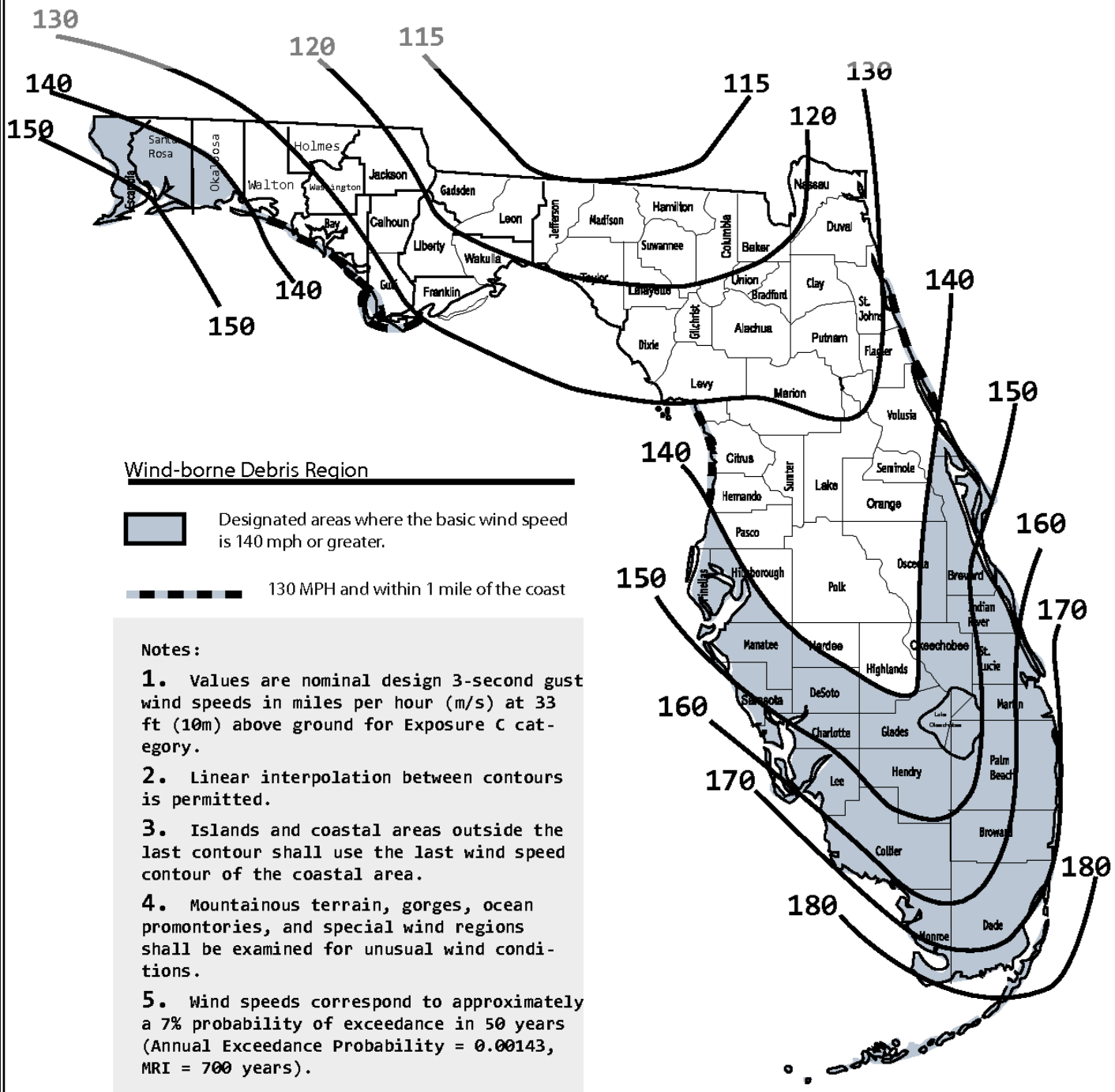


Figure R301.2(4) Ultimate Design Wind Speeds, V_{ult}

Date Submitted	2/25/2011	**Section**	R301.2.1.1	**Proponent**	T Stafford
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10 and new wind speed maps in the code.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. the proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict in the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict in the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict in the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict in the updated code.

R301.2.1.1 Design criteria. (no change)

1-5 (no change)

6. The MAF Guide to Concrete Masonry Residential Construction in High Wind Areas shall be permitted for applicable concrete masonry buildings where V_{asd}, determined in accordance with Section R301.2.1.3 does not exceed ~~for a basic wind speed of~~ 130 mph (58 m/s) ~~or less~~ in Exposure B and 110 mph (49 m/s) ~~or less~~ in Exposure C in accordance with Figure R301.2(4)

7. The applicable AF&PA *WFCM Guide to Wood Construction in High Wind Areas* shall be permitted for applicable wood-frame buildings in regions where V_{asd}, determined in accordance with Section R301.2.1.3 does not exceed ~~with a basic wind speed (V_{asd}) of~~ 130 mph (58 m/s) ~~or less~~ in Exposure B ~~in accordance with Figure R301.2(4);~~

-

The wind speeds in Figure R301.2(4) shall be converted to nominal wind speeds, V_{asd}, in accordance with Section R301.2.1.3 when the provisions of the standards referenced in Exceptions 1 through 8 are used unless the wind provisions in the standards are based on Ultimate Wind Speeds as specified in Figure R301.2(4) or Chapter 26 of ASCE 7.

Date Submitted	2/25/2011	**Section**	R301.2.1.1	**Proponent**	T Stafford
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. Cyclic loading test in ASTM E 1996 is revised for consistency with ASCE 7-10

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. the proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict in the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict in the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict in the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict in the updated code.

R301.2.1.2.1 Modifications to ASTM E 1996. (no change)

Table 1 of ASTM E 1996 shall be modified to read as follows

Air Pressure Cycles

0.12 to 0.3 P_{pos}

0.0 to 0.36 P_{pos}

0.30 to 0.48 P_{pos}

0.18 to 0.6 P_{pos}

0.18 to 0.6 P_{neg}

0.3 to 0.48 P_{neg}

0.0 to 0.36 P_{neg}

0.12 to 0.3 P_{neg}

Date Submitted	2/25/2011	**Section**	Table R301.2(2)	**Proponent**	T Stafford
Chapter	3	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10. The existing table is replaced by a new table with design pressures consistent with ASCE 7-10

Rationale

The proposed code change corrects a format conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

No applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

No applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

No applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

No applicable. Corrects a conflict within the updated code.

TABLE R301.2(2)

COMPONENT AND CLADDING LOADS FOR A BUILDING WITH A MEAN ROOF HEIGHT OF 30 FEET LOCATED IN EXPOSURE B (psf)

	Zone	Effective wind area (sf)	110		115		120		
Roof 0 to 7 degrees	1	10	8.9	-21.8	9.7	-23.8	10.5	-25.9	12.
	1	20	8.3	-21.2	9.1	-23.2	9.9	-25.2	11.
	1	50	7.6	-20.5	8.3	-22.4	9.0	-24.4	10.
	1	100	7.0	-19.9	7.7	-21.8	8.3	-23.7	9.
	2	10	8.9	-36.5	9.7	-39.9	10.5	-43.5	12.
	2	20	8.3	-32.6	9.1	-35.7	9.9	-38.8	11.
	2	50	7.6	-27.5	8.3	-30.1	9.0	-32.7	10.
	2	100	7.0	-23.6	7.7	-25.8	8.3	-28.1	9.
	3	10	8.9	-55.0	9.7	-60.1	10.5	-65.4	12.
	3	20	8.3	-45.5	9.1	-49.8	9.9	-54.2	11.
	3	50	7.6	-33.1	8.3	-36.1	9.0	-39.3	10.
	3	100	7.0	-23.6	7.7	-25.8	8.3	-28.1	9.
	1	10	12.5	-19.9	13.7	-21.8	14.9	-23.7	17.

Ultimate Design V_{ULT}

	Zone	Effective wind area (sf)	Basic Wind Speed V (mph)																	
			110		115		120		130		140		150		160		180		200	
Roof 0 to 7 degrees	1	10	8.9	-21.8	9.7	-23.8	10.5	-25.9	12.4	-30.4	14.3	-35.3	16.5	-40.5	18.7	-46.1	23.7	-58.3	29.3	-72.0
	1	20	8.3	-21.2	9.1	-23.2	9.9	-25.2	11.6	-29.6	13.4	-34.4	15.4	-39.4	17.6	-44.9	22.2	-56.8	27.4	-70.1
	1	50	7.6	-20.5	8.3	-22.4	9.0	-24.4	10.6	-28.6	12.3	-33.2	14.1	-38.1	16.0	-43.3	20.3	-54.8	25.0	-67.7
	1	100	7.0	-19.9	7.7	-21.8	8.3	-23.7	9.8	-27.8	11.4	-32.3	13.0	-37.0	14.8	-42.1	18.8	-53.3	23.2	-65.9
	2	10	8.9	-36.5	9.7	-39.9	10.5	-43.5	12.4	-51.0	14.3	-59.2	16.5	-67.9	18.7	-77.3	23.7	-97.8	29.3	-120.7
	2	20	8.3	-32.6	9.1	-35.7	9.9	-38.8	11.6	-45.6	13.4	-52.9	15.4	-60.7	17.6	-69.0	22.2	-87.4	27.4	-107.9
	2	50	7.6	-27.5	8.3	-30.1	9.0	-32.7	10.6	-38.4	12.3	-44.5	14.1	-51.1	16.0	-58.2	20.3	-73.6	25.0	-90.9
	2	100	7.0	-23.6	7.7	-25.8	8.3	-28.1	9.8	-33.0	11.4	-38.2	13.0	-43.9	14.8	-50.0	18.8	-63.2	23.2	-78.1
	3	10	8.9	-55.0	9.7	-60.1	10.5	-65.4	12.4	-76.8	14.3	-89.0	16.5	-102.2	18.7	-116.3	23.7	-147.2	29.3	-181.7
	3	20	8.3	-45.5	9.1	-49.8	9.9	-54.2	11.6	-63.6	13.4	-73.8	15.4	-84.7	17.6	-96.3	22.2	-121.9	27.4	-150.5
	3	50	7.6	-33.1	8.3	-36.1	9.0	-39.3	10.6	-46.2	12.3	-53.5	14.1	-61.5	16.0	-69.9	20.3	-88.5	25.0	-109.3
	3	100	7.0	-23.6	7.7	-25.8	8.3	-28.1	9.8	-33.0	11.4	-38.2	13.0	-43.9	14.8	-50.0	18.8	-63.2	23.2	-78.1
Roof > 7 to 27 degrees	1	10	12.5	-19.9	13.7	-21.8	14.9	-23.7	17.5	-27.8	20.3	-32.3	23.3	-37.0	26.5	-42.1	33.6	-53.3	41.5	-65.9
	1	20	11.4	-19.4	12.5	-21.2	13.6	-23.0	16.0	-27.0	18.5	-31.4	21.3	-36.0	24.2	-41.0	30.6	-51.9	37.8	-64.0
	1	50	10.0	-18.6	10.9	-20.4	11.9	-22.2	13.9	-26.0	16.1	-30.2	18.5	-34.6	21.1	-39.4	26.7	-49.9	32.9	-61.6
	1	100	8.9	-18.1	9.7	-19.8	10.5	-21.5	12.4	-25.2	14.3	-29.3	16.5	-33.6	18.7	-38.2	23.7	-48.4	29.3	-59.8
	2	10	12.5	-34.7	13.7	-37.9	14.9	-41.3	17.5	-48.4	20.3	-56.2	23.3	-64.5	26.5	-73.4	33.6	-92.9	41.5	-114.6
	2	20	11.4	-31.9	12.5	-34.9	13.6	-38.0	16.0	-44.6	18.5	-51.7	21.3	-59.3	24.2	-67.5	30.6	-85.4	37.8	-105.5
	2	50	10.0	-28.2	10.9	-30.9	11.9	-33.6	13.9	-39.4	16.1	-45.7	18.5	-52.5	21.1	-59.7	26.7	-75.6	32.9	-93.3
	2	100	8.9	-25.5	9.7	-27.8	10.5	-30.3	12.4	-35.6	14.3	-41.2	16.5	-47.3	18.7	-53.9	23.7	-68.2	29.3	-84.2
	3	10	12.5	-51.3	13.7	-56.0	14.9	-61.0	17.5	-71.6	20.3	-83.1	23.3	-95.4	26.5	-108.5	33.6	-137.3	41.5	-169.5
	3	20	11.4	-47.9	12.5	-52.4	13.6	-57.1	16.0	-67.0	18.5	-77.7	21.3	-89.2	24.2	-101.4	30.6	-128.4	37.8	-158.5
	3	50	10.0	-43.5	10.9	-47.6	11.9	-51.8	13.9	-60.8	16.1	-70.5	18.5	-81.0	21.1	-92.1	26.7	-116.6	32.9	-143.9
	3	100	8.9	-40.2	9.7	-44.0	10.5	-47.9	12.4	-56.2	14.3	-65.1	16.5	-74.8	18.7	-85.1	23.7	-107.7	29.3	-132.9
Roof > 27 to 45 degrees	1	10	19.9	-21.8	21.8	-23.8	23.7	-25.9	27.8	-30.4	32.3	-35.3	37.0	-40.5	42.1	-46.1	53.3	-58.3	65.9	-72.0
	1	20	19.4	-20.7	21.2	-22.6	23.0	-24.6	27.0	-28.9	31.4	-33.5	36.0	-38.4	41.0	-43.7	51.9	-55.3	64.0	-68.3
	1	50	18.6	-19.2	20.4	-21.0	22.2	-22.8	26.0	-26.8	30.2	-31.1	34.6	-35.7	39.4	-40.6	49.9	-51.4	61.6	-63.4
	1	100	18.1	-18.1	19.8	-19.8	21.5	-21.5	25.2	-25.2	29.3	-29.3	33.6	-33.6	38.2	-38.2	48.4	-48.4	59.8	-59.8
	2	10	19.9	-25.5	21.8	-27.8	23.7	-30.3	27.8	-35.6	32.3	-41.2	37.0	-47.3	42.1	-53.9	53.3	-68.2	65.9	-84.2
	2	20	19.4	-24.3	21.2	-26.6	23.0	-29.0	27.0	-34.0	31.4	-39.4	36.0	-45.3	41.0	-51.5	51.9	-65.2	64.0	-80.5
	2	50	18.6	-22.9	20.4	-25.0	22.2	-27.2	26.0	-32.0	30.2	-37.1	34.6	-42.5	39.4	-48.4	49.9	-61.3	61.6	-75.6
	2	100	18.1	-21.8	19.8	-23.8	21.5	-25.9	25.2	-30.4	29.3	-35.3	33.6	-40.5	38.2	-46.1	48.4	-58.3	59.8	-72.0
	3	10	19.9	-25.5	21.8	-27.8	23.7	-30.3	27.8	-35.6	32.3	-41.2	37.0	-47.3	42.1	-53.9	53.3	-68.2	65.9	-84.2
	3	20	19.4	-24.3	21.2	-26.6	23.0	-29.0	27.0	-34.0	31.4	-39.4	36.0	-45.3	41.0	-51.5	51.9	-65.2	64.0	-80.5
	3	50	18.6	-22.9	20.4	-25.0	22.2	-27.2	26.0	-32.0	30.2	-37.1	34.6	-42.5	39.4	-48.4	49.9	-61.3	61.6	-75.6
	3	100	18.1	-21.8	19.8	-23.8	21.5	-25.9	25.2	-30.4	29.3	-35.3	33.6	-40.5	38.2	-46.1	48.4	-58.3	59.8	-72.0
Wall	4	10	21.8	-23.6	23.8	-25.8	25.9	-28.1	30.4	-33.0	35.3	-38.2	40.5	-43.9	46.1	-50.0	58.3	-63.2	72.0	-78.1
	4	20	20.8	-22.6	22.7	-24.7	24.7	-26.9	29.0	-31.6	33.7	-36.7	38.7	-42.1	44.0	-47.9	55.7	-60.6	68.7	-74.8
	4	50	19.5	-21.3	21.3	-23.3	23.2	-25.4	27.2	-29.8	31.6	-34.6	36.2	-39.7	41.2	-45.1	52.2	-57.1	64.4	-70.5
	4	100	18.5	-20.4	20.2	-22.2	22.0	-24.2	25.9	-28.4	30.0	-33.0	34.4	-37.8	39.2	-43.1	49.6	-54.5	61.2	-67.3
	4	500	16.2	-18.1	17.7	-19.8	19.3	-21.5	22.7	-25.2	26.3	-29.3	30.2	-33.6	34.3	-38.2	43.5	-48.4	53.7	-59.8
	5	10	21.8	-29.1	23.8	-31.9	25.9	-34.7	30.4	-40.7	35.3	-47.2	40.5	-54.2	46.1	-61.7	58.3	-78.0	72.0	-96.3
	5	20	20.8	-27.2	22.7	-29.7	24.7	-32.4	29.0	-38.0	33.7	-44.0	38.7	-50.5	44.0	-57.5	55.7	-72.8	68.7	-89.9
	5	50	19.5	-24.6	21.3	-26.9	23.2	-29.3	27.2	-34.3	31.6	-39.8	36.2	-45.7	41.2	-52.0	52.2	-65.8	64.4	-81.3
	5	100	18.5	-22.6	20.2	-24.7	22.0	-26.9	25.9	-31.6	30.0	-36.7	34.4	-42.1	39.2	-47.9	49.6	-60.6	61.2	-74.8
	5	500	16.2	-18.1	17.7	-19.8	19.3	-21.5	22.7	-25.2	26.3	-29.3	30.2	-33.6	34.3	-38.2	43.5	-48.4	53.7	-59.8

Date Submitted	2/28/2011	**Section**	Table R301.2(2)	**Proponent**	T Stafford
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation of minimum design wind pressures with ASCE 7-10. This modification was intended to be part of Modification #4533 but was inadvertently omitted.

Rationale

This proposed code change revises the minimum design wind pressures for component and cladding loads to be consistent with ASCE 7-10.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

TABLE R301.2(2)

COMPONENT AND CLADDING LOADS FOR A BUILDING WITH A MEAN

ROOF HEIGHT OF 30 FEET LOCATED IN EXPOSURE B (psf)a,b,c,d,e

(No change to table values)

NOTES:

a. The effective wind area shall be equal to the span length multiplied by an effective width. This width shall be permitted to be not be less than one-third the span length. For cladding fasteners, the effective wind area shall not be greater than the area that is tributary to an individual fastener.

b. For effective areas between those given above, the load may be interpolated; otherwise, use the load associated with the lower effective area.

c. Table values shall be adjusted for height and exposure by multiplying by the adjustment coefficient in Table R301.2(3).

d. See Figure R301.2(7) for location of zones.

e. Plus and minus signs signify pressures acting toward and away from the building surfaces.

f. Positive design wind pressures shall not be less than +16 ~~10~~ psf and negative design wind pressures shall not be less than -16 ~~10~~ psf.

Date Submitted	2/25/2011	**Section**	R402.1.1.1	**Proponent**	T Stafford
Chapter	4	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10 and new wind speed map in the code. Grammatical error is corrected.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. the proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict in the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict in the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict in the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict in the updated code.

R404.1.1.1 Masonry foundation walls. Concrete masonry and clay masonry foundation walls shall be constructed as set forth in Table R404.1.1(1), R404.1.1(2), R404.1.1(3) or R404.1.1(4) and shall also comply with applicable provisions of Sections R606, R607 and R608. The use of rubble stone masonry foundation walls and plain masonry shall be limited to regions where the ultimate design ~~basic~~ wind speed, V_{ult}, is 115 ~~100~~ mph or less unless an engineered design is provided.

Date Submitted	2/25/2011	**Section**	R403.4.1	**Proponent**	T Stafford
Chapter	4	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

The modification deletes a seismic reference.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. the proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict in the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict in the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict in the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict in the updated code.

R403.4.1 Crushed stone footings. Clean crushed stone

shall be free from organic, clayey or silty soils. Crushed

stone shall be angular in nature and meet ASTM C 33, with the maximum size stone not to exceed 1/2 inch (12.7 mm) and the minimum stone size not to be smaller than 1/16-inch (1.6 mm). Crushed stone footings for precast foundations shall be installed in accordance with Figure R403.4(1) and Table R403.4. ~~Crushed stone footings shall be consolidated using a vibratory plate in a maximum of 8-inch lifts. Crushed stone footings shall be limited to Seismic Design Categories A, B and C.~~

Date Submitted	2/25/2011	**Section**	R404.1.2.3.1	**Proponent**	T Stafford
Chapter	4	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Reinstates and appropriate requirement inadvertently deleted and clarifies the applicability to seismic provisions.

Rationale

While some of the language that was taken out in the Supplement was specific to seismic loads, for the purposes of the base code (IRC) all buildings are assumed to be in one of the applicable SDC. Therefore, where there is a reference to SDC A, it means all buildings not in the other SDC. Therefore, the language specific to the compressive strength of concrete should be partially retained.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. the proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict in the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict in the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict in the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict in the updated code.

R404.1.2.3.1 Compressive strength. ~~Reserved.~~ The minimum specified compressive strength of concrete, f'_c, shall comply with Section R402.2 and shall be not less than 2,500 psi (17.2 MPa) at 28 days.

Date Submitted	2/25/2011	**Section**	R404.1.4	**Proponent**	T Stafford
Chapter	4	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Deletes a seismic provision not applicable to Florida

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. the proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict in the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict in the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict in the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict in the updated code.

R404.1.4 Seismic Design Categories D0, D1 and D2. Reserved. (Delete all text in Section R404.1.4 including subsections)

Date Submitted	2/25/2011	**Section**	R404.5.2	**Proponent**	T Stafford
Chapter	4	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10 and new wind speed map in the code.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. the proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict in the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict in the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict in the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict in the updated code.

R404.5.2 Precast concrete foundation design drawings. (no change)

1-5 (no change)

6. ~~Basic~~ Ultimate design wind speed, V_{ult} from Figure R301.2(4).

Date Submitted	3/10/2011	**Section**	Table R403.1.2	**Proponent**	Paul Coats
Chapter	4	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

corrects an apparent typo in one table value for uplift resistance

Rationale

This is editorial only to correct an apparent typo. The value should be the same as in row 7 (Footing D, Mono, 20, 16, 6, 585).

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

editorial

Impact to building and property owners relative to cost of compliance with code

none

Impact to industry relative to the cost of compliance with code

none

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

editorial only

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

editorial only

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

editorial only

Does not degrade the effectiveness of the code

editorial, improves it

In Table R403.1.2, second row of values (Footing A, Mono, 20, 16, 6, 285, 3) the value under the column for resistance should be 585, not 285, as follows:

Table R403.1.2, second row of values, sixth column: ~~285~~ 585

Date Submitted	2/28/2011	**Section**	Table R404.1(1)	**Proponent**	T Stafford
Chapter	4	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

This table is proposed to be deleted because it no longer exists in the base code.

Rationale

The proposed code change corrects a format conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

No applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

No applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

No applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

No applicable. Corrects a conflict within the updated code.

TABLE R404.1(1)

TOP REACTIONS AND PRESCRIPTIVE SUPPORT FOR FOUNDATION WALLSa

(delete all text and notes)

Date Submitted	3/10/2011	**Section**	Tables R502.2.3(1) and R502.2.3(2)	**Proponent**	Paul Coats
Chapter	5	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

editorial

Rationale

Line and column formatting of tables should be corrected, it appears that there have been software translation problems in the tables, making them unreadable.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

editorial only

Impact to building and property owners relative to cost of compliance with code

editorial only

Impact to industry relative to the cost of compliance with code

editorial only

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

editorial only

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

editorial only

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

editorial only

Does not degrade the effectiveness of the code

editorial only

Line and column formatting of tables should be corrected, it appears that there have been software translation problems in the tables, making them unreadable.

Date Submitted	2/25/2011	**Section**	R602.2	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

In the supplement, the text of R602.2 is shown in location and "reserved" in another. A previously approved modification deleted all of Section R602.2 as the provisions are not applicable to Florida. All of Section R602.2 is "Reserved."

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. the proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict in the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict in the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict in the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict in the updated code.

R602.2 Design and construction where wind speed is less than 100 miles per hour (45 m/s). Reserved.

Date Submitted	2/25/2011	**Section**	R610.4.1	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. the proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict in the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict in the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict in the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict in the updated code.

R610.4.1 Exterior standard-unit panels. The maximum

area of each individual standard-unit panel shall be 144 square feet (13.4 m2) when the design wind pressure is 20 psf (958 Pa). The maximum area of such panels subjected to design wind pressures other than 20 psf (958 Pa) shall be in accordance with Figure R610.4.1. The maximum panel dimension between structural supports shall be 25 feet (7620 mm) in width or 20 feet (6096 mm) in height. Design wind pressures calculated according to ASCE 7 or obtained from Table R301.2(2) are permitted to multiplied by 0.6.

Date Submitted	2/25/2011	**Section**	R610.4.2	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. the proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict in the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict in the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict in the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict in the updated code.

R610.4.2 Exterior thin-unit panels. The maximum area of each individual thin-unit panel shall be 85 square feet (7.9 m2). The maximum dimension between structural supports shall be 15 feet (4572 mm) in width or 10 feet (3048 mm) in height. Thin units shall not be used in applications where the design wind pressure as stated in Table R301.2(1) exceeds 20 psf (958 Pa). Design wind pressures calculated according to ASCE 7 or obtained from Table R301.2(2) are permitted to multiplied by 0.6.

Date Submitted	2/28/2011	**Section**	R611.2	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation of wind speeds in the code with new wind speed maps and ASCE 7-10.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R611.2 Applicability limits. The provisions of this section shall apply to the construction of exterior concrete walls for buildings not greater than 60 feet (18 288 mm) in plan dimensions, floors with clear spans not greater than 32 feet (9754 mm) and roofs with clear spans not greater than 40 feet (12 192 mm). Buildings shall not exceed 35 feet (10 668 mm) in mean roof height or two stories in height above-grade. Floor/ceiling dead loads shall not exceed 10 pounds per square foot (479 Pa), roof/ceiling dead loads shall not exceed 15 pounds per square foot (718 Pa) and *attic* live loads shall not exceed 20 pounds per square foot (958 Pa). Roof overhangs shall not exceed 2 feet (610 mm) of horizontal projection beyond the exterior wall and the dead load of the overhangs shall not exceed 8 pounds per square foot (383 Pa).

Walls constructed in accordance with the provisions of this section shall be limited to buildings subjected to a maximum V_{asd}, determined in accordance with Section R301.2.1.3, ~~design wind speed~~ of 130 miles per hour (58 m/s) Exposure B, 110 miles per hour (49 m/s) Exposure C and 100 miles per hour (45 m/s) Exposure D. Walls constructed in accordance with the provisions of this section shall be limited to detached one- and two-family *dwellings* and townhouses.

Buildings that are not within the scope of this section shall be designed in accordance with PCA 100 or ACI 318.

Date Submitted	2/28/2011	**Section**	R611.8.3	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

This section is proposed to be deleted because it no longer exists in the base code.

Rationale

The proposed code change corrects a format conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

No applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

No applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

No applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

No applicable. Corrects a conflict within the updated code.

~~**R611.8.3 Floor and roof diaphragm construction.** Floor and roof diaphragms shall be constructed of wood structural panel sheathing, attached to wood framing in accordance with Section R803 or to cold- formed steel floor framing or to cold-formed steel roof framing in accordance with AISI 230.~~

Date Submitted	2/28/2011	**Section**	R611.9	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correction in the supplement that limits specific requirements for ICF construction to wind speeds less than 100 mph. The wind speed thresholds for ICF construction are established in Section R611.2 and there is no basis for these limitations.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R611.9 Requirements for connections ~~where wind speed is less than 100 mph~~ ~~–~~general . Concrete walls shall be connected to footings, floors, ceilings and roofs in accordance with this section.

~~**Revise Tables** R611.9(1), R611.9(2), R611.9(3), R611.9(4), R611.9(5), R611.9(6), R611.9(7), R611.9(8), R611.9(9), R611.9(10), R611.9(11), and R611.9(12) to add the following note:~~

~~(Note: Table is limited to areas where wind speed (mph) is less than 100)~~

Date Submitted	2/28/2011	**Section**	R612.5	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Clarification of the appropriate design pressures for testing windows and doors to the wind loading requirements in ASCE 7-10.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R612.5 Performance. Exterior windows and doors shall be designed to resist the design wind loads specified in Table R301.2(2) adjusted for height and exposure per Table R301.2(3). For testing required in Sections R612.6, R612.7, and R612.8, design pressures determined from Table R301.2(2) or ASCE 7 are permitted to be multiplied by 0.6.

Date Submitted	2/28/2011	**Section**	R613	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation of code wind speeds with new wind speed maps and ASCE 7-10. Non-applicable snow loading requirements are deleted from the text and tables. Non-applicable seismic loading requirements are deleted from the text. Section references are corrected.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R613.2 Applicability limits. The provisions of this section shall control the construction of exterior structural insulated panel walls and interior load-bearing structural insulated panel walls for buildings not greater than 60 feet (18 288 mm) in length perpendicular to the joist or truss span, not greater than 40 feet (12 192 mm) in width parallel to the joist or truss span and not greater than two stories in height with each wall not greater than 10 feet (3048 mm) high. All exterior walls installed in accordance with the provisions of this section shall be considered as load-bearing walls. Structural insulated panel walls constructed in accordance with the provisions of this section shall be limited to sites subjected to a maximum V_{asd}, determined in accordance with Section R301.2.1.3, ~~design wind speed~~ of 130 miles per hour (58 m/s), and Exposure A, B or C~~, and a maximum ground snow load of 70 pounds per foot (3.35 kPa), and Seismic Design Categories A, B, and C.~~

R613.5.3 Wall bracing. SIP walls used for wall bracing shall be designed for wind loads in accordance with Section R301.1 or Section R602.~~SIP walls shall be braced in accordance with Section R602.10.~~ SIP walls shall be considered continuous wood structural panel sheathing for purposes of computing required bracing. SIP ~~walls shall meet the requirements of Section R602.10.4 except that SIPs~~ corners shall be fabricated as shown in Figure R613.9. When SIP walls are used for wall bracing, the SIP bottom plate shall be attached to wood framing below in accordance with Section R602.3 ~~Table R602.3(1)~~.

R613.10.1 Wood structural panel box headers. Wood structural panel box headers shall be allowed where SIP headers are not applicable. Wood structural panel box headers shall be constructed in accordance with Section R602 Figure ~~R602.7.2 and Table R602.7.2~~.

TABLE R613.5(1)

MINIMUM THICKNESS FOR SIP WALL SUPPORTING SIP LIGHT-FRAM

Maximum Vasd determined in accordance with Section R301.2.3

BUILDING WIDTH (feet)

WIND SPEED (3-second gust)			24			28			32	
Exp. A/B	Exp. C	SNOW LOAD (psf)	Wall Height (ft)			Wall Height (ft)			Wall Height (	
			8	9	10	8	9	10	8	9
85	—	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		70	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
100	85	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		70	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
110	100	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		70	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
120	110	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		70	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
130	120	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		70	4.5	4.5	4.5	4.5	4.5	6.5	4.5	4.5
		20	4.5	4.5	6.5	4.5	4.5	N/A	4.5	4.5

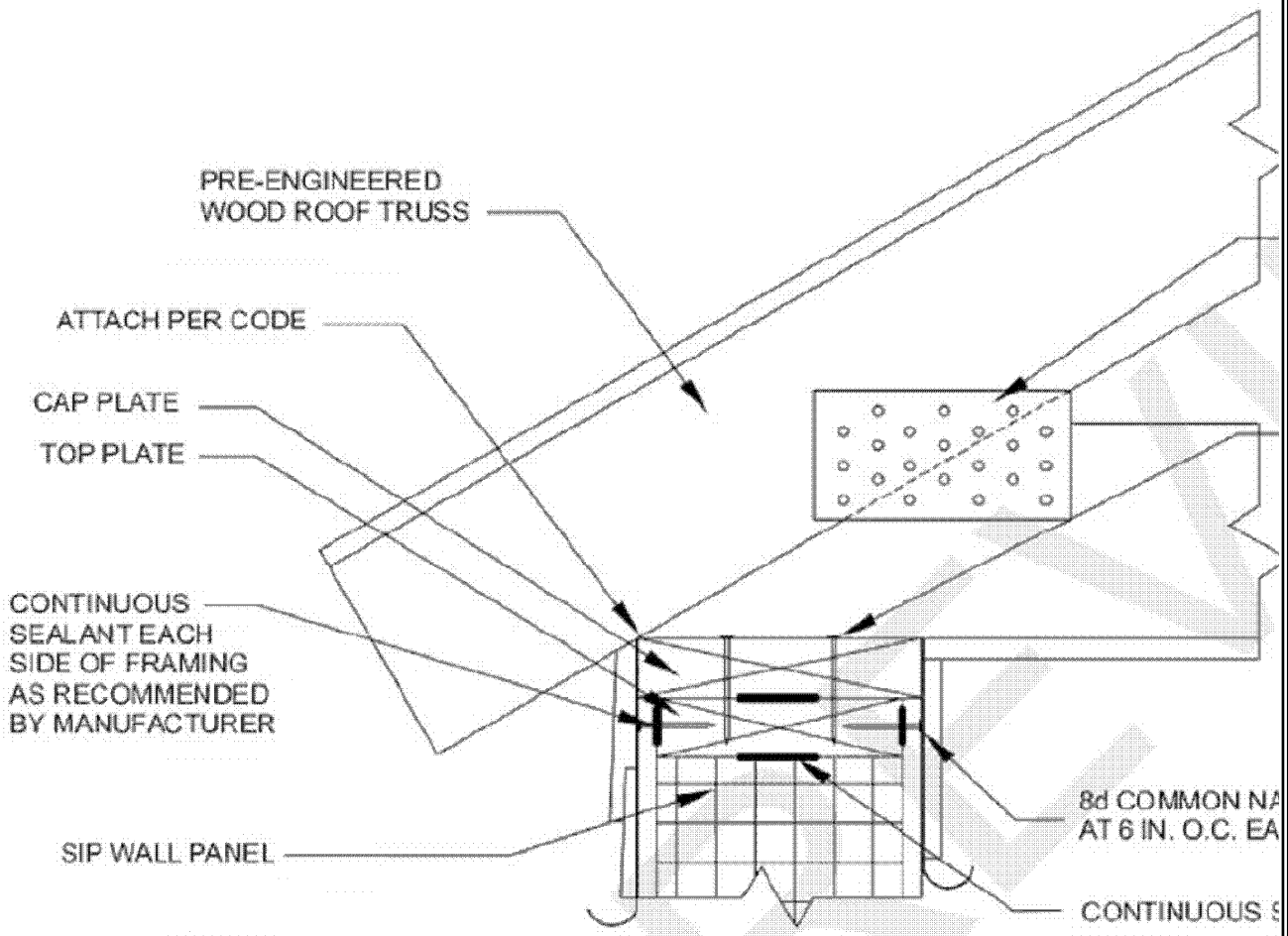
TABLE R613.5(2)

MINIMUM THICKNESS FOR SIP WALLS SUPPORTING SIP OR LIGHT-FRAME

Maximum Vasd determined in accordance with Section R301.2.3

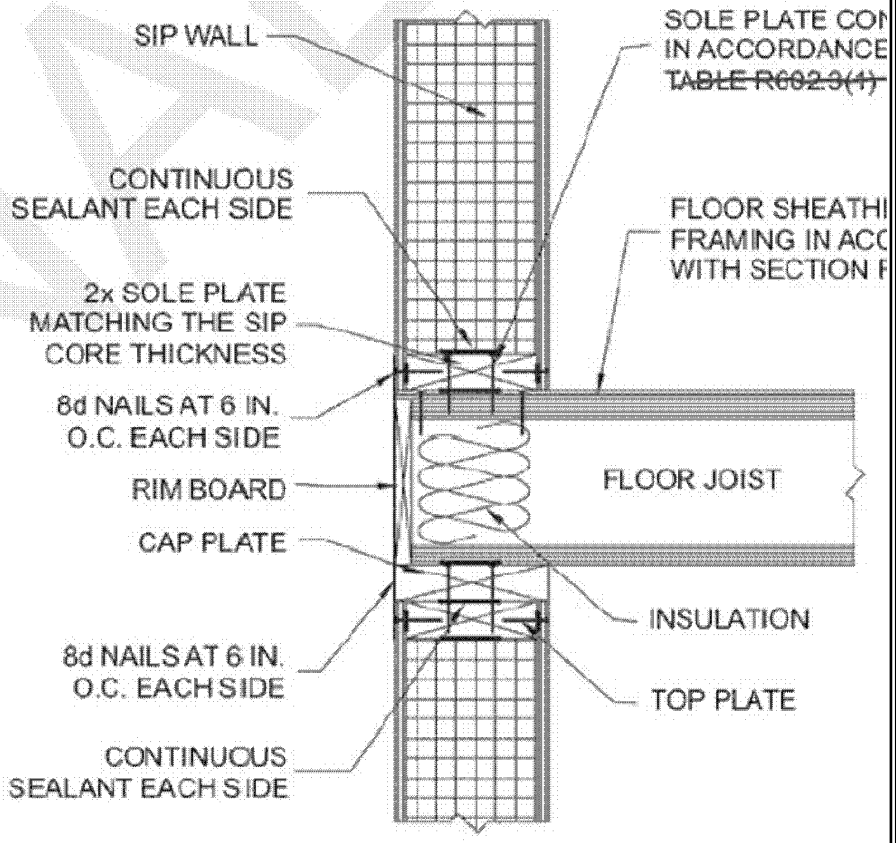
BUILDING WIDTH (feet)

~~WIND SPEED (3-second gust)~~			24			28			32		
			Wall Height (feet)			Wall Height (feet)			Wall Height (fe		
Exp. A/B	Exp. C	SNOW LOAD (psf)	8	9	10	8	9	10	8	9	
85	—	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
		70	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
100	85	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
		70	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
110	100	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
		70	4.5	4.5	4.5	4.5	4.5	6.5	6.5	6.5	
120	110	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
		30	4.5	4.5	4.5	4.5	4.5	6.5	4.5	4.5	
		50	4.5	4.5	6.5	4.5	4.5	6.5	4.5	6.5	
		70	4.5	4.5	6.5	4.5	6.5	N/A	6.5	N/A	
130	120	20	4.5	4.5	6.5	4.5	4.5	6.5	4.5	6.5	
		30	4.5	4.5	6.5	4.5	4.5	N/A	4.5	6.5	
		50	4.5	6.5	N/A	4.5	6.5	N/A	6.5	N/A	



= 25.4 mm.

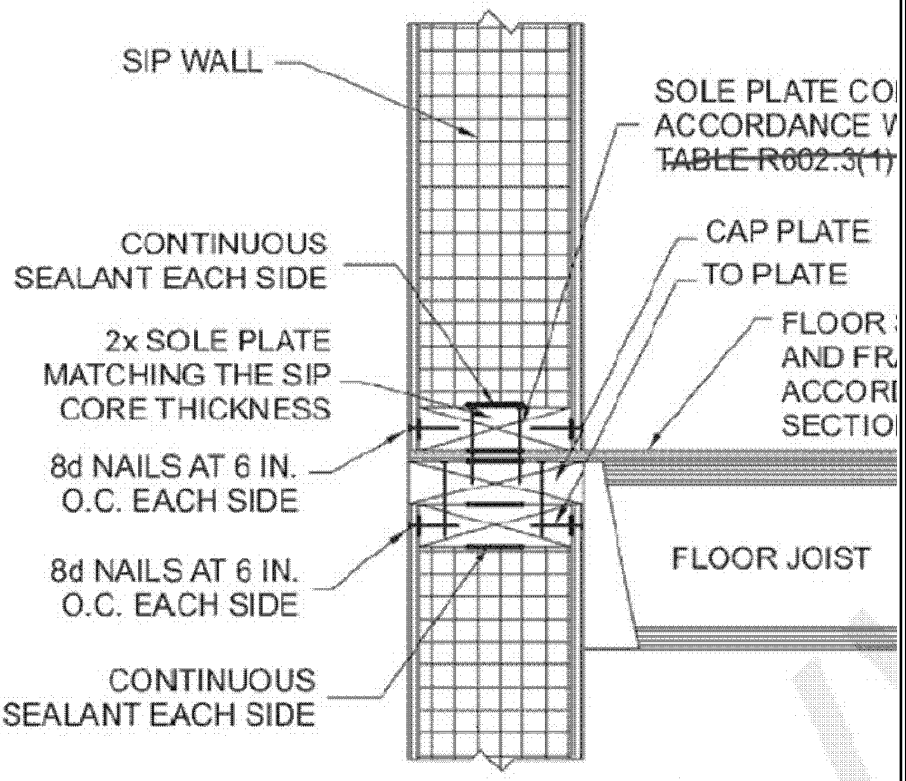
FIGURE R613.5(3)
TRUSSED ROOF TO TOP PLATE CONNECTION



For SI: 1 inch = 25.4 mm.

Note: Figures illustrate SIP-specific attachment requirements. Other connections shall be made in accordance

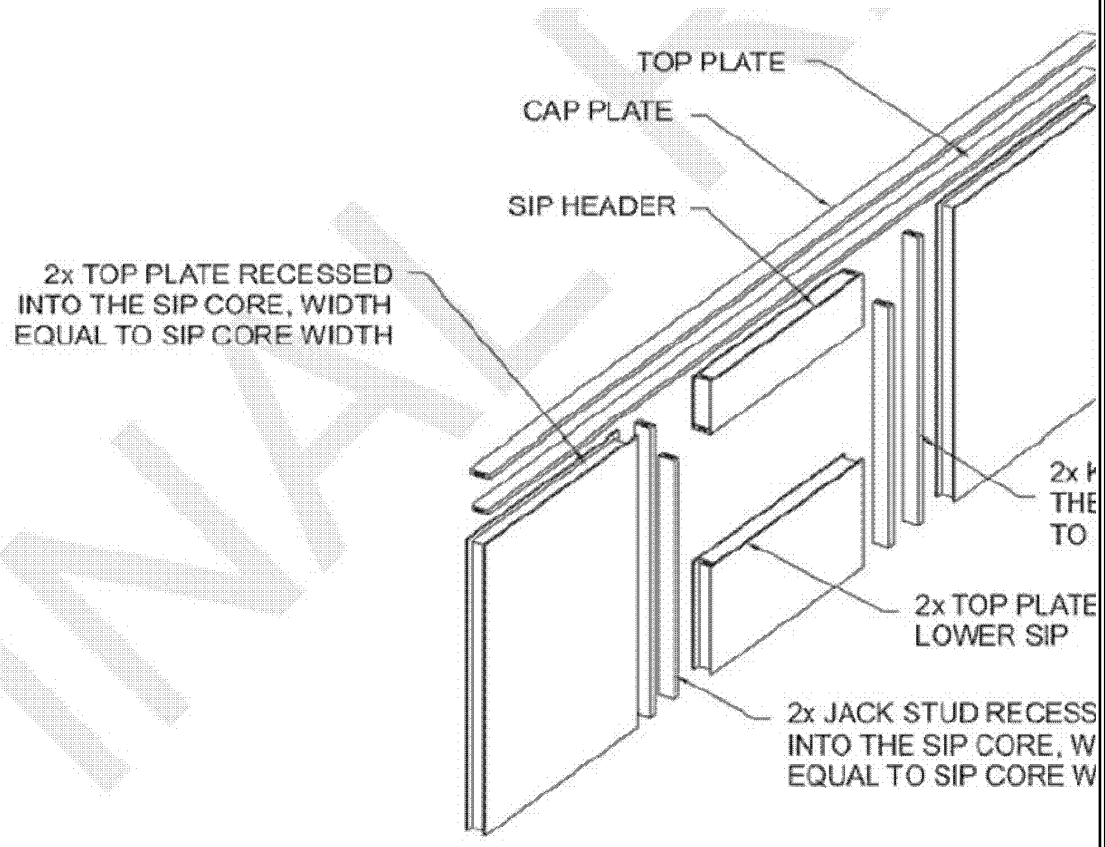
FIGURE R613.5(4)
SIP WALL TO WALL PLATFORM FRAME CONNECTI



For SI: 1 inch = 25.4 mm.

Note: Figures illustrate SIP-specific attachment requirements. Other connections shall be made in accordance

FIGURE R613.5(5)
SIP WALL TO WALL BALLOON FRAME CONNECTIO
(I-Joist floor shown for illustration only)



For SI: 1 inch = 25.4 mm.

Notes:

1. Top plates shall be continuous over header.
2. Lower 2 x top plate shall have a width equal to the SIP core width and shall be recessed into the top edge of the p plate and shall have a width equal to the SIPs width.
3. SIP facing surfaces shall be nailed to framing and cripples with 8d common or galvanized box nails spaced
4. Galvanized nails shall be hot-dipped or tumbled. Framing shall be attached in accordance to Section R603.3(1)

FIGURE R613.5.1
SIP WALL FRAMING CONFIGURATION

TABLE R614.10
MAXIMUM SPANS FOR $11^{7}/_{8}$ INCH DEEP SIP HEADE

LOAD CONDITION	SNOW LOAD (psf)	BUILDING WID		
		24	28	32
Supporting roof only	20	4	4	4
	30	4	4	4
	50	2	2	2
	70	2	2	2
Supporting roof and one-story	20	2	2	N/A
	30	2	2	N/A
	50	2	N/A	N/A
	70	N/A	N/A	N/A

Maximum Vasd determined in accordance with Section R301.2.3

TABLE R613.5(1)

MINIMUM THICKNESS FOR SIP WALL SUPPORTING SIP LIGHT-FRAME ROOF ONLY (inches)

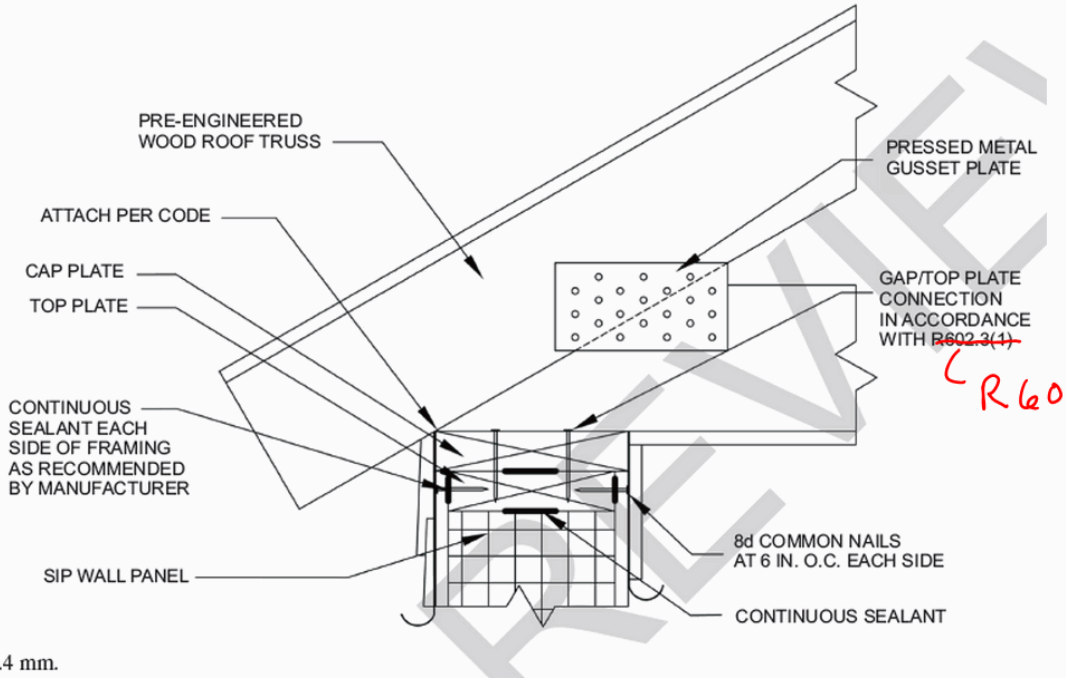
WIND SPEED (3-second gust)			BUILDING WIDTH (feet)														
			24			28			32			36			40		
Exp. A/B	Exp. C	SNOW LOAD (psf)	Wall Height (ft)			Wall Height (ft)			Wall Height (ft)			Wall Height (ft)			Wall Height (ft)		
			8	9	10	8	9	10	8	9	10	8	9	10	8	9	10
85	—	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		70	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
100	85	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		70	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
110	100	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		70	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
120	110	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		70	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.5	4.5	4.5	6.5
130	120	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.5	4.5	4.5	6.5	4.5	4.5	6.5
		70	4.5	4.5	4.5	4.5	4.5	6.5	4.5	4.5	6.5	4.5	6.5	N/A	4.5	6.5	N/A
—	130	20	4.5	4.5	6.5	4.5	4.5	N/A	4.5	4.5	N/A	4.5	4.5	N/A	4.5	6.5	N/A
		30	4.5	4.5	N/A	4.5	4.5	N/A	4.5	4.5	N/A	4.5	6.5	N/A	4.5	6.5	N/A
		50	4.5	6.5	N/A	4.5	6.5	N/A	4.5	N/A	N/A	6.5	N/A	N/A	6.5	N/A	N/A
		70	4.5	N/A	N/A	6.5	N/A	N/A	6.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

TABLE R613.5(2)

MINIMUM THICKNESS FOR SIP WALLS SUPPORTING SIP OR LIGHT-FRAME ONE STORY AND ROOF (inches)

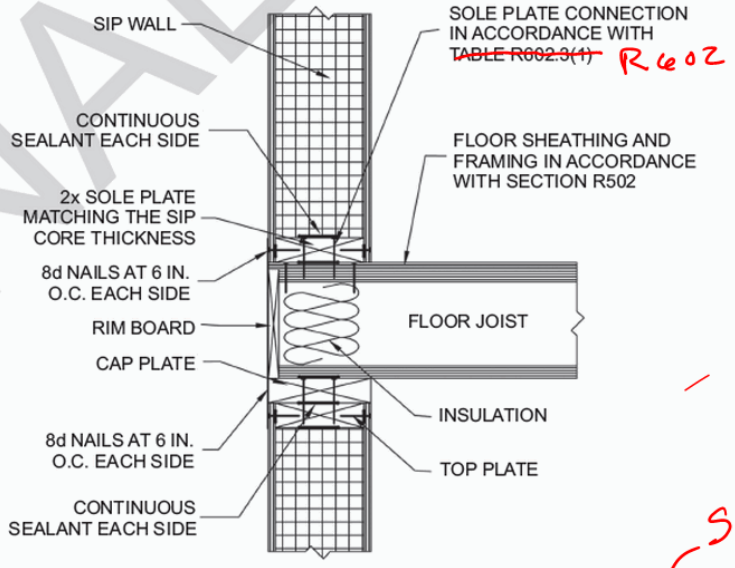
Maximum Vasd determined in accordance with Section R301.2.3

~~WIND SPEED (3-second gust)~~			BUILDING WIDTH (feet)														
			24			28			32			36			40		
Exp. A/B	Exp. C	SNOW LOAD (psf)	Wall Height (feet)			Wall Height (feet)			Wall Height (feet)			Wall Height (feet)			Wall Height (feet)		
			8	9	10	8	9	10	8	9	10	8	9	10	8	9	10
85	—	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		70	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.5	6.5	6.5	6.5
100	85	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.5	4.5	6.5	6.5
		70	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.5	6.5	6.5	6.5	6.5	N/A	N/A
110	100	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.5
		30	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.5	4.5	6.5	6.5
		50	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.5	4.5	6.5	6.5	6.5	6.5	N/A
		70	4.5	4.5	4.5	4.5	4.5	6.5	6.5	6.5	N/A	6.5	N/A	N/A	N/A	N/A	N/A
120	110	20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.5	4.5	4.5	6.5	4.5	6.5	N/A
		30	4.5	4.5	4.5	4.5	4.5	6.5	4.5	4.5	6.5	4.5	6.5	N/A	6.5	6.5	N/A
		50	4.5	4.5	6.5	4.5	4.5	6.5	4.5	6.5	N/A	6.5	N/A	N/A	N/A	N/A	N/A
		70	4.5	4.5	6.5	4.5	6.5	N/A	6.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
130	120	20	4.5	4.5	6.5	4.5	4.5	6.5	4.5	6.5	N/A	4.5	6.5	N/A	6.5	N/A	N/A
		30	4.5	4.5	6.5	4.5	4.5	N/A	4.5	6.5	N/A	6.5	N/A	N/A	6.5	N/A	N/A
		50	4.5	6.5	N/A	4.5	6.5	N/A	6.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		70	4.5	6.5	N/A	6.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
—	130	20	6.5	N/A	N/A	6.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		30	6.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



:h = 25.4 mm.

FIGURE R613.5(3)
TRUSSED ROOF TO TOP PLATE CONNECTION

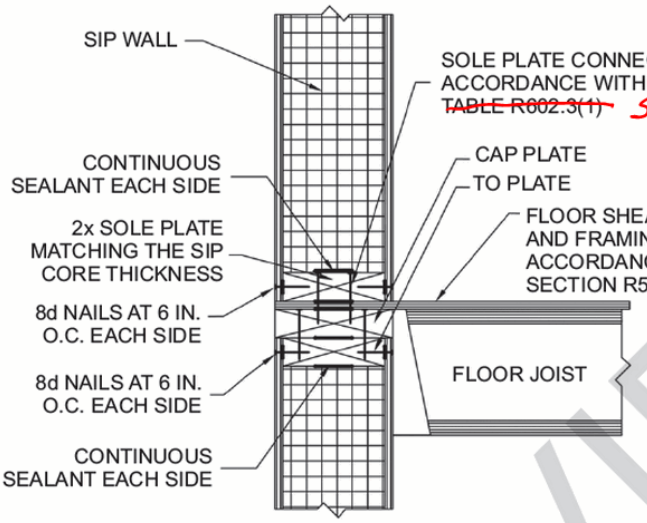


SECTION R602

For SI: 1 inch = 25.4 mm.

Note: Figures illustrate SIP-specific attachment requirements. Other connections shall be made in accordance with ~~Table R602.3(1) and (2)~~ as appropriate.

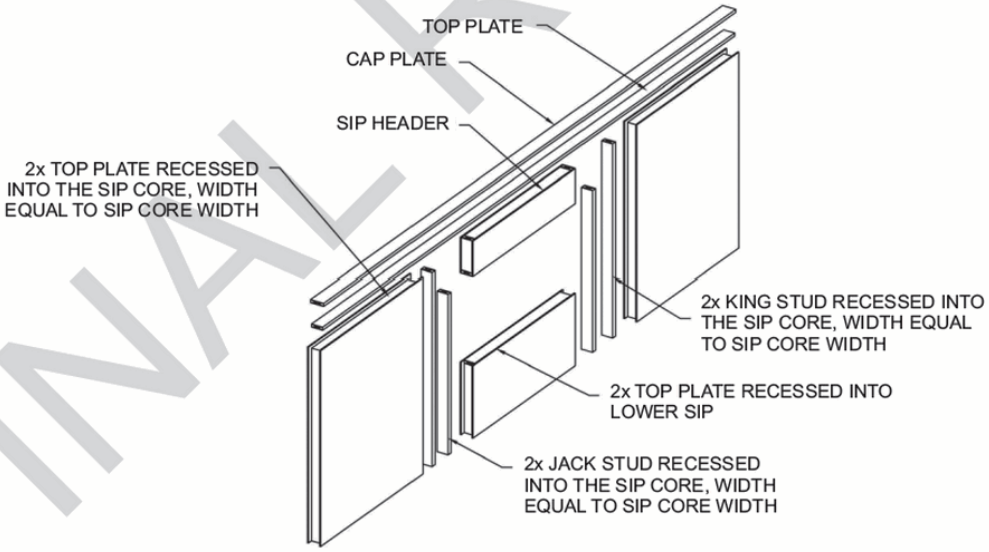
FIGURE R613.5(4)
SIP WALL TO WALL PLATFORM FRAME CONNECTION



For SI: 1 inch = 25.4 mm.

Note: Figures illustrate SIP-specific attachment requirements. Other connections shall be made in accordance with Tables R602.3(1) and (2), as appropriate.

FIGURE R613.5(5)
SIP WALL TO WALL BALLOON FRAME CONNECTION
(I-Joist floor shown for Illustration only)



For SI: 1 inch = 25.4 mm.

Notes:

1. Top plates shall be continuous over header.
2. Lower 2 x top plate shall have a width equal to the SIP core width and shall be recessed into the top edge of the panel. Cap plate shall be placed over the recessed top plate and shall have a width equal to the SIPs width.
3. SIP facing surfaces shall be nailed to framing and cripples with 8d common or galvanized box nails spaced 6 inches on center.
4. Galvanized nails shall be hot-dipped or tumbled. Framing shall be attached in accordance to Section R602.3(1) unless otherwise provide for in Section R613.

FIGURE R613.5.1
SIP WALL FRAMING CONFIGURATION

TABLE R614.10
MAXIMUM SPANS FOR $11^{7}/_{8}$ INCH DEEP SIP HEADERS (feet)

LOAD CONDITION	SNOW LOAD (psf)	BUILDING WIDTH (feet)				
		24	28	32	36	40
Supporting roof only	20	4	4	4	4	2
	30	4	4	4	2	2
	50	2	2	2	2	2
	70	2	2	2	N/A	N/A
Supporting roof and one-story	20	2	2	N/A	N/A	N/A
	30	2	2	N/A	N/A	N/A
	50	2	N/A	N/A	N/A	N/A
	70	N/A	N/A	N/A	N/A	N/A

Date Submitted	2/28/2011	**Section**	R615.1	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Clarification of appropriate design pressures for use with testing impact resistant coverings to the wind loading requirements of ASCE 7-10.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R615.1 Impact resistant coverings shall be tested at 1.5 times the design pressure (positive or negative) expressed in pounds per square feet as determined by the Florida Building Code, Building Section 1609 for which the specimen is to be tested. The design pressures, as determined from Section 1609 of the Florida Building Code, Building or ASCE 7, are permitted to be multiplied by 0.6.

Date Submitted	2/28/2011	**Section**	R615.2.1	**Proponent**	Oriol Haage
Chapter	6	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Replace Miami-Dade Building Code Compliance Office with Miami-Dade County Building and Neighborhood Compliance Department

Rationale

Editorial correction to replace Miami-Dade Building Code Compliance Office with Miami-Dade County Building and Neighborhood Compliance Department. This glitch modification is necessary based on unintended results from the integration of previously adopted Florida-specific amendments with the FBC. This will not impact small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None. Clarification of terminology

Impact to building and property owners relative to cost of compliance with code

None. Clarification of terminology

Impact to industry relative to the cost of compliance with code

None. Clarification of terminology

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarification of terminology allows for enhanced interpretation and enforcement of the code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Strengthens code through clarification of terminology.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate.

Does not degrade the effectiveness of the code

Does not degrade

R615.2. Labels. A permanent label shall be provided by the product approval holder on all impact resistant coverings.

R615.2.1 The following information shall be included on the labels on impact resistant coverings:

1. Product approval holder name and address.

2. All applicable methods of approval. Methods of approval include, but~~,~~ are not limited to Miami-Dade NOA; Florida Building Commission, TDI Product Evaluation; ICC-ES.

3. The test standard or standards specified at Section 1609.1.4, including standards referenced within the test standards specified at Section 1609.1.4 used to demonstrate code compliance.

4. For products with a Florida Product Approval Number or a Miami-Dade County Building and Neighborhood ~~Code~~ Compliance ~~Office~~ Department Notice of Acceptance Number (NOA), such numbers shall be included on the label.

Date Submitted	2/28/2011	**Section**	R617.4	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Clarification of appropriate design pressures for use with testing soffits to the wind loading requirements of ASCE 7-10.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R617.4 Installation. All manufactured soffit materials shall be installed in accordance with the manufacturer's installation instructions and in accordance with the product approval. Installation instructions shall be provided and shall be available to inspection personnel on the job site. Soffit pieces, components, fasteners, and other parts evaluated by an approved product evaluation entity, certification agency, testing laboratory, architect, or engineer and approved by the holder of the product approval may be interchangeable in manufactured soffit systems provided that the soffit system component or components provide equal or greater structural performance and durability as demonstrated by testing in accordance with approved test standards.

All exterior wall coverings and soffits shall be capable of resisting the design pressures specified for walls for components and cladding loads in accordance with Section R703.1.1. Manufactured soffits shall be tested at 1.5 times the design pressure. Fort testing purposes, the design pressures determined from Section 1609 of the Florida Building Code, Building or ASCE 7, are permitted to be multiplied by 0.6.

Date Submitted	2/28/2011	**Section**	R703.8	**Proponent**	T Stafford
Chapter	7	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Modification number 3584 changed the term “registered” to “licensed” design professional. However, the term “licensed design professional” is not defined. The term “registered design professional” is a defined term and should be restored in this section.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R703.8 Flashing. *Approved* corrosion-resistant flashing shall be applied shingle-fashion in a manner to prevent entry of water into the wall cavity or penetration of water to the building structural framing components. Self-adhered membranes used as flashing shall comply with AAMA 711. The flashing shall extend to the surface of the exterior wall finish. *Approved* corrosion-resistant flashings shall be installed at all of the following locations:

1. Exterior window and door openings. Flashing at exterior window and door openings shall extend to the surface of the exterior wall finish or to the water-resistive barrier for subsequent drainage. Flashing at exterior window and door openings shall be installed in accordance with one or more of the following or other approved method:

1.1 The fenestration manufacturer's written flashing instructions.

1.2 The flashing manufacturer's written installation instructions.

1.3 In accordance with FMA/AAMA 100, FMA/AAMA 200, or FMA/WDMA 250.

1.4 In accordance with the flashing method of a registered ~~licensed~~ design professional.

2. At the intersection of chimneys or other masonry construction with frame or stucco walls, with projecting lips on both sides under stucco copings.

3. Under and at the ends of masonry, wood or metal copings and sills.

4. Continuously above all projecting wood trim.

5. Where exterior porches, decks or stairs attach to a wall or floor assembly of wood-frame construction.

6. At wall and roof intersections.

7. At built-in gutters.

Date Submitted	2/28/2011	**Section**	R704	**Proponent**	T Stafford
Chapter	7	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Corrects a conflict with Section R318.4. New language makes the appropriate reference for when the 6 inch clearance can be omitted.

Rationale

Section R318.4 provides specific requirements for when the 6 inch clearance for termite inspections can be ommitted for masonry. However, Section R704 provides a blanket exception for masonry veneers which was not the intent. This proposal corrects these conflicting requirements.

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

SECTION R704

INSPECTION FOR TERMITES

In order to provide for inspection for termite infestation, clearance between exterior wall coverings and final earth grade on the exterior of a building shall not be less than 6 inches (152 mm).

Exceptions:

1. Paint or decorative cementitious finish less than 5/8 inch (17.1 mm) thick adhered directly to the masonry foundation sidewall.

2. Access or vehicle ramps which rise to the interior finish floor elevation for the width of such ramps only.

3. A 4-inch (102 mm) inspection space above patio and garage slabs and entry areas.

4. If the patio has been soil treated for termites, the finish elevation may match the building interior finish floor elevations on masonry construction only.

5. Masonry veneers constructed in accordance with R318.4.

Date Submitted	3/10/2011	**Section**	Table R703.4	**Proponent**	Paul Coats
Chapter	7	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

editorial to correct an apparent incorrect reference in table

Rationale

This is editorial only. The referenced section is apparently incorrect, compared to the current Florida code. The referenced section for Vinyl Siding is R703.11.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code
editorial only

Impact to building and property owners relative to cost of compliance with code
editorial only

Impact to industry relative to the cost of compliance with code
editorial only

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public
editorial only

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction
editorial only

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities
editorial only

Does not degrade the effectiveness of the code
editorial only

A code section reference in the row for Vinyl Siding is apparently incorrect. In the row for Vinyl Siding, the last entry, change the Section reference from R703.3.4 to R703.11, as follows:

Table R703.4, row for Vinyl Siding, last entry: See Section ~~R703.3.4~~ R703.11

Date Submitted	2/28/2011	**Section**	Tables R703.3.3(1) and R703.3.3(2	**Proponent**	T Stafford
Chapter	7	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation of code wind speeds with new wind speed map and ASCE 7-10.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

Table R703.3.3(1)

In the table heading, change “Wind Speed (mph)” to “Maximum V_{asd} determined in accordance with Section R301.2.1.3.”

Table R703.3.3(2)

In the table heading, change “Wind Speed (mph)” to “Maximum V_{asd} determined in accordance with Section R301.2.1.3.”

Date Submitted	2/28/2011	**Section**	Tables R703.3.4(1) and R703.3.4(2	**Proponent**	T Stafford
Chapter	7	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation of code wind speeds with new wind speed map and ASCE 7-10.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

Table R703.3.4(1)

In the table heading, change “Wind Speed (mph)” to “Maximum V_{asd} determined in accordance with Section R301.2.1.3.”

Table R703.3.4(2)

In the table heading, change “Wind Speed (mph)” to “Maximum V_{asd} determined in accordance with Section R301.2.1.3.”

Date Submitted	2/28/2011	**Section**	R802.1.6.1	**Proponent**	T Stafford
Chapter	8	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with new wind speed map in the code and ASCE 7-10.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R802.1.6.1 Truss design drawings. Truss design drawings, prepared in conformance with Section R802.1.6.1, shall be provided to the building official and approved prior to installation. Truss design drawings shall include, at a minimum, the information specified below. Truss design drawing shall be provided with the shipment of trusses delivered to the jobsite.

1. Ultimate ~~D~~ddesign wind speed, V_{ult} and exposure category.

(no change to remainder)

Date Submitted	2/28/2011	**Section**	R802.1.8.2	**Proponent**	T Stafford
Chapter	8	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

The term “registered” design professional was changed to “licensed” design professional. The term “licensed design professional” is not defined. The term “registered design professional” is a defined term and should be restored in this section.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R802.1.8.2 Engineered wood products. Cuts, notches and holes bored in trusses, structural composite lumber, structural glue-laminated members or I-joists are prohibited except where permitted by the manufacturer's recommendations or where the effects of such alterations are specifically considered in the design of the member by a ~~licensed~~ registered design professional**.**

Date Submitted	2/28/2011	**Section**	R802.2.2	**Proponent**	T Stafford
Chapter	8	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

This section was deleted by Modification #4209 and is incorrectly shown in the supplement. This proposal deletes (reserves) all of the text and tables of this section.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R802.2.2 Allowable ceiling joist spans. Reserved.

(delete remainder of text and tables in R802.2.2.)

Date Submitted	2/28/2011	**Section**	R802.2.9.1	**Proponent**	T Stafford
Chapter	8	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

All of Section R802.2 has been deleted with the exception of Section R802.2.9.1. This proposal relocates these provisions to Section R802.1.9 for clarity and consistency with the provisions of Section R802.1.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R802.1.9 ~~**R802.2.9.1**~~ **[IRC R802.11.1] Uplift resistance.** (no change to text)

Date Submitted	2/28/2011	**Section**	Table R802.2.9.1	**Proponent**	T Stafford
Chapter	8	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

This proposal relocates these provisions to Section R802.1.9 for clarity and consistency with the provisions of Section R802.1. The uplift loads table is revised for correlation and consistency with the new wind speed map in the code and ASCE 7-10.

Rationale

The proposed change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

Table R802.1.9 ~~R802.2.9.1~~

In table heading change "Basic Wind Speed" to "Ultimate Design Wind Speed, V_{ult}."

Delete all rows for Wind Speeds of 85 mph, 90 mph, and 100 mph.

Add new Note g as follows:

g. For Ultimate design wind speeds, V_{ult} greater than 150 mph, wind uplift forces shall be determined in accordance with Section R802.3 or ASCE 7.

Date Submitted	2/28/2011	**Section**	AAF	**Proponent**	T Stafford
Chapter	43	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correct the year of the AAF Guide.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a confilct within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a confilct within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a confilct within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a confilct within the updated code.

AAF - 2010 Guide to Aluminum Construction in High Wind Areas 2010 ~~2007-1~~

Date Submitted	2/28/2011	**Section**	ASCE	**Proponent**	T Stafford
Chapter	43	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Editorial proposal to include the errata to ASCE 7-10 with the update.

Rationale

The proposed modification simply incorporates the published errata to ASCE 7-10.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a confilct within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a confilct within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a confilct within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a confilct within the updated code.

ASCE/SEI

American Society of Civil Engineers

Structural Engineering Institute

1801 Alexander Bell Drive

Reston, VA 20191-4400

7-10 Minimum Design Loads for Buildings and Other Structures (with Errata dated January 11, 2011)

Date Submitted	3/11/2011	**Section**	ASTM	**Proponent**	Michael Goolsby
Chapter	43	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Reference and edition of the ASTMs used for glazing gaskets were not correlated into Chapter 43. Ref. MOD S2131.

Rationale

This glitch resolves a conflict with the updated code by correcting the omission of previously adopted Florida specific amendments updating standards. These were the editions of the standards provided when the modification was originally filed in December 2006. As indicated in the approved MOD S2131, correlation into chapter 43 was to take place in similar fashion to the Building volume (CH35), but never did. This glitch modification assists small businesses by accurately identifying the previously adopted year of the standards.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Improves health, safety and welfare of the public by providing the correct edition of the ASTM.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Strengthens the code by providing the correct edition of the ASTM.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate.

Does not degrade the effectiveness of the code

Improves effectiveness of the code by providing the correct edition of the ASTM.

ASTM

ASTM International

100 Barr Harbor Drive

West Conshohocken, PA 19428-2959

Standard reference number	Title	Referenced in code section number
...		
C 509-00	Elastomeric Cellular Preformed Gaskets and Sealing Material	R4410.2.3.4
...		
C 864-05	Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers	R4410.2.3.4
...		
C 1115-00	Dense Elastomeric Silicone Rubber Gaskets and Accessories	R4410.2.3.4
...		
E 2203-02	Dense Thermoplastic Elastomers Used for Compression Seals, Gaskets, Setting Blocks, Spacers and Accessories	R4410.2.3.4

Date Submitted	3/4/2011	**Section**	Chapter 43	**Proponent**	William Dumbaugh
Chapter	43	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Chapter 44 Florida Building Code, Residential

Summary of Modification

Delete an outdated standard and add two current standards listed in Chapter 35 Florida Building Code, Building

Rationale

Update referenced manuals to two that are currently listed in Chapter 35 Florida Building Code, Building. This is specific to the Florida Building Code as written and there is no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None

Impact to building and property owners relative to cost of compliance with code

None

Impact to industry relative to the cost of compliance with code

None

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Update standards to two standards that are currently listed in Chapter 35 Florida Building Code, Building.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Update standards to two standards that are currently listed in Chapter 35 Florida Building Code, Building.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Update standards to two standards that are currently listed in Chapter 35 Florida Building Code, Building.

Does not degrade the effectiveness of the code

Update standards to two standards that are currently listed in Chapter 35 Florida Building Code, Building.

ANSI
American National Standards Institute
25 West 43rd Street, Fourth Floor
New York, NY 10036

~~A97.1~~
~~Specification for the Application and Finishing of Gypsum Wallboard~~

GA
Gypsum Association
810 First Street, Northeast, Suite 510
Washington, DC 20002-4268

GA-216-07 Application and finishing of gypsum panel products

GA-600-06 Fire resistance design manual

Date Submitted	2/21/2011	**Section**	DHS/FEMA	**Proponent**	Rebecca Quinn
Chapter	43	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Code change proposal S3900 deleted reference to Federal regulations (no longer referenced) and updated two Technical Bulletins (TB 2 and TB 11). The supplement inadvertently retained some text for DHS/FEMA references. This proposal simply deletes the unnecessary reference.

Rationale

This glitch proposal is editorial. The supplement inadvertently retained some text for DHS/FEMA references. This proposal simply deletes the unnecessary reference. The change does not have a Florida-specific need, but is necessary to avoid confusion. There is no impact on small businesses because it just clarifies the correct references.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None, deletes leftover reference that was inadvertently retained in the supplement.

Impact to building and property owners relative to cost of compliance with code

None, deletes leftover reference that was inadvertently retained in the supplement.

Impact to industry relative to the cost of compliance with code

None, deletes leftover reference that was inadvertently retained in the supplement.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Removes reference inadvertently retained in supplement, reduces confusion.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Removes reference inadvertently retained in supplement, reduces confusion.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Removes reference inadvertently retained in supplement, reduces confusion.

Does not degrade the effectiveness of the code

Removes reference inadvertently retained in supplement, reduces confusion.

~~P2601.3~~

~~FIA-TB-11-01~~

~~TB_2__93 Flood_resistant Materials Requirements R323.17~~

Date Submitted	2/21/2011	**Section**	4403.13	**Proponent**	Rebecca Quinn
Chapter	44	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

This proposal is to correct a misspelling in code change proposal 3903, in which “flood hazard areas” should not have been plural.

Rationale

This glitch proposal is editorial to correct a misspelling in code change proposal 3903, in which “flood hazard areas” should not have been plural. This proposal does not have a Florida-specific need; there is no impact on small businesses because it is only to correct a misspelling.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None, corrects misspelling.

Impact to building and property owners relative to cost of compliance with code

None, corrects misspelling.

Impact to industry relative to the cost of compliance with code

None, corrects misspelling.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Corrects misspelling.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Corrects misspelling.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Corrects misspelling.

Does not degrade the effectiveness of the code

Corrects misspelling.

R4403.13.1 FLOOD RESISTANCE

R4403.13.1.1 Flood resistance. Where the building or structure is located in a flood hazard area ~~areas~~ established in Table 301.2(1), the building or structure, including enclosures below elevated buildings, shall be designed and constructed in accordance with Section R322 and this section.

Date Submitted	3/4/2011	**Section**	4411.4.2	**Proponent**	William Dumbaugh
Chapter	44	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Add GA-600-06 and GA-216-07 to Chapter 43, Florida Building Code, Residential.
2517.2 Florida Building Code, Building

Summary of Modification

Replaces an outdated standard with two current standards that are already referenced in Chapter 35 Florida Building Code, Building.

Rationale

Update referenced manuals to two that are currently listed in Chapter 35 Florida Building Code, Building. This is specific to the Florida Building Code as written and there is no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code
None

Impact to building and property owners relative to cost of compliance with code
None

Impact to industry relative to the cost of compliance with code
None

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public
Updates the HVHZ to the current standards as listed in Chapter 35 Florida Building Code, Building

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction
Updates the HVHZ to the current standards as listed in Chapter 35 Florida Building Code, Building

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities
Updates the HVHZ to the current standards as listed in Chapter 35 Florida Building Code, Building

Does not degrade the effectiveness of the code
No

R4411.4.2 Standards. The following standards are adopted as set forth in Chapter 43.

~~Standard Specification for the Application and Finishing of Gypsum Wallboard, ANSI A97.1.~~

Application and finishing of gypsum panel products GA-216-07

Fire Resistance Design Manual GA-600-06

Date Submitted	2/28/2011	**Section**	R4403.12.1.1	**Proponent**	T Stafford
Chapter	44	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Grammatical corrections.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a confilct within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a confilct within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a confilct within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a confilct within the updated code.

R4403.12.1.1 (no change)

Exception: Screen enclosures shall be permitted to be designed in accordance with the AAF Guide to Aluminum Construction in High Wind Areas. Construction documents based on the AAF Guide to Aluminum Construction in High Wind Areas shall be prepared and signed and sealed by ~~an~~ a Florida licensed architect or engineer.

Date Submitted	2/28/2011	**Section**	R4403.12.2.2	**Proponent**	T Stafford
Chapter	44	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correct section numbers to Section R4403.12.2.2.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a confilct within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a confilct within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a confilct within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a confilct within the updated code.

R4403.12.2.2 Permanent frame shall be designed per section ~~1620 and 1622.1.2, or 1622.1.3~~. 4403.9 and 4402.12.1.2.

Date Submitted	2/28/2011	**Section**	R4403.13.1.2.2	**Proponent**	T Stafford
Chapter	44	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

The language regarding the method categorizing sunrooms is clarified to reduce the potential for confusion.

Rationale

The leading phrase was added this cycle in the corresponding non-HVHZ sections to clarify the categories were related to application of the provisions of AAMA 2100. The mod inserting the AAMA Sunroom Categories in the HVHZ section of the code was modified by the Structural TAC to retain the categories and remove the adoption of AAMA 2100 for the HVHZ. The lead phrase is not necessary and may create confusion since it refers to an adopted standard not adopted for use in the HVHZ.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code
No impact.

Impact to building and property owners relative to cost of compliance with code
No impact.

Impact to industry relative to the cost of compliance with code
No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public
Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction
Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities
Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code
Not applicable. Corrects a conflict within the updated code.

R4403.13.1.2.2 Sunroom Categories. ~~For the purpose of applying the criteria of the AAMA Standard for sunrooms based on the intended use,~~ ~~s~~ Sunrooms shall be categorized in one of the following categories by the permit applicant, design professional, or the property owner where the sunroom is being constructed.

Date Submitted	2/28/2011	**Section**	R4407.5.1	**Proponent**	T Stafford
Chapter	44	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Spelling correction.

Rationale

Editorial change to make word "Sections" singular.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R4407.5.1 Standards. The provisions of TMS 402/ACI 530/ASCE 5 and TMS 602/ACI 530.1/ASCE6 are hereby adopted as a minimum for the design and construction of reinforced unit masonry. In addition to TMS 402/ ACI 530/ ASCE 5 and TMS 602/ACI 530.1/ASCE6 reinforced unit masonry structures shall comply with Sections 4407.2.

Exception: (no change)

Date Submitted	2/28/2011	**Section**	R4407.5.2	**Proponent**	T Stafford
Chapter	44	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Editorially adding the word "Reserved".

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R4407.5.2 General. ***Reserved.***

Date Submitted	2/28/2011	**Section**	R4409.5.1.3.3	**Proponent**	T Stafford
Chapter	44	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation of the appropriate design loads to use ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

R4409.5.1.3.3 Stud walls framing into base plates of exterior walls and interior bearing walls resting on masonry or concrete shall be anchored past the plate to the masonry or concrete, or shall be anchored to a sill plate which is anchored in accordance with Section R4409.5.1.4.1 when the net wind uplift is up to 500 ~~300~~ pounds per foot (4378 N/m).

Date Submitted	2/28/2011	**Section**	Table R4403.15.4	**Proponent**	T Stafford
Chapter	44	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with the appropriate design pressures to use when testing to ASCE 7-10 design wind loads.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

Table R4403.15.4

Revise part of table as follows:

Range of Test

0 to ~~0.5~~ 0.3p^2

0 to ~~0.6~~ 0.36p

0 to ~~1.3~~ 0.78p

Date Submitted	3/11/2011	**Section**	Table R4403.15.4	**Proponent**	Michael Goolsby
Chapter	44	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Table 1625.4

Summary of Modification

Correlation of Fatigue Loading Sequence Table with ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the unintended conflict created within the updated code. The proposed code change will have no negative impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

TABLE R4403.15.4
FATIGUE LOADING SEQUENCE

RANGE OF TEST	NUMBER OF CYCLES[1]
0 to $0.5p_{max}$[2]	600
0 to $0.6p_{max}$	70
0 to $1.3p_{max}$	1

1. Each cycle shall have minimum duration of 1 second and a maximum duration of 3 seconds and must be performed in a continuous manner.

2. p_{max} = 0.6 x ultimate design load in accordance with ASCE7. ~~The design wind load for the height and location, when the assembly will be used. For wall and roof components, shape factors given in ASCE 7 shall be used.~~

Date Submitted	2/28/2011	**Section**	Table R4403.16	**Proponent**	T Stafford
Chapter	44	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with the appropriate design pressures to use when testing to ASCE 7-10 design wind loads.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

Table R4403.16

Revise part of table as follows:

Multiply all P_{MAX} values by 0.6.

Date Submitted	3/11/2011	**Section**	Table R4403.16	**Proponent**	Michael Goolsby
Chapter	44	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Table 1626

Summary of Modification

Correlation of Cyclic Wind Pressure Loading Table with ASCE 7-10.

Rationale

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the unintended conflict created within the updated code. The proposed code change will have no negative impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

TABLE R4403.16
CYCLIC WIND PRESSURE LOADING

INWARD ACTING PRESSURE		OUTWARD ACTING PRESSURE	
RANGE	NUMBER OF CYCLES[1]	RANGE	NUMBER OF CYCLES[1]
0.2 PMAXto 0.5 PMAX[2]	3,500	0.3 PMAXto 1.0 PMAX	50
0.0 PMAXto 0.6 PMAX	300	0.5 PMAXto 0.8 PMAX	1,050
0.5 PMAXto 0.8 PMAX	600	0.0 PMAXto 0.6 PMAX	50
0.3 PMAXto 1.0 PMAX	100	0.2 PMAXto 0.5 PMAX	3,350

Notes:

1. Each cycle shall have minimum duration of 1 second and a maximum duration of 3 seconds and must be performed in a continuous manner 1.

2. P_{MAX}= 0.6 x ultimate ~~denotes maximum~~ design load in accordance with ASCE 7. The pressure spectrum shall be applied to each test specimen beginning with inward acting pressures followed by the outward acting pressures in the order from the top of each column to the bottom of each column.

Sub Code: Test Protocols

Date Submitted	3/8/2011	**Section**	13.2.1	**Proponent**	Jaime Gascon
Chapter	1	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Same in TAS202 and TAS203.

Summary of Modification

Correlates the requirement in FBC 1715.8.3 for storm panels to be labeled at 36" intervals.

Rationale

Correcting the frequency of labels to 36 inches in the protocol correlates it with the code and eliminates the conflict.
This glitch is an unintended result from the integration of previously adopted Florida-specific amendments with the existing protocols.
The use of these pre-manufactured storm panels is unique to the South East and this frequency of labeling helps guarantee that each panel is labeled if even cut to make shorter panels.
This correction helps small businesses as it will consistently allow the panels to be labeled at a larger distance or lower frequency; 36" vs. 24".

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Clarifies the code by removing a glitch.

Impact to building and property owners relative to cost of compliance with code

None.

Impact to industry relative to the cost of compliance with code

Saves having to place extra labels on panels.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

None.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Clarifies the code by removing a glitch.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate as the glitch only applies to storm panels.

Does not degrade the effectiveness of the code

Enhances the code by removing a glitch.

13.2.1 Permanent label on storm panels could be printed directly on each panel at intervals not to exceed 36 ~~24~~ inches with non removable paint or ink.

Date Submitted	3/8/2011	**Section**	1.1	**Proponent**	T Stafford
Chapter	1	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10

Rationale

Correlation with ASCE 7.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

TAS 202-~~94~~ 11

1.1 This protocol covers procedures for conducting a uniform static air pressure test

for materials and products such as wall cladding, glass block, exterior doors, garage doors, skylights, exterior windows, storm shutters, and any other external component which help maintain the integrity of the building envelope.

For the purposes of the testing required in TAS 202-11 Section 5.2, design pressures calculated in accordance with ASCE 7 are permitted to be multiplied by 0.6.

Date Submitted	3/8/2011	**Section**	13.2.1	**Proponent**	Jaime Gascon
Chapter	1	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Same in TAS201 and TAS203.

Summary of Modification

Correlates the requirement in FBC 1714.8.3 for storm panels to be labeled at 36" intervals.

Rationale

Correcting the frequency of labels to 36 inches in the protocol correlates it with the code and eliminates the conflict.
This glitch is an unintended result from the integration of previously adopted Florida-specific amendments with the existing protocols.
The use of these pre-manufactured storm panels is unique to the South East and this frequency of labeling helps guarantee that each panel is labeled if even cut to make shorter panels.
This correction helps small businesses as it will consistently allow the panels to be labeled at a larger distance or lower frequency; 36" vs. 24".

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Clarifies the code by removing a glitch.

Impact to building and property owners relative to cost of compliance with code

None.

Impact to industry relative to the cost of compliance with code

Saves having to place extra labels on panels.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

None.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Clarifies the code by removing a glitch.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate as the glitch only applies to storm panels.

Does not degrade the effectiveness of the code

Enhances the code by removing a glitch.

13.2.1 Permanent label on storm panels could be printed directly on each panel at intervals not to exceed 36 ~~24~~ inches with non removable paint or ink.

Date Submitted	3/8/2011	**Section**	5.2.2.2	**Proponent**	T Stafford
Chapter	1	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Correlation with ASCE 7-10

Rationale

Correlation with ASCE 7. Convert wind speed to an ultimate wind speed for use with ASCE 7. Pressures are permitted to be multiplied by 0.6 as specified in Section 1.1.

The proposed code change corrects a conflict within the updated code. The Florida specific need is established due to the conflict within the updated code. The proposed code change will have no impact on small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Not applicable. Corrects a conflict within the updated code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Not applicable. Corrects a conflict within the updated code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Not applicable. Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Not applicable. Corrects a conflict within the updated code.

5.2.2.2 In the case of doors and windows that are not required to comply with the means of egress/escape requirements which are provided with more than one single action hardware and comply with the test described in this protocol,

shall also be successfully tested with a test load equal to a static air pressure based on wind velocity of 97 ~~75~~ mph using only one single action locking mechanism. Test pressures are permitted to multiplied by 0.6 as specified in Section 1.1. (remainder of text unchanged).

Date Submitted	3/8/2011	**Section**	14.2.1	**Proponent**	Jaime Gascon
Chapter	1	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Same in TAS201 and TAS202.

Summary of Modification

Correlates the requirement in FBC 1715.8.3 for storm panels to be labeled at 36" intervals.

Rationale

Correcting the frequency of labels to 36 inches in the protocol correlates it with the code and eliminates the conflict.
This glitch is an unintended result from the integration of previously adopted Florida-specific amendments with the existing protocols.
The use of these pre-manufactured storm panels is unique to the South East and this frequency of labeling helps guarantee that each panel is labeled if even cut to make shorter panels.
This correction helps small businesses as it will consistently allow the panels to be labeled at a larger distance or lower frequency; 36" vs. 24".

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Clarifies the code by removing a glitch.

Impact to building and property owners relative to cost of compliance with code

None.

Impact to industry relative to the cost of compliance with code

Saves having to place extra labels on panels.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

None.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Clarifies the code by removing a glitch.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate as the glitch only applies to storm panels.

Does not degrade the effectiveness of the code

Enhances the code by removing a glitch.

14.2.1 Permanent label on storm panels could be printed directly on each panel at intervals not to exceed 36 ~~24~~ inches with non removable paint or ink.

Date Submitted	2/28/2011	**Section**	8. 8.1	**Proponent**	Oriol Haage
Chapter	1	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Comments

General Comments No **Alternate Language** No

Related Modifications

Summary of Modification

Replace Chief Code Compliance Officer terminology with Authority Having Jurisdiction

Rationale

Editorial correction to replace Chief Code Compliance Officer terminology with Authority Having Jurisdiction. This glitch modification is necessary based on unintended results from the integration of previously adopted Florida-specific amendments with the FBC. This will not impact small business.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None. Clarification of terminology

Impact to building and property owners relative to cost of compliance with code

None. Clarification of terminology

Impact to industry relative to the cost of compliance with code

None. Clarification of terminology

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarification of terminology allows for enhanced interpretation and enforcement of the code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Strengthens code through clarification of terminology.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate.

Does not degrade the effectiveness of the code

Does not degrade

TAS 301

8. Termination of Certification and Registration of Testing Facility:

8.1 At any time the facility may voluntarily terminate its certification and registration with the Authority Having Jurisdiction, either in its entirety or with respect to any particular test, simply by giving written notification to the ~~Building Code Compliance Office~~ Authority Having Jurisdiction. Such written notification shall state the date as of which the termination is to take place. The ~~Building Code Compliance Office~~ Authority Having Jurisdiction shall remove the name of the facility from the approved list.