Structural

Part 1 - Proposed Code Modifications

Glitch Modifications

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TAC: Structural

Total Mods for **Structural** in **Pending Review: 85**

Total Mods for report: 85

Sub Code: Building

Date Submitted	4/26/2013	**Section**	202	**Proponent**	Joseph Belcher
Chapter	2	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Correct grammar in definition

Rationale

Change corrects grammatical error in definition. Intent was to apply to the enclosure of a space whether it be a patio, the deck of a condo, or an open space under the roof of a dwelling such as a lanai. The addition o fthe comma and relocating the word "or", will accomplish that intent and clarify the application.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Will aid by clarifying the definition.

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

None, will aid by clarifying the definition.

Impact to industry relative to the cost of compliance with code

None, will aid by clarifying the definition.

Requirements

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

Improves code by clarifying the definition.

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

Improves code by clarifying the definition.

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 code by clarifying the definition.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

YES

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6189 Text Modification

SCREEN ENCLOSURE. A building or part thereof, in whole or in part self-supporting, and having walls of insect screening with or without removable vinyl or acrylic wind break panels and a roof of insect screening, plastic, aluminum or similar lightweight material, or other materials and assemblies such as a patio, ~~or~~ deck, or roof of a structure.

Date Submitted	4/27/2013	**Section**	909.3	**Proponent**	T Stafford
Chapter	9	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. Section 1704 has been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Corrects and incorrect section reference.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

909.3 Special inspection and test requirements. In addition to the ordinary inspection and test requirements which buildings, structures and parts thereof are required to undergo, smoke control systems subject to the provisions of Section 909 shall undergo *special inspections* and tests sufficient to verify the proper commissioning of the smoke control design in its final installed condition. The design submission accompanying the *construction documents* shall clearly detail procedures and methods to be used and the items subject to such inspections and tests. Such commissioning shall be in accordance with generally accepted engineering practice and, where possible, based on published standards for the particular testing involved. ~~The special inspections and tests required by this section shall be conducted under the same terms in Section 1704.~~

Date Submitted	4/27/2013	**Section**	1408.6	**Proponent**	T Stafford
Chapter	14	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. Sections 1704 and 1705 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Corrects an incorrect section reference.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6206 Text Modification

1408.6 Special inspections.Reserved.~~EIFS installations shall comply with the provisions of Sections 1704.2 and 1705.15.~~

Date Submitted	4/27/2013	**Section**	1603.1.9	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. Corrects an incorrect section reference. Section 1705 has been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Corrects an incorrect section reference.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1603.1.9 Systems and components requiring special inspections for seismic resistance.
Reserved. ~~*Construction documents* or specifications shall be prepared for those systems and components requiring *special inspection* for seismic resistance as specified in Section 1705.11 by the *registered design professional* responsible for their design and shall be submitted for approval in accordance with Section 107.1. Reference to seismic standards in lieu of detailed drawings is acceptable.~~

Date Submitted	4/27/2013	**Section**	1609.1.2.2.1	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code. Reinstates the provisions for correlating ASTM E 1996 with the wind provisions of ASCE 7-10.

Rationale

This proposal provides necessary correlation between ASCE 7-10 and ASTM E 1996 and E 1886. This requirement is currently in the Supplement for the 2013 FBCR but was inadvertently not submitted to the FBCB. This same language is also in the 2010 FBCB and FBCR.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Correlation with standard referenced in the code and to provide consistency with the FBCR.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [ ] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R1609.1.2.2.1 Modifications to ASTM E 1886 and ASTM E 1996.

Table 1 of ASTM E 1886 and ASTM E 1996 – revise the third column to read as follows:

Air Pressure Cycles

0.2 to 0.5 P_{pos}[1]

0.0 to 0.6 P_{pos}

0.5 to 0.8 P_{pos}

0.3 to 1.0 P_{pos}

0.3 to 1.0 P_{neg}[2]

0.5 to 0.8 P_{neg}

0.0 to 0.6 P_{neg}

0.2 to 0.5 P_{neg}

Notes:

1. P_{pos}= 0.6 x positive ultimate design load in accordance with ASCE 7.

2. P_{neg} = 0.6 x negative ultimate design load in accordance with ASCE 7.

Date Submitted	4/27/2013	**Section**	1609.3	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code. Language is added for consistency with Florida Statutes.

Rationale

Adds language from Florida Statutes regarding the establishment of wind speed and wind-borne debris region contours locally. This language has existed in the Florida Building Codes since the 2001 Edition.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [ ] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [X] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1609.3 Basic wind speed.

The ultimate design wind speed, *Vult*, in mph, for the determination of the wind loads shall be determined by Figures 1609A, 1609B and 1609C. The ultimate design wind speed, *Vult*, for use in the design of Risk Category II buildings and structures shall be obtained from Figure 1609A. The ultimate design wind speed, *Vult*, for use in the design of Risk Category III and IV buildings and structures shall be obtained from Figure 1609B. The ultimate design wind speed, *Vult*, for use in the design of Risk Category I buildings and structures shall be obtained from Figure 1609C. ~~The ultimate design wind speed, *Vult*, for the special wind regions indicated near mountainous terrain and near gorges shall be in accordance with local jurisdiction requirements. The ultimate design wind speeds, *Vult*, determined by the local jurisdiction shall be in accordance with Section 26.5.1 of ASCE 7. In nonhurricane-prone regions, when the ultimate design wind speed, V*ult*, is estimated from regional climatic data, the ultimate design wind speed, V*ult*, shall be determined in accordance with Section 26.5.3 of ASCE 7.~~ The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores wherever possible.

Date Submitted	4/24/2013	**Section**	1625.2	**Proponent**	Jaime Gascon
Chapter	16	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

None.

Summary of Modification

Corrects referenced section for HVHZ deflection limits to 1616.3 due to chapter 16 section renumbering.

Rationale

Section 1616.3 is the section in the 2013 FBC-Building volume that contains the HVHZ deflection criteria. This modification corrects the glitch.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Clarifies a glitch that will exist if not corrected.

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

Corrects a glitch that if not corrected has the potential to cause confusion and incur costs and delays.

Impact to industry relative to the cost of compliance with code

Corrects a glitch that if not corrected has the potential to cause confusion and incur costs and delays.

Requirements

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

None. The modification corrects a glitch.

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

The modification improves the code by indicating the correct section containing the needed information.

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

This modification does not discriminate.

Does not degrade the effectiveness of the code

This modification improves the code by correcting a glitch.

Is the proposed code modification part of a prior code version? No

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1625.2 Testing method. Such testing shall follow a nationally recognized standard test, or when there is no standard test procedure for the material or assembly in question, the building official shall require the material or assembly under dead plus live load shall deflect not more than as set forth in Section ~~1613~~ 1616.3, and that the material or assembly shall sustain dead load plus twice the live load for a period of 24 hours, with a recovery of at least 80 percent or a 100 percent recovery after one-half test load.

Date Submitted	4/18/2013	**Section**	1710.5.1	**Proponent**	Dwight Wilkes
Chapter	17	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

5623 A-1

Summary of Modification

change on to “of” in second line and Strikethrough 98 or ASTM1300-04 as per original approved Modidification

Rationale

Correction of "on" to "of" and the strike throughs of "98 or ASTM 1300-04" that was in the orginal modification S 5623 A-1 that was not carried over to the Supplements.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

clarifies the section

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

no cost

Impact to industry relative to the cost of compliance with code

no cost

Requirements

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

clarifies the code

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

yes

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

does not

Does not degrade the effectiveness of the code

does not

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

NO

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1710.5.1 Exterior windows and doors. Exterior windows and doors shall be tested by an approved independent testing laboratory, and shall be labeled to indicate compliance with the requirements of one ~~on~~ of the following specifications: ANSI/AAMA/NWWDA 101/I.S. 2 or ANSI/AAMA/WDMA/101/I.S.2/NAFS or WDMA/CSA101/I.S.2/A440 or TAS 202(HVHZ shall comply with TAS 202 utilizing ASTME 1300~~-98 or ASTME 1300-04~~ or Section 2404).

1710.5.1 Exterior windows and doors. Exterior windows and doors shall be tested by an approved independent testing laboratory, and shall be labeled to indicate compliance with the requirements of one ~~on~~ of the following specifications: ANSI/AAMA/NWWDA 101/I.S. 2 or ANSI/AAMA/WDMA/101/I.S.2/NAFS or WDMA/CSA101/I.S.2/A440 or TAS 202(HVHZ shall comply with TAS 202 utilizing ASTME 1300~~-98 or ASTME 1300-04~~ or Section 2404).

Date Submitted	4/29/2013	**Section**	1710.5.1	**Proponent**	James Bell
Chapter	17	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

R612.8.4.1
1710.5.3

Summary of Modification

The elimination of ANSI A250.13 from the Building code and it's acceptance to the Residential code creates confusion and alignment within the code.

Rationale

a.To align the building code with the residential code, ANSI A250.13 should be reinstated in the Building code. Reason for removal from the Building code was to align the Florida code with the IBC by removing all Florida specific amendments from the 2013 code. Since ANSI A 250.13 is a standard for testing door components (commercial and residential) both the Building and Residential codes should be in alignment. The removal from the residential code would affect MOD 6012 which requires listed hardware components for substitution within tested assemblies.
b.There are types of projects such as condominiums and multi-family housing, which residential and commercial products are used and by having different requirements in the code would create conflict

Fiscal Impact Statement

Impact to local entity relative to enforcement of code
None, already in 2010 code

Impact to building and property owners relative to cost of compliance with code
None, already in 2010 code

Impact to industry relative to the cost of compliance with code
None, already in 2010 code

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public
None, already in 2010 code

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction
Strengthens components by requiring testing as components

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities
None, already in 2010 code

Does not degrade the effectiveness of the code
None, already in 2010 code

Is the proposed code modification part of a prior code version?
YES

The provisions contained in the proposed amendment are addressed in the applicable international code?
NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?
YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?
YES

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1710.5.1.1 Optional exterior swinging door component testing

Exterior side-hinged door assemblies shall have the option to have the components of the assembly tested and rated for structural interrity in accordancewith the following specification:

ANSI A250.13

Following the structural testing of exterior door components, there shall be no permanent deformation of any perimeter frame or panel member in excess of .4 percent of its span after the load is removed. After each specified loading, there shall be no glass breakage permanent damage to fasteners, hardware parts, or any other damage that causes the door to be inoperable, as applicable. All components shall be rated appropriately for design pressure and impact resistance individually. Tested components then are assembled to create an exterior door assembly with the lowest rating for all components being the rating or the assembly.

Date Submitted	4/24/2013	**Section**	1710.5.2	**Proponent**	Joseph Hetzel
Chapter	17	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Deletion of redundant garage door and rolling door criteria.

Rationale

Approved Modification #5325 showed text deleted as indicated in this proposed modification. New paragraph 1710.5.2.1 as approved via Modification #5325 encompasses the garage door and rolling door criteria, therefore the garage door and rolling door sentence in 1710.5.2 is redundant and unnecessary. Deleting the sentence in question is also needed for consistency with the Residential volume as well.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Clarifies code enforcement.

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

Has a reasonable and substantion connection by clarifying the code.

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

Strengthens and improves the code by clarifying it.

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

Product neutral.

Does not degrade the effectiveness of the code

Improves effectiveness by clarifying it.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1710.5.2 Exterior windows and door assemblies not provided for in Section 1710.5.1.
Exterior window and door assemblies shall be tested in accordance with ASTM E 330 or TAS202. HVHZ shall comply with TAS202. ~~Structural performance of garage doors and rolling doors shall be determined in accordance with either ASTM E 330 or ANSI/DASMA 108, and shall meet the acceptance criteria of ANSI/DASMA 108. HVHZ shall comply with TAS202.~~ Exterior window and door assemblies containing glass shall comply with Section 2403. The design pressure for testing shall be calculated in accordance with Chapter 16. Each assembly shall be tested for 10 seconds at a load equal to 1.5 times the design pressure (HVHZ shall comply with TAS202).

Date Submitted	4/27/2013	**Section**	1710.5.2	**Proponent**	T Stafford
Chapter	17	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. This language is already covered in Section 1710.5.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version? No

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1710.5.2 Exterior windows and door assemblies not provided for in Section 1710.5.1. (no change)

Exceptions:

1. – 2. (no change)

-

~~3. Structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.1 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with section 1710.5.1. All components of the alternate size unit shall be the same as the tested or labeled unit.~~

~~i. Operable windows and doors rated in this manner shall comply with the following:~~

~~1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.~~

~~2. Shall vary from the tested approved unit only in width, height or load requirements.~~

~~3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.~~

~~4. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.~~

~~5. Shall not exceed the air and water infiltration resistance of the tested approved unit.~~

~~6. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.~~

-

~~ii. Non-operable windows and doors rated in this manner shall comply with the following:~~

~~1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.~~

~~2. Shall vary from the tested approved unit only in width, height or load requirements.~~

~~3. The maximum uniform load distribution (ULD) of any side shall be equal to the uniform load carried by the side divided by the length of the side.~~

~~4. The ULD of any member shall not exceed the ULD of the corresponding member of the tested approved unit.~~

~~5. The ULD of each member shall be calculated in accordance with standard engineering analysis.~~

~~6. Shall not exceed the air and water infiltration resistance of the tested approved unit.~~

~~7. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and 203 or ASTM E 1886 and ASTM E 1996 where applicable.~~

-

~~4. For window and door units tested in accordance with Section 1710.5.2, structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.2 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with Section 1710.5.2. All components of the alternate size unit shall be the same as the tested unit. Where engineering analysis is used, the glass shall comply with Section 2403, and sub-section i and ii of section 3) above.~~

Date Submitted	4/23/2013	**Section**	1710.5.3	**Proponent**	Joseph Hetzel
Chapter	17	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Adding a sentence, for consistency with similar Residential volume content.

Rationale

Consistency with similar Residential volume content.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Establishes consistency with the Residential volume.

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

Reasonable and substantial connection through establishing consistency with the Residential volume content.

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

Strengthens and improves the code by establishing consistency with similar Residential volume content.

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 the effectiveness of the code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1710.5.3 Garage door labeling. Garage doors shall be labeled with a permanent label provided by the garage door manufacturer. The label shall identify the garage door manufacturer, the garage door model/series number, the positive and negative design pressure rating, indicate impact rated if applicable, the installation instruction drawing reference number, the Florida Product Approval or Miami-Dade Product Approval number if applicable, and the applicable test standards. The required garage door components for an approved garage door assembly may be indicated using a checklist form on the label. If a checklist format is used on the label, the door installer or the garage door manufacturer shall mark the selected components on the checklist that are required to assemble an approved garage door system. The installation instructions shall be provided and available on the job site.

Date Submitted	4/27/2013	**Section**	1710.5.5.3	**Proponent**	T Stafford
Chapter	17	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. The revision provides correlation with ASCE 7-10 and is consistent with the 2010 FBCB.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1710.5.5.3 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. 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.

Date Submitted	4/27/2013	**Section**	1710.5	**Proponent**	T Stafford
Chapter	17	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. The revision to the charging language in Section 1710.5 is unnecessary and confusing and could encourage double dipping on the 0.6 factor on strength design loads. The issue is covered by the preceding sentence that permits design pressures from ASCE 7 to be multiplied by 0.6.

The proposed revision to Exception 2 brings language approved in the Revision to Mod 5582 to the appropriate location.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1710.5 Exterior window and door assemblies. The design pressure rating of exterior windows and doors in buildings shall be determined in accordance with Section 1710.5.1 or 1710.5.2. The design pressures, as determined from ASCE 7, are permitted to be multiplied by 0.6.

~~For the purposes of this section, the required design pressure shall be determined using the allowable stress design load combinations of Section 1605.3 or 1618.9 for HVHZ.~~

Exceptions:

1. Structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.1 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis, or Sections 1710.5.3 or 1710.5.4, or validated by an additional test of the window or door unit to the different design pressure in accordance with section 1710.5.2. All components of the alternate size unit shall be the same as the tested or labeled unit.

a~~i~~. Operable windows and doors rated in this manner shall comply with the following:

1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.
2. Shall vary from the tested approved unit only in width, height or load requirements.
3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.
4. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.
5. Shall not exceed the air and water infiltration resistance of the tested approved unit.
6. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.

b~~ii~~. Non-operable windows and doors rated in this manner shall comply with the following:

1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.
2. Shall vary from the tested approved unit only in width, height or load requirements.
3. The maximum uniform load distribution (ULD) of any side shall be equal to the uniform load carried by the side divided by the length of the side.
4. The ULD of any member shall not exceed the ULD of the corresponding member of the tested approved unit.
5. The ULD of each member shall be calculated in accordance with standard engineering analysis.

6. Shall not exceed the air and water infiltration resistance of the tested approved unit.

7. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.

2. For window and door units tested in accordance with Section 1710.5.2, structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.2 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with Section 1710.5.2. All components of the alternate size unit shall be the same as the tested unit. Where engineering analysis is used, the glass shall comply with Section 2403 and Items a. and b. of Exception 1.

3. Custom doors. Custom (one-of-a-kind) exterior door assemblies shall be tested by an approved testing laboratory or be engineered in accordance with accepted engineering practices.

Date Submitted	4/27/2013	**Section**	1710.9.4	**Proponent**	T Stafford
Chapter	17	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. The revision provides correlation with ASCE 7-10 and is consistent with the 2010 FBCB.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1710.9.4 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 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	4/30/2013	**Section**	1710	**Proponent**	Dwight Wilkes
Chapter	17	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

5024 AM, 5582 AM, 5623 AM, 5325 AS, 6007 AS, 5324 AS, 5636 AM and 5635

Summary of Modification

This is an effort to correlate several of the approved modifications, duplicate information. The Florida Supplement having strike through that did not carry over or additional underlined text that was not merged between approved modifications.

Rationale

This is an effort to correlate original Mods 5024 AM, 5582 AM, 5623 AM, 5325 AS, 6007 AS, 5324 AS, 5636 AM and 5635 AS. Several of the approved modifications had duplicate information that appears to have been the result from having existing sections in the current code eliminated and that information having been placed in on “new” section. Along with what has been posted under the Florida Supplement having strike through that did not carry over or additional underlined text that was not merged between approved modifications.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact as this corrects and correlates the code

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

No impact as this corrects and correlates the code

Impact to industry relative to the cost of compliance with code

No impact as this corrects and correlates the code

Requirements

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

None - This corrects an unintended conflict based on previous actions taken to amend the Code

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

Eliminates conflicts that would otherwise be created

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

This glitch correction makes the code more effective and efficient

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

NO

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1710.5 Exterior window and door assemblies. The design pressure rating of exterior windows and doors in buildings shall be determined in accordance with Section 1710.5.1 or 1710.5.2. The design pressures, as determined from ASCE 7, are permitted to be multiplied by 0.6.

For the purposes of this section, the required design pressure shall be determined using the allowable stress design load combinations of Section 1605.3 or 1618.9 for HVHZ.

[Following relocated]

~~**Exceptions:**~~

~~1. Structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.1 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis, or Sections 1710.5.3 or 1710.5.4, or validated by an additional test of the window or door unit to the different design pressure in accordance with section 1710.5.2. All components of the alternate size unit shall be the same as the tested or labeled unit.~~

~~i. Operable windows and doors rated in this manner shall comply with the following:~~

~~1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.~~

~~2. Shall vary from the tested approved unit only in width, height or load requirements.~~

~~3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.~~

~~4. Shall not exceed 100 percent of the concentrated load at the juncture of the~~

~~intermediate members and the frame of the approved unit.~~

~~5. Shall not exceed the air and water infiltration resistance of the tested approved unit.~~

~~6. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.~~

~~ii. Non-operable windows and doors rated in this manner shall comply with the following:~~

~~1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.~~

~~2. Shall vary from the tested approved unit only in width, height or load requirements.~~

~~3. The maximum uniform load distribution (ULD) of any side shall be equal to the uniform load carried by the side divided by the length of the side.~~

~~4. The ULD of any member shall not exceed the ULD of the corresponding member of the tested approved unit.~~

~~5. The ULD of each member shall be calculated in accordance with standard engineering analysis.~~

~~6. Shall not exceed the air and water infiltration resistance of the tested approved unit.~~

~~7. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.~~

~~2. For window and door units tested in accordance with Section 1710.5.2, structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.2 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with Section 1710.5.2. All components of the alternate size unit shall be the same as the tested unit. Where engineering analysis is used, the glass shall comply with Section 2403.~~

~~3. Custom doors. Custom (one-of-a-kind) exterior door assemblies shall be tested by an approved testing laboratory or be engineered in accordance with accepted engineering practices.~~

1710.5.1 Exterior windows and doors. Exterior windows and doors shall be tested by an approved independent testing laboratory, and shall be labeled to indicate compliance with the requirements of one ~~on~~ of the following specifications: ANSI/AAMA/NWWDA 101/I.S. 2 or ANSI/AAMA/WDMA/101/I.S.2/NAFS or WDMA/CSA101/I.S.2/A440 or TAS 202(HVHZ shall comply with TAS 202 utilizing ASTME 1300~~-98 or ASTME 1300-04~~ or Section 2404

1710.5.1.1 Exterior windows and doors shall be labeled with a permanent label, marking, or etching providing traceability to the manufacturer and product. The following shall also be required either on a permanent label or on a temporary supplemental label applied by the manufacturer: information identifying the manufacturer, the product model/series number, positive and negative design pressure rating, product maximum size, glazing thickness, impact-resistance rating if applicable, Florida Product Approval number or Miami-Dade Product Approval number, applicable test standard(s), and approved product certification agency, testing laboratory, evaluation entity or Miami-Dade Product Approval.

The labels are limited to one design pressure rating per reference standard. The temporary supplemental label shall remain on the window or door until final approval by the building official.

[following relocated and section number added]

1710.5.1.2 Glass Strength: Products tested and labeled as conforming to ANSI/AAMA/NWWDA 101/ I.S.2 or ANSI/AAMA/WDMA/101/ I.S.2/NAFS or AAMA/WDMA/CSA 101/I.S.2/A440 or TAS 202 shall not be subject to the requirements of Sections 2403.2 or 2403.3 or 2404.1. Determination of load resistance of glass for specific loads of products not tested and certified in accordance with Section 1710.5.2.1 shall be designed to comply with ASTM E 1300 in accordance with Section 2404.

Exceptions:

1. Door assemblies installed in nonhabitable areas where the door assembly and area are designed to accept water infiltration need not be tested for water infiltration.

2. Door assemblies installed where the overhang (OH) ratio is equal to or more than 1 need not be tested for water infiltration. The overhang ratio shall be calculated by the following equation:
OH ratio = OH Length/OH Height

Where:

OH length = The horizontal measure of how far an overhang over a door projects out from door surface.

OH height = The vertical measure of the distance from the door sill to the bottom of the overhang over a door.

3. Structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.1 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with section 1710.5.1. All components of the alternate size unit shall be the same as the tested or labeled unit.

i. Operable windows and doors rated in this manner shall comply with the following:

1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.

2. Shall vary from the tested approved unit only in width, height or load requirements.

3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.

4. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.

5. Shall not exceed the air and water infiltration resistance of the tested approved unit.

6. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.

ii. Non-operable windows and doors rated in this manner shall comply with the following:

1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.

2. Shall vary from the tested approved unit only in width, height or load requirements.

3. The maximum uniform load distribution (ULD) of any side shall be equal to the uniform load carried by the side divided by the length of the side.

4. The ULD of any member shall not exceed the ULD of the corresponding member of the tested approved unit.

5. The ULD of each member shall be calculated in accordance with standard engineering analysis.

6. Shall not exceed the air and water infiltration resistance of the tested approved unit.

7. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and 203 or ASTM E 1886 and ASTM E 1996 where applicable.

4. For window and door units tested in accordance with Section 1710.5.2, structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.2 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with Section 1710.5.2. All components of the alternate size unit shall be the same as the tested unit.

Where engineering analysis is used, the glass shall comply with Section 2403, and sub-section i and ii of section 3) above.

5 ~~3~~ Pass-through windows for serving from a single-family kitchen, where protected by a roof overhang of 5 feet (1.5 m) or more shall be exempted from the requirements of the water infiltration test.

[following section relocated]

~~**Glass Strength:** Products tested and labeled as conforming to ANSI/AAMA/NWWDA 101/ I.S.2 or ANSI/AAMA/WDMA/101/ I.S.2/NAFS or AAMA/WDMA/CSA 101/I.S.2/A440 or TAS 202 shall not be subject to the requirements of Sections 2403.2 or 2403.3 or 2404.1. Determination of load resistance of glass for specific loads of products not tested and certified in accordance with Section 1710.5.2.1 shall be designed to comply with ASTM E 1300 in accordance with Section 2404~~

1710.5.2 Exterior windows and door assemblies not provided for in Section 1710.5.1.
Exterior window and door assemblies shall be tested in accordance with ASTM E 330 or TAS202. HVHZ shall comply with TAS202. ~~Structural performance of garage doors and rolling doors shall be determined in accordance with either ASTM E 330 or ANSI/DASMA 108, and shall meet the acceptance criteria of ANSI/DASMA 108. HVHZ shall comply with TAS202~~. Exterior window and door assemblies containing glass shall comply with Section 2403. The design pressure for testing shall be calculated in accordance with Chapter 16. Each assembly shall be tested for 10 seconds at a load equal to 1.5 times the design pressure (HVHZ shall comply with TAS202).

Exceptions:

1. Door assemblies installed in nonhabitable areas where the door assembly and area are designed to accept water infiltration, need not be tested for water infiltration.

2. Door assemblies installed where the overhang (OH) ratio is equal to or more than 1 need not be tested for water infiltration. The overhang ratio shall be calculated by the following equation:

OH ratio = OH Length/OH Height

where:

OH Length = The horizontal measure of how far an overhang over a door projects out from the door's surface.

OH Height = The vertical measure of the distance from the door's sill to the bottom of the overhang over a door.

~~3. Structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.1 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with section 1710.5.1. All components of the alternate size unit shall be the same as the tested or labeled unit.~~

~~i. Operable windows and doors rated in this manner shall comply with the following:~~

~~1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.~~

~~2. Shall vary from the tested approved unit only in width, height or load requirements.~~

~~3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.~~

~~4. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.~~

~~5. Shall not exceed the air and water infiltration resistance of the tested approved unit.~~

~~6. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.~~

~~ii. Non-operable windows and doors rated in this manner shall comply with the following:~~

~~1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.~~

~~2. Shall vary from the tested approved unit only in width, height or load requirements.~~

~~3. The maximum uniform load distribution (ULD) of any side shall be equal to the uniform load carried by the side divided by the length of the side.~~

~~4. The ULD of any member shall not exceed the ULD of the corresponding member of the tested approved unit.~~

~~5. The ULD of each member shall be calculated in accordance with standard engineering analysis.~~

~~6. Shall not exceed the air and water infiltration resistance of the tested approved unit.~~

~~7. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and 203 or ASTM E 1886 and ASTM E 1996 where applicable.~~

~~4. For window and door units tested in accordance with Section 1710.5.2, structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.2 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with Section 1710.5.2. All components of the alternate size unit shall be the same as the tested unit. Where engineering analysis is used, the glass shall comply with Section 2403, and sub-section i and ii of section 3) above.~~

3. Custom doors. Custom (one-of-a-kind) exterior door assemblies shall be tested by an approved testing laboratory or be engineered in accordance with accepted engineering practices.

1710.5.2.1 Sectional garage doors and rolling doors. 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 sectional garage doors and rolling doors tested in accordance with ASTM E 330, acceptance criteria shall be in accordance with ANSI/DASMA 108. (HVHZ shall comply with TAS 202.) Design pressures shall be determined from Table 1609.7(1) or ASCE 7. The design pressures, as determined from ASCE 7, are permitted to be multiplied by 0.6.

1710.5.2.1.1 Garage door labeling. Garage doors shall be labeled with a permanent label provided by the garage door manufacturer. The label shall identify the garage door manufacturer, the garage door model/series number, the positive and negative design pressure rating, indicate impact rated if applicable, the installation instruction drawing

reference number, the Florida Product Approval or Miami-Dade Product Approval number if applicable, and the applicable test standards. The required garage door components for an approved garage door assembly may be indicated using a checklist form on the label. If a checklist format is used on the label, the door installer or the garage door manufacturer shall mark the selected components on the checklist that are required to assemble an approved garage door system.

~~**1710.5.3** Comparative analysis of operative windows and glazed doors may be made, provided the proposed unit complies with the following:~~

~~1. Shall always be compared with a tested and currently approved unit.~~

~~2. Varies only in width, height and/or load requirements.~~

~~3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.~~

~~4. Shall conform as to extruded members, reinforcement and in all other ways with the tested approved unit.~~

~~5. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.~~

~~6. Shall not permit more air and water infiltration than the approved unit based on the height above grade.~~

~~7. Compared unit shall not exceed the maximum cyclic pressure when tested per TAS201 and TAS 203 or ASTM E 1886 and ASTM E 1996.~~ **(Mod S5024-R1 / AM)**

~~**1710.5.4** Comparative analysis of fixed glass windows may be made provided the proposed unit complies with the following:~~

~~1. Shall always be compared with a tested and currently approved unit.~~

~~2. Varies only in width, height and/or load requirements.~~

~~3. The design is identical in all respects. e.g., extrusions, glazing system, joinery, fasteners, etc.~~

~~4. Shall not permit more air and water infiltration than the approved unit based on height above grade.~~

~~5. The maximum uniform load distribution (ULD) of any side is equal to the uniform load carried by the side divided by the length of the side.~~

~~6. The ULD of any member must not exceed the ULD of the corresponding member of the tested window.~~

~~7. The uniform load distribution on each member shall be calculated in accordance to Section 2, Engineering Design Rules, of the AAMA 103.3 Procedural Guide.~~

~~8. Compared unit shall not exceed the maximum cyclic pressure when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996.~~

1710.5.5 3 Mullions. Mullions or mulled fenestration assemblies shall be tested by an approved testing laboratory in accordance with either ASTM E 330, or TAS 202 (HVHZ shall comply with TAS 202), or shall be engineered using accepted engineering practice such as AAMA 450. Mullions tested as stand-alone units or qualified by engineering shall use performance criteria cited in Sections 1710.5.3.1, 1710.5.3.2 and 1710.5.3.3.

1710.5.5 3.1 Load transfer. Mullions shall be designed to transfer the design pressure loads applied by the window and door assemblies to the rough opening substrate.

1710.5.5.3.2 Deflection. Mullions shall be capable of resisting the design pressure loads applied by the window and door assemblies to be supported without deflecting more than L/175, where L is the span of the mullion in inches.

1710.5.5 3.3 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. 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.

1710.5.6 4 Glazed curtain wall, window wall and storefront systems shall be tested in accordance with the requirements of this section and the Laboratory Test requirements of the American Architectural Manufacturers Association (AAMA) Standard 501, HVHZ shall comply with Section 2411.3.2.1.1.

1710.5.7 5 Door components evaluated by an approved product evaluation entity, certification agency, testing laboratory or engineer may be interchangeable in exterior door assemblies provided that the door components provide equal or greater structural performance as demonstrated by accepted engineering practices.

1710.6 Skylights and sloped glazing. Skylights and sloped glazing shall comply with the requirements of Chapter 24. All skylights and sloped glazing in the HVHZ shall comply with TAS202.

1710.7 Test specimens. Test specimens and construction shall be representative of the materials, workmanship and details normally used in practice. The properties of the materials used to construct the test assembly shall be determined on the basis of tests on samples taken from the load assembly or on representative samples (when TAS202 is used, a minimum of three specimens) of the materials used to construct the load test assembly. Required tests shall be conducted or witnessed by an *approved agency*.

1710.5 Exterior window and door assemblies. The design pressure rating of exterior windows and doors in buildings shall be determined in accordance with Section 1710.5.1 or 1710.5.2. The design pressures, as determined from ASCE 7, are permitted to be multiplied by 0.6.
For the purposes of this section, the required design pressure shall be determined using the allowable stress design load combinations of Section 1605.3 or 1618.9 for HVHZ.

[Following relocated]

~~**Exceptions:**~~

~~1. Structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.1 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis, or Sections 1710.5.3 or 1710.5.4, or validated by an additional test of the window or door unit to the different design pressure in accordance with section 1710.5.2. All components of the alternate size unit shall be the same as the tested or labeled unit.~~

~~i. Operable windows and doors rated in this manner shall comply with the following:~~
~~1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.~~
~~2. Shall vary from the tested approved unit only in width, height or load requirements.~~
~~3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.~~
~~4. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.~~
~~5. Shall not exceed the air and water infiltration resistance of the tested approved unit.~~
~~6. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.~~

~~ii. Non-operable windows and doors rated in this manner shall comply with the following:~~
~~1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.~~
~~2. Shall vary from the tested approved unit only in width, height or load requirements.~~
~~3. The maximum uniform load distribution (ULD) of any side shall be equal to the uniform load carried by the side divided by the length of the side.~~
~~4. The ULD of any member shall not exceed the ULD of the corresponding member of the tested approved unit.~~
~~5. The ULD of each member shall be calculated in accordance with standard engineering analysis.~~
~~6. Shall not exceed the air and water infiltration resistance of the tested approved unit.~~
~~7. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.~~

~~2. For window and door units tested in accordance with Section 1710.5.2, structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.2 shall be permitted to be different than the design value of the tested unit~~

~~provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with Section 1710.5.2. All components of the alternate size unit shall be the same as the tested unit. Where engineering analysis is used, the glass shall comply with Section 2403.~~

~~3. Custom doors. Custom (one of a kind) exterior door assemblies shall be tested by an approved testing laboratory or be engineered in accordance with accepted engineering practices.~~

1710.5.1 Exterior windows and doors. Exterior windows and doors shall be tested by an approved independent testing laboratory, and shall be labeled to indicate compliance with the requirements of one ~~on~~ of the following specifications: ANSI/AAMA/NWWDA 101/I.S. 2 or ANSI/AAMA/WDMA/101/I.S.2/NAFS or WDMA/CSA101/I.S.2/A440 or TAS 202(HVHZ shall comply with TAS 202 utilizing ASTME 1300~~-98 or ASTME 1300-04~~ or Section 2404

1710.5.1.1 Exterior windows and doors shall be labeled with a permanent label, marking, or etching providing traceability to the manufacturer and product. The following shall also be required either on a permanent label or on a temporary supplemental label applied by the manufacturer: information identifying the manufacturer, the product model/series number, positive and negative design pressure rating, product maximum size, glazing thickness, impact-resistance rating if applicable, Florida Product Approval number or Miami-Dade Product Approval number, applicable test standard(s), and approved product certification agency, testing laboratory, evaluation entity or Miami-Dade Product Approval.

The labels are limited to one design pressure rating per reference standard. The temporary supplemental label shall remain on the window or door until final approval by the building official.

[following relocated and section number added]

1710.5.1.2 Glass Strength: Products tested and labeled as conforming to ANSI/AAMA/NWWDA 101/ I.S.2 or ANSI/AAMA/WDMA/101/ I.S.2/NAFS or AAMA/WDMA/CSA 101/I.S.2/A440 or TAS 202 shall not be subject to the requirements of Sections 2403.2 or 2403.3 or 2404.1. Determination of load resistance of glass for specific loads of products not tested and certified in accordance with Section 1710.5.2.1 shall be designed to comply with ASTM E 1300 in accordance with Section 2404.

Exceptions:

1. Door assemblies installed in nonhabitable areas where the door assembly and area are designed to accept water infiltration need not be tested for water infiltration.

2. Door assemblies installed where the overhang (OH) ratio is equal to or more than 1 need not be tested for water infiltration. The overhang ratio shall be calculated by the following equation:
OH ratio = OH Length/OH Height

Where:

OH length = The horizontal measure of how far an overhang over a door projects out from door surface.

OH height = The vertical measure of the distance from the door sill to the bottom of the overhang over a door.

3. Structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.1 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with section 1710.5.1. All components of the alternate size unit shall be the same as the tested or labeled unit.

i. Operable windows and doors rated in this manner shall comply with the following:
1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.
2. Shall vary from the tested approved unit only in width, height or load requirements.
3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.
4. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.
5. Shall not exceed the air and water infiltration resistance of the tested approved unit.
6. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.

ii. Non-operable windows and doors rated in this manner shall comply with the following:
1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.

2. Shall vary from the tested approved unit only in width, height or load requirements.
3. The maximum uniform load distribution (ULD) of any side shall be equal to the uniform load carried by the side divided by the length of the side.
4. The ULD of any member shall not exceed the ULD of the corresponding member of the tested approved unit.
5. The ULD of each member shall be calculated in accordance with standard engineering analysis.
6. Shall not exceed the air and water infiltration resistance of the tested approved unit.
7. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and 203 or ASTM E 1886 and ASTM E 1996 where applicable.

4. For window and door units tested in accordance with Section 1710.5.2, structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.2 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with Section 1710.5.2. All components of the alternate size unit shall be the same as the tested unit. Where engineering analysis is used, the glass shall comply with Section 2403, and sub-section i and ii of section 3) above.

5 ~~3~~ Pass-through windows for serving from a single-family kitchen, where protected by a roof overhang of 5 feet (1.5 m) or more shall be exempted from the requirements of the water infiltration test.

[following section relocated]

~~**Glass Strength:** Products tested and labeled as conforming to ANSI/AAMA/NWWDA 101/ I.S.2 or ANSI/AAMA/WDMA/101/ I.S.2/NAFS or AAMA/WDMA/CSA 101/I.S.2/A440 or TAS 202 shall not be subject to the requirements of Sections 2403.2 or 2403.3 or 2404.1. Determination of load resistance of glass for specific loads of products not tested and certified in accordance with Section 1710.5.2.1 shall be designed to comply with ASTM E 1300 in accordance with Section 2404~~

1710.5.2 Exterior windows and door assemblies not provided for in Section 1710.5.1. Exterior window and door assemblies shall be tested in accordance with ASTM E 330 or TAS202. HVHZ shall comply with TAS202. ~~Structural performance of garage doors and rolling doors shall be determined in accordance with either ASTM E 330 or ANSI/DASMA 108, and shall meet the acceptance criteria of ANSI/DASMA 108. HVHZ shall comply with TAS202~~. Exterior window and door assemblies containing glass shall comply with Section 2403. The design pressure for testing shall be calculated in

accordance with Chapter 16. Each assembly shall be tested for 10 seconds at a load equal to 1.5 times the design pressure (HVHZ shall comply with TAS202).

Exceptions:

1. Door assemblies installed in nonhabitable areas where the door assembly and area are designed to accept water infiltration, need not be tested for water infiltration.

2. Door assemblies installed where the overhang (OH) ratio is equal to or more than 1 need not be tested for water infiltration. The overhang ratio shall be calculated by the following equation:

OH ratio = OH Length/OH Height

where:

OH Length = The horizontal measure of how far an overhang over a door projects out from the door's surface.

OH Height = The vertical measure of the distance from the door's sill to the bottom of the overhang over a door.

~~3. Structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.1 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with section 1710.5.1. All components of the alternate size unit shall be the same as the tested or labeled unit.~~

~~i. Operable windows and doors rated in this manner shall comply with the following:~~

~~1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.~~

~~2. Shall vary from the tested approved unit only in width, height or load requirements.~~

~~3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.~~

~~4. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.~~

~~5. Shall not exceed the air and water infiltration resistance of the tested approved unit.~~

~~6. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.~~

~~ii. Non-operable windows and doors rated in this manner shall comply with the following:~~

~~1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.~~

~~2. Shall vary from the tested approved unit only in width, height or load requirements.~~

~~3. The maximum uniform load distribution (ULD) of any side shall be equal to the uniform load carried by the side divided by the length of the side.~~

~~4. The ULD of any member shall not exceed the ULD of the corresponding member of the tested approved unit.~~

~~5. The ULD of each member shall be calculated in accordance with standard engineering analysis.~~

~~6. Shall not exceed the air and water infiltration resistance of the tested approved unit.~~

~~7. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and 203 or ASTM E 1886 and ASTM E 1996 where applicable.~~

~~4. For window and door units tested in accordance with Section 1710.5.2, structural wind load design pressures for window and door units other than the size tested in accordance with Section 1710.5.2 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with Section 1710.5.2. All components of the alternate size unit shall be the same as the tested unit. Where engineering analysis is used, the glass shall comply with Section 2403, and sub-section i and ii of section 3) above.~~

3. Custom doors. Custom (one-of-a-kind) exterior door assemblies shall be tested by an approved testing laboratory or be engineered in accordance with accepted engineering practices.

1710.5.2.1 Sectional garage doors and rolling doors. 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 sectional garage doors and rolling doors tested in accordance with ASTM E 330, acceptance criteria shall be in accordance with ANSI/DASMA 108. (HVHZ shall comply with TAS 202.) Design pressures shall be determined from Table 1609.7(1) or ASCE 7. The design pressures, as determined from ASCE 7, are permitted to be multiplied by 0.6.

1710.5.2.1.1 Garage door labeling. Garage doors shall be labeled with a permanent label provided by the garage door manufacturer. The label shall

identify the garage door manufacturer, the garage door model/series number, the positive and negative design pressure rating, indicate impact rated if applicable, the installation instruction drawing reference number, the Florida Product Approval or Miami-Dade Product Approval number if applicable, and the applicable test standards. The required garage door components for an approved garage door assembly may be indicated using a checklist form on the label. If a checklist format is used on the label, the door installer or the garage door manufacturer shall mark the selected components on the checklist that are required to assemble an approved garage door system.

~~**1710.5.3** Comparative analysis of operative windows and glazed doors may be made, provided the proposed unit complies with the following:~~

~~1. Shall always be compared with a tested and currently approved unit.~~

~~2. Varies only in width, height and/or load requirements.~~

~~3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.~~

~~4. Shall conform as to extruded members, reinforcement and in all other ways with the tested approved unit.~~

~~5. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.~~

~~6. Shall not permit more air and water infiltration than the approved unit based on the height above grade.~~

~~7. Compared unit shall not exceed the maximum cyclic pressure when tested per TAS201 and TAS 203 or ASTM E 1886 and ASTM E 1996.~~ ~~**(Mod S5024-R1 / AM)**~~

~~**1710.5.4** Comparative analysis of fixed glass windows may be made provided the proposed unit complies with the following:~~

~~1. Shall always be compared with a tested and currently approved unit.~~

~~2. Varies only in width, height and/or load requirements.~~

~~3. The design is identical in all respects. e.g., extrusions, glazing system, joinery, fasteners, etc.~~

~~4. Shall not permit more air and water infiltration than the approved unit based on height above grade.~~

~~5. The maximum uniform load distribution (ULD) of any side is equal to the uniform load carried by the side divided by the length of the side.~~

~~6. The ULD of any member must not exceed the ULD of the corresponding member of the tested window.~~

~~7. The uniform load distribution on each member shall be calculated in accordance to Section 2, Engineering Design Rules, of the AAMA 103.3 Procedural Guide.~~

~~8. Compared unit shall not exceed the maximum cyclic pressure when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996.~~

1710.5.~~5~~ 3 Mullions. Mullions or mulled fenestration assemblies shall be tested by an approved testing laboratory in accordance with either ASTM E 330, or TAS 202 (HVHZ shall comply with TAS 202), or shall be engineered using accepted engineering practice such as AAMA 450. Mullions tested as stand-alone units or qualified by engineering shall use performance criteria cited in Sections 1710.5.3.1, 1710.5.3.2 and 1710.5.3.3.

1710.5.~~5~~ 3.1 Load transfer. Mullions shall be designed to transfer the design pressure loads applied by the window and door assemblies to the rough opening substrate.

1710.5.~~5~~.3.2 Deflection. Mullions shall be capable of resisting the design pressure loads applied by the window and door assemblies to be supported without deflecting more than L/175, where L is the span of the mullion in inches.

1710.5.~~5~~ 3.3 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. 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.

1710.5.~~6~~ 4 Glazed curtain wall, window wall and storefront systems shall be tested in accordance with the requirements of this section and the Laboratory Test requirements of the American Architectural Manufacturers Association (AAMA) Standard 501, HVHZ shall comply with Section 2411.3.2.1.1.

1710.5.~~7~~ 5 Door components evaluated by an approved product evaluation entity, certification agency, testing laboratory or engineer may be interchangeable in exterior door assemblies provided that the door components provide equal or greater structural performance as demonstrated by accepted engineering practices.

1710.6 Skylights and sloped glazing. Skylights and sloped glazing shall comply with the requirements of Chapter 24. All skylights and sloped glazing in the HVHZ shall comply with TAS202.

1710.7 Test specimens. Test specimens and construction shall be representative of the materials, workmanship and details normally used in practice. The properties of the materials used to construct the test assembly shall be determined on the basis of tests on samples taken from the load assembly or on representative samples (when TAS202 is used, a minimum of three specimens) of the materials used to construct the load test assembly. Required tests shall be conducted or witnessed by an *approved agency*.

Date Submitted	4/27/2013	**Section**	1801.1	**Proponent**	T Stafford
Chapter	18	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. All the HVHZ provisions in Chapter 18 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1801.1 Scope. The provisions of this chapter shall apply to building and foundation systems.

~~**Exception:** Buildings and structures located within the high-velocity hurricane zone shall comply with the provisions of Section 1805, and Sections 1816 through 1834.and as applicable in flood hazard areas, Section 1612.~~

Date Submitted	4/27/2013	**Section**	1804.5	**Proponent**	T Stafford
Chapter	18	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. Section 1705 has been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Corrects an incorrect section reference.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1804.5 Compacted fill material. (no change)

Exception: Compacted fill material 12 inches (305 mm) in depth or less need not comply with an *approved* report, provided the in-place dry density is not less than 90 percent of the maximum dry density at optimum moisture content determined in accordance with ASTM D 1557. ~~The compaction shall be verified by *special inspection* in accordance with Section 1705.6.~~

Date Submitted	4/27/2013	**Section**	1810.4.12	**Proponent**	T Stafford
Chapter	18	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. Section 1705 has been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Corrects an incorrect section reference.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1810.4.12 Special inspection.Reserved

~~***Special inspections*** **in accordance with Sections 1705.7 and 1705.8 shall be provided for driven and cast-in-place deep foundation elements, respectively.** ~~***Special inspections***~~ **in accordance with Section 1705.9 shall be provided for helical piles.**~~

Date Submitted	4/27/2013	**Section**	1901.4	**Proponent**	T Stafford
Chapter	19	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. The special inspection provisions of Chapter 17 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Corrects an incorrect section reference.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1901.4 Special inspection.Reserved.

~~The *special inspection* of concrete elements of buildings and structures and concreting operations shall be as required by Chapter 17.~~

Date Submitted	4/27/2013	**Section**	1908.5	**Proponent**	T Stafford
Chapter	19	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. The special inspection provisions of Chapter 17 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Corrects an incorrect section reference.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1908.5 Increase for special inspection.Reserved

~~Where *special inspection* is provided for the installation of anchors, a 100-percent increase in the allowable tension values of Table 1908.2 is permitted. No increase in shear value is permitted~~.

Date Submitted	4/18/2013	**Section**	1917.4.10	**Proponent**	Michael Goolsby
Chapter	19	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Remove guidance to an HVHZ section which has been deleted and to provide guidance to an applicable HVHZ section for wind design.

Rationale

Delete an HVHZ section which will not exist in the next edition of the code and to add a reference to the applicable HVHZ section for wind design.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None. clarifies applicable section references.

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

None. clarifies applicable section references.

Impact to industry relative to the cost of compliance with code

None. clarifies applicable section references.

Requirements

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

Yes, ensures guidance to applicable code sections.

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

Yes, ensures guidance to applicable code sections.

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

No, simply provides guidance to applicable code sections.

Does not degrade the effectiveness of the code

No, simply provides guidance to applicable code sections.

Is the proposed code modification part of a prior code version? No

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1917.4.10 Insulation board with lightweight insulating concrete shall conform to Type I expanded polystyrene insulation as defined in ASTM C 578.

1. Packaged insulation board delivered to the job site shall comply with the provisions of Section 2603.2 ~~or Section 2613.1.3~~.

2. Installation of insulating board in conjunction with lightweight insulating concrete shall comply with uplift requirements set forth in Section 1609 (Section 1620 for the High Velocity Hurricane Zone). Insulation panels shall be placed in a minimum $^{1}/_{8}$-inch (3.2 mm) slurry of insulating concrete while the material is still in a plastic state. The insulating concrete shall be cast over the insulation boards according to the insulating concrete manufacturer's Product Approval. Insulation panels shall be provided with holes and/or slots for keying and venting.

Date Submitted	4/18/2013	**Section**	1917.4.8	**Proponent**	Michael Goolsby
Chapter	19	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Provide guidance to applicable HVHZ section.

Rationale

To provide guidance to an applicable HVHZ section.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None. Simply provides guidance to a section applicable in the HVHZ.

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

None. Simply provides guidance to a section applicable in the HVHZ.

Impact to industry relative to the cost of compliance with code

None. Simply provides guidance to a section applicable in the HVHZ.

Requirements

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

Yes, by providing guidance to the applicable HVHZ section for wind design.

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

Yes, provides guidance to the correct wind design section for the HVHZ.

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

No

Does not degrade the effectiveness of the code

No, improves effectiveness of the code by providing guidance to the applicable wind design section for the HVHZ.

Is the proposed code modification part of a prior code version? No

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1917.4.8 All base ply fasteners for use in lightweight insulating concrete roof decks shall have a Product Approval for use with the specific lightweight insulating concrete roof system in compliance with manufacturer's recommendations and the design pressure of Section 1609 (Section 1620 for the High Velocity Hurricane Zone).

Date Submitted	4/27/2013	**Section**	2002.2	**Proponent**	Joseph Belcher
Chapter	20	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Correct Section number.

Rationale

Corrects Section number.

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

Corrects section number.

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

Corrects section number.

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

Corrects section number.

Is the proposed code modification part of a prior code version? No

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6232 Text Modification

Change Section number 2002.2.1

Date Submitted	4/18/2013	**Section**	2002	**Proponent**	Ken Cureton
Chapter	20	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

None

Summary of Modification

Add new section 2002.7 to incorporate Rule 61G20-1.002 into the FBC for consistency with Rule 61G20-1.002 and Section 553.73(17), Florida Statutes .

Rationale

Revision to incorporate Rule 61G20-1.002 into the FBC for consistency with Rule 61G20-1.002 and Section 553.73(17), Florida Statutes (see attached).

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

Yes

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

Yes

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

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

Does not degrade the effectiveness of the code

Does not degrade the effectiveness of the code.

Is the proposed code modification part of a prior code version? No

- [ ] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [X] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

FBC, Building

Add new section 2002.7 to read as follows:

2002.7 Alternative Design Method for Screen Enclosure.

(1) The purpose of this ~~Rule~~ Section is to provide an alternate method for designing aluminum screen enclosures as defined by the Florida Building Code, permitting the loads of the structural frame to be based on portions of the screen in the screen walls removed, retracted, moved to the open position, or cut. The use of framing materials other than aluminum is allowed in accordance with Section 104.11 The method applies only to walls and roofs with 100% screen.

(a) Screen enclosure frames designed in accordance with the screen removal alternates of this Section, shall be designed using signed and sealed site-specific engineering and shall be designed in accordance with the wind load provisions of Section 1609.1.1,

(b) Designs that consider these screen alternates shall comply with Section 2002.4 and Table 2002.4, using the 110 mph column as modified by Table 2002.4A with all screen panels in place.

(c) Designs using strength design or load and resistance factor design in accordance with Section 1605.2 or allowable stress design methods of Section 1605.3.1 shall be permitted.

(d) The design shall be by rational analysis or by 3D Finite Element Analysis. Either method will be acceptable.

(2) Where screen enclosures are designed in accordance with the screen removal alternates of this Section, removable screen may consist of removable panels, retractable panels, or by designating specific screen panels in the design in which the screen is to be removed by cutting the screen. Removable panels shall be removed, retractable panels shall be placed in the retracted position without increasing the load on the affected area. Screen designated in the design to be cut shall be completely cut when wind speeds are forecast to exceed 75 mph.

(3) Where screen enclosures designed in accordance with the screen removal alternates of this Section serve as the barrier required by Section 454.2.17 the required minimum height of the barrier shall be maintained when screen panels are retracted, removed, moved to the open position, or cut.

(4) Where screen enclosures are designed in accordance with the screen removal alternates of this Section, retractable screen panels, removable screen panels, and screen panels identified to be cut shall be clearly identified on adjacent structural members with highly visible permanent labels, at each panel, or by other means approved by the local building department.

(5) Where screen enclosures are designed in accordance with the screen removal alternates of this Section, the retraction of screen panels, removal of screen panels, or cutting of screen panels shall not require the use of ladders or scaffolding.

(6) Engineering documents submitted with building permit applications shall identify the panels to be removed, retracted, opened, or cut.

(7) Where screen enclosures are designed in accordance with the screen removal alternates of this Section based on removing screen panels by cutting the screen, the contractor shall provide replacement screen for a one-time replacement of all screen and spline designated by the design to be cut.

(8) Where screen enclosures are designed in accordance with the screen removal alternates of this Section, the contractor shall provide written notice to the owner and the local building code enforcement department that the owner must retract, remove, or cut a panel or panels of the screen enclosure in accordance with the project engineering design or the manufacturer's instructions when wind speeds are expected to exceed 75 mph.

GLITCH MOD NO. 6078 ATTACHMENT A1

61G20-1.002 Alternative Design Method for Screen Enclosure.

(1) The purpose of this Rule is to provide an alternate method for designing aluminum screen enclosures as defined by the Florida Building Code, permitting the loads of the structural frame to be based on portions of the screen in the screen walls removed, retracted, moved to the open position, or cut. The use of framing materials other than aluminum is allowed in accordance with Section 104.11 of the Florida Building Code, Building Volume, incorporated herein by reference, effective August 2011, as adopted in Rule 61G20-1.001, F.A.C. The method applies only to walls and roofs with 100% screen. The provisions of Chapter 1 of the Florida Building Code, Building Volume, shall govern the administration and enforcement of this Rule.

(a) Screen enclosure frames designed in accordance with the screen removal alternates of this rule, shall be designed using signed and sealed site-specific engineering and shall be designed in accordance with the wind load provisions of the Florida Building Code, Section 1609.1.1, incorporated herein by reference, as adopted in Rule 61G20-1.001, F.A.C.

(b) Designs that consider these screen alternates shall comply with Florida Building Code, Building Volume, Section 2002.4 and Table 2002.4, incorporated herein by reference, as adopted in Rule 61G20-1.001, F.A.C., using the 110 mph column as modified by Table 2002.4A, incorporated herein by reference, as adopted in Rule 61G20-1.001, , F.A.C., with all screen panels in place.

(c) Designs using strength design or load and resistance factor design in accordance with the Florida Building Code, Building Volume, Section 1605.2, incorporated herein by reference, as adopted in Rule 61G20-1.001, F.A.C., or allowable stress design methods of the Florida Building Code, Building Volume, Section 1605.3.1 incorporated herein by reference, as adopted in Rule 61G20-1.001, F.A.C., shall be permitted.

(d) The design shall be by rational analysis or by 3D Finite Element Analysis. Either method will be acceptable.

(2) Where screen enclosures are designed in accordance with the screen removal alternates of this rule, removable screen may consist of removable panels, retractable panels, or by designating specific screen panels in the design in which the screen is to be removed by cutting the screen. Removable panels shall be removed, retractable panels shall be placed in the retracted position without increasing the load on the affected area. Screen designated in the design to be cut shall be completely cut when wind speeds are forecast to exceed 75 mph.

(3) Where screen enclosures designed in accordance with the screen removal alternates of this rule serve as the barrier required by the Florida Building Code at Sections 424.2.17 and R4101.17.1, incorporated herein by reference, as adopted in Rule 61G20-1.001, F.A.C., the required minimum height of the barrier shall be maintained when screen panels are retracted, removed, moved to the open position, or cut.

(4) Where screen enclosures are designed in accordance with the screen removal alternates of this rule, retractable screen panels, removable screen panels, and screen panels identified to be cut shall be clearly identified on adjacent structural members with highly visible permanent labels, at each panel, or by other means approved by the local building department.

(5) Where screen enclosures are designed in accordance with the screen removal alternates of this rule, the retraction of screen panels, removal of screen panels, or cutting of screen panels shall not require the use of ladders or scaffolding.

(6) Engineering documents submitted with building permit applications shall identify the panels to be removed, retracted, opened, or cut.

(7) Where screen enclosures are designed in accordance with the screen removal alternates of this rule based on removing screen panels by cutting the screen, the contractor shall provide replacement screen for a one-time replacement of all screen and spline designated by the design to be cut.

(8) Where screen enclosures are designed in accordance with the screen removal alternates of this rule, the contractor shall provide written notice to the owner and the local building code enforcement department that the owner must retract, remove, or cut a panel or panels of the screen enclosure in accordance with the project engineering design or the manufacturer's instructions when wind speeds are expected to exceed 75 mph.

Rulemaking Authority Chapter 2012-13, Section 19, Laws of Florida, 553.76, 553.77 FS. Law Implemented Chapter 2012-13, Section 19, Laws of Florida, 553.76, 553.77 FS. History–New 4-25-13.

GLITCH MOD NO. 6078 ATTACHMENT A2

Section 553.73 Florida Statutes

(17) The provisions of section R313 of the most current version of the International Residential Code relating to mandated fire sprinklers may not be incorporated into the Florida Building Code as adopted by the Florida Building Commission and may not be adopted as a local amendment to the Florida Building Code. This subsection does not apply to a local government that has a lawfully adopted ordinance relating to fire sprinklers which has been in effect since January 1, 2010.

[1]**Note.**—Section 19, ch. 2012-13, provides that:

"The Florida Building Commission shall establish a workgroup to assist the commission in developing a rule for implementing an alternative design method for screen enclosures which allows for the removal of a section of the screen to accommodate high-wind events consistent with the provisions of the Florida Building Code.

(1) The workgroup shall be comprised of the following representatives:

(a) Two members who represent the screen enclosure manufacturing industry;

(b) Two members who represent the aluminum contractors industry;

(c) One member who represents the Florida Home Builders Association;

(d) One member who represents the Florida Swimming Pool Association;

(e) Three members who represent the Building Officials Association of Florida;

(f) One member who represents the building products industry; and

(g) One member who is employed as a structural engineer.

(2) The workgroup shall address the following factors to be included in the rule:

(a) An alternative design method for a screen enclosure that is site-specific engineered;

(b) A screen enclosure design using the alternative method that serves as a barrier that is required for a swimming pool and remains in place at the minimum height required for the barrier;

(c) A screen enclosure design using clear, highly visible labels for panels that can be cut, retracted, or removed when winds are forecasted to exceed 75 mph;

(d) A design for a screen that can be removed, cut, or retracted without the use of a ladder or scaffolding;

(e) A requirement that the contractor provide replacement screen at the initial point of sale to repair the screen enclosure for designs that require cutting; and

(f) An alternative design for a screen enclosure that requires the contractor to provide notice to the homeowner and the local building department that the homeowner must cut, retract, or remove a panel or panels of the screen enclosure in accordance with engineering or manufacturer's instructions when wind speeds are expected to exceed 75 mph.

(3) The Florida Building Commission shall appoint the workgroup no later than 15 days after the effective date of this act to draft a proposed rule. Rulemaking must be initiated pursuant to chapter 120, Florida Statutes, as soon as practicable after appointment of the workgroup. The commission shall file a notice of pro-posed rule by October 1, 2012. The Florida Building Code Commission shall file the rule for adoption by January 2, 2013, unless the commission files a letter on or before that date with the Joint Administrative Procedures Committee explaining the reasons for not completing rulemaking. Upon final adoption of the rule, the Florida Building Commission shall incorporate these requirements into the next version of the Florida Building Code. This section expires upon adoption of the rule and its inclusion in the Florida Building Code."

Date Submitted	4/27/2013	**Section**	2101.2.3	**Proponent**	T Stafford
Chapter	21	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. The special inspection provisions of Chapter 17 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Corrects an incorrect section reference.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

2101.2.3 Prestressed masonry. Prestressed masonry shall be designed in accordance with Chapters 1 and 4 of TMS 402/ACI 530/ASCE 5 and Section 2106. ~~*Special inspection* during construction shall be provided as set forth in Section 1705.4.~~

Date Submitted	4/27/2013	**Section**	2204	**Proponent**	T Stafford
Chapter	21	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. The special inspection provisions of Chapter 17 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Corrects an incorrect section reference.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

2204.1 Welding. The details of design, workmanship and technique for welding, inspection of welding and qualification of welding operators shall conform to the requirements of the specifications listed in Sections 2205, 2206, 2207, 2208, 2210 and 2211. ~~*Special inspection* of welding shall be provided where required by Section 1705.~~

2204.2 Bolting. The design, installation and inspection of bolts shall be in accordance with the requirements of the specifications listed in Sections 2205, 2206, 2207, 2210 and 2211. ~~*Special inspection* of the installation of high-strength bolts shall be provided where required by Section 1705.~~

Date Submitted	4/27/2013	**Section**	2211.3	**Proponent**	T Stafford
Chapter	22	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. The special inspection provisions of Chapter 17 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Corrects an incorrect section reference.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

2211.3.3 Trussses spanning 60 feet or greater.
The owner shall contract with a *registered design professional* for the design of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing for trusses with clear spans 60 feet (18 288 mm) or greater. ~~*Special inspection* of trusses over 60 feet (18 288 mm) in length shall conform to Section 1705.~~

2211.3.4 Truss quality assurance.Reserved~~Trusses not part of a manufacturing process that provides requirements for quality control done under the supervision of a third-party quality control agency, shall be manufactured in compliance with Sections 1704.2.5 and 1705.2, as applicable~~.

Date Submitted	4/27/2013	**Section**	2306.2	**Proponent**	T Stafford
Chapter	23	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. The special inspection provisions of Chapter 17 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Corrects an incorrect section reference.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

Table 2306.2(2)

Revise note g as follows:

g. Reserved~~High-load diaphragms shall be subject to special inspection in accordance with Section 1705.5.1~~.

Date Submitted	4/27/2013	**Section**	2404.3.3	**Proponent**	T Stafford
Chapter	24	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. Correlation with ASCE 7. Similar modifications are provided for other sections of Section 2404.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

2404.3.3 Vertical patterned glass.
Patterned 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 in Section 1609 (HVHZ shall comply with Section 1620) for components and cladding according to the following equation:

$0.6F_{gw} < 1.0\ F_{ge}$ **(Equation 24-9)**

where:

F_{gw}= Wind load on the glass due to ultimate design wind speed V_{ult}computed per Section 1609 (HVHZ shall comply with Section 1620).

F_{ge}= Nonfactored load from ASTM E 1300. The value for patterned glass shall be based on the thinnest part of the glass. Interpolation between nonfactored load charts in ASTM E 1300 shall be permitted.

Date Submitted	4/20/2013	**Section**	2405	**Proponent**	Dwight Wilkes
Chapter	24	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

S 5584

Summary of Modification

Correction is at 2405.5.2 equations 24-14 & 24-15. Need to correct Po to Pos and Ne to Neg

Rationale

This glitch correction makes the code more effective and efficient

Fiscal Impact Statement

Impact to local entity relative to enforcement of code
No impact as this corrects and correlates the code

Impact to building and property owners relative to cost of compliance with code
No impact as this corrects and correlates the code

Impact to industry relative to the cost of compliance with code
No impact as this corrects and correlates the code

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public
None - This corrects an unintended conflict based on previous actions taken to amend the Code

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction
Eliminates a conflict that would otherwise be created

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
This glitch correction makes the code more effective and efficient

Is the proposed code modification part of a prior code version?
YES

The provisions contained in the proposed amendment are addressed in the applicable international code?
NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?
NO

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?
NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

2405.5.2 Skylights rated for separate performance grades for positive and negative design pressure. The design of skylights rated for performance grade for both positive and negative design pressures shall be based on the following equations:

$$F_{gi} = PG_{Pos} \quad \textbf{(Equation 24-14)}$$

$$F_{go} = PG_{Neg} \quad \textbf{(Equation 24-15)}$$

where:

PG_{Pos} = Performance grade rating of the skylight under positive design pressure;

PG_{Neg} = Performance grade rating of the skylight under negative design pressure; and

2405.5.2 Skylights rated for separate performance grades for positive and negative design pressure. The design of skylights rated for performance grade for both positive and negative design pressures shall be based on the following equations:

$F_{gi} \leq PG_{Pos}$ **(Equation 24-14)**

$F_{go} \leq PG_{Neg}$ **(Equation 24-15)**

where:

PG_{Pos} = Performance grade rating of the skylight under positive design pressure;

PG_{Neg} = Performance grade rating of the skylight under negative design pressure; and

Date Submitted	4/12/2013	**Section**	2411.3.2	**Proponent**	Jaime Gascon
Chapter	24	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

S5024-A1

Summary of Modification

Correlation with comparative analysis approved in CH 17.

Rationale

The Florida Specific comparative analysis procedures clarified in chapter 17 introduce a conflict with HVHZ sections 2411.3.2.5 and 2411.3.2.6. This modification corrects the glitch by correlating the language in chapter 24 for HVHZ. Original section 2411.3.2.4 was deleted from the HVHZ base, therefore the section is being used here in order to keep similar format as chapter 17, and reserving sections 2411.3.2.5 and 2411.3.2.6.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact as this corrects and correlates sections of the code.

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

No impact as this corrects and correlates sections of the code.

Impact to industry relative to the cost of compliance with code

Saves money by eliminating a conflict in the code.

Requirements

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

None. It corrects an unintended conflict based on previous actions taken to ammend chapter 17.

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

Eliminates a conflict that would otherwise be created in the HVHZ.

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

This glitch correction makes the code more effective.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

2411.3.2.4 Structural wind load design pressures for window and door units other than the size tested in accordance with Section 2411.3.2.1 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with section 2411.3.2.1. All components of the alternate size unit shall be the same as the tested or labeled unit.

i. Operable windows and glass doors rated in this manner shall comply with the following:

1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.

2. Shall vary from the tested approved unit only in width, height or load requirements.

3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.

4. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.

5. Shall not exceed the air and water infiltration resistance of the tested approved unit.

6. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and TAS 203.

ii. Non-operable windows and glass doors rated in this manner shall comply with the following:

1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.

2. Shall vary from the tested approved unit only in width, height or load requirements.

3. The maximum uniform load distribution (ULD) of any side shall be equal to the uniform load carried by the side divided by the length of the side.

4. The ULD of any member shall not exceed the ULD of the corresponding member of the tested approved unit.

5. The ULD of each member shall be calculated in accordance with standard engineering analysis.

6. Shall not exceed the air and water infiltration resistance of the tested approved unit.

7. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and 203.

2411.3.2.5 Reserved. ~~Comparative analysis of operative windows and glazed doors may be d the proposed unit complies with the following:~~

~~1. Shall always be compared with a tested and currently approved unit.~~

~~2. Varies only in width, height and/or load requirements.~~

~~3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.~~

~~4. Shall conform as to extruded members, reinforcement and in all other ways with the tested approved unit.~~

~~5. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.~~

~~6. Shall not permit more air and water infiltration than the approved unit based on the height above grade.~~

~~7. Compared unit shall not exceed the maximum cyclic pressure when tested per TAS 203.~~

2411.3.2.6 Reserved. ~~Comparative analysis of fixed glass windows may be made provided the proposed unit complies with the following:~~

~~1. Shall always be compared with a tested and currently approved unit.~~

~~2. Varies only in width, height and/or load requirements.~~

~~3. The design is identical in all respects. e.g., extrusions, glazing system, joinery, fasteners, etc.~~

~~4. Shall not permit more air and water infiltration than the approved unit based on height above grade.~~

~~5. The maximum uniform load distribution (ULD) of any side is equal to the uniform load carried by the side divided by the length of the side.~~

~~6. The ULD of any member must not exceed the ULD of the corresponding member of the tested window.~~

~~7. The uniform load distribution on each member shall be calculated in accordance to Section 2, Engineering Design Rules, of the AAMA 103.3 Procedural Guide .~~

~~8. Compared unit shall not exceed the maximum cyclic pressure when tested per TAS 203.~~

Date Submitted	4/27/2013	**Section**	3304.1.4	**Proponent**	T Stafford
Chapter	41	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code.

Rationale

Conflict with updated code. The special inspection provisions of Chapter 17 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

Corrects and incorrect section reference.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

3304.1.4 Fill supporting foundations.

Fill to be used to support the foundations of any building or structure shall comply with Section 1804.5. ~~*Special inspections* of compacted fill shall be in accordance with Section 1704.7.~~

Date Submitted	4/21/2013	**Section**	3501	**Proponent**	Dwight Wilkes
Chapter	35	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

5674-A-1, 5893

Summary of Modification

Change Waldon to Walden. Change 101/I.S.2/NAFS-02 to: Voluntary Performance Specifications for Windows, Skylights, and Glass Doors. Change AAMA 506-06 or 08 or 11Voluntary Specifications for Impact and Cycle Testing of Fenestration Products. Strike through the Second reference to AAMA/NPEA/NSF 2100

Rationale

Typos and spelling errors

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact as this corrects and correlates the code

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

No impact as this corrects and correlates the code

Impact to industry relative to the cost of compliance with code

No impact as this corrects and correlates the code

Requirements

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

None - This corrects an unintended conflict based on previous actions taken to amend the Code

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

Eliminates a conflict that would otherwise be created

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

This glitch correction makes the code more effective and efficient

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

NO

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

AAMA American Architectural Manufacturers Association

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Schaumburg, IL 60173-4268

Standard reference number	Title	Referenced in code section number
AAMA/NPEA/NSA 2100-11 (S5893 AS)	Voluntary Specifications for Sunrooms	202, 2002.6
101/I.S.2-97	Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors	1008.1.7, 1710.5.1, 1710.5.3, 2411.3.2.1
101/I.S.2/NAFS-02	~~Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors~~ Voluntary Performance Specifications for Windows, Skylights and Glass Doors	1710.5.3, Table 1710.5.2, 2411.3.2.1
AAMA 2502-07	Comparative Analysis Procedure for Window and Door Products	1710.5.3, 2411.3.2.6
AAMA 1402-86 or 09	Standard Specifications for Aluminum Siding, Soffit and Fascia	1404.5.1
AAMA 203- 98 or 03	Procedural Guide for the Window Inspection and Notification System	1710,5,3
AAMA 501-94 or 05	Methods of Test for Exterior Walls	1710.5.6.5, 2411.3.2.1,2411.3.2.1.1, 2612.2
AAMA/WDMA/CSA101/	North American Fenestration Standard/Specifications for Windows,	1710.5.1,

I.S.2/A440-05 or 08 or 11 Doors and Skylights 1710.6, 1710.5.3, 1710.5.6.1, 1720.5.6.4,2405.5

AAMA 450-06or or 10 Voluntary Performance Rating Method for Mulled Fenestration Assemblies 1710.5.6.1

AAMA 506-06 or 08 or 11 Voluntary Specifications ~~and Test Methods for Sealants~~ for Impact and Cycle Testing of Fenestration Products 2510.8

AAMA 800-05 or 08 or 10	Voluntary Specifications and Test Methods for Sealants	2510.8

~~AAMA/NPEA/NSA (Voluntary 02) Specifications for Sunrooms 202, 2002.1~~

~~2100- 02 or 11~~

(Mod S5674-R1 / AM)

AAMA American Architectural Manufacturers Association
1827 ~~Waldoen~~ Walden Office Square, Suite 550
Schaumburg, IL 60173-4268

Standard reference number	Title	Referenced in code section number
AAMA/NPEA/NSA 2100-11 (S5893 AS)	Voluntary Specifications for Sunrooms	202, 2002.6
101/I.S.2-97	Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors	1008.1.7, 1710.5.1, 1710.5.3, 2411.3.2.1
101/I.S.2/NAFS-02	~~Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors~~ Voluntary Performance Specifications for Windows, Skylights and Glass Doors	1008.1.7, 1710.5.1, 1710.5.3, Table 1710.5.2, 2411.3.2.1
AAMA 2502-07	Comparative Analysis Procedure for Window and Door Products	1710.5.3, 2411.3.2.6
AAMA 1402-86 or 09	Standard Specifications for Aluminum Siding, Soffit and Fascia	1404.5.1
AAMA 203- 98 or 03	Procedural Guide for the Window Inspection and Notification System	1710,5,3
AAMA 501-94 or 05	Methods of Test for Exterior Walls	1710.5.6.5, 2411.3.2.1, 2411.3.2.1.1, 2612.2
AAMA/WDMA/CSA101/ I.S.2/A440-05 or 08 or 11	North American Fenestration Standard/Specifications for Windows, Doors and Skylights	1710.5.1, 1710.6, 1710.5.3, 1710.5.6.1, 1720.5.6.4, 2405.5
AAMA 450-06 or or 10	Voluntary Performance Rating Method for Mulled Fenestration Assemblies	1710.5.6.1
AAMA 506-06 or 08 or 11	Voluntary Specifications ~~and Test Methods for Sealants~~ for Impact and Cycle Testing of Fenestration Products	2510.8
AAMA 800-05 or 08 or 10	Voluntary Specifications and Test Methods for Sealants	2510.8
~~AAMA/NPEA/NSA 2100-02 or 11~~	~~(Voluntary 02) Specifications for Sunrooms~~	~~202, 2002.1~~

(Mod S5674-R1 / AM)

Date Submitted	5/1/2013	**Section**	706.3.2	**Proponent**	T Stafford
Chapter	7	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code. Correlation with ASCE 7-10

Rationale

Conflict with updated code. Correlation with ASCE 7.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version? No

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

706.3.2 Roof diaphragms resisting wind loads in high-wind regions. Where roofing materials are removed from more than 50 percent of the roof diaphragm or section of a building located where the ultimate design ~~basic~~ wind speed, Vult is greater than 115 ~~90~~ mph ~~or in a special wind region~~, as defined in Section 1609 (the HVHZ shall comply with Section 1620) of the *Florida Building Code, Building*, roof diaphragms, connections of the roof diaphragm to roof framing members, and roof-to-wall connections shall be evaluated for the wind loads specified in the *Florida Building Code, Building*, including wind uplift. If the diaphragms and connections in their current condition are not capable of resisting at least 75 percent of those wind loads, they shall be replaced or strengthened in accordance with the **loads** specified in the *Florida Building Code, Building*.

Date Submitted	5/1/2013	**Section**	708.7.1.2	**Proponent**	T Stafford
Chapter	7	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code. Revision to make ring shank nail dimensions consistent throughout the Florida Building Codes.

Rationale

Conflict with updated code. This revision makes the dimensions of the ring shank nails for roof decks consistent within the codes. The Structural TAC intended that they be consistent. However, conflicts have emerged due to the correlation involved with the attempt to relocate the mitigation provisions to the residential code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version? No

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

708.7.1.2 For roof decking consisting of wood structural panels, fasteners and spacing required in columns 3 and 4 of Table 708.7.1.2 are deemed to comply with the requirements of Section 706.3, *Florida Building Code, Existing Building* for the indicated design wind speed range. Wood structural panel connections retrofitted with a two part urethane based closed cell adhesive sprayed onto the joint between the sheathing and framing members are deemed to comply with the requirements of Section 606.3, *Florida Building Code, Existing Building*, provided testing using the manufacturer's recommended application on panels connected with 6d smooth shank nails at no more than a 6-inch edge and 12-inch field spacing demonstrate an uplift resistance of a minimum of 200 psf.

Supplemental fasteners as required by Table 708.7.1.2 shall be 8d ring shank nails with round heads and the following minimum dimensions:

1. 0.113-inch nominal shank diameter.

2. Ring diameter a minimum of 0.010 over ~~0.012 inch greater than~~ shank diameter.

3. 16 to 20 rings per inch.

4. A minimum 0.280-inch full round head diameter.

5. Ring shank to extend a minimum of 1 ½ inches from the tip of the nail.

6. Minimum 2 3/8 ~~¼~~ inch nail length.

Date Submitted	4/8/2013	**Section**	1007.1	**Proponent**	Michael Goolsby
Chapter	10	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Remove reference to deleted table.

Rationale

Table 1615.2 has been deleted. HVHZ will now utilize the tables referenced in the base code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Eliminates reference to a deleted table, clarifying applicable tables regarding concentrated loads.

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

Eliminates reference to a deleted table, clarifying applicable tables regarding concentrated loads.

Impact to industry relative to the cost of compliance with code

None. Removes confusion and provides guidance to applicable tables.

Requirements

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

Yes. Removes confusion created by guidance to a deleted table.

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

Yes. Removes confusion created by guidance to a deleted table with reference to the appliacble tables.

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

No. Removes confusion created by guidance to a deleted table with reference to the appliacble tables.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by removing confusion created by guidance to a deleted table with reference to the appliacble tables.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

1007.1 Gravity loads. Buildings or portions thereof subject to a change of occupancy where such change in the nature of occupancy results in higher uniform or concentrated loads based on the *Florida Building Code, Building* Tables 1607.1 and 1607.6 ~~(high-velocity hurricane zones shall comply with Table 1615.2)~~ shall comply with the gravity load provisions of the *Florida Building Code, Building*.

Exception: Structural elements whose stress is not increased by more than 5 percent.

Date Submitted	5/1/2013	**Section**	1701	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects conflicts within the existing code.

Rationale

The proposed revision corrects section references, misspelled words, and grammatical issues in Chapter 17.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects conflicts within the updated code.

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

Corrects conflicts within the updated code.

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

Corrects conflicts within the updated code.

Does not degrade the effectiveness of the code

Corrects conflicts within the updated code.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6273 Text Modification

see attached support file

1701.2 Eligible condition. The provisions of this chapter are applicable to buildings that meet all of the following eligibility requirements:

1. – 7. (no change)

8. The building is or would be assigned to risk category I or II ~~per~~ in accordance with Table 1604.5 in the *Florida Building Code, Building* ~~Table 1704.5~~.

9. – 10. (no change)

Section 1702 Definitions

PLATFORM FRAMING. A type of wall framing where structural ~~vertical~~ framing members of the gable end wall terminate at or above the top plate on the rectangular wall below the gable end wall.

1703.5 Fasteners. Fasteners shall meet the requirements of Table 1703.5 ~~1703.6~~, Section 1703.5.1 ~~1703.6.1~~, and Section 1703.5.2 ~~1703.6.2~~, and shall be permitted to be screws or nails meeting the minimum length requirement shown in the figures and specified in the tables of this chapter. Fasteners used to secure connectors shall be those approved by the manufacturer.

TABLE 1704.1
RETROFIT CONFIGURATION AS A FUNCTION OF EXPOSURE CATEGORY, DESIGN WIND SPEED, AND STUD HEIGHT

RETROFIT ELEMENTS				SIZE AND NUMBER OF RETROFIT ELEMENTS Stud length limitations based on Exposure, Basic Wind Speed, and Configuration			
Exposure Category	Max Ultimate Design Wind Speed, Vult (3-sec gust) ~~Basic Wind Speed~~ (Interpolation is not permitted)	Connections of gable end wall to wall below. On center spacing (Section 1708)		Configurations A, B, C, or D			
		Gusset angle bracket	Fasteners to secure sill plate to wall	A	B	C	D
D	< or =130 mph	39”	14”	6’-11”	10’-11”	14’-3”	16’-0”
D	>130 - 140 mph	34”	12”	6’-7”	10’-5”	13’-7”	16’-0”
D	>140 - 150 mph	29”	10”	6’-2”	9’-9”	12’-10”	16’-0”
D	>150 - 160 mph	26”	9”	5’-11”	9’-1”	12’-0”	15’-4”
D	.>160 - 170 mph	23”	8”	5’-6”	8’-7”	11’-4”	14’-9”
D	>170 - 180 mph	20”	7”	5’-2”	8’-1”	10’-8”	14’-2”
C	< or =130 mph	46”	16”	7‘-4“	11’-6”	15’-1”	16’-0”
C	>130 - 140 mph	39”	14”	7‘-0”	10’-11”	14’-5”	16’-0”
C	>140 - 150 mph	34”	12”	6’-8”	10’-5	13’-8”	16’-0”
C	>150 - 160 mph	30”	11”	6’-4”	9’-10”	13’-0”	16’-0”
C	.>160 - 170 mph	27”	9”	5’-11”	9’-3”	12’-3”	15’-6”
C	>170 - 180 mph	24”	8”	5’-7”	8’-9”	11’-7”	15’-0”
B	< or =130 mph	63”	22”	8’-2”	12’-10”	16’-0”	(a)
B	>130 - 140 mph	54”	19”	7’-9”	12’-2”	15’-0”	(a)
B	>140 - 150 mph	47”	17”	7’-5”	11’-8”	15’-3”	16’-0”

B	>150 - 160 mph	42"	15"	7'-1"	11'-2"	14'-7"	16'-0"
B	.>160 - 170 mph	37"	13"	6'-10"	10'-8"	14'-0"	16'-0"
B	>170 - 180 mph	33"	12"	6'-7"	10'-4"	13'-6"	16'-0"
Retrofit studs Minimum size and number (Section 1706)				2x4	2x6	2x8	2 each 2x8
Lateral brace above and below (top and bottom) Minimum size and number (Section 1707)				2x4	2x4	2x4	2 each 2x8
Retrofit Elements for **L-bent strap** applications (Section 1708.1.1 ~~1708.1~~)							
Fasteners at each end for strap connecting Retrofit studs to Lateral braces using 1-1/2 inch long fasteners complying with Table 1703.5 ~~1703.6~~ Minimum number				3	5	6	5 at each end of each strap
Fasteners to connected Compression blocks to Lateral braces using 3-inch long fasteners complying with Table 1703.6 Minimum number				4	6	7	5
Retrofit Elements for **U-bent strap** applications (Section 1708.1.2 ~~1708.2~~)							
Fasteners to connect straps to each edge of Lateral braces using 1-1/2 inch long fasteners complying with Table 1703.5 ~~1703.6~~ Minimum number				3	4	4	4 at each end of each strap

For SI: 1 inch =25.4 mm, 1 Foot = 304.8 mm, 1 mile per hour = 0.447 m/s.

(a) Configuration C is allowable.

1705.1 Requirements for added studs. Along a platform framed gable end wall where an existing stud is longer than 3 feet and the distance (centerline to centerline) between that stud and an adjacent stud that is also longer than 3 feet is greater than 22 ½ inches, an added stud shall be installed. This requirement also applies to the top truss of a piggyback truss assembly. The length of the stud shall be the maximum length of the stud itself exclusive of the depth of the top chord and bottom chord members. If an existing stud is interrupted by other members, such as by a diagonal in a ~~gable end~~ truss with a gable end, it shall include retrofit stud sections ~~pieces~~ above and below the interrupting member to provide continuity from the top of the bottom chord to the bottom of the top chord of the gable end framing, or wood structural members shall be added to provide this continuity. If a lateral brace is being omitted as allowed in Section 1707.4.1, then the existing or added stud shall not be required to be continuous from an interruption to the location of the omitted lateral brace. Added studs shall have at minimum the same narrow and wide face dimensions as the existing studs.

1705.3 Attachment of added studs. In the case of conventional framing, each end of each required added stud shall be attached to the top and bottom plates. In the case of truss construction, each end of each required added stud shall be attached to the top and bottom chord of the truss. Attachments shall be made by attaching ~~using~~ a stud-to-plate metal connector with minimum uplift capacity of 175 pounds fastened with 1-1/2 inch long fasteners complying with Table 1703.5.

1706.4.2. Nail plate attachments. Where retrofit studs are placed using the methods of Section 1706.3.2 or Section 1706.3.3, nail plates shall be spaced and attached in accordance with all of the following requirements.

1. Nail plates shall be spaced such that vertical spacing between plates shall be a maximum of 20 inches.

1706.8 Short retrofit studs. Where existing conditions are such that a lateral brace installed in accordance with Section 1707 can only be installed at one end of a primary stud that extends to a lateral brace at only a ceiling or a roof diaphragm such that a lateral brace can be installed in accordance with Section 1707, the method of retrofit shall comply with Section 1706.7.

1707.1 Requirements for lateral braces. At each end of a retrofit stud, a lateral brace shall be installed as indicated in Figure 1707.1(1) or Figure 1707.1(3) for trusses and Figure 1707.1(2) or Figure 1707.1(4) for conventionally framed gable end walls. Lateral braces shall be allowed to be omitted in accordance with Section 1706.6 or Section 1707.4.1 ~~1707.3~~. Alternative methods for providing lateral bracing are allowable in accordance with Section~~s~~ 1707.4 ~~1707.4.1~~. Lateral braces shall be minimum 2x4 lumber except as required by Section 1707.4.1 or Section 1706.6.

1707.2 Placement. Lateral braces shall be placed approximately perpendicular to the attic-framing members and extend so they are attached to a minimum of three attic-framing members. The attic-framing member farthest from the gable end wall shall be a minimum of 6 feet from the exterior sheathing or siding on the gable end wall. Lateral braces shall be installed with their wide faces across attic-framing members. Where the method of Section 1708.1.1 ~~1708.1~~ is used, lateral braces shall butt against the sheathing or siding of the wall. Where the method of Section 1708.1.2 ~~1708.2~~ is used, lateral braces shall butt against the retrofit studs.

Exception: Where existing conditions prevent placement of continuous lateral braces on attic-framing members, installation shall be in accordance with Section 1707.4.

1707.3.1 Attachment of lateral braces to attic framing or ridge ties. Lateral braces shall be attached to each of the attic-framing members or ridge ties that they cross with a minimum of three (3) 3-inch long fasteners. Fasteners shall be installed at least ½ inch from any edge of either the lateral brace or the attic frame member and spaced at least 1 inch apart across the width of the lateral brace as shown in Figures 1707.1(1) through 1707.1(4) ~~1707.3.1~~. Lateral braces shall extend a minimum of 2 ¾ inches beyond the edge of the last attic-framing member to which they are attached.

1707.3.3 Blocking ~~Bocking~~ attachment to lateral braces. (no change to remainder)

1707.4 Alternative installation. Where existing conditions prevent the placement of lateral braces as specified in 1707.2, the alternative installation methods of Section 1707.4.1, Section 1707.4.2, and Section 1707.4.3 shall be permitted ~~allowable~~.

1707.4.3 Short lateral brace. Where conditions exist that prevent installation of lateral braces in accordance with Section 1707.4.1 or Section 1707.4.2, lateral braces shall be permitted to be shortened, except where the brace is adjacent to an omitted lateral brace of Section 1707.4.1, provided all of the following conditions are met.

1. – 5. (no change)

6. Anchor blocks shall be fastened to lateral braces with a single row of 8d common nails, 10d common nails or #9 screws with minimum penetration into lateral braces equal to the thickness of the anchor block or 1 inch whichever is greater. The minimum number of fastener shall be the maximum that can be placed in a single row with minimum 2 ¾ inch distance between fasteners and 2 ¾ inch distance to ends of anchor blocks except that the number of fasteners need not exceed seven per anchor block. For nominal 2 inch thick lumber anchor blocks, the number of fasteners need not exceed three fasteners per anchor block.

1708.1.1 L-bent strap method. For Configurations A, B, and C, retrofit studs shall be attached to lateral braces in accordance with Figure 1708.1.1(1) and Figure 1707.1(1) or 1707.1(2). For Configuration D, retrofit studs shall be attached to lateral braces in accordance with Figure 1708.1.1(2) ~~1708.1.2~~ and Figure 1707.1(1) or Figure 1707.1(2). Attachments shall comply with the following conditions except where attachments of retrofit studs at omitted lateral braces are in conformance with Section 1707.4.1.

1. - 3. (no change)

4. Compression blocks shall be placed on the lateral braces and butted directly against the primary stud or the retrofit stud. Figure 1707.1(1) ~~1706.2.1(1)~~ (trusses) and Figure 1707.1(2) ~~1706.2.1(2)~~ (conventionally framed) show the placement of a compression block against the existing stud. The minimum contact area between compression blocks and primary or retrofit studs shall be an area equivalent to 1 ½ inches by 1 ½ inches (2.25 square inches). Angled contact is permissible. Compression blocks shall be allowed to be placed over straps or beside straps.

5. (no change)

1708.1.2 U-bent strap method. For Configurations A, B, and C, retrofit studs shall be attached to lateral braces in accordance with Figure 1708.1.2(1) and Figure 1707.1(3) or 1707.1(4). For Configuration D, retrofit studs shall be attached to lateral braces in accordance

with Figure 1708.1.2(2) ~~1708.1.3~~ and Figure 1707.1(3) or Figure 1707.1(4). Attachments shall comply with the following conditions except where attachments of retrofit studs at omitted lateral braces are in conformance with Section 1707.4.1.

1709.1.2.2 Wall connections. The gable end walls shall be connected to the wall below using one of the following methods.

1. Where there is a wood frame wall below a gable end wall and where the gable end wall above has a sill or bottom plate atop the plates of the wall below, the sill of the gable end wall shall be connected to the top plates of the wall below using wood screw fasteners with a minimum shear capacity ~~Z perpendicular~~ of 150 pounds (667 N) for 1-1/2" side member thickness. ~~[1]~~Threads of screws shall substantially engage the lower top plate. ~~[2]~~Screws shall be placed minimum of 1-3/4 inches from the edges of lumber and minimum of 2-3/8 inches ~~[3]~~from the ends of lumber. ~~[4]~~ The screws shall be installed at the spacing indicated in Table 1704.1. ~~[5]~~ ~~[6]~~

2. Where a wood frame gable end wall has a ceiling joist as the lowest outer member of the gable end wall, that joist shall be connected to the wall below using the method Section ~~1709.1.1(1) or~~ 1709.1.1 except ~~read~~ the "ceiling joist" shall be attached to the wall below as required for the "bottom chord of the roof truss".

3. Where the wall below a gable end wall is a concrete or masonry wall, the sill or bottom plate of the gable end wall shall be connected to the wall below using ¼ inch diameter concrete or masonry screws of the same type used for gusset angles and of sufficient length to provide a minimum embedment of 1-1/2" into the concrete of the wall or a minimum 2-3/4 inches into the masonry of the wall. A washer sized for the diameter of the lag bolt or wood screw shall be placed under the head of each lag bolt. The fasteners shall be installed at the spacing indicated in Table 1704.1.

1709.1.3 Balloon framed gable end wall. The retrofits presented in this chapter are specifically intended for platform framed gable end walls and do not apply to balloon framed gable end walls.

Date Submitted	4/27/2013	**Section**	202	**Proponent**	Joseph Belcher
Chapter	2	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Adds screen enclosure definition to code.

Rationale

The definition was accepted by the system and the Commission in the FBCB, but for some reason, unknown by the proponent, the submission to the FBCR did not upload and was not included in the code change proposal. I tried to correct this error via Public Comment and the Coimmission requested I submit it as a glitch change to comply with established procedures.

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

Improves the code by addressing long standing Florida definition of a structure popular throughout the state.

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

Improves the code by addressing long standing Florida definition of a structure popular throughout the state.

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 the code by addressing long standing Florida definition of a structure popular throughout the state.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

YES

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6230 **Text Modification**

See attached file,

SCREEN ENCLOSURE. A building or part thereof, in whole or in part self-supporting, and having walls of insect screening with or without removable vinyl or acrylic wind break panels and a roof of insect screening, plastic, aluminum or similar lightweight material, or other materials and assemblies such as a patio, ~~or~~ deck, or roof of a structure.

Date Submitted	4/27/2013	**Section**	202	**Proponent**	Joseph Belcher
Chapter	2	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Modifies habitable spece definition to add screen enclosure as non-habitable.

Rationale

For some reason the modification was accepted by the system for the FBCB, but not the FBCR. I freely admit it may have been operator error. Of the two volumes, having these amendments in the FBCR is more critical than in the FBCB.

The State of Florida has been referred to as the birthplace of the screen enclosure as we know it. The industry began in Florida and is slowly spreading to other states with temperate climates. The provisions have been rejected by the ICC code change committee in the past. The base code does not adequately address this unique structure so commonly seen in Florida.
The exemption of screen enclosures from consideration as habitable space has been accepted in the FBC since the inception of the code. The addition of AAMA 2100 Categories I, II, and III to the exempted areas was added in the 2007FBC. Improper classification of these structures as habitable prompted the proposals.
Such structures are intended to be a relatively inexpensive means for Florida residents to add a space to their home allowing them to enjoy the outdoors while keeping insects, the sun, and vermin at bay. They also act to reduce the required amount of chemicals necessary to maintain swimming pool water. Application of the same requirements which must be met for the habitable structure, such as the energy code, raises the costs to the point of prohibiting such construction. These provisions have been in the FBC for a number of years and have proven to be effective.

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

Improves public welfare by continuing the use of a long standing definition in the Florida codes that clarifies the code.

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

Improves the code by continuing the use of a long standing definition in the Florida codes that clarifies 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

Improves the code by continuing the use of a long standing definition in the Florida codes that clarifies the code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6233 Text Modification

HABITABLE SPACE.A space in a building for living,sleeping, eating or cooking. Bathrooms, toilet rooms, closets,halls, screen enclosures, sunroom Categories I, II and III as defined in the AAMA/NPEA/NSA 2100,storage or utility spaces and similar areas, are not consideredhabitable spaces.

Date Submitted	4/28/2013	**Section**	202	**Proponent**	Joseph Belcher
Chapter	2	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Modify Glitch Mod #6230 to underline text.

Rationale

The submission is to correct Glitch Comment Mod Number 6230 to show the text underlined.

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

Modification to Mod 6230 ti show new language in legislative format.

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

Modification to Mod 6230 ti show new language in legislative format.

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

Modification to Mod 6230 ti show new language in legislative format.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

YES

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6243 Text Modification

SCREEN ENCLOSURE. A building or part thereof, in whole or in part self-supporting, and having walls of insect screening with or without removable vinyl or acrylic wind break panels and a roof of insect screening, plastic, aluminum or similar lightweight material, or other materials and assemblies such as a patio deck, or roof of a structure.

Date Submitted	4/27/2013	**Section**	301.2.1.1.1	**Proponent**	Joseph Belcher
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Add provision allowing screen enclosure to be designed as Risk Category 1.

Rationale

The inclusion of screen enclosures as Risk Category 1 was approved by the Commission in a change to Table 1604.5 of the FBCB. Risk Category 1 structures use a different map to determine design wind speeds. The FBCB only has one wind speed map and it provides Risk Category 2 wind speeds. The change to the FBCB creates a conflict with the FBCR. The industry is experiencing problems in the field due to this situation. Addition of the requested language will correct the problem,

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

Will decrease cost.

Impact to industry relative to the cost of compliance with code

Will decrease cost.

Requirements

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

Improves the public welfare by bringing the code volumes into agreement.

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

Improves the code by bringing buidling and residential volumes into agreement.

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 the code by bringing buidling and residential volumes into agreement.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R301.2.1.1.1 Aluminum structure design. The AAF Guide to Aluminum Construction in High-Wind Areas shall be permitted for the construction of the aluminum structures therein addressed. Screen enclosures shall be permitted to be designed in accordance with the Florida Building Code Section 2002 and shall be permitted to be designed as Risk Category 1. Vinyl and acrylic panels shall be permitted and shall be removable. Removable panels shall be identified as removable by a decal. The identification decal shall essentially state: "Removable panel SHALL be removed when wind speeds exceed 75 mph (34 m/s)." Decals shall be placed such that the decal is visible when the panel is installed.

Date Submitted	4/23/2013	**Section**	301.2.1.1.2.1	**Proponent**	T Stafford
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Clarifies that wind speeds have to be converted when using AAMA 2100.

Rationale

Clarifies that when using AAMA 2100, wind speeds have to converted to Vasd.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6117 Text Modification

R301.2.1.1.2.1 Sunrooms shall comply with AAMA/NPEA/NSA 2100~~.~~ as modified below:

AAMA 2100, Section 5.2.1 Wind Loads: Modify Section 5.2.1as follows:

5.2.1 Wind Loads: Basic wind speed (V_{asd}) in miles per hour (mph) shall be determined in accordance with Section R301.2.1. Sunrooms including exposed structures, components, cladding, and roof covering shall be designed to resist the wind loads as established in Section R301.2.1.

Date Submitted	4/23/2013	**Section**	301.2.1.1	**Proponent**	T Stafford
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Clarifies which standards require wind speeds to be converted.

Rationale

Clarifies that if ICC 600, AISI S230, or the MAF Guide are used, applicable wind speeds have to be converted to Vasd for use with those standards.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R301.2.1.1 Wind limitations and wind design required. *(no change to text not shown)*

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 Items 2, 4 and 7 ~~2 through 4~~ 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	4/25/2013	**Section**	301.2.1.6	**Proponent**	T Stafford
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Adds language from Florida Statutes regarding the establishment of wind speed and wind-borne debris region contours locally.

Rationale

Adds language from Florida Statutes regarding the establishment of wind speed and wind-borne debris region contours locally.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[ ] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[X] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R301.2.1.6Basicwindspeed. The ultimate design wind speed, V_{ult}, in miles per hour, for the development of windloads, shall be determined from Figure R301.2(4). The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible

Date Submitted	4/23/2013	**Section**	301.2.2.3.1	**Proponent**	T Stafford
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Table R602.10.3(3) has been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version? No

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R301.2.2.3.1 Height limitations. Wood-framed buildings shall be limited to three stories above *grade* plane ~~or the limits given in Table R602.10.3(3)~~. Cold-formed, steel-framed buildings shall be limited to less than or equal to three stories above*grade* plane in accordance with AISI S230. Mezzanines as defined in Section R202 shall not be considered as stories. Structural insulated panel buildings shall be limited to two stories above *grade* plane.

Date Submitted	4/23/2013	**Section**	301.2	**Proponent**	T Stafford
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects note numbering to Figure R301.2(4)A.

Rationale

Corrects note numbering to Figure R301.2(4)A.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

Figure R301.2(4)A

6 ~~5~~. This map is accurate to the county. Local governments establish specific wind speed/wind-borne debris lines using physical landmarks such as major roads, canals, rivers, and shorelines.

Date Submitted	5/1/2013	**Section**	301.2	**Proponent**	T Stafford
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict with the updated code. Correlation with ASCE 7-10.

Rationale

Corrects a conflict within the updated code by providing correlation with ASCE 7-10. Component and cladding loads in the table are strength design values. New note g. clarifies that these loads are permitted to be multiplied by 0.6 for allowable stress design or for testing based on allowable stress design loads.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version? No

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

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,f ,g]

(no change to table values)

Notes:

a. - f. (no change)

g. For allowable stress design and for testing as specified in Section R301.2.1.6, component and cladding loads are permitted to be multiplied by 0.6.

Date Submitted	4/23/2013	**Section**	301.3	**Proponent**	T Stafford
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Most of Section R602 in the base code has been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version? No

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R301.3 Story height. The wind and seismic provisions of this code shall apply to buildings with story heights not exceeding the following:

1. For wood wall framing, the laterally unsupported bearingwall stud height permitted bySection R602~~Table R602.3(5)~~ plus a height of floor framing not to exceed 16 inches (406mm).

Exception: For wood-framed wall buildings with bracing in accordance with Section R602~~Tables R602.10.3(1) andR602.10.3(3)~~, the wall stud clear height used todetermine the maximum permitted *story height* maybe increased to 12 feet (3658 mm) without requiring an engineered design for the building wind and seismic force-resisting systems provided that the length of bracing required by Section R602 ~~Table R602.10.3(1)~~ is increased by multiplying by a factor of ~~1.10 and the~~

~~length of bracing required by Table R602.10.3(3) is increased by multiplying by a factor of~~ 1.20. Wallstuds are still subject to the requirements of this section.

(no change to remainder)

Date Submitted	4/19/2013	**Section**	301	**Proponent**	Ken Cureton
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

None

Summary of Modification

Change Table R301.2(1) to provide for statewide design criteria that are consistent with the updated code.

Rationale

The proposed modification provides for statewide design criteria that are consistent with the updated code

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

Yes

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

Yes

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

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

Does not degrade the effectiveness of the code

Does not degrade the effectiveness of the code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

OTHER

Explanation of Choice

To provide for statewide design criteria that are consistent with the updated code.

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

FBC, Residential

Change Table R301.2(1) to read as follows:

TABLE R301.2(1)

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD	WIND DESIGN d Topographic (mph) k	SEISMIC DESIGN CATEGORYf	SUBJECT TO DAMAGE FROM Weatheringa	Frost line depthb	Termitec	WINTER DESIGN TEMPe	ICE BARRIER UNDERLAYMENT REQUIREDh	FLOOD HAZARDSg	AIR FREEZING INDEXi	MEAN ANNUAL TEMPj
NA	See Fig. R301.2(4)	NA	Negligible	NA	Very heavy		NA		NA	NA

For SI: 1 pound per square foot = 0.0479 kN/m^2, 1 mile per hour =1.609 km/h.

a. Weathering is "negligible" for concrete as determined from the Weathering Probability Map [Figure 301.2(3)]. The grade of masonry units shall be determined from ASTM C 34, C 55, C 62, C 73, C 90, C 129, C 145, C 216 or C 652.

b. ~~The frost line depth may require deeper footings than indicated in Figure R403.1(1). The jurisdiction shall fill in the frost line depth column with the minimum depth of footing below finish grade.~~ Reserved.

c. Termite infestation per Figure R301.2(6) is "very heavy."

d. Wind speed shall be from the basic wind speed map [Figure R301.2(4). Wind exposure category shall be determined on a site-specific basis in accordance with Section R301.2.1.4.

e. The outdoor design dry-bulb temperature shall be selected from the columns of 971/2-

percent values for winter from Appendix D of the *Florida Building Code, Plumbing*. Deviations from the Appendix D temperatures shall be permitted to reflect local climates or local weather experience as determined by the building official.

f. ~~The jurisdiction shall fill in this part of the table with the seismic design category determined from Section R301.2.2.1.~~ Reserved.

g. The applicable governing body shall, by local floodplain management ordinance, specify (a) the date of the jurisdiction's entry into the National Flood Insurance Program (date of adoption of the first code or ordinance for management of flood hazard areas), (b) the date(s) of the Flood Insurance Study and (c) the panel numbers and dates of all currently effective FIRM and FBFM, or other flood hazard map adopted by the authority having jurisdiction, as amended.

h. ~~In accordance with Sections R905.2.7.1, R905.4.3.1, R905.5.3.1, R905.6.3.1, R905.7.3.1 and R905.8.3.1, where there has been a history of local damage from the effects of ice damming, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall fill in this part of the table with "NO."~~ Reserved.

i. ~~The jurisdiction shall fill in this part of the table with the 100-year return period air freezing index (BF-days) from Figure R403.3(2) or from the 100-year (99 percent) value on the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°F)" at www.ncdc.noaa.gov/fpsf.html.~~ Reserved.

j. ~~The jurisdiction shall fill in this part of the table with the mean annual temperature from the National Climatic Data Center data table "Air Freezing Index- USA Method (Base 32°F)" at www.ncdc.noaa.gov/fpsf.html.~~ Reserved.

k. ~~In accordance with Section R301.2.1.5, where there is local historical data documenting structural damage to buildings due to topographic wind speed-up effects, the jurisdiction shall fill in this part of the table with "YES." Otherwise, the jurisdiction shall indicate "NO" in this part of the table.~~ Reserved.

Date Submitted	4/19/2013	**Section**	301	**Proponent**	Ken Cureton
Chapter	3	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

None

Summary of Modification

Add Section R301.2.1.1.3 to incorporate Rule 61G20-1.002 into the FBC for consistency with Rule 61G20-1.002 and Section 553.73(17), Florida Statutes.

Rationale

To incorporate Rule 61G20-1.002 into the FBC for consistency with Rule 61G20-1.002 and Section 553.73(17), Florida Statutes (see attached).

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

Yes

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

Yes

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

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

Does not degrade the effectiveness of the code

Does not degrade the effectiveness of the code.

Is the proposed code modification part of a prior code version? No

☐ (a.) Conflicts within the updated code;

☐ (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

☐ (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

☐ (d.) Equivalency of standards;

☒ (e.) Changes to or inconsistencies with federal or state law;

☐ (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

FBC, Residential

Add Section R301.2.1.1.3 to read as follows:

R301.2.1.1.3 Alternative Design Method for Screen Enclosure.

(1) The purpose of this Section is to provide an alternate method for designing aluminum screen enclosures as defined by the Florida Building Code, permitting the loads of the structural frame to be based on portions of the screen in the screen walls removed, retracted, moved to the open position, or cut. The use of framing materials other than aluminum is allowed in accordance with Section 104.11 of the Florida Building Code, Building. The method applies only to walls and roofs with 100% screen.

(a) Screen enclosure frames designed in accordance with the screen removal alternates of this Section, shall be designed using signed and sealed site-specific engineering and shall be designed in accordance with the wind load provisions of the Florida Building Code, Building, Section 1609.1.1,

(b) Designs that consider these screen alternates shall comply with Florida Building Code, Building Section 2002.4 and Table 2002.4 using the 110 mph column as modified by Table 2002.4A with all screen panels in place.

(c) Designs using strength design or load and resistance factor design in accordance with the Florida Building Code, Building,Section 1605.2 or allowable stress design methods of the Florida Building Code, Building, Section 1605.3.1 shall be permitted.

(d) The design shall be by rational analysis or by 3D Finite Element Analysis. Either method will be acceptable.

(2) Where screen enclosures are designed in accordance with the screen removal alternates of this Section, removable screen may consist of removable panels, retractable panels, or by designating specific screen panels in the design in which the screen is to be removed by cutting the screen. Removable panels shall be removed, retractable panels shall be placed in the retracted position without increasing the load on the affected area. Screen designated in the design to be cut shall be completely cut when wind speeds are forecast to exceed 75 mph.

(3) Where screen enclosures designed in accordance with the screen removal alternates of this Section serve as the barrier required by R4201.17.1, the required minimum height of the barrier shall be maintained when screen panels are retracted, removed, moved to the open position, or cut.

(4) Where screen enclosures are designed in accordance with the screen removal alternates of this Section, retractable screen panels, removable screen panels, and screen panels identified to be cut shall be clearly identified on adjacent structural members with highly visible permanent labels, at each panel, or by other means approved by the local building department.

(5) Where screen enclosures are designed in accordance with the screen removal alternates of this Section, the retraction of screen panels, removal of screen panels, or cutting of screen panels shall not require the use of ladders or scaffolding.

(6) Engineering documents submitted with building permit applications shall identify the panels to be removed, retracted, opened, or cut.

(7) Where screen enclosures are designed in accordance with the screen removal alternates of this Section based on removing screen panels by cutting the screen, the contractor shall provide replacement screen for a one-time replacement of all screen and spline designated by the design to be cut.

(8) Where screen enclosures are designed in accordance with the screen removal alternates of this Section, the contractor shall provide written notice to the owner and the local building code enforcement department that the owner must retract, remove, or cut a panel or panels of the screen enclosure in accordance with the project engineering design or the manufacturer's instructions when wind speeds are expected to exceed 75 mph.

GLITCH MOD NO. 6082 ATTACHMENT A1

61G20-1.002 Alternative Design Method for Screen Enclosure.

(1) The purpose of this Rule is to provide an alternate method for designing aluminum screen enclosures as defined by the Florida Building Code, permitting the loads of the structural frame to be based on portions of the screen in the screen walls removed, retracted, moved to the open position, or cut. The use of framing materials other than aluminum is allowed in accordance with Section 104.11 of the Florida Building Code, Building Volume, incorporated herein by reference, effective August 2011, as adopted in Rule 61G20-1.001, F.A.C. The method applies only to walls and roofs with 100% screen. The provisions of Chapter 1 of the Florida Building Code, Building Volume, shall govern the administration and enforcement of this Rule.

(a) Screen enclosure frames designed in accordance with the screen removal alternates of this rule, shall be designed using signed and sealed site-specific engineering and shall be designed in accordance with the wind load provisions of the Florida Building Code, Section 1609.1.1, incorporated herein by reference, as adopted in Rule 61G20-1.001, F.A.C.

(b) Designs that consider these screen alternates shall comply with Florida Building Code, Building Volume, Section 2002.4 and Table 2002.4, incorporated herein by reference, as adopted in Rule 61G20-1.001, F.A.C., using the 110 mph column as modified by Table 2002.4A, incorporated herein by reference, as adopted in Rule 61G20-1.001, , F.A.C., with all screen panels in place.

(c) Designs using strength design or load and resistance factor design in accordance with the Florida Building Code, Building Volume, Section 1605.2, incorporated herein by reference, as adopted in Rule 61G20-1.001, F.A.C., or allowable stress design methods of the Florida Building Code, Building Volume, Section 1605.3.1 incorporated herein by reference, as adopted in Rule 61G20-1.001, F.A.C., shall be permitted.

(d) The design shall be by rational analysis or by 3D Finite Element Analysis. Either method will be acceptable.

(2) Where screen enclosures are designed in accordance with the screen removal alternates of this rule, removable screen may consist of removable panels, retractable panels, or by designating specific screen panels in the design in which the screen is to be removed by cutting the screen. Removable panels shall be removed, retractable panels shall be placed in the retracted position without increasing the load on the affected area. Screen designated in the design to be cut shall be completely cut when wind speeds are forecast to exceed 75 mph.

(3) Where screen enclosures designed in accordance with the screen removal alternates of this rule serve as the barrier required by the Florida Building Code at Sections 424.2.17 and R4101.17.1, incorporated herein by reference, as adopted in Rule 61G20-1.001, F.A.C., the required minimum height of the barrier shall be maintained when screen panels are retracted, removed, moved to the open position, or cut.

(4) Where screen enclosures are designed in accordance with the screen removal alternates of this rule, retractable screen panels, removable screen panels, and screen panels identified to be cut shall be clearly identified on adjacent structural members with highly visible permanent labels, at each panel, or by other means approved by the local building department.

(5) Where screen enclosures are designed in accordance with the screen removal alternates of this rule, the retraction of screen panels, removal of screen panels, or cutting of screen panels shall not require the use of ladders or scaffolding.

(6) Engineering documents submitted with building permit applications shall identify the panels to be removed, retracted, opened, or cut.

(7) Where screen enclosures are designed in accordance with the screen removal alternates of this rule based on removing screen panels by cutting the screen, the contractor shall provide replacement screen for a one-time replacement of all screen and spline designated by the design to be cut.

(8) Where screen enclosures are designed in accordance with the screen removal alternates of this rule, the contractor shall provide written notice to the owner and the local building code enforcement department that the owner must retract, remove, or cut a panel or panels of the screen enclosure in accordance with the project engineering design or the manufacturer's instructions when wind speeds are expected to exceed 75 mph.

Rulemaking Authority Chapter 2012-13, Section 19, Laws of Florida, 553.76, 553.77 FS. Law Implemented Chapter 2012-13, Section 19, Laws of Florida, 553.76, 553.77 FS. History–New 4-25-13.

GLITCH MOD NO. 6082 ATTACHMENT A2

Section 553.73 Florida Statutes

(17) The provisions of section R313 of the most current version of the International Residential Code relating to mandated fire sprinklers may not be incorporated into the Florida Building Code as adopted by the Florida Building Commission and may not be adopted as a local amendment to the Florida Building Code. This subsection does not apply to a local government that has a lawfully adopted ordinance relating to fire sprinklers which has been in effect since January 1, 2010.

[1]**Note.**—Section 19, ch. 2012-13, provides that:

"The Florida Building Commission shall establish a workgroup to assist the commission in developing a rule for implementing an alternative design method for screen enclosures which allows for the removal of a section of the screen to accommodate high-wind events consistent with the provisions of the Florida Building Code.

(1) The workgroup shall be comprised of the following representatives:

(a) Two members who represent the screen enclosure manufacturing industry;

(b) Two members who represent the aluminum contractors industry;

(c) One member who represents the Florida Home Builders Association;

(d) One member who represents the Florida Swimming Pool Association;

(e) Three members who represent the Building Officials Association of Florida;

(f) One member who represents the building products industry; and

(g) One member who is employed as a structural engineer.

(2) The workgroup shall address the following factors to be included in the rule:

(a) An alternative design method for a screen enclosure that is site-specific engineered;

(b) A screen enclosure design using the alternative method that serves as a barrier that is required for a swimming pool and remains in place at the minimum height required for the barrier;

(c) A screen enclosure design using clear, highly visible labels for panels that can be cut, retracted, or removed when winds are forecasted to exceed 75 mph;

(d) A design for a screen that can be removed, cut, or retracted without the use of a ladder or scaffolding;

(e) A requirement that the contractor provide replacement screen at the initial point of sale to repair the screen enclosure for designs that require cutting; and

(f) An alternative design for a screen enclosure that requires the contractor to provide notice to the homeowner and the local building department that the homeowner must cut, retract, or remove a panel or panels of the screen enclosure in accordance with engineering or manufacturer's instructions when wind speeds are expected to exceed 75 mph.

(3) The Florida Building Commission shall appoint the workgroup no later than 15 days after the effective date of this act to draft a proposed rule. Rulemaking must be initiated pursuant to chapter 120, Florida Statutes, as soon as practicable after appointment of the workgroup. The commission shall file a notice of pro-posed rule by October 1, 2012. The Florida Building Code Commission shall file the rule for adoption by January 2, 2013, unless the commission files a letter on or before that date with the Joint Administrative Procedures Committee explaining the reasons for not completing rulemaking. Upon final adoption of the rule, the Florida Building Commission shall incorporate these requirements into the next version of the Florida Building Code. This section expires upon adoption of the rule and its inclusion in the Florida Building Code."

Date Submitted	4/25/2013	**Section**	318.8	**Proponent**	T Stafford
Chapter	3	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Adds requirements for foam plastic installed below or near grade.

Rationale

Adds requirements for foam plastic installed below or near grade. This requirement exists in the base code and has existed all previous versions of the Florida Building Codes. It was inadvertent left out this cycle.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

YES

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

NO

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [ ] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [X] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R318.8 Foamplasticprotection.

In areas where the probability of termite infestation is "very heavy" as indicated in Figure R301.2(6), extruded and expanded polystyrene, polyisocyanurate and other foam plastics shall not be installed on the exterior face or under interior or exterior foundation walls or slab foundations located below grade. The clearance between foam plastics installed above grade and exposed earth shall be at least 6 inches (152 mm).

Exceptions:

1. Buildings where the structural members of walls, floors, ceilings and roofs are entirely of noncombustible materials or pressure-preservative-treated wood.

2. When in addition to the requirements of Section R318.1, an approved method of protecting the foam plastic and structure from subterranean termite damage is used.

3. On the interior side of basement walls.

Date Submitted	4/23/2013	**Section**	403.1.6	**Proponent**	T Stafford
Chapter	4	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Table R602.3(1) has been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R403.1.6 Foundation anchorage. (no change).

Exceptions 2 and 3 revise as follows:

2. Walls 24 inches (610 mm) total length or shorter connecting offset *braced wall panels* shall be anchored to the foundation with a minimum of one anchor bolt located in the center third of the plate section and shall be attached to adjacent *braced wall panels* at corners as<u>required in Section R602</u>~~shown in item 8of Table R602.3(1)~~.

3. Connection of walls 12 inches (305 mm) total length or shorter connecting offset *braced wall panels* to the foundation without anchor bolts shall be permitted. The wall shall be attached to adjacent *braced wall panels* at corners as<u>required in Section R602</u>~~shown in item 8 of Table R602.3(1)~~.

Date Submitted	4/23/2013	**Section**	404.2.6	**Proponent**	T Stafford
Chapter	4	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Table R602.3(1) has been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R404.2.6 Fastening. Wood structural panel foundation

wall sheathing shall be attached to framing in accordancewith<u>Section R602</u>~~Table R602.3(1)~~ and Section R402.1.1.

Date Submitted	4/23/2013	**Section**	404.3	**Proponent**	T Stafford
Chapter	4	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Section R602.11 has been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R404.3 Wood sill plates. Wood sill plates shall be a minimumof 2-inch by 4-inch (51 mm by 102 mm) nominal lumber.Sill plate anchorage shall be in accordance with Sections R403.1.6 and<u>R602</u> ~~R602.11~~.

Date Submitted	4/23/2013	**Section**	404.5.1	**Proponent**	T Stafford
Chapter	4	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. SectionR106.1 has been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

YES

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

NO

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R404.5.1 Design. Precast concrete foundation walls shallbe designed in accordance with accepted engineering practice.The design and manufacture of precast concrete foundationwall panels shall comply with the materialsrequirements of Section R402.3 or ACI 318. The paneldesign drawings shall be prepared by a registered designprofessional where required by the statutes of the *jurisdiction*in which the project is to be constructed in accordancewith Section ~~R106.1~~ 107of the Florida Building Code, Building.

Date Submitted	4/23/2013	**Section**	404.5.2	**Proponent**	T Stafford
Chapter	4	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Clarifies the applicable wind speeds and wind speed map.

Rationale

Clarifies the applicable wind speeds used in the code and references the appropriate map.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

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

1-**6** (no change)

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

Date Submitted	4/23/2013	**Section**	502.2	**Proponent**	T Stafford
Chapter	5	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects sectin references.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impcat to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

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

Corrects a onflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a onflict within the updated code.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6127 Text Modification

R502.2 Design and construction. Floor framing of light-frame wood construction shall be designed and constructed in accordance with the provisions of Section R301.2.1.1 or in accordance with the AF&PA NDS. Floor framing of light-frame wood construction shall also comply with Sections R317, R318 ~~R319, R320~~, and R502.1.

Date Submitted	4/23/2013	**Section**	606.11	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section numbering.

Rationale

Corrects section numbering.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R606.9 10.10.1 Corrosion protection.

R606.10~~11~~Beam supports.

R606.10 ~~11~~.1 Joist bearing.

Date Submitted	4/23/2013	**Section**	606.12.1.1	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Tables R602.3(1), R505.3.1(2), and R804.3 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R606.12.1.1 Floor and roof diaphragm construction. Floor and roof *diaphragms* shall be constructed of wood structural panels attached to wood framing in accordance with Section R602 ~~Table R602.3(1)~~ or to cold-formedsteel floor framing in accordance with AISI S230 ~~Table R505.3.1(2)~~ or to cold-formed steel roof framing inaccordance with AISI S230 ~~Table R804.3~~. (*no change to remainder of section)*

Date Submitted	4/23/2013	**Section**	606.9.9.1	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects references.

Rationale

Corrects figure references.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R606.9.9.1 Offset reinforcement. Vertical reinforcement shall be permitted to be offset between floor levels. Reinforcement for the lower story shall be anchored into the upper floor level bond beam and reinforcement for the upper story shall be anchored into the bond beams above and below in accordance with Section R606.9.8 and Figures R606.9.9A and R606.9.9B.

Date Submitted	4/26/2013	**Section**	606.9	**Proponent**	Joseph Belcher
Chapter	6	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects error in submission

Rationale

In Mod 6017, Section R606.13 was both reserved and completely changed and renumbered to be Sections R606.9.1 through R606.9.9.1. This mod changes the text of the proposal from Section R606.9 to R606.13, leaving other renumbered sections with the IRC numbering intact.

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

Improves safety by correcting an error in the submission.

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

Swtrengthens code by correcting an error in the submission.

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 by correcting an error in the submission.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

YES

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

See attached file.

In Mod 6017, Section R606.13 was both reserved and completely changed and renumbered to be Sections R606.9.1 through R606.9.9.1. This mod changes the text of the proposal from Section R606.9 to R606.13, leaving other renumbered sections with the IRC numbering intact.

Section R606.9 Lateral support. Change to read as follows:

R606.9 Lateral support. Reserved. ~~Masonry walls shall be laterally supported in either the horizontal or the vertical direction. The maximum spacing between lateral supports shall not exceed the distances in Table R606.9. Lateral support shall be provided by cross walls, pilasters, buttresses or structural frame members when the limiting distance is taken horizontally, or by floors or roofs when the limiting distance is taken vertically.~~

R606.9.1 Horizontal lateral support. Reserved. ~~Lateral support in the horizontal direction provided by intersecting masonry walls shall be provided by one of the methods in Section R606.9.1.1 or Section R606.9.1.2.~~

R606.9.1.1 Bonding pattern. Reserved. ~~Fifty percent of the units at the intersection shall be laid in an overlapping masonry bonding pattern, with alternate units having a bearing of not less than 3 inches (76mm) on the unit below.~~

R606.9.1.2 Metal reinforcement. Reserved. ~~Interior nonload bearing walls shall be anchored at their intersections, at vertical intervals of not more than 16 inches (406 mm) with joint reinforcement of at least 9 gage, or 1/4 inch (6.4 mm) galvanized mesh hardware cloth. Intersecting masonry walls, other than interior nonload bearing walls, shall be anchored at vertical intervals of not more than 8 inches (203 mm) with joint reinforcement of at least 9 gage and shall extend at least 30 inches (762mm) in each direction at the intersection. Other metal ties, joint reinforcement or anchors, if used, shall be spaced to provide equivalent area of anchorage to that required by this section.~~

R606.9.2 Vertical lateral support. Reserved. ~~Vertical lateral support of masonry walls shall be provided in accordance with one of the methods in Section R606.9.2. 1 or Section R606.9.2.2.~~

R606.9.2.1 Roof structures. Reserved. ~~Masonry walls shall be anchored to roof structures with metal strap anchors spaced in accordance with the manufacturer's instructions, ½ inch (13 mm) bolts spaced not more than 6 feet (1829 mm) on center, or other approved anchors. Anchors shall be embedded at least 16 inches (406 mm) into the masonry, or b3e hooked or welded to bond beam reinforcement placed not less than 6 inches (152 mm) from the top of the wall..~~

R606.9.2.2 Floor diaphragms. Reserved. ~~Masonry walls shall be anchored to floor diaphragm framing by metal strap anchors spaced in accordance with the manufacturer's instructions, ½ inch diameter (13 mm) bolts spaced at intervals not to exceed 6 feet (1829 mm) and installed as shown in Figure R606.11(1), or by other approved methods.~~

Table R606.9 Spacing of Lateral Support for Masonry Walls. Delete table to read as follows:

TABLE R606.9
SPACING OF LATERAL SUPPORT FOR MASONRY WALLS
Reserved

~~CONSTRUCTION~~	~~MAXIMUM WALL LENGTH TO THICKNESS~~
~~Bearing walls:~~	~~20~~
~~Solid or solid grouted~~	~~18~~
~~Nonbearing walls:~~	~~18~~
~~Exterior~~	~~36~~

~~For SI: 1 foot = 304.8 mm.~~

~~a. Except for cavity walls and cantilevered walls, the thickness of a wall shall be its nominal thickness measured perpendicular to the face of the wall. For cavity walls, the thickness shall be determined as the sum of the nominal thicknesses of the individual wythes. For cantilever walls, except for parapets, the ratio of height to nominal thickness shall not exceed 6 for solid masonry, or 4 for hollow masonry. For parapets, see Section R606.2.4.~~

~~b. An additional unsupported height of 6 feet is permitted for gable end walls.~~

Section R606.10 Lintels. Change to read as follows:

R606.10 Lintels. Reserved. ~~Masonry over openings shall be supported by steel lintels, reinforced concrete or masonry lintels or masonry arches, designed to support load imposed~~.

Section R606.11 Anchorage. Change to read as follows:

R606.11 Anchorage. Reserved. ~~Masonry walls shall be anchored to floor and roof systems in accordance with the details shown in Figure R606. 11(1), R606.11(2), or R606.11(3). Footings may be considered as points of lateral support.~~

Figure R606.11(1)
Anchorage Requirements for Masonry Walls Located in Seismic Design Category A, B or C and Where Wind Loads are Less than 30 psf.
Reserved.

Section R606.13 Protection for reinforcement. Completely change to read as follows:

R606.13 ~~Protection for r~~Reinforcement. Reinforcing steel shall be a minimum of Grade 60 No. 5 or No. 4 bars and shall be identified in an approved manner. ~~Bars shall be completely embedded in mortar or grout. Joint reinforcement embedded in horizontal mortar joints shall not have less than $^{5}/_{8}$ inch (15.9 mm) mortar coverage from the exposed face. All other reinforcement shall have a minimum coverage of one bar diameter over all bars, but not less than ¾ inch (19.1 mm), except where exposed to weather or soil, in which case the mini- mum coverage shall be 2 inches (51 mm).~~

R606.13.1 Bundling. Bundling shall be permitted when two bars are required at the same location in a wall or in a bond beam.

R606.13.2 Splicing. Splices shall be lap splices. Non-contact lap splices shall be permitted provided reinforcing bars are not spaced farther apart than 5 inches. Splice lengths shall be in accordance with Table R606.13.2. and shall be a minimum of 25 inches for No. 5 bars and 20 inches for No. 4 bars.

TABLE 606.13.2
LAP SPLICE LENGTHS

Bar Size (No.)	Lap Length (in.)
3	15
4	20
5	25
6	42
7	59

R606.13.3 Bending. Reinforcement shall be bent in the shop or in the field. All reinforcement shall be bent cold. The diameter of the bend, measured on the inside of the bar, shall not be less than six-bar diameters. Reinforcement partially embedded in concrete shall not be field bent.

Exception: Where bending is necessary to align dowel bars with a vertical cell, bars partially embedded in concrete shall be permitted to be bent at a slope of not more than 1 inch of horizontal displacement to 6 inches of vertical bar length.

R606.13.4 Clearance from masonry. Reinforcing bars embedded in grouted masonry cells shall have a minimum clear distance between reinforcing bars and any face of a cell of ¼-inch for fine grout or ½-inch for coarse grout.

R606.13.5 Cover for reinforcing steel. Reinforcing bars used in masonry walls shall have a masonry cover, including grout, of not less than 2 inches for masonry units with face exposed to earth or weather and 1½-inch for masonry units not exposed to earth or weather.

R606.13.6 Joint reinforcement embedment. Longitudinal wires of joint reinforcement shall be fully embedded in mortar or grout with a minimum cover of ⅝- inch when exposed to earth or weather and ½-inch when not exposed to earth or weather.

R606.13.7 Cleanout openings. Cleanout openings shall be provided for cells containing spliced reinforcement when the grout pour exceeds 5 feet in height. Where cleanout openings are required, an opening shall be provided in the bottom course of the masonry cell to be filled. Cleanout openings shall have a minimum opening dimension of 3 inches.

R606.13.8 Termination. All vertical wall reinforcement shall be terminated by hooking into a bond beam or footing with a standard hook. Standard hooks shall be formed by bending the vertical wall reinforcement in accordance with Section R606.13.3 or shall be a prefabricated standard hook. Splices to standard hooks shall be lap splices with the minimum extension length beyond the bend for standard hooks of 10 inches for No. 5 bars and 8 inches for No. 4 bars. Hooks at bond beams shall extend to the uppermost horizontal reinforcement of the bond beam and shall be embedded a minimum of 6 inches into the bond beam as detailed in Figure R606.13A and Figure R606.13B. Where multiple bars are required, a single standard hook shall terminate into the bond beam or footing. In narrow footings where the width is insufficient to accommodate a standard 90-degree hook and provide the concrete cover required by Table 1907.7.1 of the *Florida Building Code, Building*, the hook shall be rotated in the horizontal direction until the required concrete cover is achieved.

R606.13.9 Continuity multi-story construction. Vertical wall reinforcement in multi-story construction shall extend through bond beams and shall be continuous with the vertical wall reinforcement of the wall above or be offset in accordance with Section R606.13.1 and Figure R606.13.9B.

Exception: Where more than one bar in the same cell is required for vertical wall reinforcement, only one bar shall be required to be continuous between stories.

R606.13.9.1 Offset reinforcement. Vertical reinforcement shall be permitted to be offset between floor levels. Reinforcement for the lower story shall be anchored into the upper floor level bond beam and reinforcement for the upper story shall be anchored into the bond beams above and below in accordance with Section R606.13.8 and Figures R606.13.9A and R606.13.9B.

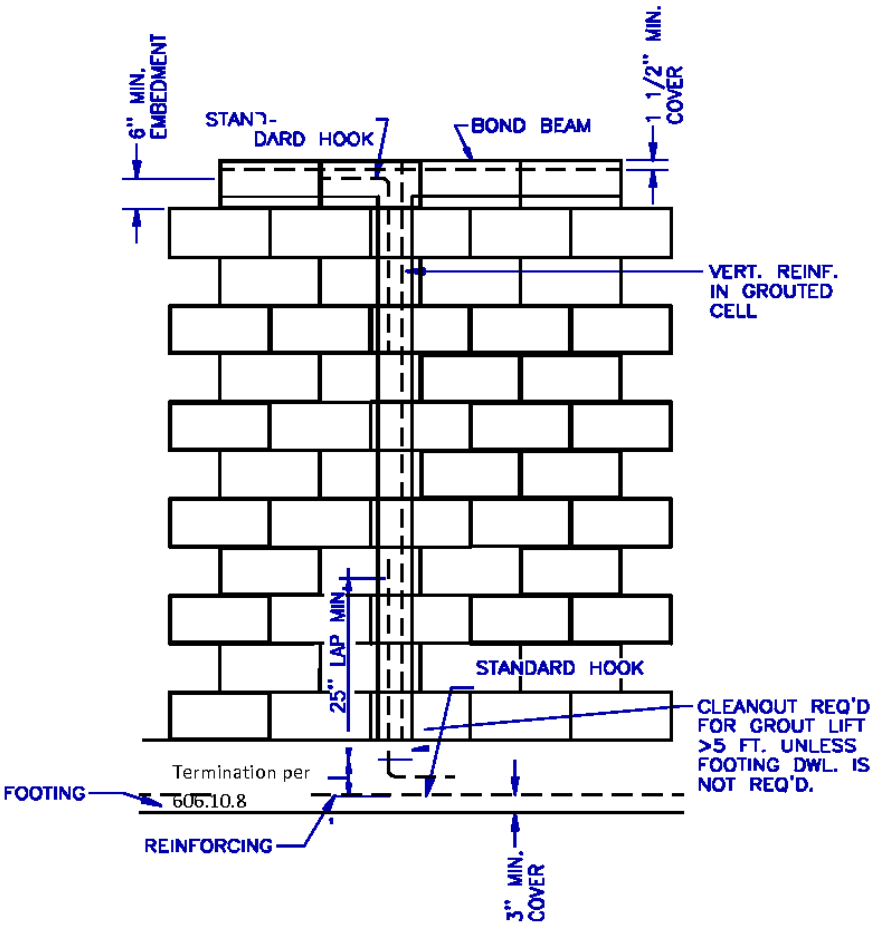


FIGURE R606.13.9A
CONTINUITY OF REINFORCEMENT
ONE STORY MASONRY WALL

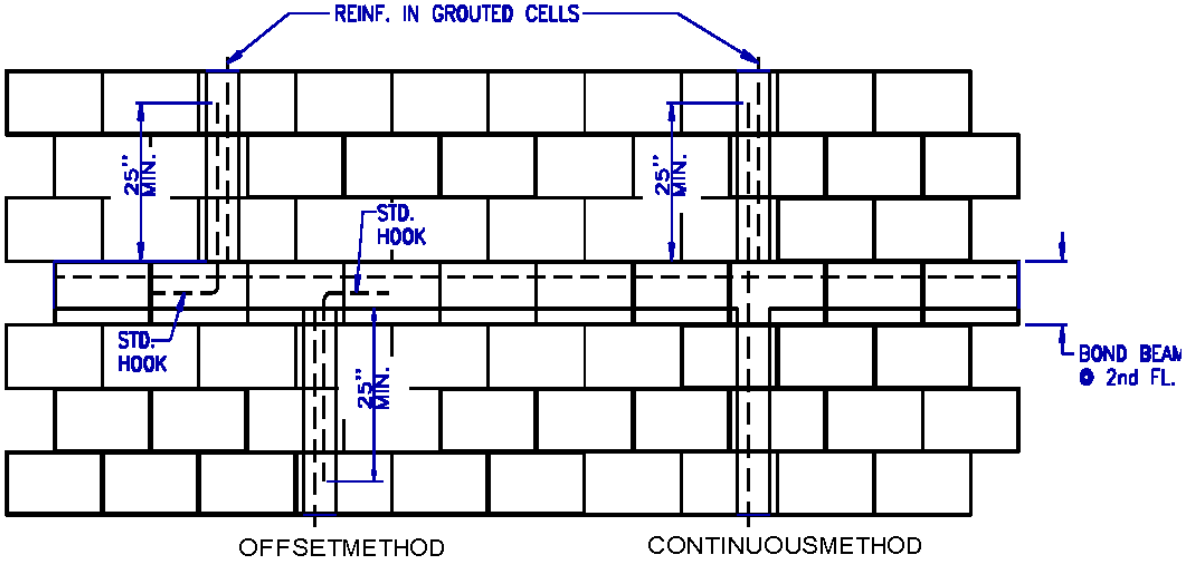


FIGURE R606.13.9B
CONTINUITY OF FIRST AND SECOND FLOOR VERTICAL WALL REINFORCEMENT

R606.14. Metal accessories. [No change to IRC text]

Date Submitted	4/26/2013	**Section**	607.1	**Proponent**	Joseph Belcher
Chapter	6	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects error

Rationale

In Mod 6017, Table R607.1 was inserted twice, once with type N and O mortar categories deleted, and once with them intact. Per Section R607, they should be deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None, corrects an error in submission.

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

None, corrects an error in submission.

Impact to industry relative to the cost of compliance with code

None, corrects an error in submission.

Requirements

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

Improves safety of public by correcting an error in submission.

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

Improves the code by correcting an error in submission.

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 code by correcting an error in submission.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

YES

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6186 Text Modification

See uploaded attachment.

In Mod 6017, Table R607.1 was inserted twice, once with type N and O mortar categories deleted, and once with them intact. Per Section R607, they should be deleted.

Section R607 Unit Masonry, including Table R607.1, Mortar Proportions. Change to read as shown:

SECTION R607
UNIT MASONRY

R607.1 Mortar. Mortar for use in masonry construction shall be either Type M or S with a f'm of 1500- psi in accordance with ~~comply with~~ ASTM C 270. ~~The type of mortar shall be in accordance with Sections R607. 1.1, and R607. 1.2~~ and shall meet the proportion specifications of Table R607.1 or the property specifications of ASTM C 270.

R607.1.1 – **R607.1.3** [No change to text]

Table R607.1 Mortar Proportions. Delete type N and O mortar in the table to read as shown:

TABLE R607.1
MORTAR PROPORTIONS[a, b]

			PROPORTIONS BY VOLUME (cementitious materials)							
Mortar	Type	Portland cement or blended cement	Mortar cement			Masonry cement			Hydrated lime[c] or lime putty	Aggregate ratio (measured in damp, loose conditions)
			M	S	~~N~~	M	S	~~N~~		
Cement-lime	M	1	--	--	—	--	--	—	¼	Not less than 2 ¼ and not more than 3 times the sum of separate volumes of lime, if used, and cement
	S	1	--	--	—	--	--	—	over ¼ to ½	
	~~N~~	~~1~~	—	--	—	--	--	—	over ½ to 1 ¼	
	~~O~~	~~1~~	--	--	—	--	--	—	over 1 ¼ to 2 ½	
Mortar cement	M	1	--	--	~~1~~	--	--	—	---	
	M	--	1	--	—	--	--	—		
	S	½	--	--	~~1~~	--	--	—		
	S	--	--	1	—	--	--	—		
	~~N~~	--	--	--	~~1~~	--	--	—		
	~~O~~	--	--	--	~~1~~	--	--	—		
Masonry cement	M	1				--	--	~~1~~	---	
	M	--				1	--	—		
	S	½				--	--	~~1~~		
	S	--				--	1	--		
	~~N~~	--				--	--	~~1~~		
	~~O~~	--				--	--	~~1~~		

For SI: 1 cubic foot = 0.0283 m3, 1 pound = 0.454 kg.

a. For the purpose of these specifications, the weight of 1 cubic foot of the respective materials shall be considered to be as follows:

Portland Cement	94 pounds
Masonry Cement	Weight printed on bag
Mortar Cement	Weight printed on bag
Hydrated Lime	40 pounds

Lime Putty (Quicklime)	80 pounds
Sand, damp and loose	80 pounds of dry sand

b. Two air-entraining materials shall not be combined in mortar.

c. Hydrated lime conforming to the requirements of ASTM C 207.

Date Submitted	4/23/2013	**Section**	609.2.2	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects reference to appropriate wind speed in masonry tables.

Rationale

Corrects wind speed reference in tables for prescriptive masonry design.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

Tables R609.2.2A-1 through R609.2.2A-4

Top left column:

"~~Wind Speed~~" "Vasd as determined in accordance with Section R301.2.1.3"

Date Submitted	4/23/2013	**Section**	609.3.2	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section numbering.

Rationale

Corrects section numbering.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6132 Text Modification

R609.3.2.1 Girders. At least one reinforcement bar shall be provided where girders or girder trusses bear on masonry walls.

Date Submitted	4/23/2013	**Section**	609.3.3	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects reference to appropriate wind speed in masonry tables.

Rationale

Corrects wind speed reference in tables for prescriptive masonry design.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

Tables R609.3.3A-1 through R609.2.2A-4:

Left column:

"~~Wind Speed~~" "Vasd as determined in accordance with Section R301.2.1.3"

Date Submitted	4/23/2013	**Section**	609.3.3	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects reference to appropriate wind speed in masonry tables.

Rationale

Corrects wind speed reference in tables for prescriptive masonry design.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

Tables R609.3.3B-1 through R609.2.2B-4:

Top row:

"~~Wind Speed~~" "Vasd as determined in accordance with Section R301.2.1.3"

Date Submitted	4/23/2013	**Section**	609.4	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects reference to appropriate wind speed in masonry tables.

Rationale

Corrects wind speed reference in tables for prescriptive masonry design.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

TABLE R609.4A WOOD GABLE BRACE NAILING

Add "Vasd as determined in accordance with Section R301.2.1.3" to the heading of the 2nd column

(No change to remainder of table).

Date Submitted	4/23/2013	**Section**	609.4	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects reference to appropriate wind speed in masonry tables. Adds a missing figure.

Rationale

Corrects wind speed reference in tables for prescriptive masonry design. A figure that has been part of this table since the 2006 Supplement to the 2004 FBCR was inadvertently left out. The figure shows the location of the roof and wall zones that are prescribed in Table R609.4B.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

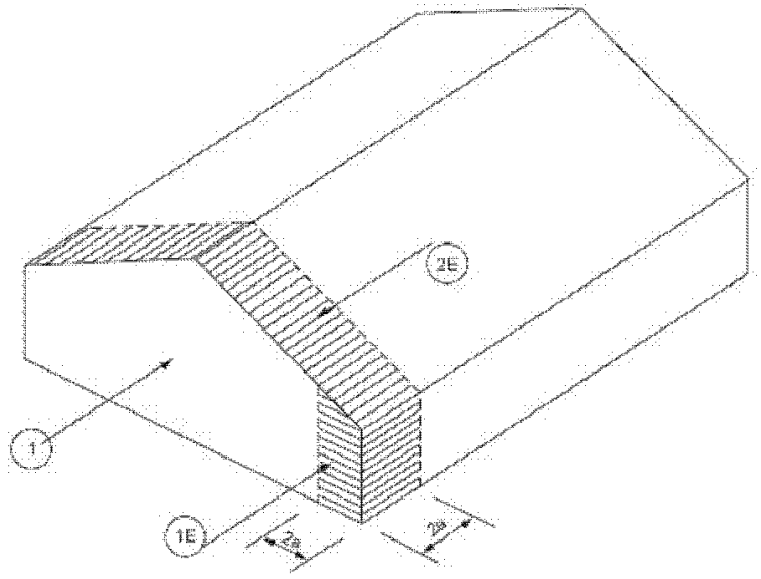
NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

TABLE R609.4B WOOD GABLE STUD CONNECTOR LOADS

Change "Wind Speed" to "Vasd as determined in accordance with Section R301.2.1.3" in heading of 2nd column.

Add the following figure to the bottom of Table R609.4B:



Date Submitted	4/23/2013	**Section**	609.4	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects reference to appropriate location for uplift connector loads.

Rationale

Corrects the reference to the appropriate location for obtaining the applicable connector loads.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

FIGURE R609.4

GABLE END BRACING FOR MASONRY WALLS

NOT CONTINUOUS TO THE ROOF DIAPHRAGM

Change "~~Uplift strap 100 lb (.44 kN) attach stud or per design~~" to "Connector rated for loads in Table R609.4B"

(no change to remainder of table)

Date Submitted	4/23/2013	**Section**	609.4	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects reference to appropriate location for anchor bolt spacing.

Rationale

Corrects the reference to the appropriate location for obtaining the applicable anchor bolt spacing.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

FIGURE R609.4.1

CONTINUOUS GABLE ENDWALL REINFORCEMENT

ONE AND MULTISTORY

Change "2X4 MINIMUM WOOD NAILER W/ 1/2" ANCHOR BOLTS SPACED PER TABLE R609.4.4~~610.13.5~~"

(no change to remainder of figure)

Date Submitted	4/23/2013	**Section**	609.5.1	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects shearwall table references for prescriptive masonry design.

Rationale

Corrects shearwall table references for prescriptive masonry design.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R609.5.1 Shearwall lengths. The required shearwall segment length shall be as set forth in Table R609.5.1A through Table<u>R609.5.1R</u> ~~R609.5.1F~~ as applicable.

Date Submitted	4/23/2013	**Section**	609.5.1	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects reference to appropriate wind speeds.

Rationale

Corrects the appropriate wind speed reference.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6141 Text Modification

Tables R609.5.1G through R609.5.1R

Change "~~Wind Speed~~" to "Vasd as determined in accordance with Section R301.2.1.3"

Date Submitted	4/25/2013	**Section**	609.5.1	**Proponent**	Joseph Belcher
Chapter	6	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Correct values and notes tio Tables R609.5.1A-F.

Rationale

Apparently I inadvertently uploaded the wrong tables. Values should be identical to FBCR 2010.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None. Corrects erroneous values.

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

None. Corrects erroneous values.

Impact to industry relative to the cost of compliance with code

None., Corrects erroneous values.

Requirements

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

Improves safety of general public by correcting erroneous values in tables related to structural design.

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

Improves the code by correcting erroneous values in tables related to structural design.

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

Increases the effectuveness of the code by correcting erroneous values in tables related to structural design.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

YES

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6183 **Text Modification**

See uploaded file for corrections to Tables R609.5.1A-F

TABLE R609.5.1A Grade 60
REQUIRED SHEARWALL LENGTH PARALLEL TO RIDGE NO. 4 REINFORCEMENT[1,2,3,5]
ROOF ANGLE ≤23°

		TOP STORY			1ST STORY OF 2 STORY OR 2ND STORY OF 3 STORY			1ST STORY OF 3 STORY		
		BUILDING WIDTH			BUILDING WIDTH			BUILDING WIDTH		
Exp-osure	Wind Speed	24	32	40	24	32	40	24	32	40
B	100	1.62	2.31	3.14	3.68	4.98	6.49	5.41	7.28	9.43
	110	1.96	2.79	3.80	4.45	6.03	7.85	6.55	8.81	11.42
	120	2.33	3.32	4.52	5.30	7.17	9.34	7.79	10.48	13.58
	130	2.73	3.90	5.31	6.22	8.42	10.96	9.14	12.30	15.94
	140	3.17	4.52	6.16	7.22	9.76	12.71	10.60	14.27	18.49
	150	3.64	5.19	7.07	8.28	11.21	14.59	12.17	16.38	21.23
C	100	1.92	2.77	3.82	4.86	6.63	8.69	7.56	10.15	13.13
	110	2.32	3.35	4.62	5.88	8.02	10.52	9.14	12.28	15.88
	120	2.76	3.99	5.50	7.00	9.54	12.52	10.88	14.61	18.90
	130	3.24	4.68	6.46	8.21	11.20	14.69	12.77	17.15	22.18
	140	3.76	5.43	7.49	9.53	12.99	17.04	14.81	19.89	25.73
	150	4.32	6.23	8.59	10.94	14.91	19.56	17.00	22.83	29.53

REQUIRED SHEARWALL LENGTH PARALLEL TO RIDGE NO. 5 REINFORCEMENT[1,2,3,6]
ROOF ANGLE ≤23°

		TOP STORY			1ST STORY OF 2 STORY OR 2ND STORY OF 3 STORY			1ST STORY OF 3 STORY		
Exp-osure	Wind Speed	BUILDING WIDTH			BUILDING WIDTH			BUILDING WIDTH		
		24	32	40	24	32	40	24	32	40
B	100	1.09	1.55	2.12	2.48	3.35	4.37	3.64	4.90	6.35
	110	1.32	1.88	2.56	3.00	4.06	5.28	4.41	5.93	7.68
	120	1.57	2.23	3.05	3.57	4.83	6.29	5.24	7.06	9.14
	130	1.84	2.62	3.57	4.19	5.67	7.38	6.16	8.28	10.73
	140	2.13	3.04	4.15	4.86	6.57	8.56	7.14	9.60	12.45
	150	2.45	3.49	4.76	5.58	7.54	9.82	8.19	11.02	14.29
C	100	1.29	1.86	2.57	3.27	4.46	5.85	5.09	6.83	8.84
	110	1.56	2.26	3.11	3.96	5.40	7.08	6.16	8.26	10.69
	120	1.86	2.68	3.70	4.71	6.42	8.43	7.33	9.84	12.72
	130	2.18	3.15	4.35	5.53	7.54	9.89	8.60	11.54	14.93
	140	2.53	3.65	5.04	6.41	8.74	11.47	9.97	13.39	17.32
	150	2.91	4.19	5.79	7.36	10.04	13.17	11.45	15.37	19.88

Notes:

1. The cumulative shear wall segment length for each side of the building shall be equal to or greater than the tabular shear wall length required. If the required shear wall segment length provided is not one continuous shear wall segment, the total shear wall length required shall be increased by 0.67 feet (8 inches) for each additional shear wall segment making up the total shear wall length on a side.
2. The minimum shear wall segment length shall be 2 feet-0 inches. Values less than 2 feet-0 inches are shown only for summation of shear wall segments and for interpolation purposes. A grouted cell with vertical reinforcement of the size indicated is required at each end of every shear wall segment.
3. Other than incidental utility penetrations, shearwall piers and shearwall segments shall not contain openings with a maximum

horizontal or vertical dimension of 5 inches for piers and 12 inches for portions of shearwall segments above and below piers. The total area of openings in any one segment of shearwall shall not exceed 144 square inches.

4. Required shearwall lengths normal (perpendicular) to the ridge are per lineal foot of building length. Multiply tabular values by building length (distance between adjacent shear walls perpendicular to the ridge if interior shear walls are used for total shear wall length required.
5. Shearwall lengths are based on shearwall segment height of 80 inches (2032 mm) (height from the floor to the top of the highest opening adjacent to the shear segment – corners and openings as permitted by footnote 3 of this table are not counted as openings) and shearwall segment length of 24 inches (610 mm).

Multiplier table unchanged.

TABLE 609.5.1B Grade 60
REQUIRED SHEARWALL LENGTH PARALLEL TO RIDGE NO. 4 REINFORCEMENT[1,2,3,5]
ROOF ANGLE 30°

		TOP STORY			1ST STORY OF 2 STORY OR 2ND STORY OF 3 STORY			1ST STORY OF 3 STORY		
Exp-	Wind	BUILDING WIDTH			BUILDING WIDTH			BUILDING WIDTH		
osure	Speed	24	32	40	24	32	40	24	32	40
B	100	1.66	2.45	3.40	3.55	4.92	6.49	5.18	7.13	9.36
	110	2.01	2.96	4.11	4.30	5.96	7.86	6.27	8.63	11.32
	120	2.39	3.52	4.89	5.12	7.09	9.35	7.46	10.27	13.47
	130	2.81	4.13	5.74	6.00	8.32	10.97	8.76	12.05	15.81
	140	3.26	4.79	6.66	6.96	9.65	12.73	10.15	13.98	18.34
	150	3.74	5.50	7.64	7.99	11.08	14.61	11.66	16.05	21.05
C	100	2.00	2.99	4.21	4.73	6.62	8.82	7.22	9.92	12.97
	110	2.42	3.62	5.10	5.72	8.01	10.67	8.74	12.00	15.70
	120	2.88	4.30	6.07	6.81	9.53	12.70	10.40	14.28	18.68
	130	3.37	5.05	7.12	7.99	11.19	14.90	12.20	16.76	21.92
	140	3.91	5.86	8.26	9.27	12.98	17.28	14.15	19.43	25.43
	150	4.49	6.73	9.48	10.64	14.90	19.84	16.25	22.31	29.19

REQUIRED SHEARWALL LENGTH PARALLEL TO RIDGE NO. 5 REINFORCEMENT[1,2,3,6]
ROOF ANGLE 30°

		TOP STORY			1ST STORY OF 2 STORY OR 2ND STORY OF 3 STORY			1ST STORY OF 3 STORY		
Exp-	Wind	BUILDING WIDTH			BUILDING WIDTH			BUILDING WIDTH		
osure	Speed	24	32	40	24	32	40	24	32	40
B	100	1.12	1.65	2.29	2.39	3.31	4.37	3.49	4.80	6.30
	110	1.35	1.99	2.77	2.89	4.01	5.29	4.22	5.81	7.62
	120	1.61	2.37	3.29	3.44	4.77	6.29	5.02	6.91	9.07
	130	1.89	2.78	3.86	4.04	5.60	7.39	5.89	8.11	10.64
	140	2.19	3.23	4.48	4.69	6.50	8.57	6.84	9.41	12.34
	150	2.52	3.71	5.14	5.38	7.46	9.83	7.85	10.80	14.17
C	100	1.34	2.01	2.84	3.18	4.46	5.93	4.86	6.67	8.73
	110	1.63	2.44	3.43	3.85	5.39	7.18	5.88	8.08	10.57
	120	1.94	2.90	4.08	4.58	6.42	8.55	7.00	9.61	12.57
	130	2.27	3.40	4.79	5.38	7.53	10.03	8.21	11.28	14.76
	140	2.63	3.94	5.56	6.24	8.74	11.63	9.53	13.08	17.12
	150	3.02	4.53	6.38	7.16	10.03	13.35	10.94	15.02	19.65

Notes:

1. The cumulative shear wall segment length for each side of the building shall be equal to or greater than the tabular shear wall length required. If the required shear wall segment length provided is not one continuous shear wall segment, the total shear wall length required shall be increased by 0.67 feet (8 inches) for each additional shear wall segment making up the total shear wall length on a side.
2. The minimum shear wall segment length shall be 2 feet-0 inches. Values less than 2 feet-0 inches are shown only for summation of shear wall segments and for interpolation purposes. A grouted cell with vertical reinforcement of the size indicated is required at each end of every shear wall segment.
3. Other than incidental utility penetrations, shearwall piers and shearwall segments shall not contain openings with a maximum horizontal or vertical dimension of 5 inches for piers and 12 inches for portions of shearwall segments above and below piers.

The total area of openings in any one segment of shearwall shall not exceed 144 square inches.

4. Required shearwall lengths normal (perpendicular) to the ridge are per lineal foot of building length. Multiply tabular values by building length (distance between adjacent shear walls perpendicular to the ridge if interior shear walls are used for total shear wall length required.
5. Shearwall lengths are based on shearwall segment height of 80 inches (2032 mm) (height from the floor to the top of the highest opening adjacent to the shear segment – corners and openings as permitted by footnote 3 of this table are not counted as openings) and shearwall segment length of 24 inches (610 mm).

Modifier table unchanged.

TABLE 609.1.5C Grade 60
REQUIRED SHEARWALL LENGTH PARALLEL TO RIDGE NO. 4 REINFORCEMENT[1,2,3,5]
ROOF ANGLE 45°

		TOP STORY			1ST STORY OF 2 STORY OR 2ND STORY OF 3 STORY			1ST STORY OF 3 STORY		
Exp-osure	Wind Speed	BUILDING WIDTH			BUILDING WIDTH			BUILDING WIDTH		
		24	32	40	24	32	40	24	32	40
B	100	2.11	3.24	4.64	2.11	5.72	7.73	5.77	8.17	11.00
	110	2.56	3.92	5.61	4.85	6.92	9.36	6.98	9.89	13.31
	120	3.05	4.67	6.68	5.77	8.23	11.13	8.31	11.77	15.85
	130	3.57	5.48	7.84	6.77	9.66	13.07	9.75	13.81	18.60
	140	4.15	6.35	9.09	7.85	11.20	15.16	11.31	16.02	21.57
	150	4.76	7.29	10.43	9.01	12.86	17.40	12.98	18.39	24.76
C	100	2.63	4.13	6.03	5.45	7.90	10.84	7.22	9.92	12.97
	110	3.18	4.99	7.30	6.60	9.56	13.12	8.74	12.00	15.70
	120	3.79	5.94	8.68	7.85	11.38	15.61	10.40	14.28	18.68
	130	4.45	6.97	10.19	9.21	13.35	18.32	12.20	16.76	21.92
	140	5.16	8.09	11.82	10.68	15.48	21.25	14.15	19.43	25.43
	150	5.92	9.28	13.57	12.26	17.77	24.39	16.25	22.31	29.19

REQUIRED SHEARWALL LENGTH PARALLEL TO RIDGE NO. 5 REINFORCEMENT[1,2,3,6]
ROOF ANGLE 45°

		TOP STORY			1ST STORY OF 2 STORY OR 2ND STORY OF 3 STORY			1ST STORY OF 3 STORY		
Exp-osure	Wind Speed	BUILDING WIDTH			BUILDING WIDTH			BUILDING WIDTH		
		24	32	40	24	32	40	24	32	40
B	100	1.42	2.18	3.12	2.70	3.85	5.21	3.88	5.50	7.41
	110	1.72	2.64	3.78	3.26	4.66	6.30	4.70	6.66	8.96
	120	2.05	3.14	4.49	3.88	5.54	7.50	5.59	7.92	10.67
	130	2.41	3.69	5.27	4.56	6.50	8.80	6.56	9.30	12.52
	140	2.79	4.27	6.12	5.29	7.54	10.20	7.61	10.78	14.52
	150	3.20	4.91	7.02	6.07	8.66	11.71	8.74	12.38	16.67
C	100	1.77	2.78	4.06	3.67	5.32	7.30	5.38	7.59	10.18
	110	2.14	3.36	4.91	4.44	6.43	8.83	6.51	9.19	12.32
	120	2.55	4.00	5.85	5.28	7.66	10.51	7.75	10.93	14.66
	130	2.99	4.69	6.86	6.20	8.99	12.33	9.09	12.83	17.21
	140	3.47	5.44	7.96	7.19	10.42	14.30	10.55	14.88	19.96
	150	3.98	6.25	9.13	8.26	11.96	16.42	12.11	17.09	22.91

Notes:

1. The cumulative shear wall segment length for each side of the building shall be equal to or greater than the tabular shear wall length required. If the required shear wall segment length provided is not one continuous shear wall segment, the total shear wall length required shall be increased by 0.67 feet (8 inches) for each additional shear wall segment making up the total shear wall length on a side.
2. The minimum shear wall segment length shall be 2 feet-0 inches. Values less than 2 feet-0 inches are shown only for summation of shear wall segments and for interpolation purposes. A grouted cell with vertical reinforcement of the size indicated is required at each end of every shear wall segment.
3. Other than incidental utility penetrations, shearwall piers and shearwall segments shall not contain openings with a maximum

horizontal or vertical dimension of 5 inches for piers and 12 inches for portions of shearwall segments above and below piers. The total area of openings in any one segment of shearwall shall not exceed 144 square inches.

4. Required shearwall lengths normal (perpendicular) to the ridge are per lineal foot of building length. Multiply tabular values by building length (distance between adjacent shear walls perpendicular to the ridge if interior shear walls are used for total shear wall length required.
5. Shearwall lengths are based on shearwall segment height of 80 inches (2032 mm) (height from the floor to the top of the highest opening adjacent to the shear segment – corners and openings as permitted by footnote 3 of this table are not counted as openings) and shearwall segment length of 24 inches (610 mm).

Modifier table unchanged.

TABLE R609.5.1D Grade 60
REQUIRED SHEARWALL LENGTH PERPENDICULAR TO RIDGE - NO. 4 REINFORCEMENT PER FOOT OF BUILDING LENGTH[1,2,3,4,5]
ROOF ANGLE 23°

		TOP STORY			1ST STORY OF 2 STORY OR 2ND STORY OF 3 STORY			1ST STORY OF 3 STORY		
Exp-osure	Wind Speed	BUILDING WIDTH			BUILDING WIDTH			BUILDING WIDTH		
		24	32	40	24	32	40	24	32	40
B	100	0.054	0.053	0.053	0.142	0.142	0.141	0.231	0.231	0.230
	110	0.065	0.065	0.064	0.172	0.172	0.171	0.279	0.279	0.278
	120	0.077	0.077	0.076	0.205	0.204	0.204	0.333	0.332	0.331
	130	0.091	0.090	0.089	0.240	0.240	0.239	0.390	0.390	0.389
	140	0.105	0.104	0.103	0.279	0.278	0.277	0.453	0.452	0.451
	150	0.121	0.120	0.119	0.320	0.319	0.318	0.520	0.519	0.518
C	100	0.075	0.075	0.074	0.199	0.199	0.198	0.324	0.323	0.322
	110	0.091	0.090	0.089	0.241	0.241	0.240	0.392	0.391	0.390
	120	0.108	0.108	0.106	0.287	0.287	0.285	0.466	0.466	0.464
	130	0.127	0.126	0.125	0.337	0.336	0.335	0.547	0.546	0.545
	140	0.147	0.147	0.145	0.391	0.390	0.388	0.635	0.634	0.632
	150	0.169	0.168	0.166	0.449	0.448	0.446	0.729	0.728	0.726

REQUIRED SHEARWALL LENGTH PERPENDICULAR TO RIDGE - NO. 5 REINFORCEMENT PER FOOT OF BUILDING LENGTH[1,2,3,4,6]
ROOF ANGLE 23°

		TOP STORY			1ST STORY OF 2 STORY OR 2ND STORY OF 3 STORY			1ST STORY OF 3 STORY		
Exp-osure	Wind Speed	BUILDING WIDTH			BUILDING WIDTH			BUILDING WIDTH		
		24	32	40	24	32	40	24	32	40
B	100	0.036	0.036	0.035	0.096	0.096	0.095	0.155	0.155	0.155
	110	0.044	0.043	0.043	0.116	0.116	0.115	0.188	0.188	0.187
	120	0.052	0.052	0.051	0.138	0.138	0.137	0.224	0.224	0.223
	130	0.061	0.061	0.060	0.162	0.162	0.161	0.263	0.262	0.262
	140	0.071	0.070	0.070	0.188	0.187	0.186	0.305	0.304	0.303
	150	0.081	0.081	0.080	0.215	0.215	0.214	0.350	0.349	0.348
C	100	0.051	0.050	0.050	0.134	0.134	0.133	0.218	0.218	0.217
	110	0.061	0.061	0.060	0.162	0.162	0.161	0.264	0.263	0.263
	120	0.073	0.072	0.072	0.193	0.193	0.192	0.314	0.313	0.313
	130	0.086	0.085	0.084	0.227	0.226	0.225	0.368	0.368	0.367
	140	0.099	0.099	0.097	0.263	0.263	0.261	0.427	0.427	0.425
	150	0.114	0.113	0.112	0.302	0.301	0.300	0.490	0.490	0.488

Notes:

1. The cumulative shear wall segment length for each side of the building shall be equal to or greater than the tabular shear wall length required. If the required shear wall segment length provided is not one continuous shear wall segment, the total shear

wall length required shall be increased by 0.67 feet (8 inches) for each additional shear wall segment making up the total shear wall length on a side.

2. The minimum shear wall segment length shall be 2 feet-0 inches. Values less than 2 feet-0 inches are shown only for summation of shear wall segments and for interpolation purposes. A grouted cell with vertical reinforcement of the size indicated is required at each end of every shear wall segment.
3. Other than incidental utility penetrations, shearwall piers and shearwall segments shall not contain openings with a maximum horizontal or vertical dimension of 5 inches for piers and 12 inches for portions of shearwall segments above and below piers. The total area of openings in any one segment of shearwall shall not exceed 144 square inches.
4. Required shearwall lengths normal (perpendicular) to the ridge are per lineal foot of building length. Multiply tabular values by building length (distance between adjacent shear walls perpendicular to the ridge if interior shear walls are used for total shear wall length required.
5. Shearwall lengths are based on shearwall segment height of 80 inches (2032 mm) (height from the floor to the top of the highest opening adjacent to the shear segment – corners and openings as permitted by footnote 3 of this table are not counted as openings) and shearwall segment length of 24 inches (610 mm).

Modifier table unchanged.

TABLE 609.5.1E
REQUIRED SHEARWALL LENGTH PERPENDICULAR TO RIDGE - NO. 4 REINFORCEMENT PER FOOT OF BUILDING LENGTH[1,2,3,4,5]
ROOF ANGLE 30°

		TOP STORY			1ST STORY OF 2 STORY OR 2ND STORY OF 3 STORY			1ST STORY OF 3 STORY		
Exp-	Wind	BUILDING WIDTH			BUILDING WIDTH			BUILDING WIDTH		
osure	Speed	24	32	40	24	32	40	24	32	40
B	100	0.088	0.102	0.117	0.166	0.180	0.195	0.243	0.257	0.272
	110	0.107	0.124	0.142	0.201	0.217	0.236	0.294	0.311	0.329
	120	0.127	0.147	0.169	0.239	0.259	0.280	0.350	0.371	0.392
	130	0.149	0.173	0.198	0.280	0.304	0.329	0.411	0.435	0.460
	140	0.173	0.200	0.230	0.325	0.352	0.382	0.477	0.504	0.534
	150	0.199	0.230	0.264	0.373	0.404	0.438	0.548	0.579	0.613
C	100	0.124	0.143	0.164	0.232	0.252	0.273	0.341	0.361	0.382
	110	0.150	0.173	0.199	0.281	0.305	0.330	0.413	0.437	0.462
	120	0.178	0.206	0.237	0.335	0.363	0.393	0.491	0.519	0.550
	130	0.209	0.242	0.278	0.393	0.426	0.461	0.577	0.610	0.645
	140	0.242	0.281	0.322	0.456	0.494	0.535	0.669	0.707	0.748
	150	0.278	0.322	0.370	0.523	0.567	0.614	0.768	0.812	0.859

REQUIRED SHEARWALL LENGTH PERPENDICULAR TO RIDGE - NO. 5 REINFORCEMENT PER FOOT OF BUILDING LENGTH[1,2,3,4,6]
ROOF ANGLE 30°

		TOP STORY			1ST STORY OF 2 STORY OR 2ND STORY OF 3 STORY			1ST STORY OF 3 STORY		
Exp-	Wind	BUILDING WIDTH			BUILDING WIDTH			BUILDING WIDTH		
osure	Speed	24	32	40	24	32	40	24	32	40
B	100	0.059	0.069	0.079	0.112	0.121	0.131	0.164	0.173	0.183
	110	0.072	0.083	0.095	0.135	0.146	0.159	0.198	0.210	0.222
	120	0.086	0.099	0.114	0.161	0.174	0.189	0.236	0.249	0.264
	130	0.100	0.116	0.133	0.189	0.204	0.222	0.277	0.293	0.310
	140	0.116	0.135	0.155	0.219	0.237	0.257	0.321	0.339	0.359
	150	0.134	0.155	0.177	0.251	0.272	0.295	0.369	0.390	0.412
C	100	0.083	0.096	0.111	0.156	0.170	0.184	0.230	0.243	0.257
	110	0.101	0.117	0.134	0.189	0.205	0.222	0.278	0.294	0.311
	120	0.120	0.139	0.159	0.225	0.244	0.265	0.331	0.350	0.370
	130	0.141	0.163	0.187	0.264	0.287	0.311	0.388	0.410	0.434
	140	0.163	0.189	0.217	0.307	0.333	0.360	0.450	0.476	0.504
	150	0.187	0.217	0.249	0.352	0.382	0.413	0.517	0.546	0.578

Notes:

1. The cumulative shear wall segment length for each side of the building shall be equal to or greater than the tabular shear wall length required. If the required shear wall segment length provided is not one continuous shear wall segment, the total shear wall length required shall be increased by 0.67 feet (8 inches) for each additional shear wall segment making up the total shear wall length on a side.

2. The minimum shear wall segment length shall be 2 feet-0 inches. Values less than 2 feet-0 inches are shown only for summation of shear wall segments and for interpolation purposes. A grouted cell with vertical reinforcement of the size indicated is required at each end of every shear wall segment.
3. Other than incidental utility penetrations, shearwall piers and shearwall segments shall not contain openings with a maximum horizontal or vertical dimension of 5 inches for piers and 12 inches for portions of shearwall segments above and below piers. The total area of openings in any one segment of shearwall shall not exceed 144 square inches.
4. Required shearwall lengths normal (perpendicular) to the ridge are per lineal foot of building length. Multiply tabular values by building length (distance between adjacent shear walls perpendicular to the ridge if interior shear walls are used for total shear wall length required.
5. Shearwall lengths are based on shearwall segment height of 80 inches (2032 mm) (height from the floor to the top of the highest opening adjacent to the shear segment – corners and openings as permitted by footnote 3 of this table are not counted as openings) and shearwall segment length of 24 inches (610 mm).

Modifier table unchanged.

TABLE R609.5.1F
REQUIRED SHEARWALL LENGTH PERPENDICULAR TO RIDGE - NO. 4 REINFORCEMENT PER FOOT OF BUILDING LENGTH[1,2,3,4,5]
ROOF ANGLE 45°

		TOP STORY			1ST STORY OF 2 STORY OR 2ND STORY OF 3 STORY			1ST STORY OF 3 STORY		
Exp-osure	Wind Speed	BUILDING WIDTH			BUILDING WIDTH			BUILDING WIDTH		
		24	32	40	24	32	40	24	32	40
B	100	0.118	0.142	0.168	0.196	0.220	0.246	0.273	0.297	0.323
	110	0.143	0.172	0.204	0.237	0.266	0.297	0.331	0.360	0.391
	120	0.170	0.205	0.242	0.282	0.317	0.354	0.393	0.428	0.466
	130	0.200	0.241	0.284	0.331	0.372	0.415	0.462	0.503	0.546
	140	0.232	0.279	0.330	0.384	0.431	0.482	0.536	0.583	0.634
	150	0.266	0.320	0.378	0.440	0.495	0.553	0.615	0.669	0.727
C	100	0.166	0.200	0.236	0.274	0.308	0.345	0.383	0.417	0.453
	110	0.200	0.241	0.285	0.332	0.373	0.417	0.464	0.505	0.549
	120	0.239	0.287	0.340	0.395	0.444	0.496	0.552	0.600	0.653
	130	0.280	0.337	0.399	0.464	0.521	0.582	0.647	0.705	0.766
	140	0.325	0.391	0.462	0.538	0.604	0.675	0.751	0.817	0.888
	150	0.373	0.449	0.531	0.617	0.694	0.775	0.862	0.938	1.020

REQUIRED SHEARWALL LENGTH PERPENDICULAR TO RIDGE - NO. 5 REINFORCEMENT PER FOOT OF BUILDING LENGTH[1,2,3,4,6]
ROOF ANGLE 45°

		TOP STORY			1ST STORY OF 2 STORY OR 2ND STORY OF 3 STORY			1ST STORY OF 3 STORY		
Exp-osure	Wind Speed	BUILDING WIDTH			BUILDING WIDTH			BUILDING WIDTH		
		24	32	40	24	32	40	24	32	40
B	100	0.080	0.096	0.113	0.132	0.148	0.165	0.184	0.200	0.218
	110	0.096	0.116	0.137	0.159	0.179	0.200	0.223	0.242	0.263
	120	0.115	0.138	0.163	0.190	0.213	0.238	0.265	0.288	0.313
	130	0.134	0.162	0.191	0.223	0.250	0.280	0.311	0.338	0.368
	140	0.156	0.188	0.222	0.258	0.290	0.324	0.361	0.392	0.427
	150	0.179	0.216	0.255	0.296	0.333	0.372	0.414	0.450	0.490
C	100	0.111	0.134	0.159	0.185	0.208	0.232	0.258	0.281	0.305
	110	0.135	0.163	0.192	0.223	0.251	0.281	0.312	0.340	0.369
	120	0.161	0.193	0.229	0.266	0.299	0.334	0.371	0.404	0.439
	130	0.188	0.227	0.268	0.312	0.351	0.392	0.436	0.474	0.516
	140	0.219	0.263	0.311	0.362	0.407	0.455	0.505	0.550	0.598
	150	0.251	0.302	0.357	0.416	0.467	0.522	0.580	0.632	0.687

Notes:

1. The cumulative shear wall segment length for each side of the building shall be equal to or greater than the tabular shear wall length required. If the required shear wall segment length provided is not one continuous shear wall segment, the total shear wall length required shall be increased by 0.67 feet (8 inches) for each additional shear wall segment making up the total shear wall length on a side.
2. The minimum shear wall segment length shall be 2 feet-0 inches. Values less than 2 feet-0 inches are shown only for summation of shear wall segments and for interpolation purposes. A grouted cell with vertical reinforcement of the size indicated

is required at each end of every shear wall segment.

3. Other than incidental utility penetrations, shearwall piers and shearwall segments shall not contain openings with a maximum horizontal or vertical dimension of 5 inches for piers and 12 inches for portions of shearwall segments above and below piers. The total area of openings in any one segment of shearwall shall not exceed 144 square inches.
4. Required shearwall lengths normal (perpendicular) to the ridge are per lineal foot of building length. Multiply tabular values by building length (distance between adjacent shear walls perpendicular to the ridge if interior shear walls are used for total shear wall length required.
5. Shearwall lengths are based on shearwall segment height of 80 inches (2032 mm) (height from the floor to the top of the highest opening adjacent to the shear segment – corners and openings as permitted by footnote 3 of this table are not counted as openings) and shearwall segment length of 24 inches (610 mm).

Date Submitted	4/23/2013	**Section**	609.5.3	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects reference to appropriate wind speeds.

Rationale

Corrects the appropriate wind speed reference.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

Table R609.53A

Change "~~Wind Speed~~" to "Vasd as determined in accordance with Section R301.2.1.3"

Date Submitted	4/23/2013	**Section**	609.5.3	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects reference to appropriate wind speeds.

Rationale

Corrects the appropriate wind speed reference.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

Table R609.5.3B

Change "~~Wind Speed~~" to "Vasd as determined in accordance with Section R301.2.1.3"

Date Submitted	4/24/2013	**Section**	609.5.4	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects reference to appropriate wind speeds.

Rationale

Corrects the appropriate wind speed reference.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

Table R609.5.4

Change "~~Wind Speed~~" to "Vasd as determined in accordance with Section R301.2.1.3"

Date Submitted	4/27/2013	**Section**	609.5	**Proponent**	Joseph Belcher
Chapter	6	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Add table for shear wall segment length modifiers inadvertently left out.

Rationale

Corrects an error by adding Note 5 and the table for multipliers for shear wall segment heights greater than 80 inches. The items were inadvertently left off the original proposal.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None, adds items inadvertently left out of code.

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

None, adds items inadvertently left out of code.

Impact to industry relative to the cost of compliance with code

None, adds items inadvertently left out of code.

Requirements

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

Improves safety by adding items inadvertently left out of code.

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

Improves safety by adding items inadvertently left out of 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

Improves safety by adding items inadvertently left out of code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

YES

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6229 Text Modification

See uploaded file. Table and Note were inadvertently left out of code change proiposal.

Add table for Length Multiplier for shear wall segments of heights greater than 80 inches after Note 5 of Tables 609.5.1A through 609.5.1F.

5. Shear wall lengths are based on shear wall segment heights of 80 inches (height from the floor to the top of the highest opening adjacent to the shear segment-corners and openings as permitted by Note 3 of this table are not considered for the purpose of this measurement). For shear segment heights other than 80 inches, multiply tabular length values as follows:

Segment Height (inches)	Length Multiplier
88	1.09
96	1.19
104	1.28
112	1.37

Date Submitted	4/24/2013	**Section**	609.6.3	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects note references within the prescriptive masonry design tables.

Rationale

Corrects the application of the notes within the prescriptive masonry tables. Revises the table number to follow the appropriate sequencing.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

TABLE R609.6.3.2(1) COMBINED BOND BEAM/LINTELS ONE STORY AND TOP STORY OF MULTI-STORY BUILDINGS

Delete the reference to "Notes 5 and 3" from within the table. (remainder of table unchanged)

TABLE R609.6.3.~~2.~~2(2) COMBINED BOND BEAM/LINTELS BOTTOM STORY OF TWO-STORY BUILDINGS, SECOND AND BOTTOM STORIES OF THREE STORY BUILDINGS - WOOD FLOOR SYSTEM

Revise table cell as follows:

Combined Bond Beam/Lintel 8" Thick Wall[1,2,4]

(remainder of table unchanged)

TABLE R609.6.3.2(3) COMBINED BOND BEAM/LINTELS BOTTOM STORY OF TWO-STORY BUILDINGS , SECOND AND BOTTOM STORIES OF THREE-STORY BUILDINGS - HOLLOWCORE FLOOR SYSTEM

Revise table cell as follows:

Combined Bond Beam/Lintel 8" Thick Wall[1,2,4]

(remainder of table unchanged)

Date Submitted	4/24/2013	**Section**	609.6	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects reference to appropriate wind speeds.

Rationale

Corrects the appropriate wind speed reference.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

Table R609.6.1.2(1)

Revise table headings as follows: (portions of table not shown are unchanged)

Roof Span	Uplift			
	Gravity (plf)	Vasd as determined in accordance with Section R301.2.1.3		
		100 mph	120 mph	140 mph

Date Submitted	4/24/2013	**Section**	611.2	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects the wind limitations for exterior concrete wall construction.

Rationale

Revises the wind limitations to clarify that the provisions of R611 for exterior concrete wall construction are limited to areas where the Vasd is less than 130 mph.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

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 $\underline{V_{asd}}$, 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 assigned to Seismic Design Category A or B, and detached one- and tw0-family dwellings assigned to Seismic Design Category C..

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

Date Submitted	4/24/2013	**Section**	611.6	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects the wind speed limits in the prescriptive tables for exterior concrete wall construction.

Rationale

Corrects the wind speed limts of the tables to clarify they are based on Vasd values.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

TABLE R611.6(1) MINIMUM VERTICAL REINFORCEMENT FOR FLAT ABOVE-GRADE WALLS

Top left column change "~~MAXIMUM WIND SPEED (mph)~~" to "MAXIMUM Vasd (mph) DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3"

(remainder of table unchanged)

TABLE R611.6(2) MINIMUM VERTICAL REINFORCEMENT FOR WAFFLE-GRID ABOVE-GRADE WALLS

Top left column change "~~MAXIMUM WIND SPEED (mph)~~" to "MAXIMUM Vasd (mph) DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3"

(remainder of table unchanged)

TABLE R611.6(3) MINIMUM VERTICAL REINFORCEMENT FOR 6-INCH SCREEN-GRID ABOVE-GRADE WALLS

Top left column change "~~MAXIMUM WIND SPEED (mph)~~" to "MAXIMUM Vasd (mph) DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3"

(remainder of table unchanged)

TABLE R611.6(4) MINIMUM VERTICAL REINFORCEMENT FOR FLAT, WAFFLE- AND SCREEN-GRID ABOVE-GRADE WALLS DESIGNED CONTINUOUS WITH FOUNDATION STEM WALLS

Top left column change "~~MAXIMUM WIND SPEED (mph)~~" to "MAXIMUM Vasd (mph) DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3"

(remainder of table unchanged)

Date Submitted	4/24/2013	**Section**	611.7	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects the wind speed limits in the prescriptive tables for exterior concrete wall construction.

Rationale

Corrects the wind speed limts of the tables to clarify they are based on Vasd values. Revises an incorrect section reference to ASCE 7 in the notes to the tables.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

TABLE R611.7(1A) UNREDUCED LENGTH, UR, OF SOLID WALL REQUIRED IN EACH EXTERIOR ENDWALL FOR WIND PERPENDICULAR TO RIDGE ONE STORY OR TOP STORY OF TWO STORY

Change "~~MAXIMUM WIND SPEED (mph)~~" to "MAXIMUM Vasd (mph) DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3"

Revise Note b to read:

b. Tabulated lengths in the "minimum" column are based on the requirements~~of Section 6.1.4.1~~ of ASCE 7 that the main windforce-resisting system be designedfor a minimum service level force of 10 psf multiplied by the area of the building projected onto a vertical plane normal to the assumed wind direction.Tabulated lengths in shaded cells are less than the "minimum" value. Where the minimum controls, it is permitted to be reduced in accordance with Notes c,d and e. See Section R611.7.1.1.

(remainder of table unchanged)

TABLE R611.7(1B) UNREDUCED LENGTH, UR, OF SOLID WALL REQUIRED IN EACH EXTERIOR ENDWALL FOR WIND PERPENDICULAR TO RIDGE FIRST STORY OF TWO STORY

Change "~~MAXIMUM WIND SPEED (mph)~~" to "MAXIMUM Vasd (mph) DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3"

Revise Note b to read:

b. Tabulated lengths in the "minimum" column are based on the requirements~~of Section 6.1.4.1~~ of ASCE 7 that the main windforce-resisting system be designedfor a minimum service level force of 10 psf multiplied by the area of the building projected onto a vertical plane normal to the assumed wind direction.Tabulated lengths in shaded cells are less than the "minimum" value. Where the minimum controls, it is permitted to be reduced in accordance with Notes c,d and e. See Section R611.7.1.1.

(remainder of table unchanged)

TABLE R611.7(1C) UNREDUCED LENGTH, UR, OF SOLID WALL REQUIRED IN EACH EXTERIOR SIDEWALL FOR WIND PARALLEL TO RIDGE

Change "~~MAXIMUM WIND SPEED (mph)~~" to "MAXIMUM Vasd (mph) DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3"

Revise Note b to read:

b. Tabulated lengths in the "minimum" column are based on the requirements~~of Section 6.1.4.1~~ of ASCE 7 that the main windforce-resisting system be designedfor a minimum service level force of 10 psf multiplied by the area of the building projected onto a vertical plane normal to the assumed wind direction.Tabulated lengths in shaded cells are less than the "minimum" value. Where the minimum controls, it is permitted to be reduced in accordance with Notes c,d and e. See Section R611.7.1.1.

(remainder of table unchanged)

Date Submitted	4/1/2013	**Section**	612.2	**Proponent**	Jack Glenn
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

6007

Summary of Modification

Submitted to eliminate conflict with FBC-Building Section 1710.5

Rationale

Eliminate conflict between building Volume and Residential volume.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None. Eliminates conflict.

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

None. Eliminates conflict.

Impact to industry relative to the cost of compliance with code

None. Eliminates conflict.

Requirements

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

Yes

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

Yes

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 code

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

NO

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6007 Approved by the Commission

1710.5 Exterior window and door assemblies. The design pressure rating of exterior windows and doors in buildings shall be determined in accordance with section 1710.5.1 or 1710.5.2.

Exception:

1. Structural wind design pressures for window units smaller than the size tested in accordance with 1710.5.1 and 1710.5.2 shall be permitted to be higher than the design value of the tested unit provided that such higher pressures are determined by accepted engineering analysis. All components of the small unit shall be the same as the tested unit. Where such design pressure calculations are used, they shall be validated by an additional test of the window having the highest allowable design pressure.

2. Custom doors. Custom (one-of-a-kind) exterior door assemblies shall be tested by an approved testing laboratory or be engineered in accordance with accepted engineering practices.

Recommended change to the Florida Building Code, Residential

R612.3.1 Comparative analysis. Structural wind load design pressures for window and door units ~~smaller~~ other than the size tested in accordance with Section R612.3 shall be permitted to be ~~higher~~ different than the design value of the tested unit provided such ~~higher~~ different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with section R612.3. All components of the ~~small~~ alternative size unit shall be the same as the tested or labeled unit~~. Where such calculated design pressures are used, they shall be validated by an additional test of the window unit having the highest allowable design pressure.~~

Exceptions:

i Operable windows and doors rated in this manner shall comply with the following:

1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.

2. Shall vary from the tested approved unit only in width, height or load requirements.

3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.

4. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.

5. Shall not exceed the air and water infiltration resistance of the tested approved unit.

6. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.

ii. Non-operable windows and doors rated in this manner shall comply with the following:

1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.

2. Shall vary from the tested approved unit only in width, height or load requirements.

3. The maximum uniform load distribution (ULD) of any side shall be equal to the uniform load carried by the side divided by the length of the side.

4. The ULD of any member shall not exceed the ULD of the corresponding member of the tested approved unit.

5. The ULD of each member shall be calculated in accordance with standard engineering analysis.

6. Shall not exceed the air and water infiltration resistance of the tested approved unit.

7. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.

R612.3.2 Door components evaluated by an approved product evaluation entity, certification agency, testing laboratory or engineer may be interchangeable in exterior door assemblies provided that the door components provide equal or greater structural performance as demonstrated by accepted engineering practices.

Date Submitted	4/25/2013	**Section**	612.2	**Proponent**	Dwight Wilkes
Chapter	6	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

5701, 5670

Summary of Modification

This corrects an unintended conflict based on previous actions taken to amend the Code, bring to the Residential code the same requirements as in the Building Code concerning OH Ratio, Labeling and Glass Strength as in the Building Code.

Rationale

This corrects an unintended conflict based on previous actions taken to amend the Code, bring to the Residential code the same requirements as approved for the Building Code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact as this corrects and correlates the codes

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

No impact as this corrects and correlates the codes

Impact to industry relative to the cost of compliance with code

No impact as this corrects and correlates the codes

Requirements

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

None - This corrects an unintended conflict based on previous actions taken to amend the Codes

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

Eliminates a conflict that would otherwise be created

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

This glitch correction makes the codes more effective and efficient

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [X] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

Section R612.2 Performance. Revise to read as shown:

R612.2 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 R612.3 and R612.5, design pressures determined from Table R301.2(2) or ASCE 7 are permitted to be multiplied by 0.6.

Section R612.3 Testing and labeling. Revise [Add a new section] to read as shown:

R612.3 Testing and labeling. Exterior windows and doors shall be tested by an *approved* independenttesting laboratory, and shall be labeled to indicate compliance with AAMA/WDMA/CSA 101/I.S.2/A440 or TAS 202 (HVHZ shall comply with TAS 202). Exterior side-hinged doors shall be tested and *labeled* as conforming to AAMA/WDMA/CSA 101/I.S.2/A440 or comply with Section R612.5.Exterior windows and doors shall be labeled with a permanent label, marking, or etching providing traceability to the manufacturer and product. The following shall also be required either on a permanent label or on a temporary supplemental label applied by the manufacturer: information identifying the manufacturer, the product model/series number, positive and negative design pressure rating, product maximum size, glazing thickness, impact-resistance rating if applicable, Florida Product Approval number or Miami-Dade Product Approval number, applicable test standard(s), and approved product certification agency, testing laboratory, evaluation entity or Miami-Dade Product Approval.

The labels are limited to one design pressure rating per reference standard. The temporary supplemental label shall remain on the window or door until final approval by the building official.

Exceptions:

1. Door assemblies installed in nonhabitable areas where the door assembly and area are designed to accept water infiltration need not be tested for water infiltration.

2. Door assemblies installed where the overhang (OH) ratio is equal to or more than 1 need not be tested for water infiltration. The overhang ratio shall be calculated by the following equation:
OH ratio = OH Length/OH Height

Where:

OH length = The horizontal measure of how far an overhang over a door projects out from door surface.

OH height = The vertical measure of the distance from the door sill to the bottom of the overhang over a door.

3. Pass-through windows for serving from a single-family kitchen, where protected by a roof overhang of 5 feet (1.5 m) or more shall be exempted from the requirements of the water infiltration test.

4.Decorative glazed openings.

Glass Strength: Products tested and labeled as conforming to ANSI/AAMA/NWWDA 101/ I.S.2 or ANSI/AAMA/WDMA/101/ I.S.2/NAFS or AAMA/WDMA/CSA 101/I.S.2/A440 or TAS 202 shall not be subject to the requirements of the Florida Building Code. Determination of load resistance of glass for specific loads of products not tested and certified in accordance with Section R 612.3 shall be designed to comply with ASTM E 1300.

R612.3.1 Comparative analysis. Change to read as shown:

R612.3.1 Comparative analysis. Structural wind load design pressures for window and door units other than the size tested in accordance with Section R612.3 shall be permitted to be differentthan the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with section R612.3. All components of the alternative size unit shall be the same as the tested or labeledunit.

R612.3.1.1 Comparative Analysis Label.
A temporary supplemental label conforming to AAMA 203, Procedural Guide for the Window Inspection and Notification System, shall be acceptable for establishing and communicating the calculated allowable design pressures higher than indicated on the label required by Section R612.6 for window or door sizes smaller than that required by the ANSI/AAMA/NWWDA 101/I.S.2 or ANSI/AAMA/WDMA 101/I.S.2/NAFS or AAMA/WDMA/CSA 101/I.S.2/A440 test requirements. This temporary supplemental label shall be applied by the manufacturer and remain on the window or door until final approval by the building official

Exceptions:

i Operable windows and doors rated in this manner shall comply with the following:

1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.

2. Shall vary from the tested approved unit only in width, height or load requirements.

3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.

4. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.

5. Shall not exceed the air and water infiltration resistance of the tested approved unit.

6. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.

ii. Non-operable windows and doors rated in this manner shall comply with the following:

1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.

2. Shall vary from the tested approved unit only in width, height or load requirements.

3. The maximum uniform load distribution (ULD) of any side shall be equal to the uniform load carried by the side divided by the length of the side.

4. The ULD of any member shall not exceed the ULD of the corresponding member of the tested approved unit.

5. The ULD of each member shall be calculated in accordance with standard engineering analysis.

6. Shall not exceed the air and water infiltration resistance of the tested approved unit.

7. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.

Section R612.2 Performance. Revise to read as shown:

R612.2 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 R612.3 and R612.5, design pressures determined from Table R301.2(2) or ASCE 7 are permitted to be multiplied by 0.6.

Section R612.3 Testing and labeling. Revise [Add a new section] to read as shown:

R612.3 Testing and labeling. Exterior windows and doors shall be tested by an *approved* independent testing laboratory, and shall be labeled to indicate compliance with AAMA/WDMA/CSA 101/I.S.2/A440 or TAS 202 (HVHZ shall comply with TAS 202). Exterior side-hinged doors shall be tested and *labeled* as conforming to AAMA/WDMA/CSA 101/I.S.2/A440 or comply with Section R612.5.Exterior windows and doors shall be labeled with a permanent label, marking, or etching providing traceability to the manufacturer and product. The following shall also be required either on a permanent label or on a temporary supplemental label applied by the manufacturer: information identifying the manufacturer, the product model/series number, positive and negative design pressure rating, product maximum size, glazing thickness, impact-resistance rating if applicable, Florida Product Approval number or Miami-Dade Product Approval number, applicable test standard(s), and approved product certification agency, testing laboratory, evaluation entity or Miami-Dade Product Approval.

The labels are limited to one design pressure rating per reference standard. The temporary supplemental label shall remain on the window or door until final approval by the building official.

Exceptions:

1. Door assemblies installed in nonhabitable areas where the door assembly and area are designed to accept water infiltration need not be tested for water infiltration.

2. Door assemblies installed where the overhang (OH) ratio is equal to or more than 1 need not be tested for water infiltration. The overhang ratio shall be calculated by the following equation:
OH ratio = OH Length/OH Height

Where:

OH length = The horizontal measure of how far an overhang over a door projects out from door surface.

OH height = The vertical measure of the distance from the door sill to the bottom of the overhang over a door.

3. Pass-through windows for serving from a single-family kitchen, where protected by a roof overhang of 5 feet (1.5 m) or more shall be exempted from the requirements of the water infiltration test.

4. Decorative glazed openings.

Glass Strength: Products tested and labeled as conforming to ANSI/AAMA/NWWDA 101/ I.S.2 or ANSI/AAMA/WDMA/101/ I.S.2/NAFS or AAMA/WDMA/CSA 101/I.S.2/A440 or TAS 202 shall not be subject to the requirements of the Florida Building Code. Determination of load resistance of glass for specific loads of products not tested and certified in accordance with Section R 612.3 shall be designed to comply with ASTM E 1300.

R612.3.1 Comparative analysis. Change to read as shown:

R612.3.1 Comparative analysis. Structural wind load design pressures for window and door units other than the size tested in accordance with Section R612.3 shall be permitted to be different than the design value of the tested unit provided such different pressures are determined by accepted engineering analysis or validated by an additional test of the window or door unit to the different design pressure in accordance with section R612.3. All components of the alternative size unit shall be the same as the tested or labeled unit.

R612.3.1.1 Comparative Analysis Label.
A temporary supplemental label conforming to AAMA 203, Procedural Guide for the Window Inspection and Notification System, shall be acceptable for establishing and communicating the calculated allowable design pressures higher than indicated on the label required by Section R612.6 for window or door sizes smaller than that required by the ANSI/AAMA/NWWDA 101/I.S.2 or ANSI/AAMA/WDMA 101/I.S.2/NAFS or AAMA/WDMA/CSA 101/I.S.2/A440 test requirements. This temporary supplemental label shall be applied by the manufacturer and remain on the window or door until final approval by the building official

Exceptions:

i Operable windows and doors rated in this manner shall comply with the following:

1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.

2. Shall vary from the tested approved unit only in width, height or load requirements.

3. Shall not exceed 100 percent of the proportional deflection for fiber stress of the intermediate members of the approved unit.

4. Shall not exceed 100 percent of the concentrated load at the juncture of the intermediate members and the frame of the approved unit.

5. Shall not exceed the air and water infiltration resistance of the tested approved unit.

6. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.

ii. Non-operable windows and doors rated in this manner shall comply with the following:

1. The frame area of the alternate size unit shall not exceed the frame area of the tested approved unit.

2. Shall vary from the tested approved unit only in width, height or load requirements.

3. The maximum uniform load distribution (ULD) of any side shall be equal to the uniform load carried by the side divided by the length of the side.

4. The ULD of any member shall not exceed the ULD of the corresponding member of the tested approved unit.

5. The ULD of each member shall be calculated in accordance with standard engineering analysis.

6. Shall not exceed the air and water infiltration resistance of the tested approved unit.

7. Shall not exceed the maximum cyclic pressure of the tested approved unit when tested per TAS 201 and TAS 203 or ASTM E 1886 and ASTM E 1996 where applicable.

This glitch will correlate the requirements found in the building code with the residential code by correcting the overlooked inclusion into the residential code. This code language is needed based upon the Building Commission's consensus Window workgroup that established a Florida Specific Need.

Structural

Part 2 - Proposed Code Modifications

Glitch Modifications

This document created by the Florida Department of Business and Professional Regulation - 850-487-1824

TAC: Structural

Total Mods for **Structural** in **Pending Review: 19**

Total Mods for report: 19

Sub Code: Residential

Date Submitted	4/1/2013	**Section**	612.3	**Proponent**	Jack Glenn
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

6012

Summary of Modification

Eliminates a conflict between Building volume and the Residential volume

Rationale

Remove conflict with Building Volume.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None. Eliminates conflict with FBC-B

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

None. Eliminates conflict with FBC-B

Impact to industry relative to the cost of compliance with code

None. Eliminates conflict with FBC-B

Requirements

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

Yes

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

Yes

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 code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

NO

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6012 - ***Provides for the interchange of door hardware when the hardware has been tested to the Florida Product criteria.***

1710.5.3 Door components evaluated by an approved product evaluation entity, certification agency, testing laboratory or engineer may be interchangeable in exterior door assemblies provided that the door components provide equal or greater structural performance as demonstrated by accepted engineering practices.

Recommended change to Residential volume to eliminate conflict with the Building Volume.

R612.3 Testing and labeling.
Exterior windows and sliding doors shall be tested by an *approved* independent laboratory, and bear a *label* identifying manufacturer, performance characteristics and *approved* inspection agency to indicate compliance with AAMA/WDMA/CSA 101/I.S.2/A440. Exterior side-hinged doors shall be tested and *labeled* as conforming to AAMA/WDMA/CSA 101/I.S.2/A440 or comply with Section R612.5.
Exception: Decorative glazed openings.

R612.3 Testing and labeling.
Exterior windows and sliding doors shall be tested by an *approved* independent laboratory, and bear a *label* identifying manufacturer, performance characteristics and *approved* inspection agency to indicate compliance with AAMA/WDMA/CSA 101/I.S.2/A440. Exterior side-hinged doors shall be tested and *labeled* as conforming to AAMA/WDMA/CSA 101/I.S.2/A440 or comply with Section R612.5.
Exception: Decorative glazed openings.

R612.3.1 Comparative analysis.
Structural wind load design pressures for window and door units smaller than the size tested in accordance with Section R612.3 shall be permitted to be higher than the design value of the tested unit provided such higher pressures are determined by accepted engineering analysis. All components of the small unit shall be the same as those of the tested unit. Where such calculated design pressures are used, they shall be validated by an additional test of the window or door unit having the highest allowable design pressure.

R612.3.2 Door components evaluated by an approved product evaluation entity, certification agency, testing laboratory or engineer may be interchangeable in exterior door assemblies provided that the door components provide equal or greater structural performance as demonstrated by accepted engineering practices.

Date Submitted	4/24/2013	**Section**	613.10	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Section R602.7, Figure R602.7.2, and Table R602.7.2 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R613.10 Headers. SIP headers shall be designed and constructedin accordance with Table R613.10 and FigureR613.5.1. SIPs headers shall be continuous sections withoutsplines. Headers shall be at least 117/8 inches (302 mm) deep.Headers longer than 4 feet (1219 mm) shall be constructed inaccordance with Section R602 ~~R602.7~~.

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~~.

Date Submitted	4/24/2013	**Section**	613.5.3	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Tables R602.3(1), Section R602.10, and Section R602.10.4 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

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)~~.

Date Submitted	4/24/2013	**Section**	613.5	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Tables R602.3(1) through R602.3(4) have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R613.5 Wall construction. Exterior walls of SIP constructionshall be designed and constructed in accordance with theprovisions of this section and Tables R613.5(1) andR613.5(2) and Figures R613.5(1) through R613.5(5). SIPwalls shall be fastened to other wood building components inaccordance withSection R602~~Tables R602.3(1) through R602.3(4)~~.

Framing shall be attached in accordance withSection R602~~TableR602.3(1)~~ unless otherwise provided for in Section R613.

Date Submitted	4/24/2013	**Section**	613.5	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects wind speed limitations.

Rationale

Corrects the wind speed limitations in the tables to clarify that they are Vasd limits.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

TABLE R613.5(1) MINIMUM THICKNESS FOR SIP WALL SUPPORTING SIP OR LIGHT-FRAME ROOF ONLY

Top left column of table change "~~WIND SPEED (3-second gust)~~" to "MAXIMUM Vasd DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3"

(remainder of table unchanged)

TABLE R613.5(2) MINIMUM THICKNESS FOR SIP WALLS SUPPORTING SIP OR LIGHT-FRAME ONE STORY AND ROOF

Top left column of table change "~~WIND SPEED (3-second gust)~~" to "MAXIMUM Vasd DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3"

(remainder of table unchanged)

Date Submitted	4/24/2013	**Section**	613.5	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Most of Section R602 has been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

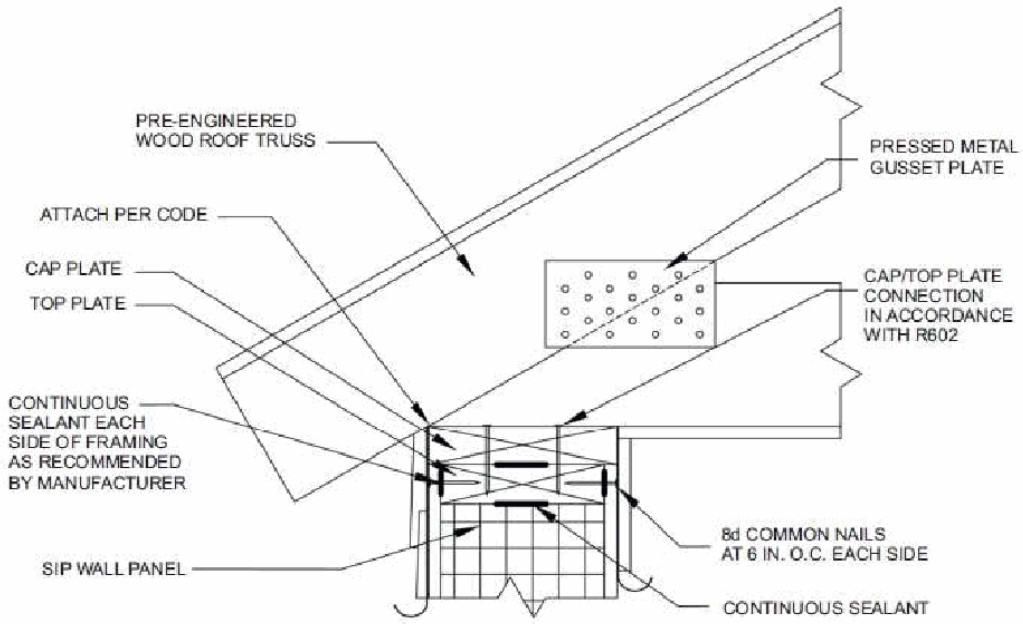
The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

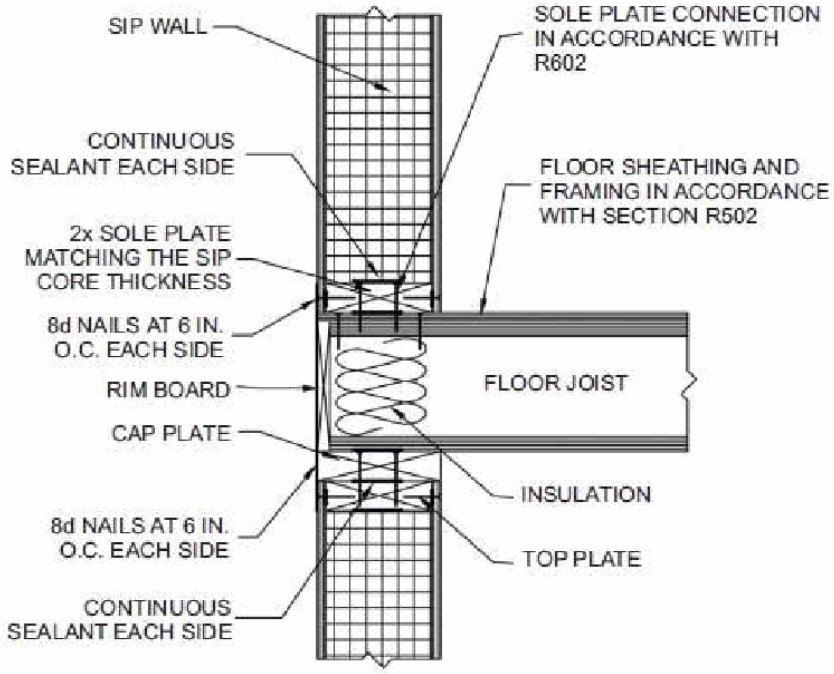
S6164 **Text Modification**

Replace Figures R613.5(3), R613.5(4), R613.5(5), and R613.5.1 with the figures in the attached file.



For SI: 1 inch = 25.4 mm.

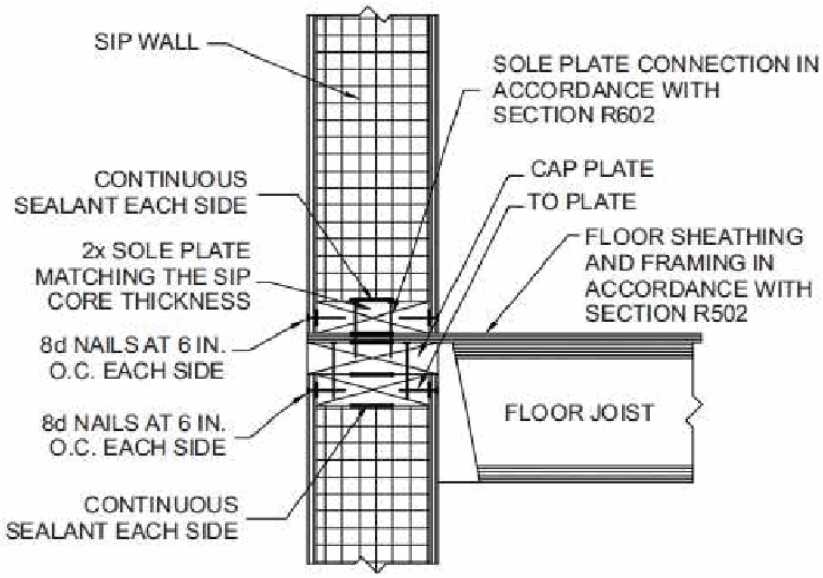
FIGURE R613.5(3) TRUSSED ROOF TO TOP PLATE CONNECTION



For SI: 1 inch = 25.4 mm.

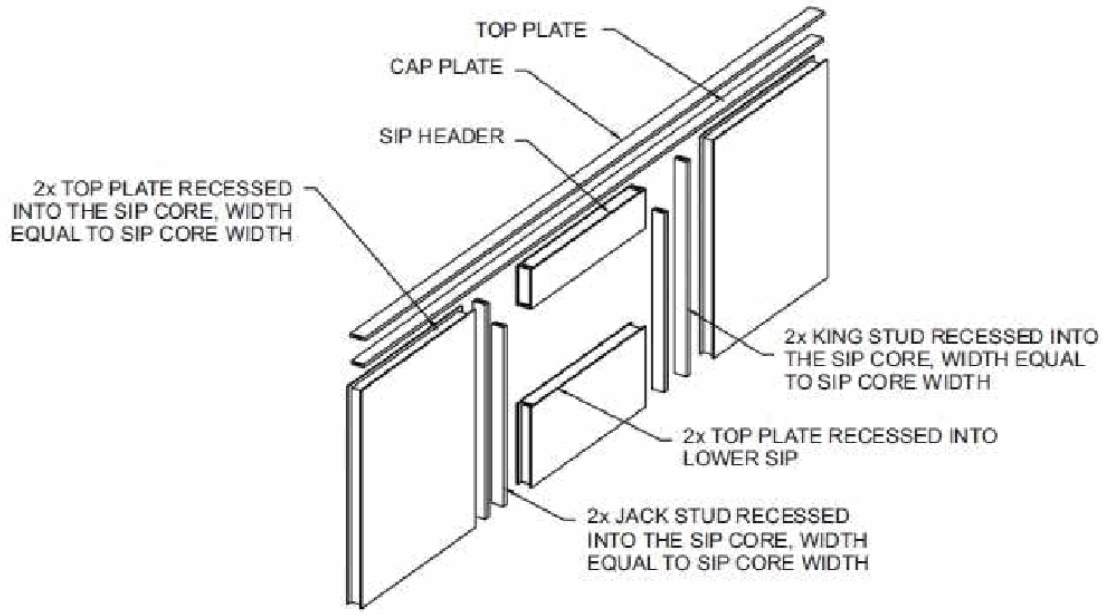
Note: Figures illustrate SIP-specific attachment requirements. Other connections shall be made in accordance with Section R602 as appropriate.

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 Section R602 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 2x 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 unless otherwise provide for in Section R613.

FIGURE R613.5.1 SIP WALL FRAMING CONFIGURATION

Date Submitted	4/24/2013	**Section**	613	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects the wind speed limits for exterior SIP wall construction.

Rationale

Corrects the wind speed limits for exterior SIP construction to clarify that they are based on Vasd.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

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 120 miles per hour (54 m/s), Exposure A or B or 110 mph (49 m/s) Exposure C, and a maximum ground snow load of 70 pounds per foot (3.35 kPa), and Seismic Design Categories A, B, and C.

Date Submitted	4/24/2013	**Section**	614.3	**Proponent**	T Stafford
Chapter	6	**Affects HVHZ**	No	**Attachments**	Yes

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Add missing figures for attachment of wood framed gable endwalls to masonry walls.

Rationale

Adds missing figures. These figures are referenced in Section R614.3.3 of the Supplement but were inadvertently not submitted with the referencing language. The figures are consistent with the 2010 FBCR.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

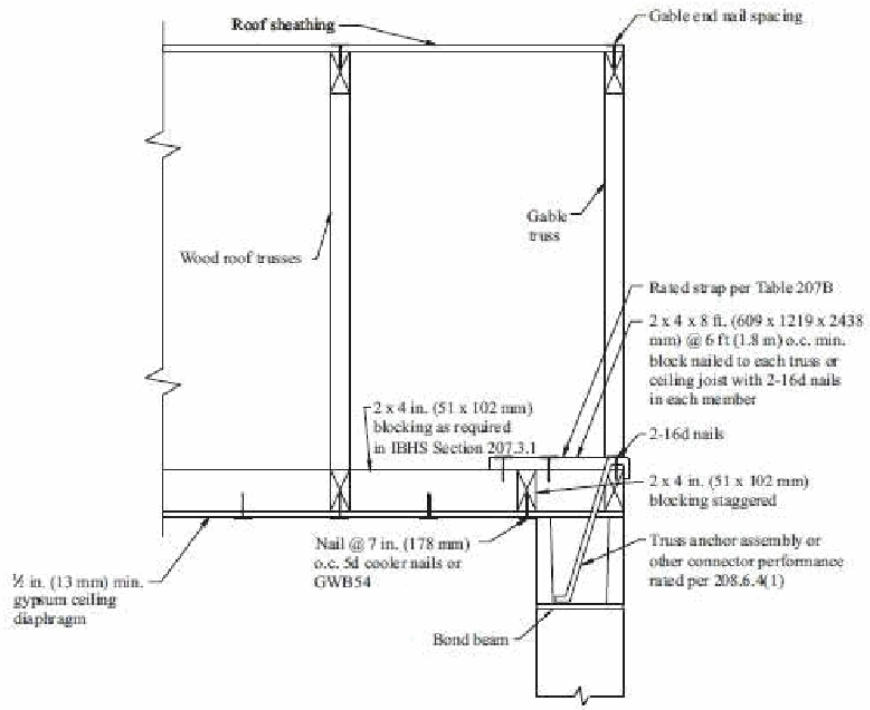
The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

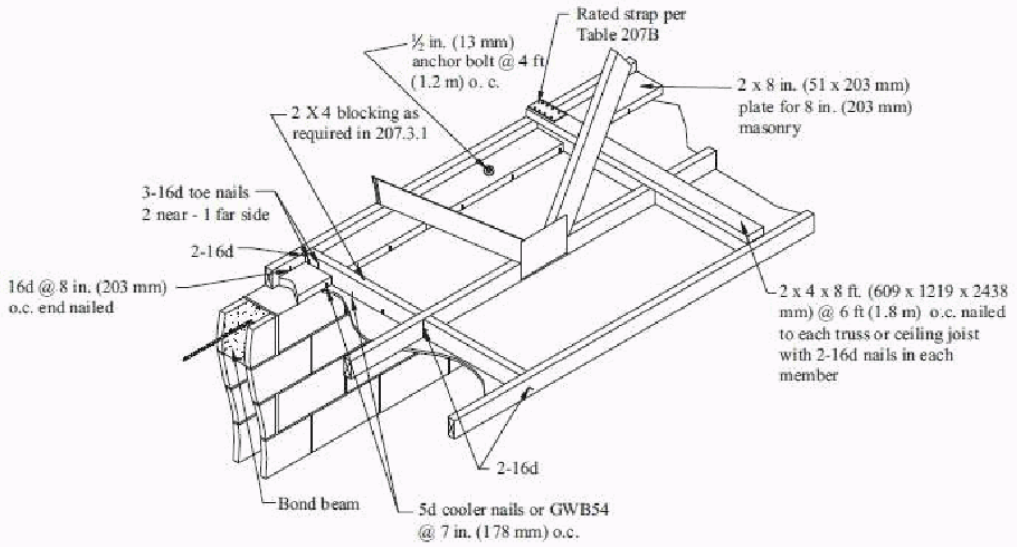
S6165 **Text Modification**

Add Figures R614.3(1) and R614.3(2) as shown in the attached file.



Note: For Table 207B, Section 207.3.1 and Section 208.6.4(1), see IBHS Guidelines for Hurricane Resistant Residential Construction. Ceiling diaphragms where provided shall comply with IBHS Section 207.2.

FIGURE R614.3(1) DIRECT TRUSS TO CONCRETE, MASONRY OR ICF WALL CONNECTION FOR GYPSUM BOARD CEILING DIAPHRAGM



Note: For Table 207B and Section 207.3.1, see IBHS Guidelines for Hurricane Resistant Residential Construction. Ceiling diaphragms where provided shall comply with IBHS Section 207.2.

FIGURE R614.3(2) DIRECT TRUSS TO CONCRETE, MASONRY OR ICF WALL FOR GYPSUM BOARD CEILING DIAPHRAGM

Date Submitted	4/24/2013	**Section**	702.3.5	**Proponent**	T Stafford
Chapter	7	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Table R602.3(1) has been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R702.3.5 Application. Maximum spacing of supports andthe size and spacing of fasteners used to attach gypsumboard shall comply with Table R702.3.5. Gypsum sheathingshall be attached to exterior walls in accordance withSection R602~~Table R602.3(1)~~. Gypsum board shall be applied at rightangles or parallel to framing members. All edges and endsof gypsum board shall occur on the framing members,except those edges and ends that are perpendicular to theframing members. Interior gypsum board shall not beinstalled where it is directly exposed to the weather or to water.

Date Submitted	5/1/2013	**Section**	703.11.2	**Proponent**	T Stafford
Chapter	7	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects a conflict within the updated code. Clarifies the vinyl siding attachment requirements over foam sheathing.

Rationale

Conflict with updated code. This comment simply clarifies the use vinyl siding over foam plastic sheathing. The original proposal provided information on what is required for wind speeds less than 140 mph but didn't specifically state exactly what was required where wind speeds are 140 mph and greater. This comment addresses this issue with new language clarifying that for wind speeds equal to or greater than 140 mph, foam sheathing has to be installed over a sheathing material that is design and attached to separately resist 100% of the wind load. This comment also makes needed corrections to the section numbering.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version? No

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R703.11.2 Foam plastic sheathing. Vinyl siding used with foam plastic sheathing shall be installed in accordance with Section R703.11.2.1 or R703.11.2.2.

Exception: Where the foam plastic sheathing is applied directly over wood structural panels, fiberboard, gypsum sheathing or other *approved* backing capable of independently resisting the design wind pressure, the vinyl siding shall be installed in accordance with Section R703.11.1.

R703.11.2.1 Design wind pressure rating. ~~Where the V_{ult} wind speed does not exceed 140 mph, t~~The design wind pressure rating of the vinyl siding for installation over solid sheathing as provided in the vinyl siding manufacturer's product specifications shall be adjusted for installation over foam plastic sheathing for the following wall assembly conditions:

1. Ultimate wind speeds, V_{ult}, greater than 115 mph and less than 130 mph:

a. For wall assemblies with foam plastic sheathing on the exterior side and gypsum wall board or equivalent on the interior side of the wall, the vinyl siding's design wind pressure rating shall be multiplied by 0.39.

b. For wall assemblies with foam plastic sheathing on the exterior side and no gypsum wall board or equivalent on the interior side of wall, the vinyl siding's design wind pressure rating shall be multiplied by 0.27.

The adjusted design pressure rating for the assembly shall meet or exceed the loads listed in Tables~~s~~ R301.2(2) adjusted for height and exposure using Table R301.2(3). Design pressures in Table R301.2(2) are permitted to multiplied by 0.6.

2. Ultimate wind speeds, V_{ult}, greater than 130 mph and less than 140 mph:

a. The vinyl siding's design wind pressure rating shall be multiplied by 0.27.

The adjusted design pressure rating for the assembly shall meet or exceed the loads listed in Tables~~s~~ R301.2(2) adjusted for height and exposure using Table R301.2(3). Design pressures in Table R301.2(2) are permitted to multiplied by 0.6.

3. Ultimate wind speeds, V_{ult}, equal to or greater than 140 mph:

Foam sheathing shall be installed over a sheathing material designed and attached to separately resist 100% of the wind load.

R703.11.2.2 ~~**R703.11.2.3**~~ **Manufacturer specification.** Where the vinyl siding manufacturer's product specifications provide an *approved* design wind pressure rating for installation over foam plastic sheathing, use of this design wind pressure rating shall be permitted and the siding shall be installed in accordance with the manufacturer's installation instructions.

Date Submitted	4/24/2013	**Section**	703.7	**Proponent**	T Stafford
Chapter	7	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Sections R602.10 and R603.9.5 have been deleted.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R703.7 Stone and masonry veneer, general. Stone and masonry veneer shall be installed in accordance with this chapter, Table R703.4 and Figure R703.7. These veneers installed over a backing of wood or cold-formed steel shall be limited to the first *story* above-grade plane and shall not exceed 5 inches (127 mm) in thickness. See Section R602.3~~R602.10~~ for wall bracing requirements for masonry veneer for wood-framed construction and Section R301.2.1.1~~R603.9.5~~ for wall bracing requirements for masonry veneer for cold-formed steel construction. The provisions of this section are limited to areas where the V_{asd} as determined in accordance with Section R301.2.1.3, is equal to or less than 130 mph.

Date Submitted	4/24/2013	**Section**	1001.12	**Proponent**	T Stafford
Chapter	10	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Fireblocking provisions have been moved to Section R602.2.1.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

R1001.12 Fireplace fireblocking. Fireplace fireblocking shall comply with the provisions of Section R602.2.1~~R602.8~~.

Date Submitted	4/24/2013	**Section**	1308.1	**Proponent**	T Stafford
Chapter	13	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Provisions for drilling and notching of wood members have been relocated. Provisions for drilling and notching of cold-formed steel have been deleted and refer to AISI S230.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

M1308.1 Drilling and notching. Wood-framed structural

members shall be drilled, notched or altered in accordancewith the provisions of Sections R502.1.11, R602.2.3, R602.2.3.1, and R802.1.8 ~~R502.8, R602.6, R602.6.1 and R802.7~~. Holes in load-bearing members of cold-formed steel light-frame construction shall be permitted only inaccordance withAISI S230~~Sections R505.2.5, R603.2.5 and R804.2.5~~. In accordance with the provisions of AISI S230 ~~Sections R505.3.5, R603.3.4 and R804.3.4~~, cutting and notching of flanges and lips of load-bearing members of cold-formed steel light frameconstruction shall not be permitted. Structural insulated panels(SIPs) shall be drilled and notched or altered in accordancewith the provisions of Section R613.7.

Date Submitted	4/24/2013	**Section**	1601	**Proponent**	T Stafford
Chapter	16	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Provisions for fireblocking have been moved to Section R602.2.1.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

M1601.1.1 Above-ground duct systems. Revise Item 7.4 as follows: (no change to remainder of section)

7.4. Stud wall cavities and joist-space plenumsshall be isolated from adjacent concealedspaces by tight-fitting fireblocking in accordancewith SectionR602.2.1~~R602.8~~.

M1601.4.4 Fireblocking. Duct installations shall be fireblockedin accordance with SectionR602.2.1~~R602.8~~.

Date Submitted	4/24/2013	**Section**	1801.9	**Proponent**	T Stafford
Chapter	18	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Provisions for fireblocking have been moved to Section R602.2.1.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exihibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

S6175 Text Modification

M1801.9 Fireblocking. Vent and chimney installations shallbe fireblocked in accordance with SectionR602.2.1~~R602.8~~.

Date Submitted	4/24/2013	**Section**	2101.6	**Proponent**	T Stafford
Chapter	21	**Affects HVHZ**	No	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

Summary of Modification

Corrects section references.

Rationale

Corrects section references. Provisions for drilling and notching of wood members have been relocated. Provisions for drilling and notching of cold-formed steel have been deleted and refer to AISI S230.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entities.

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

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

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

Corrects a conflict within the updated code.

Does not degrade the effectiveness of the code

Corrects a conflict within the updated code.

Is the proposed code modification part of a prior code version?

YES

The provisions contained in the proposed amendment are addressed in the applicable international code?

NO

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variation addressed by the foundation code and why the proposed amendment applies to the state?

YES

The proposed amendment was submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process?

NO

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

M2101.6 Drilling and notching. Wood-framed structural members shall be drilled, notched or altered in accordancewith the provisions of Sections R502.1.11, R602.2.3, R602.2.3.1, and R802.1.8 ~~R502.8, R602.6, R602.6.1 and R802.7~~. Holes in load bearing members of cold-formedsteel light-frame construction shall be permitted only inaccordance with AISI S230 ~~Sections R505.2.5, R603.2.5 and R804.2.5~~.In accordance with the provisions of AISI S230 ~~Sections R505.3.5, R603.3.4 and R804.3.4~~, cutting and notching of flanges andlips of load-bearing members of cold-formed steel lightframe construction shall not be permitted. Structural insulated panels (SIPs) shall be drilled and notched or altered in accordancewith the provisions of Section R613.

Date Submitted	4/24/2013	**Section**	6	**Proponent**	Jaime Gascon
Chapter	1	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

None.

Summary of Modification

Correlates language in section 6.1.2 to that in 6.1.1, and clarifies that equipment calibration is needed for both mecanical and hydraulic pull testers.

Rationale

The option of both hydraulic or mecanical equipment to perform needs to be stated to correct the conflict with section 6.1.1 where both are provided as options. The calibration section is also clarified to apply to both types.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Cost savings by correcting a conflict between sections.

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

Cost savings by correcting a conflict between sections.

Requirements

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

Corrects a glitch by requiring calibration of both equipment options.

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

Corrects a glitch by requiring calibration of both equipment options.

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

Corrects a glitch by requiring calibration of both equipment options.

Does not degrade the effectiveness of the code

Improves the code by correcting a glitch.

Is the proposed code modification part of a prior code version? No

[X] (a.) Conflicts within the updated code;

[ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

[ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

[ ] (d.) Equivalency of standards;

[ ] (e.) Changes to or inconsistencies with federal or state law;

[ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

6. Apparatus

6.1 Insulation and Membrane Attachment Testing

6.1.1 The test apparatus shall consist of a hydraulic or mechanically operated dynamometer ("pull-tester") fitted with a hydraulic gauge cell to measure force. The resulting force shall be recorded on a digital or analog gauge. For anchor or base sheet fasteners (commonly referred to as "base ply" fasteners) and other fastener anchors with an anticipated withdrawal resistance less than 100 lbf., the tester and test procedure shall be in compliance with the requirements set forth in this TAS.

6.1.2 Hydraulic or mechanical dynamometers shall be operated by a screw or pump handle or shall be automatically rising at 2 in. (50 mm) + 0.1 in. per minute for steel and wood decks and 1/2 in. (12.5 mm) + 0.1 in. per minute for concrete, gypsum and cementitious wood fiber decks.

6.2 Anchor or Base Sheet Attachment Testing

6.2.1 The test apparatus shall consist of a minimum 31/2 in. x 31/2 in. octagon nylon mesh or 15 mil coated polyester fabric test pad, with a center hole through which the fastener is driven into the deck. The internal hole shall be of sufficient size to allow the fastener legs to pass through without touching the test pad.

6.2.2 The test pad shall be reinforced where attached to the dynamometer to resist tearing.

6.2.3 The dynamometer shall be hydraulic or mechanical and shall be fitted with a hydraulic gauge cell. The resulting force shall be recorded on a digital or analog gauge. The dynamometer shall automatically rise at 1/2 in. (12.5 mm) + 0.1 in. per minute for lightweight concrete, gypsum and cementitious wood fiber testing and 2 in. (50 mm) + 0.1 in. per minute for all other nailable deck types.

6.3 ~~Hydraulic d~~Dynamometers ("pull-testers") shall be calibrated within three (3) months prior to conducting the test procedures outlined in this TAS. Facsimiles of the calibration shall be kept with the tester for examination by the authority having jurisdiction, upon request. A copy of the calibration certificate shall be attached to each test report. Calibration shall be in compliance with ASTM E 74, Grade B.

Date Submitted	4/24/2013	**Section**	11.2.5	**Proponent**	Jaime Gascon
Chapter	1	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

None

Summary of Modification

Correlate conflict between requirements in section 11.2.5 and the two report templates in the protocol.

Rationale

Section 11.2.5 of the protocol requires this information and the template does not provide for this information to be recorded.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Corrects a conflict and will reduce the need to reject filed test reports for missing information.

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

Corrects a conflict and will reduce the need to reject filed test reports for missing information.

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

Corrects a conflict and will reduce the need to reject filed test reports for missing information.

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

Corrects a conflict and requires all labs to report the information consistently.

Does not degrade the effectiveness of the code

Improves the code by correcting a conflict.

Is the proposed code modification part of a prior code version? No

- [X] (a.) Conflicts within the updated code;
- [ ] (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;
- [ ] (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;
- [ ] (d.) Equivalency of standards;
- [ ] (e.) Changes to or inconsistencies with federal or state law;
- [ ] (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

11. Report:

11.1 Refer to ASTM E 575 for general use in reporting structural performance tests of building assemblies.

11.2 For either bell chamber tests or bonded pull tests, the final report shall include the following:

...

11.2.5 Dates of tests, air and roof surface temperatures, wind velocity.

...

TESTING APPLICATION STANDARD (TAS) 124-11
BELL CHAMBER TEST RESULTS

...

TEST INFORMATION:

Number of Tests: n = _____
(see Section 7.1 of TAS 124)
(note the locations of all tests on
"Building Information" Detail #2, attached)

Maximum Uplift Pressure: Pmax = _____psf
(as noted on the roof system manufacturer's Product Approval)

Date of test: _____

Air temperature: _____

Roof surface temperature: _____

Wind velocity during test: _____

...

TESTING APPLICATION STANDARD (TAS) 124-11
BONDED PULL TEST RESULTS

...

TEST INFORMATION:

Number of Tests: n = _____
(see Section 7.1 of TAS 124)
(note the locations of all tests on
"Building Information" Detail #2, attached)

Maximum Uplift Pressure: Pmax = _____psf

(as noted on the roof system manufacturer's Product Approval)

Date of test: _____

Air temperature: _____

Roof surface temperature: _____

Wind velocity during test: _____

Date Submitted	4/24/2013	**Section**	6.5	**Proponent**	Jaime Gascon
Chapter	1	**Affects HVHZ**	Yes	**Attachments**	No

TAC Recommendation Pending Review
Commission Action Pending Review

Related Modifications

None

Summary of Modification

Separate the temperature requirement into its own section; 6.6.

Rationale

This requirement was intended to have its own sub-section in section 6, but was inadvertently printed together with sub-section 6.5.

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. This is already a requirement and makes the protocol clearer.

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

The correction improves the code by clearly listing the requirements.

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

It improves the code by making it clearer.

Is the proposed code modification part of a prior code version? No

☐ (a.) Conflicts within the updated code;

☐ (b.) Conflicts between the updated code and the Florida Fire Prevention Code adopted pursuant to chapter 633;

☒ (c.) Unintended results from the integration of previously adopted Florida-specific amendments with the model code;

☐ (d.) Equivalency of standards;

☐ (e.) Changes to or inconsistencies with federal or state law;

☐ (f.) Adoption of an updated edition of the National Electrical Code if the commission finds that delay of implementing the updated edition causes undue hardship to stakeholders or otherwise threatens the public health, safety, and welfare.

6.5 Assemblies shall be tested with no resultant failure or distress and shall have a recovery of at least 90% over maximum deflection. ~~Test Temperature. The test shall be conducted at a test temperature range of 59 to 95 degrees F (15 to 35 degrees C).~~

6.6 Test Temperature. The test shall be conducted at a test temperature range of 59 to 95 degrees F (15 to 35 degrees C).