

850-487-1824

Total Mods for Fire in Approved as Modified: 2

Total Mods for report: 31

# Sub Code: Existing Building

5158				Page 3 of 10	5
ate Submitted 7/16/2	2012	Section 1102	Proponent	Ken Cureton	
hapter 11		Affects HVHZ No	Attachments	No	
AC Recommendation	Approved as Modific Pending Review	ed			
<u>Comments</u>					
General Comments	No	Alternate Language	No		
Related Modifications					
None					
Summary of Modificatio					
Modify SECTION 1	102.3				
Existing Building C change process for legislative mandate Fiscal Impact Statement	ode (IEBC) base code r the update to the 20 es as well as the Florid	tatutes, the proposed modification will s with Florida specific requirements in a 13 Florida Building Code. The proposed a Building Codes – Accessibility and E	ccordance with the Cor I modification is necess	mmission's approved code	
•	tity relative to enforce sed language is curre	ement of code ntly adopted by the 2010 Florida Buildir	ng Code.		
		relative to cost of compliance with control of the second state of			
• •		<b>f compliance with code</b> ntly adopted by the 2010 Florida Buildir	ng Code.		
Requirements					
		ection with the health, safety, and well his Modification is currently included in t	• .		
Yes. The Pro Does not discrimin	pposed language for the second	provides equivalent or better product his Modification is currently included in t s, products, methods, or systems of co e for this Modification is currently include	he 2010 Florida Buildir	ng Code. strated capabilities	
-	the effectiveness of t The Proposed languag	<b>he code</b> Je for this Modification is currently includ	ded in the 2010 Florida	Building Code.	
Is the proposed code modif YES	ication part of a prior co	ode version?			
The provisions contained ir NO	ı the proposed amendm	ent are addressed in the applicable interna	itional code?		

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

The proposed code change was submitted in accordance with the Commission's update process for the 2013 FBC in order to implement legislative mandates as well as the Florida Building Codes – Accessibility and Energy Conservation.

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

Modify **SECTION 1102.3** as follows:

**1102.3 Fire protection systems.** Existing fire allowable areas increased by the addition shall comply with Chapter 9 of the *International Building Code*. *Florida Building Code*, *Building*.

**Exception:** If an existing warehouse is expanded, the addition must comply with the requirements in Chapter 9 of the *Florida Building Code, Building*; however, the existing warehouse need not be updated to meet those requirements so long as it is in compliance with the Florida Building Code, 2001 edition, and with requirements concerning automatic sprinkler systems in Section 903 of the *Florida Building Code, Building*.

# Alternate Language

,	mate Lungt					
<u>1s</u>	t Commei	nt Period History	08/09	9/2012 - 09/23/2012	2	Page 5 of 105
	Proponent	Jack Glenn	Submitted	9/23/2012	Attachments	Yes
5158-A1	Rationale The coreect of Fiscal Impact Impact to loc no differn Impact to but no differn Impact to indu no differn Requirements Has a reason no differn Strengthens no differn Does not dis no differn	term in the current code is F Statement cal entity relative to enforce ice from original submittal filding and property owners ice from original submittal ustry relative to the cost of fince from original submittal s nable and substantial conn- ice from original submittal or improves the code, and ice from original submittal	ire area not allowable are ment of code relative to cost of comp compliance with code ection with the health, sa provides equivalent or b s, products, methods, or	ea. liance with code afety, and welfare of t		iction
	no differn	ce from original submittal				
		ed code modification part o	f a prior code version?	No		
<u>1s</u>	<u>Commen</u>	t Period History	08/0	9/2012 - 09/23/2012	2	

Proponent BOAF CDC Submitted 9/17/2012 Attachments No							
	Proponent	BOAF CDC	Submitted	9/1//2012	Attachments	No	

#### Comment:

Because a code provision was in the 2010 FBC does not make it Florida specific.

The amendment does not demonstrate by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variations addressed by the foundation code. Per FS 553.73 (7) (g)

The proposed amendment was does not appear to have been submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process.

<u>1st Commen</u>	t Period History		08/09/2	2012 - 09/23/2012	
Proponent	Ken Cureton	Submitted	9/21/2012	Attachments	No

#### Comment:

The proposal provides for provisions with regard to allowable area increase for existing warehouse as per SB 2836.

22/12/2012 2013 Triennial

Modify SECTION 1102.3 as follows:

**1102.3 Fire protection systems.** Existing fire <u>allowable</u> areas increased by the addition shall comply with Chapter 9 of the *International Building Code*. *Florida Building Code*, *Building*.

**Exception:** If an existing warehouse is expanded, the addition must comply with the requirements in Chapter 9 of the *Florida Building Code, Building*; however, the existing warehouse need not be updated to meet those requirements so long as it is in compliance with the Florida Building Code, 2001 edition, and with requirements concerning automatic sprinkler systems in Section 903 of the *Florida Building Code, Building*.

The proper term is "Fire" area not allowable area.

**1102.3 Fire protection systems.** Existing <u>fire allowable</u> areas increased by the addition shall comply with Chapter 9 of the *International Building Code*. <u>Florida Building Code</u>, <u>Building</u>.

No change to proposed exception

Date Submitted 7/28/	2012	Section R202	Proponent	Joseph Belcher
chapter 2		Affects HVHZ No	Attachments	Yes
AC Recommendation ommission Action	Approved as Mo Pending Review		·	
<u>Comments</u>				
General Comments	No	Alternate Language	No	
Related Modifications R310.4 Summary of Modification				
	means of escape.			
	•	ange to R310.4.bring forward provisions to be beneficial to Florida citizens.	that have been in the FB	C since the first edition. The
storm is of extrem ingress of firefight escape; however, perform a rescue	e importance.The o ers wearing full bun the opening size st or to climb into the r	protection of openings, even emergence original intent for requiring such opening- liker gear and self-contained breathing a ipulated is still based on the ability of a room. The provisions as currently contain cy and structural integrity during a high	s was to provide an openi apparatus. The provisions fully bunkered firefighter to ined in the code create a	ng of adequate size for the have evolved to emphasize or each into the window and
		sk of fire during a hurricane, structural in		
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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

Modify SECTION R202 as follows:

MEANS OF ESCAPE. A way out of a building or structure that does not conform to the strict definition of means of egress but does provide an alternate way out. A means of escape consists of a door, stairway, passage or hall providing a way of unobstructed travel to the outside at street or ground level. It may also consist of a passage through an adjacent nonlockable space, independent of and remotely located from the means of egress, to any approved exit.

MEANS OF ESCAPE. A way out of a building or structure that does not conform to the strict definition of means of egress but does provide an alternate way out. A means of escape consists of a door, stairway, passage or hall providing a way of unobstructed travel to the outside at street or ground level. It may also consist of a passage through an adjacent nonlockable space, independent of and remotely located from the means of egress, to any approved exit.

The State of Florida is the only of the contiguous states where the entire land mass is a hurricane prone region. Historically, Florida has endured numerous land falls from hurricanes and special attention is merited for the installation of hurricane protection.

The amendment will be submitted to the ICC Group B Code Change Cycle for the 2015 International Residential Code.

Total Mods for Fire in Approved as Submitted: 23

Total Mods for report: 31

# Sub Code: Building

F5639				Page 16 o <sup>2</sup> 105
Date Submitted	7/25/2012	Section 202	Proponent	Joseph Belcher
Chapter	1	Affects HVHZ Yes	Attachments	Yes
TAC Recommenda Commission Actio				
<u>Comments</u>				
General Comment	ts No	Alternate Languaç	ge No	
Related Modifica	itions			
Summary of Mod				
Adds defini	ition for Means of Escape			
Rationale				
resistant co	overings when a storm thr	.1.4.5 permitting temporary covering of eatens.	emergency escape and resc	ue opeings with impact
Fiscal Impact Sta		forcoment of code		
•	ocal entity relative to ent npact. This has been in F			
•	<b>building and property ow</b> npact. This has been in F	ners relative to cost of compliance wind BC since 2001 Edition.	ith code	
•	ndustry relative to the connumber of the	ost of compliance with code BC since 2001 Edition.		
Requirements				
The o allow Strengthen The o of a s Does not d The o The o threa	change has a reasonable ring the protection of all op is or improves the code, change strengthens and i storm and has been in the liscriminate against mate change does not discrimin legrade the effectiveness change improves the effe	ctiveness of the code by providing an a n in the code since the 2001 Edition	are of the general public beca d has been in the code since oducts, methods, or systems mate allowing the protection of of construction of demonstru- ods, or systems of constructio	ause it is part of a system the 2001 Edition. of construction of all openings during the threat rated capabilities n of demonstrated capabilities.
The provisions con NO	ntained in the proposed ame	endment are addressed in the applicable ir	nternational code?	
	e beyond the needs or region	data that the geographical jurisdiction of lonal variation addressed by the foundation		gthen

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

MEANS OF ESCAPE. As used in Section 1008.1.4.5, a way out of a building or structure that does not conform to the strict definition of means of egress but does provide an alternate way out. A means of escape consists of a door, stairway, passage or hall providing a way of unobstructed travel to the outside at street or ground level. It may also consist of a passage through an adjacent nonlockable space, independent of and remotely located from the means of egress, to any approved exit.

Page: 1

The State of Florida is the only of the contiguous states where the entire land mass is a hurricane prone region. Historically, Florida has endured numerous land falls from hurricanes and special attention is merited for the installation of hurricane protection.

The timing was insufficient to get into the ICC Group A Code Change Cycle for the 2015 International Building Code and will be submitted to the next available cycle. The amendment will be submitted to the ICC Group B Code Change Cycle for the 2015 International Residential Code.

F5191				Pac	ge 20 of <sup>4</sup> 105
Date Submitted	7/16/2012	Section 202	Proponent	Joe Bigelow	
1	2	Affects HVHZ No	Attachments	No	
TAC Recommendat Commission Action		tted			
<u>Comments</u>					
General Comments	No	Alternate Language	No		
Related Modification	ons				
Summary of Modif	ication				
	tent with the Florida Statutes	s and to implement the Commission plan	to update the 2013 C	Code	
Rationale	tent with the Florida Statute	s and to implement the Commission plan	to undate the 2013 (	`ode	
Fiscal Impact State			to update the 2013 C	Jule	
Impact to loc	cal entity relative to enforce	ement of code de, no new requirements being establishe	ed		
Impact to bu	ilding and property owners	relative to cost of compliance with cod de, no new requirements being establishe	e		
•	dustry relative to the cost o tly used under the 2010 Coo	f compliance with code de, no new requirements being establishe	ed		
Requirements					
		ection with the health, safety, and welfard tested and proven to be effective	re of the general pub	lic	
-	•	provides equivalent or better products, d tested and proven to be effective	methods, or system	s of construction	
	•	a, products, methods, or systems of con d tested and proven to be effective	struction of demons	trated capabilities	
	grade the effectiveness of t d over from the previous, fiel	<b>he code</b> Id tested and proven to be effective			
Is the proposed code	e modification part of a prior co	de version?			
YES					
The provisions conta NO	ined in the proposed amendm	ent are addressed in the applicable internation	onal code?		
	beyond the needs or regional v	that the geographical jurisdiction of Florida variation addressed by the foundation code a		ngthen	

**Explanation of Choice** 

To be consistent with the Florida Statutes and to implement the Commission plan to update the 2013 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

F5191-G1

# **1st Comment Period History**

## 08/09/2012 - 09/23/2012

Proponent	Ken Cureton	Submitted	9/21/2012	Attachments	No		

#### Comment:

The proposal provides for carbon monoxide control provisions as per 553.885 FS and definition of townhouse as per 481 FS.

# ADDITION. An extension or increase in floor area, number of stories or height of a building or structure.

# [F] CARBON DIOXIDE EXTINGUISHING SYSTEMS. See Section 902.1.

CARBON MONOXIDE ALARM. A device for the purpose of detecting carbon monoxide, that produces a distinct audible alarm, and is listed or labeled with the appropriate standard, either ANSI/UL 2034 - 96, Standard for Single and Multiple Station CO Alarms, or UL 2075 - 04, Gas and Vapor Detector Sensor, in accordance with its application.

Add to read as shown.

<u>SEPARATE ATMOSPHERE</u>. The atmosphere that exists between rooms, spaces, or areas that are separated by an approved smoke barrier.

**TOWNHOUSE.** A single-family dwelling unit constructed in a group of three or more attached units <u>with property</u> <u>lines separating each unit</u> in which each unit extends from foundation to roof and with open space on at least two sides.

F5105				Page	22 o <sup>5</sup> 105
Date Submitted 7	7/12/2012	Section 307	Proponent	Joe Bigelow	
Chapter 3	-	Affects HVHZ No	Attachments	No	
TAC Recommendation	on Approved as Submi Pending Review	tted			
<u>Comments</u>					
General Comments	No	Alternate Language	No		
Related Modification	ns				
Summary of Modific	cation				
To be consiste	ent with the Florida Statute	s and to implement the Commission plan	to update the 2013 (	Code	
Rationale					
To be consiste	ent with the Florida Statutes	s and to implement the Commission plan	to update the 2013 (	Code	
Fiscal Impact Stater					
•	al entity relative to enforce ly used under the 2010 Cod	ement of code de, no new requirements being establishe	ed		
•	• • • •	relative to cost of compliance with coo de, no new requirements being established			
•	ustry relative to the cost o ly used under the 2010 Coo	f compliance with code de, no new requirements being establishe	ed		
Requirements					
		ection with the health, safety, and welfa d tested and proven to be effective	re of the general put	blic	
•	•	provides equivalent or better products, d tested and proven to be effective	, methods, or system	ns of construction	
	•	s, products, methods, or systems of cor d tested and proven to be effective	nstruction of demons	strated capabilities	
	rade the effectiveness of t	-			
Carried	over from the previous, fie	ld tested and proven to be effective			
Is the proposed code r YES	modification part of a prior co	ode version?			
-					
The provisions contair NO	ned in the proposed amendm	ent are addressed in the applicable internati	ional code?		
	eyond the needs or regional	that the geographical jurisdiction of Florida variation addressed by the foundation code		engthen	

Explanation of Choice

To be consistent with the Florida Statutes and to implement the Commission plan to update the 2013 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

# **1st Comment Period History**

## 08/09/2012 - 09/23/2012

Proponent	Ken Cureton	Submitted	9/21/2012	Attachments No	

### Comment:

The proposal provides for provisions specific to retail sale sparklers as per 791.01 FS. F5105-G1

## Section 307 High-Hazard Group H

**[F] 307.1 High-hazard Group H. [F] 307.1 High-hazard Group H.** High-hazard Group H occupancy includes, among others, the use of a building or structure, or a portion thereof, that involves the manufacturing, processing, generation or storage of materials that constitute a physical or health hazard in quantities in excess of those allowed in *control areas* complying with Section 414, based on the maximum allowable quantity limits for control areas set forth in Tables 307.1(1) and 307.1(2). Hazardous occupancies are classified in Groups H-1, H-2, H-3, H-4 and H-5 and shall be in accordance with this section, the requirements of Section 415 and the *Florida Fire Prevention Code*. Hazardous materials stored, or used on top of roofs or canopies shall be classified as outdoor storage or use and shall comply with the *Florida Fire Prevention Code*.

**Exceptions:** The following shall not be classified in Group H, but shall be classified in the occupancy that they most nearly resemble:

14. Mercantile occupancies offering for retail sale sparklers, novelties and trick noisemakers as defined at Section 791.01, *Florida Statutes*, and that are not defined as fireworks by Chapter 791, *Florida Statutes*. Storage of sparklers and other novelties or trick noisemakers as defined in Chapter 791, Florida Statutes, within mercantile occupancies shall be in accordance with Section 791.055, Florida Statutes.

http://www.floridabuilding.org/Upload/Modifications/Rendered/Mod\_5105\_TextOfModification\_1.png

Page: 1

F5106			<u>.</u>	Page 24 o	ρ <sup>6</sup> 105
Date Submitted	7/12/2012	Section 505.2	Proponent	Joe Bigelow	
Chapter	5	Affects HVHZ No	Attachments	No	
TAC Recommenda Commission Actio					
Comments					,
General Comment	is No	Alternate Language	No		
Related Modifica	tions				
Summary of Mod	lification				
To be cons	istent with the Florida	Statutes and to implement the Commission	plan to update the 2013 Co	ode	
Rationale	istent with the Florida	Statutes and to implement the Commission	plan to update the 2013 C	ode	
Fiscal Impact Sta					
Impact to le	ocal entity relative to	enforcement of code 010 Code, no new requirements being estab	blished		
•	• • • •	owners relative to cost of compliance with			
	,	cost of compliance with code			
Curre	ently used under the 20	010 Code, no new requirements being estab	blished		
Requirements					
		al connection with the health, safety, and work field tested and proven to be effective	velfare of the general publ	ic	
•	•	de, and provides equivalent or better produces, field tested and proven to be effective	ucts, methods, or systems	of construction	
	•	aterials, products, methods, or systems of ous, field tested and proven to be effective	f construction of demonst	rated capabilities	
	egrade the effectivened	ess of the code ous, field tested and proven to be effective			
	de modification part of a	·			
YES					
The provisions con NO	tained in the proposed a	amendment are addressed in the applicable inte	rnational code?		
	e beyond the needs or re	or data that the geographical jurisdiction of Flo egional variation addressed by the foundation c		ıgthen	

Explanation of Choice

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To be consistent with the Florida Statutes and to implement the Commission plan to update the 2013 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

# **1st Comment Period History**

## 08/09/2012 - 09/23/2012

		Proponent	Ken Cureton	Submitted	9/21/2012	Attachments	No
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#### Comment:

The proposal provides for an area limitation exception for Group S2 as per SB 442. F5106-G1

F5106 Text Modification

Page: 1

505.2 Area limitation. Change to add exception 3 to read as shown.

505.2 Area limitation. No change

Exceptions:

1-2 No change

3. In sprinklered Group S2 occupancies of Type III construction, the enclosed and unenclosed areas under mezzanines shall be allowed to be included when calculating the permissible size of mezzanines.

F5107		. <u>.</u>		F	age 26 of 105
Date Submitted 7/12	2/2012	Section 510.4	Proponent	Joe Bigelow	
Chapter 5		Affects HVHZ No	Attachments	No	
TAC Recommendation Commission Action	Approved as Subm Pending Review	nitted			
<u>Comments</u>					
General Comments	No	Alternate La	nguage No		
Related Modifications					
Summary of Modificat	tion				
To be consistent	with the Florida Statute	es and to implement the Com	mission plan to update the 201	3 Code	
Rationale					
		es and to implement the Com	mission plan to update the 201	3 Code	
Fiscal Impact Stateme					
	entity relative to enford used under the 2010 Co	cement of code ode, no new requirements bein	ng established		
•	• • • •	rs relative to cost of complian ode, no new requirements bein			
•	•	of compliance with code ode, no new requirements bei	ng established		
Requirements					
		nection with the health, safet eld tested and proven to be ef	y, and welfare of the general p fective	public	
-	•	d provides equivalent or bett eld tested and proven to be ef	er products, methods, or syst fective	ems of construction	
Does not discrin	ninate against materia		stems of construction of demo	onstrated capabilities	
•	de the effectiveness of ver from the previous, fig	the code eld tested and proven to be el	fective		
	dification part of a prior of	•			
YES					
The provisions contained	d in the proposed amond	ment are addressed in the applic	able international code?		
NO	a in the proposed amend	nent are autresseu in the applic			

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

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To be consistent with the Florida Statutes and to implement the Commission plan to update the 2013 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

Section 510 Special Provisions

510.4 Parking beneath Group R. Change to read as shown.

**510.4 Parking beneath Group R.** Where a maximum one-story above grade plane Group S-2 parking garage, enclosed or open, or combination thereof, of Type I construction or open of Type IV construction, with grade entrance, is provided under a building of Group R, the number of stories to be used in determining the minimum type of construction shall be measured from the floor above such a parking area. The number of stories to be used in determining the height in stories in accordance with Section 903.2.11.3 903.6 shall include the parking garage as a story. The floor assembly between the parking garage and the Group R above shall comply with the type of construction required for the parking garage and shall also provide a fire-resistance rating not less than the mixed occupancy separation required in Section 508.4.

F5108			Page	e 28 o <sup>8</sup> 105	
Date Submitted 7/12/2012	Section 706	Proponent	Joe Bigelow		
Chapter 7	Affects HVHZ No	Attachments	No		
<u>Comments</u>					
General Comments No	Alternate Language	e No			
Date Submitted       7/12/2012       Section 706       Proponent       Joe Bigelow         Chapter       7       Affects HVHZ       No       Attachments       No         TAC Recommendation       Approved as Submitted       Commission Action       Pending Review       No         Comments       No       Alternate Language       No       No       Related Modifications         Summary of Modification       To be consistent with the Florida Statutes and to implement the Commission plan to update the 2013 Code       Related Impact Statement         Impact Statement       Impact to local entity relative to enforcement of code       Currently used under the 2010 Code, no new requirements being established         Impact to industry relative to the cost of compliance with code       Currently used under the 2010 Code, no new requirements being established					
Summary of Modification					
To be consistent with the Florid	a Statutes and to implement the Commission	plan to update the 2013 C	Code		
			No dia		
	a Statutes and to implement the Commission	i plan to update the 2013 C	Jode		
·	o enforcement of code				
		blished			
Impact to industry relative to t	he cost of compliance with code				
Currently used under the	2010 Code, no new requirements being esta	blished			
Requirements					
		welfare of the general pub	olic		
		lucts, methods, or system	s of construction		
•		of construction of demons	strated capabilities		
-					
•					
	a prior code version?				
The provisions contained in the propose	d amendment are addressed in the applicable int	ernational code?			
-	ce or data that the geographical jurisdiction of Fl		ngthen		
the foundation code beyond the needs on amendment applies to the state?	r regional variation addressed by the foundation	code and why the proposed			

OTHER

**Explanation of Choice** 

To be consistent with the Florida Statutes and to implement the Commission plan to update the 2013 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

# **1st Comment Period History**

## 08/09/2012 - 09/23/2012

Proponent	Ken Cureton	Submitted	9/21/2012	Attachments	No

#### Comment:

The proposal adds definition for townhouse as per 481 FS. F5108-G1

# 706.4.1 Townhouse fire separation. Add to read as shown.

# 706.4.1 Townhouse fire separation.

**706.4.1.1** Each townhouse shall be considered a separate building and shall be separated from adjoining townhouses by a party wall complying with Section 706.1.1 or by the use of separate exterior walls meeting the requirements of Tables 601 and 602 for zero clearance from property lines as required for the type of construction. Separate exterior walls shall include one of the following:

1. A parapet not less than 18 inches (457 mm) above the roof line.

2. Roof sheathing of noncombustible material or fire retardant treated wood, for not less than a 4 foot (1219 mm) width on each side of the exterior dividing wall.

3. One layer of 5/8 inch (15.9 mm) Type X gypsum board attached to the underside of roof decking, for not less than a 4 foot (1219 mm) width on each side of the exterior dividing wall.

**706.4.1.2** When not more than three stories in height, townhouses may be separated by a single wall meeting the following requirements:

1. Such wall shall provide not less than a 2-hour fire-resistance rating. Plumbing, piping, ducts, electrical or other building services shall not be installed within or through the 2-hour wall, unless such materials and methods of penetration have been tested in accordance with Section 703.

2. Such wall shall be continuous from the foundation to the underside of the roof sheathing or shall have a parapet extending not less than 18 inches (457 mm) and no less than a 4-foot (1219 mm) width on each side of the wall shall be of noncombustible material, or fire-retardant-treated wood, or one layer of 5/8-inch (15.9 mm) Type X gypsum wallboard attached to the underside of the roof decking.

3. Each dwelling unit sharing such wall shall be designed and constructed to maintain its structural integrity independent of the unit on the opposite side of the wall.

**Exception:** Said wall may be penetrated by roof and floor structural members provided that the fire-resistance rating and the structural integrity of the wall is maintained.

F5109				Page	e 30 o <sup>9</sup> 105
Date Submitted 7/1	2/2012	Section 708.3	Proponent	Joe Bigelow	
Chapter 7		Affects HVHZ No	Attachments	No	
TAC Recommendation Commission Action	Approved as Submit Pending Review	tted			
<u>Comments</u>					
General Comments	No	Alternate Language	No		
Related Modifications					
Summary of Modificat	lion				
To be consistent	with the Florida Statutes	s and to implement the Commission pla	n to update the 2013 (	Code	
Rationale					
To be consistent	with the Florida Statutes	s and to implement the Commission plan	n to update the 2013 (	Code	
Fiscal Impact Stateme					
•	entity relative to enforce used under the 2010 Cod	ment of code le, no new requirements being establish	ned		
		relative to cost of compliance with co le, no new requirements being establish			
•	try relative to the cost of used under the 2010 Cod	f compliance with code le, no new requirements being establish	ned		
Requirements					
		ection with the health, safety, and welfa d tested and proven to be effective	are of the general put	blic	
•	• •	provides equivalent or better products d tested and proven to be effective	s, methods, or system	ns of construction	
Does not discrir	ninate against materials	, products, methods, or systems of co d tested and proven to be effective	enstruction of demons	strated capabilities	
Does not degrad	de the effectiveness of t	·			
	dification part of a prior co	•			
YES					
The provisions contained NO	I in the proposed amendme	ent are addressed in the applicable internation	tional code?		

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** 

Seese and seese

To be consistent with the Florida Statutes and to implement the Commission plan to update the 2013 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

# Section 708 Fire Partitions

Page: 1

708.3 Fire resistance rating. Revise exceptions to read as follows:

Exceptions:

<u>1 – 2 No change.</u>

-

3. In mini-warehouses/self-storage buildings, walls used to separate tenants shall not be required to have fireresistance rating, provided a sprinkler system meeting the requirements of Ordinary Hazard Group II as defined by NFPA 13, is installed employing quick response heads.

F5110		· · · .	· · · · · · · · · · · · · · · · · · ·	Page 32 a	P <sub>105</sub>
Date Submitted	7/12/2012	Section 901.1	Proponent	Joe Bigelow	
Chapter	9	Affects HVHZ No	Attachments	No	
<u>Comments</u>					
Date Submitted     7/12/2012     Section     901.1     Proponent     Joe Bigelow       Chapter     9     Affects HVHZ     No     Attachments     No       TAC Recommendation Commission Action     Approved as Submitted Pending Review     Pending Review					
Related Modificat	tions				
Summary of Mod	lification				
To be consi	istent with the Florida Sta	tutes and to implement the Commission	n plan to update the 2013 Co	ode	
	istent with the Florida Sta	tutes and to implement the Commissior	n plan to update the 2013 Co	ode	
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Impact to lo	ocal entity relative to en		blished		
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	2				
•	•	-	blished		
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		· · · · · · · · · · · · · · · · · · ·	welfare of the general publ	ic	
•	•		· · ·	of construction	
	-		of construction of demonst	rated capabilities	
	•				
	•				
YES					
-	tained in the proposed ame	endment are addressed in the applicable int	ternational code?		
	e beyond the needs or region			gthen	

Explanation of Choice

To be consistent with the Florida Statutes and to implement the Commission plan to update the 2013 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

# **1st Comment Period History**

## 08/09/2012 - 09/23/2012

	Propone	t Ken Cureton	Submitted	9/21/2012	Attachments	No
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#### Comment:

The proposal provides for carbon monoxide control provisions as per 553.885 FS. F5110-G1

Section 901.1 Scope, revise text to read as follows:

**901.1 Scope.** The provisions of this chapter shall specify where fire protections systems are required and shall apply to the design, installation and operation of fire protection systems <u>and carbon monoxide detection alarms.</u>

F5111			<u>.</u>	Page 34 d	bf <sup>1</sup> 105
Date Submitted	7/12/2012	Section 903.2.11.3	Proponent	Joe Bigelow	
Chapter	9	Affects HVHZ No	Attachments	No	
TAC Recommend Commission Acti					
Comments					
General Commen	ts No	Alternate Language	No		
Related Modifica	ations				
Summary of Mo To be cons		Statutes and to implement the Commission	plan to update the 2013 C	Code	
Rationale					
		Statutes and to implement the Commission	plan to update the 2013 C	ode	
Fiscal Impact St		inforcement of code			
•	local entity relative to e ently used under the 20	10 Code, no new requirements being estab	lished		
		owners relative to cost of compliance with 10 Code, no new requirements being estab			
•	•	cost of compliance with code 10 Code, no new requirements being estab	lished		
Requirements					
		I connection with the health, safety, and w bus, field tested and proven to be effective	elfare of the general pub	lic	
-		le, and provides equivalent or better produ ous, field tested and proven to be effective	ıcts, methods, or system	s of construction	
	_	aterials, products, methods, or systems of ous, field tested and proven to be effective	construction of demons	trated capabilities	
	degrade the effectivene ried over from the previo	ess of the code bus, field tested and proven to be effective			
Is the proposed co	ode modification part of a	prior code version?			
YES					
The provisions co NO	ntained in the proposed a	mendment are addressed in the applicable inte	rnational code?		
	de beyond the needs or re	or data that the geographical jurisdiction of Flo gional variation addressed by the foundation c		ngthen	
Explanation of C					
To be consistent	with the Florida Statute	s and to implement the Commission plan to	update the 2013 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

F5111-G1

Seese and seese

# **1st Comment Period History**

## 08/09/2012 - 09/23/2012

Proponent	Ken Cureton	Submitted	9/21/2012	Attachments No	

#### Comment:

The proposal provides for automatic sprinkler requirements for buildings three stories or more as per 553.895 FS.

## 903.2.11.3 Buildings over 55 feet in height. Change to read a shown.

# 903.2.11.3 Buildings over 55 feet in height. Reserved. Buildings three stories or more in height.

Any building which is of three stories or more in height shall be equipped with an approved automatic sprinkler system installed in accordance with Section 903.1.

# Exceptions:

1. Single- and two-family dwellings.

2. A stand-alone parking garage constructed with noncombustible materials, the design of which is such that all levels of the garage are uniformly open to the atmosphere on all sides with the percentages of openings equal to or greater than those specified in Section 406.3. Such garages shall be separated from any other structure by not less than 20 feet (6096 mm). A stand-alone parking garage is one that is solely for the parking of vehicles and does not have any other occupancy group in the building.

3. Telecommunication spaces located within telecommunication buildings, if the spaces are equipped to meet an equivalent fire prevention standard approved by both the Florida Building Commission and the State Fire Marshal.

<u>4. Telecommunications spaces within telecommunication buildings, if the telecommunications space is equipped with:</u>

4.1. Air sampling smoke detection.

4.2. Remote, propietary or central station fire alarm monitoring.

4.3. Automatic smoke exhaust system.

4.4. One-hour fire-resistance wall separating the telecommunications space from the adjacent areas on the same floor.

4.5. Two-hour floor/ceiling assembly separating the telecommunications space from adjacent floors.

4.6. All other portions ancillary to the telecommunications equipment area shall be provided with fire sprinkler protection.

5. Sprinkler systems installed solely as a requirement of Section 903.**62.11.3** may be a NFPA 13R or NFPA 13D system in accordance with their scopes.

**903.2.11.3.1** NFPA 101 as adopted by Florida Fire Prevention Code, as regarding the requirements for fire protection sprinklers, is applicable to all multiple-family residential buildings, whether designated as townhouses, condominiums, apartment houses, tenements, garden apartments or by any other name. The attorn ey general has determined that for the purpose of the fire protection sprinkler requirements in Section 553.895(2), Florida Statutes, townhouses that are three or more stories tall and consist of three or more units together are multiple-family dwellings. Therefore, these types of townhouses are not exempt from being considered for the requirements to provide fire protection sprinklers (even if there are any other definitions that define a townhouse as a single-family residence). When determining whether townhouses require fire protection sprinkler systems, the building official must consider in parallel: (a) the attorney general's opinion defining the statutory language for townhouses; (b) the building code requirements, including all life-safety chapters, that provide additional

## Page 36 of 105 determining criteria, such as construction types, fire-resistance, fire protection systems and egress; and (c) the NFPA 101 as adopted by Florida Fire Prevention Code, egress and protection determining criteria. The more restrictive criteria are then applied.

Page: 2

F5638						Page 3	37 <del>12</del> 105
Date Submitted	7/25/2012		ection 1002.1		Proponent	Joseph Belcher	
Chapter	10		fects HVHZ Yes	s	Attachments	Yes	
TAC Recomment Commission Act		roved as Submitted nding Review					
<u>Comments</u>							
General Comme	nts N	No	Alternate	Language	No		
Related Modific							
202 Defini 1008.1.4.5							
Summary of Mo							
		list of definitions.					
Rationale							
	on change for s	section 1008.1.4.5 pe	ermitting hurricane te	emporary protectio	n of emergency esc	ape and rescue openings	when
a storm th	0		<b>J</b>	, <b>,</b> ,		J	
Fiscal Impact S							
	-	ative to enforcemer is been in FBC since					
•	• •	oroperty owners related as been in FBC since	tive to cost of comp 2001 Edition	bliance with code			
	•	ve to the cost of co					
•	-	s been in FBC since	•				
Requirements							
The pub <b>Strengthe</b> The	provision addin lic because it is ans or improves provision addin	ng means of escape s part of a system all s <b>the code, and pro</b> v	owing the protection vides equivalent or b	reasonable and su of all openings du petter products, n	ubstantial connectio ring the threat of a s nethods, or system	n to the welfare of the ger storm.	
Does not	discriminate a	gainst materials, pro	oducts, methods, or				
	-	-		cts, methods, or sy	stems of construction	on of demonstrated capab	pilities.
The	e change improv	fectiveness of the c ves the effectiveness ere is the threat of a	s of the code by prov	iding an alternate	for the protection of	emergency escape and r	rescue
	•	part of a prior code v					
YES							
-	ontained in the p	roposed amendment a	re addressed in the ap	oplicable internation	al code?		
NO							
	de beyond the n		the geographical juriso tion addressed by the t			ngthen	

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

# 1002.1 Definitions. The following terms are defined in Chapter 2:

# Means of Escape

The State of Florida is the only of the contiguous states where the entire land mass is a hurricane prone region. Historically, Florida has endured numerous land falls from hurricanes and special attention is merited for the installation of hurricane protection.

The timing was insufficient to get into the ICC Group A Code Change Cycle for the 2015 International Building Code and will be submitted to the next available cycle. The amendment will be submitted to the ICC Group B Code Change Cycle for the 2015 International Residential Code.

5640				
5040				Page 41 87105
ate Submitted	7/25/2012	Section 1008.1.4.5	Proponent	Joseph Belcher
hapter	10	Affects HVHZ Yes	Attachments	Yes
AC Recommenda ommission Actio				
omments				
eneral Comments	s No	Alternate Language	No	
Related Modificat 202 Definitio 1002.1 Defin Summary of Mod Adds provis	ons nitions lification	otection of emergency escape and rewsuce	opening with impact res	istant covers provided a
	scape is provided.		-pgp	
event. The p openings wa breathing ap ability of a fu currently co	proposed modification w as to provide an opening pparatus. The provisions iully bunkered firefighter	nce the first edition of the FBC that opening ill assist in safeguarding the public during h g of adequate size for the ingress of firefight a have evolved to emphasize escape; howe to reach into the window and perform a reso te a conflict between two life safety issues:	gh wind events. The orig ers wearing full bunker g ver, the opening size stip cue or to climb into the ro	inal intent for requiring such ear and self-contained ulated is still based on the om. The provisions as
the damage based on a fire has bloc acknowledg two after the approaching Fiscal Impact Sta Impact to lo	e wrought by hurricanes scenario where occupar cked access to the prima ge the potential for the op e storm. However, storm g. Should entry by firefig vehicles.		sions related to escape a part of the house. The oc s doubtful that the occupa o in advance of a storm a ed unless there is a serio	and rescue from bedrooms are acupant awakens and finds the ants will be sleeping. We also and to remain in place a day or us threat of a storm
•	<b>uilding and property ov</b> ppact. This has been in F	vners relative to cost of compliance with c BC since 2001 Edition.	ode	
•	ndustry relative to the c	ost of compliance with code BC since 2001 Edition.		
equirements				
Has a reaso The c allowi Strengthen The c of a s Does not di	change has a reasonable ing the protection of all o is or improves the code change strengthens and ctorm and has been in the iscriminate against mat	connection with the health, safety, and well and substantial connection to the welfare of penings during the threat of a storm and ha and provides equivalent or better produc improves the code by providing an alternate e code since the 2001 Edition. erials, products, methods, or systems of content nate against materials, products, methods,	of the general public beca s been in the code since ts, methods, or systems e allowing the protection of onstruction of demonstr	ause it is part of a system the 2001 Edition. a of construction of all openings during the threat rated capabilities
The c threat		ectiveness of the code by providing an altern n in the code since the 2001 Edition	nate allowing the protection	on of all openings during the
The provisions cont NO	tained in the proposed am	endment are addressed in the applicable intern	ational code?	
	e beyond the needs or regi	data that the geographical jurisdiction of Florion of Florion of Florion and variation addressed by the foundation coc		gthen

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

# 1008.1.4.5 Protection devices for emergency escape and rescue openings.

The temporary installation or closure of storm shutters, panels and other approved hurricane protection devices shall be permitted on emergency escape and rescue openings in Group R occupancies during the threat of a storm. Such devices shall not be required to comply with the operational constraints of Section 1029.4. While such protection is provided, at least one means of escape from the dwelling or dwelling unit shall be provided. The means of escape shall be within the first floor of the dwelling or dwelling unit and shall not be located within a garage without a side hinged door leading directly to the exterior. Occupants in any part of the dwelling or dwelling or dwelling of escape without passing through a lockable door not under their control.

The State of Florida is the only of the contiguous states where the entire land mass is a hurricane prone region. Historically, Florida has endured numerous land falls from hurricanes and special attention is merited for the installation of hurricane protection.

The timing was insufficient to get into the ICC Group A Code Change Cycle for the 2015 International Building Code and will be submitted to the next available cycle. The amendment will be submitted to the ICC Group B Code Change Cycle for the 2015 International Residential Code.

F5796			· · · · · · · · · · · · · · · · · · ·	Page 46 <b>1</b> 410	5
1	7/31/2012	Section 1029.1	Proponent	Joseph Belcher	
Chapter	10	Affects HVHZ No	Attachments	Yes	
TAC Recommendat Commission Action		itted			
<b>Comments</b>					
General Comments	No	Alternate Language	No		
Related Modificati	ons				

1008.4.5

#### Summary of Modification

Retains provision refering to hurricane devices on emergency escape and rescue openings.

#### Rationale

The Commission has recognized since the first edition of the FBC that opening protection is of major importance during a hurricane event. The proposed modification will assist in safeguarding the public during high wind events. The original intent for requiring such openings was to provide an opening of adequate size for the ingress of firefighters wearing full bunker gear and self-contained breathing apparatus. The provisions have evolved to emphasize escape; however, the opening size stipulated is still based on the ability of a fully bunkered firefighter to reach into the window and perform a rescue or to climb into the room. The provisions as currently contained in the code create a conflict between two life safety issues: escape during a fire emergency and structural integrity during a high wind event.

While it is acknowledged there is a risk of fire during a hurricane, structural integrity must be considered the greatest concern. Clearly the damage wrought by hurricanes is wind damage, not fire damage. The provisions related to escape and rescue from bedrooms are based on a scenario where occupants are sleeping and a fire starts in another part of the house. The occupant awakens and finds the fire has blocked access to the primary means of egress. During a hurricane, it is doubtful that the occupants will be sleeping. We also acknowledge the potential for the opening protection to be installed a day or two in advance of a storm and to remain in place a day or two after the storm. However, storm protection devices are not closed or installed unless there is a serious threat of a storm approaching. Should entry by firefighters become necessary, tools to allow rapid entry from outside the structure are available on responding vehicles.

#### **Fiscal Impact Statement**

Impact to local entity relative to enforcement of code

No impact. This has been in FBC since 2001 Edition.

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

No impact. This has been in FBC since 2001 Edition.

Impact to industry relative to the cost of compliance with code

No impact. This has been in FBC since 2001 Edition.

#### Requirements

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

The change has a reasonable and substantial connection to the welfare of the general public because it is part of a system allowing the protection of all openings during the threat of a storm and has been in the code since the 2001 Edition.

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

The change strengthens and improves the code by providing an alternate allowing the protection of all openings during the threat of a storm and has been in the code since the 2001 Edition.

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

The change does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities. Does not degrade the effectiveness of the code

The change improves the effectiveness of the code by providing an alternate allowing the protection of all openings during the threat of a storm and has been in the code since the 2001 Edition

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	e?
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

1029.1 General. In addition to the *means of egress* required by this chapter, provisions shall be made for *emergency escape and rescue openings* in Group R-2 occupancies in accordance with Tables 1021.2(1) and 1021.2(2) and Group R-3 occupancies. Basements and sleeping rooms below the fourth story above *grade plane* shall have at least one exterior *emergency escape and rescue opening* in accordance with this section. Where basements contain one or more sleeping rooms, *emergency escape and rescue openings* shall be required in each sleeping room, but shall not be required in adjoining areas of the basement. Such openings shall open

directly into a *public way* or to a *yard or court* that opens to a *public way*.

Exceptions:

1. Basements with a ceiling height of less than 80 inches (2032 mm) shall not be required to have *emergency escape and rescue openings*.

2. *Emergency escape and rescue openings* are not required from basements or sleeping rooms that have an *exit* door or *exit access* door that opens

3. Basements without *habitable spaces* and having no more than 200 square feet (18.6 m2) in floor area shall not be required to have *emergency escape and rescue openings*.

4. Security and hurricane devices installed in accordance with Section 1008.1.4.5.

The State of Florida is the only of the contiguous states where the entire land mass is a hurricane prone region. Historically, Florida has endured numerous land falls from hurricanes and special attention is merited for the installation of hurricane protection.

The timing was insufficient to get into the ICC Group A Code Change Cycle for the 2015 International Building Code and will be submitted to the next available cycle. The amendment will be submitted to the ICC Group B Code Change Cycle for the 2015 International Residential Code. F4961 Page 51 10105 **Date Submitted** 7/6/2012 Section 2601.1 Proponent Michael Goolsby Chapter 26 Affects HVHZ Yes Attachments No Approved as Submitted **TAC Recommendation Commission Action** Pending Review **Comments** General Comments No Alternate Language No **Related Modifications** Summary of Modification Section formatting Rationale Legislative mandate resulted in the deletion on sections of Chapter 26 HVHZ not directly related to wind. This proposed modification serves to adopt the entire base code Chapter 26 and the one remaining HVHZ wind related section. **Fiscal Impact Statement** Impact to local entity relative to enforcement of code None. Base code provisions are now applicable, formatting only. Impact to building and property owners relative to cost of compliance with code None. Base code provisions are now applicable, formatting only. Impact to industry relative to the cost of compliance with code None. Base code provisions are now applicable, formatting only. Requirements Has a reasonable and substantial connection with the health, safety, and welfare of the general public This modification provides guidance to the applicable sections of the base code necessary for the proper design and installation plastic components and systems. Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction This modification provides guidance to the applicable sections of the base code necessary for the proper design and installation plastic components and systems. Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities This modification provides guidance to the applicable sections of the base code necessary for the proper design and installation plastic components and systems. Does not degrade the effectiveness of the code This modification provides guidance to the applicable sections of the base code necessary for the proper design and installation plastic components and systems.

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

**2601.1 Scope.** These provisions shall govern the materials, design, application, construction and installation of foam plastic, foam plastic insulation, plastic veneer, interior plastic finish and trim and light-transmitting plastics. See Chapter 14 for requirements for exterior wall finish and trim.

Exception: Buildings and structures located within the high-velocity hurricane zone shall <u>also</u> comply with the provisions of <u>Section 2614</u> <u>Sections 2603.8 and 2612</u>.

Page 52 of 105

Page: 1

F5771		·		Page 54 26105
Date Submitted	7/31/2012	Section 604.1	Proponent	Jim Heise
Chapter	6	Affects HVHZ No	Attachments	No
TAC Recommend Commission Acti		mitted		
Comments				
General Commen	nts No	Alternate Language	No	
Related Modifica	ations			
Summary of Mo	dification door dimension 5% reductio	n clause		
Rationale				
In today&#</th><td>ller clear opening inside the</td><th>e replacing older and smaller framed proc frame.</th><th>lucts with a more struct</th><td>ural framed product creating a</td></tr><tr><th>•</th><td>local entity relative to enfor mpact as these provisions a</td><th>rcement of code re currently being enforced by the 2010 F</th><th>BC.</th><td></td></tr><tr><th>•</th><td>• • • •</td><th>ers relative to cost of compliance with c re currently being enforced by the 2010 F</th><th></th><td></td></tr><tr><th>•</th><td>industry relative to the cost mpact as these provisions a</td><th>t of compliance with code re currently being enforced by the 2010 F</th><th>BC.</th><td></td></tr><tr><th>Requirements</th><td></td><th></th><th></th><td></td></tr><tr><th></th><td></td><th>nection with the health, safety, and we and welfare of the general public by not</th><th>• .</th><td></td></tr><tr><th>•</th><td>ns or improves the code, an serves improvement of the co</td><th>nd provides equivalent or better produc ode.</th><th>ts, methods, or system</th><td>ns of construction</td></tr><tr><th></th><td>discriminate against materi adverse impact.</td><th>als, products, methods, or systems of c</th><th>construction of demons</th><td>strated capabilities</td></tr><tr><th></th><td>degrade the effectiveness of adverse impact.</td><th>f the code</th><th></th><td></td></tr><tr><th>s the proposed co</th><td>de modification part of a pr</td><th>ior code version? No</th><th></th><td></td></tr></tbody></table>				

<u>1st Commer</u>	<u>nt Period His</u>	tory	08/09/20	<u> 12 - 09/23/2012</u>		
Proponent	BOAF CDC	Submitted	9/23/2012	Attachments	No	

### Comment:

F57

The amendment does not demonstrate by evidence or data that the geographical jurisdiction of Florida exhibits a need to

Ģ strengthen the foundation code beyond the needs or regional variations addressed by the foundation code. Per FS 553.73 (7) (g)

This code change is unnecessary as the provisions contained in the proposed amendment are adequately addressed in the applicable international code. Per FS 553.73 (7) (g)

The proposed amendment was does not appear to have been submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process.

# 604.1 General.

Repairs shall be done in a manner that maintains the level of protection provided for the means of egress. Means of egress for buildings undergoing alteration shall comply with the requirements of Section 601.1 and the scoping provisions of Chapter 1 where applicable.

Exception: Door and window dimensions. In residential dwellings and dwelling units, a maximum of 5 percent reduction in the clear opening dimensions of replacement doors and windows shall be allowed.

F5424					Pa	age 57 d7105
Date Submitted 7/20/2	012	Section R202		Proponent	Ken Cureton	
Chapter 2	.012	Affects HVHZ	No	Attachments	No	
TAC Recommendation Commission Action	Approved as Submit Pending Review			, indefinition to		
Comments						
General Comments	No	Alter	nate Language	No		
Related Modifications						
None						
Summary of Modification	n					
Modify SECTION R	202 (Fire)					
Rationale						
Existing Building Co change process for	ode (IEBC) base code the update to the 201	with Florida specific	requirements in acc	plement the most curr ordance with the Com		
Fiscal Impact Statement	ity relative to enforce	mont of code				
•	sed language is currer		010 Florida Building	Code		
Impact to building	and property owners sed language is curren	relative to cost of c	ompliance with cod	e		
Impact to industry	relative to the cost o	f compliance with co	ode			
None. Propos	sed language is currer	ntly adopted by the 2	010 Florida Building	Code.		
Requirements						
Yes. The Pro Strengthens or imp Yes. The Pro Does not discrimin It does not. T Does not degrade f	posed language for the proves the code, and posed language for the nate against materials the Proposed languag the effectiveness of t The Proposed languag	is Modification is cur provides equivalent is Modification is cur a, products, methods e for this Modification he code e for this Modificatio	rrently included in the t or better products, rrently included in the s, or systems of con n is currently included	e of the general publi 2010 Florida Building methods, or systems 2010 Florida Building struction of demonstr d in the 2010 Florida E d in the 2010 Florida E	y Code. of construction y Code. rated capabilities Building Code.	
The provisions contained in NO	the proposed amendm	ent are addressed in tl	he applicable internatio	onal code?		

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

The proposed code change was submitted in accordance with the Commission's update process for the 2013 FBC in order to supplement the most current version of the International Existing Building Code (IEBC) base code with Florida specific requirements.

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

<u>08/09/2012 - 09/23/2012</u>

Page 58 of 10

						· · · · · · · · · · · · · · · · · · ·
Proponent	Ken Cureton	Submitted	9/21/2012	Attachments	No	

## Comment:

The proposal provides for carbon monoxide control provisions as per 553.885 FS.

ADDITION. An extension or increase in floor area, <u>number of stories</u> or height of a building or structure.

**CARBON MONOXIDE ALARM.** A device for the purpose of detecting carbon monoxide, that produces a distinct audible alarm, and is listed or labeled with the appropriate standard, either ANSI/UL 2034 *Standard for Single and Multiple Station CO Alarms*, or UL 207 *Gas and Vapor Detector Sensor*, in accordance with its application.

**FOSSIL FUEL.** Coal, kerosene, oil, fuel gases, or other petroleum or hydrocarbon product that emits carbon monoxide as a by-product of combustion.

**SEPARATE ATMOSPHERE.** The atmosphere that exists between rooms, spaces or areas that are separated by an approved smoke barrier.

**TOWNHOUSE.** A single-family dwelling unit constructed in a group of three or more attached units <u>with property</u> <u>lines separating each unit</u> in which each unit extends from foundation to roof and with a yard or public way on at least two sides.

hapter 3	/2012	Section R302.1 Affects HVHZ Yes	Proponent Attachments	Joseph Belcher Yes
AC Recommendation	Approved as Su Pending Review			
omments				
eneral Comments	No	Alternate Language	No	
elated Modifications				
summary of Modificati	on			
Retains provision	granting exception	to fire resistance rating of screen enclosure	walls of insect screen	ing.
Rationale		accepted in the 2010 FBCR. A problem occu		
dwelling unit sepa of insect screen is separation wall to IRC 2003 "R317. sheathing, deck o	aration wall requiring a not possible. A sin be continuous thro 2.1 Continuity. The r slab and shall extern	townhouse. Some jurisdictions classify the s g a one-hour fire resistant separation citing S hilar issue was addressed in the townhouse ugh enclosed accessory structures (IRC  common wall for townhouses shall be contin- end the full length of the common wall includ	ection R302.1 or R30 section at the ICC lev 67;R302.2.1) uous from the founda	2.3. Obviously, a fire rated wall el by requiring the fire ation to the underside of the roof
This proposal see screening, plastic wind break panel plates. Fiscal Impact Statemen	, aluminum, or simil s or other means of	owance given to townhouses to single family ar lightweight materials. However, the propo closing off the screen would not be permitte	sal specifies walls of	insect screening and the use of
		n the cost of compliance relative to the enfor	cement of the code.	
The change fire resistan Impact to industr	will reduce costs a ce rating for screen y relative to the co will reduce costs a	ners relative to cost of compliance with coor nd make the attachment of a screen enclosu enclosure walls is being required. st of compliance with code nd make the attachment of a screen enclosu enclosure walls is being required.	ire possible in those j	
fire resistar	ee raang ter eereen	enere name ie semig requireur		
equirements Has a reasonable The propos homeowner Strengthens or ir The propos increasing t Does not discrim The propos	al has a reasonable s to attach a screer <b>nproves the code</b> , a al improves the cod he recreational spa <b>inate against mate</b> al does not discrimi	onnection with the health, safety, and welfa and substantial connection with the welfare n enclosure to the house without requiring fin and provides equivalent or better products e by providing a means for a homeowner of ce available to the homeowner and her or his rials, products, methods, or systems of con nate against materials, products, methods, or	of the general public e resistance rating of <b>methods, or system</b> a two family dwelling s family. <b>Istruction of demons</b>	by providing a means for the screen wall. Is of construction to attach a popular structure strated capabilities
equirements Has a reasonable The propos homeowner Strengthens or ir The propos increasing f Does not discrim The propos capabilities Does not degrad The propos	al has a reasonable s to attach a screer <b>nproves the code</b> , a al improves the code he recreational spa <b>inate against mate</b> al does not discrimi <b>e the effectiveness</b> al increases the eff	e and substantial connection with the welfare in enclosure to the house without requiring fir and provides equivalent or better products is by providing a means for a homeowner of ce available to the homeowner and her or his rials, products, methods, or systems of con nate against materials, products, methods, or	of the general public e resistance rating of <b>methods, or system</b> a two family dwelling s family. <b>nstruction of demons</b> r systems of construct for a homeowner of	by providing a means for the screen wall. Is of construction to attach a popular structure strated capabilities stion of demonstrated

R302.1 Exterior walls. Construction, projections, openings and penetrations of exterior walls of dwellings and accessory buildings shall comply with Table R302.1(1); or dwellings equipped throughout with an automatic sprinkler system installed in accordance with Section P2904 shall comply with Table R302.1(2).

Exceptions:

1. Walls, projections, openings or penetrations in walls perpendicular to the line used to determine the fire separation distance.

2. Walls of dwellings and accessory structures located on the same lot.

**3.** Detached tool sheds and storage sheds, playhouses and similar structures exempted from permits are not required to provide wall protection based on location on the lot. Projections beyond the exterior wall shall not extend over the lot line.

4. Detached garages accessory to a dwelling located within 2 feet (610 mm) of a lot line are permitted to have roof eave projections not exceeding 4 inches (102 mm).

5. Foundation vents installed in compliance with this code are permitted.

6. Screen enclosure walls of insect screening with a maximum of 25% solid flexible finishes.

The State of Florida has been called the birthplace of the screen enclosure as we know it. While the provisions for screen enclosures have not been approved by the ICC, they were submitted in the past. The base code does not address these structures found throughout Florida. Florida's climate is conducive to outdoor activities; however, the insects make enjoyment of the outdoors difficult. Screen enclosures serve the purpose of permitting citizens to enjoy the outdoors without the pests. The amount of screen enclosures constructed in Florida merits they be addressed in the code.

F5904					Pag	e 64 dP105
Date Submitted	7/31/2012	Section R302.3		Proponent	Joseph Belcher	
Chapter	3	Affects HVHZ	Yes	Attachments	Yes	
TAC Recommenda Commission Actio		itted				
<u>Comments</u>						
General Comments	s No	Alte	ernate Language	No		
Related Modificat	ions					

None

#### Summary of Modification

Retains provision granting exception to fire resistance rating of screen enclosure walls of insect screening.

#### Rationale

This proposal retains a modification accepted in the 2010 FBCR. A problem occurs when a homeowner wants to attach a screen enclosure to a two-family dwelling or townhouse. Some jurisdictions classify the screen enclosure wall as either an exterior wall or a dwelling unit separation wall requiring a one-hour fire resistant separation citing Section R302.1 or R302.3. Obviously, a fire rated wall of insect screen is not possible. A similar issue was addressed in the townhouse section at the ICC level by requiring the fire separation wall to be continuous through enclosed accessory structures (IRC §R302.2.1)

IRC 2003 "R317.2.1 Continuity. The common wall for townhouses shall be continuous from the foundation to the underside of the roof sheathing, deck or slab and shall extend the full length of the common wall including walls extending through and separating attached accessory structures."

This proposal seeks to extend the allowance given to townhouses to single family dwellings. The proposal would allow roofs of insect screening, plastic, aluminum, or similar lightweight materials. However, the proposal specifies walls of insect screening and the use of wind break panels or other means of closing off the screen would not be permitted. The 25% flexible solid finishes is to allow for kick plates.

#### **Fiscal Impact Statement**

#### Impact to local entity relative to enforcement of code

The change poses no impact on the cost of compliance relative to the enforcement of the code.

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

The change will reduce costs and make the attachment of a screen enclosure possible in those jurisdictions where a one hour fire resistance rating for screen enclosure walls is being required.

#### Impact to industry relative to the cost of compliance with code

The change will reduce costs and make the attachment of a screen enclosure possible in those jurisdictions where a one hour fire resistance rating for screen enclosure walls is being required.

#### Requirements

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

The proposal has a reasonable and substantial connection with the welfare of the general public by providing a means for homeowners to attach a screen enclosure to the house without requiring fire resistance rating of the screen wall.

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

The proposal improves the code by providing a means for a homeowner of a two family dwelling to attach a popular structure increasing the recreational space available to the homeowner and her or his family.

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

#### Does not degrade the effectiveness of the code

The proposal increases the effectiveness of the code by providing a means for a homeowner of a to attach a popular structure increasing the recreational space available to the homeowner and her or his family.

### 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?

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

R302.3 Two-family dwellings. *Dwelling units* in two-family dwellings shall be separated from each other by wall and/or floor assemblies having not less than a 1-hour fire-resistance rating when tested in accordance with ASTM E 119 or UL 263. Fire-resistance-rated floor/ceiling and wall assemblies shall extend to and be tight against the *exterior wall*, and wallassemblies shall extend from the foundation to the underside of the roof sheathing.

**Exceptions:** 

1. A fire-resistance rating of 1/2 hour shall be permitted in buildings equipped throughout with an automatic sprinkler system installed in accordance with NFPA 13.

2. Wall assemblies need not extend through *attic* spaces when the ceiling is protected by not less than 5/8-inch (15.9 mm) Type X gypsum board and an *attic* draft stop constructed as specified in Section R302.12.1 is provided above and along the wall assembly separating the *dwellings*. The structural

framing supporting the ceiling shall also be protected by not less than 1/2-inch (12.7 mm) gypsum board or equivalent.

3. Screen enclosure walls of insect screening with a maximum of 25 percent solid flexible finishes.

The State of Florida has been called the birthplace of the screen enclosure as we know it. While the provisions for screen enclosures have not been approved by the ICC, they were submitted in the past. The base code does not address these structures found throughout Florida. Florida's climate is conducive to outdoor activities; however, the insects make enjoyment of the outdoors difficult. Screen enclosures serve the purpose of permitting citizens to enjoy the outdoors without the pests. The amount of screen enclosures constructed in Florida merits they be addressed in the code.

-5417					<u>.</u>	Pag	je 68 <del>8</del> 0105
Date Submitted Chapter	7/19/2 3	012	Section R302.5 Affects HVHZ	5.2 No	Proponent Attachments	Jack Glenn No	
TAC Recommend Commission Action		Approved as Subn Pending Review	nitted		•		
<u>Comments</u>							
General Commen	ts	No	Alte	ernate Language	No		
Related Modifica	ations						
Summary of Moo Allow conti			rd in garages in addit	tion to metal ductwork	۲.		
Rationale							
-		at steel, 1 inch minin	num rigid nonmetallic	Class U or Class 1 d	luct board, is equivale	nt to 20 gauge sheet m	ietal.
Fiscal Impact St Impact to I		ity relative to enfor	cement of code				
•		•	ne 2010 Florida Build	ing Code.			
•	•		rs relative to cost of ne 2010 Florida Build	f <b>compliance with coo</b> ling Code.	de		
•	-		of compliance with ne 2010 Florida Build				
Requirements							
				alth, safety, and welfa Florida Building Code.	are of the general pub	lic	
-				nt or better products Florida Building Code.	, methods, or system	s of construction	
Does not c	discrimin	ate against materia	lls, products, metho	-	nstruction of demons	trated capabilities	
	-	he effectiveness of rade the code. Prop		onsistent with the 201	0 Florida Building Cod	e.	
Is the proposed co YES	ode modifi	cation part of a prior of	code version?				
The provisions cor NO	ntained in	the proposed amend	ment are addressed in	the applicable internat	ional code?		
	le beyond	the needs or regiona		al jurisdiction of Florida by the foundation code	exihibits a need to stre and why the proposed	ngthen	

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

**R302.5.2 Duct penetration**. Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) sheet steel, <u>1 inch minimum rigid</u> nonmetallic Class 0 or Class 1 duct board, or other approved material and shall have no openings into the garage,

F5419				Page 70	0 <del>81</del> 105		
Date Submitted 7/19/2	2012	Section R310.1	Proponent	Jack Glenn			
Chapter 3		Affects HVHZ No	Attachments	No			
TAC Recommendation Commission Action	Approved as Submitt Pending Review	ed					
<u>Comments</u>							
General Comments	No	Alternate Language	No				
Related Modifications							
Summary of Modification	n						
Maintain the provisi	ion for means of escap	e to a screen enclosure					
Rationale							
i his change will rei enclosure.	nsert language from pi	revious code editions allowing for bedr	oom escape and rescu	e opening to open into a so	creen		
Fiscal Impact Statement							
•	ity relative to enforcer sed language is consis	<b>nent of code</b> tent with the 2010 Florida Building Co	de.				
		relative to cost of compliance with content to the content with the 2010 Florida Building Co					
• •		compliance with code tent with the 2010 Florida Building Co	de.				
Requirements							
		ction with the health, safety, and wel is with in the 2010 Florida Building Co		lic			
Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction Yes. Proposed language consistent is with in the 2010 Florida Building Code.							
Does not disc	•	products, methods, or systems of crials products, methods or systems of		•	h in		
•	the effectiveness of the grade the effectiveness	e code of the code. Proposed language cons	sistent is with in the 201	0 Florida Building Code.			
Is the proposed code modifi YES	ication part of a prior cod	de version?					
The provisions contained in NO	the proposed amendme	nt are addressed in the applicable interna	ational code?				

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

Page: `

# ADD New Exception #2 to R310.1

**R310.1 Emergency escape and rescue required**. Basements, habitable attics and every sleeping room shall have at least one operable emergency escape and rescue opening. Where basements contain one or more sleeping rooms, emergency egress and rescue openings shall be required in each sleeping room. Where emergency escape and rescue openings are provided they shall have a sill height of not more than 44 inches (1118 mm) measured from the finished floor to the bottom of the clear opening.

Where a door opening having a threshold below the adjacent ground elevation serves as an emergency escape and rescue opening and is provided with a bulkhead enclosure, the bulkhead enclosure shall comply with Section R310.3. The net clear opening dimensions required by this section shall be obtained by the normal operation of the emergency escape and rescue opening from the inside. Emergency escape and rescue openings with a finished sill height below the adjacent ground elevation shall be provided with a window well in accordance with Section R310.2. Emergency escape and rescue openings shall open directly into a public way, or to a yard or court that opens to a public way.

# Exceptions:

I. Basements used only to house mechanical equipment and not exceeding total floor area of 200 square feet (18.58  $\text{mm}^2$ ).

2. The emergency escape and rescue opening shall be permitted to open into a screen enclosure, open to the atmosphere, where a screen door is provided leading away from the residence.

F5717				Page 72 <del>82</del> 105				
Date Submitted	7/28/2012	Section R310.4	Proponent	Joseph Belcher				
Chapter	3	Affects HVHZ Yes	Attachments	Yes				
TAC Recommendation     Approved as Submitted       Commission Action     Pending Review								
<u>Comments</u> General Comme	ents No	Alternate Language	No					
		Alternate Language	INU					
Related Modifications R202 Definition of Means of Escape								
Summary of Modification								
Adds provision permitting the temporary installation of or closing of opening protection on emergency escape and resuce openings.								
Rationale This proposal and the companion change to R202 Means of Escape.bring forward provisions that have been in the FBC since the first edition. The provisions are field tested and proven to be beneficial to Florida citizens.								
The Commission determined that the protection of openings, even emergency escape and rescue openings when there is a threat of a storm is of extreme importance. The original intent for requiring such openings was to provide an opening of adequate size for the ingress of firefighters wearing full bunker gear and self-contained breathing apparatus. The provisions have evolved to emphasize escape; however, the opening size stipulated is still based on the ability of a fully bunkered firefighter to reach into the window and perform a rescue or to climb into the room. The provisions as currently contained in the code create a conflict between two life safety issues: escape during a fire emergency and structural integrity during a high wind event. While it is acknowledged there is a risk of fire during a hurricane, structural integrity must be considered the greatest concern. Clearly the damage wrought by Hurricane Andrew was wind damage, not fire damage. The provisions related to escape and rescue from bedrooms are based on a scenario where occupants are sleeping and a fire starts in another part of the house. The occupant awakens and finds the fire has blocked access to the primary means of egress. During a hurricane, it is doubtful that the occupants will be sleeping. We also acknowledge the potential for the opening protection to be installed a day or two in advance of a storm and to remain in place a day or two after the storm. However, storm protection devices are not closed or installed unless there is a serious threat of a storm approaching. Should entry by firefighters become necessary, tools to allow rapid entry from outside the structure are available on responding vehicles.								
Fiscal Impact Statement Impact to local entity relative to enforcement of code								
•	•	ngs forward provision that have been in the	FBCR since the first edition	on.				
Impact to building and property owners relative to cost of compliance with code No impact. The proposal brings forward provision that have been in the FBCR since the first edition.								
Impact to industry relative to the cost of compliance with code No impact. The proposal brings forward provision that have been in the FBCR since the first edition.								
Requirements								
Has a reasonable and substantial connection with the health, safety, and welfare of the general public The proposed modification will assist in safeguarding the public during high wind events.								
Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction The proposed modification will assist in safeguarding the public during high wind events.								
Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities The proposed modification will assist in safeguarding the public during high wind events and does not discriminate.								
Does not degrade the effectiveness of the code The proposed modification will assist in safeguarding the public during high wind events, thereby imnproving the effectiveness of the code.								
Is the proposed code modification part of a prior code version?								
YES								
The provisions o	contained in the proposed an	nendment are addressed in the applicable inter	rnational code?					

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?

R310.4 Bars, grilles, covers and screens. Bars, grilles, covers, screens or similar devices are permitted to be placed over emergency escape and rescue openings, bulkhead enclosures, or window wells that serve such openings, provided the minimum net clear opening size complies with Sections R310.1.1 to R310.1.3, and such devices shall be releasable or removable from the inside without the use of a key, tool, special knowledge or force greater than that which is required for normal operation of the escape and rescue opening. The temporary installation or closure of storm shutters, panels, and other approved hurricane protection devices shall be permitted on emergency escape and rescue openings during the threat of a storm. Such devices shall not be required to comply with the operational constraints of Section R310.1.4. While such protection is provided, at least one means of escape from the dwelling or dwelling unit shall be provided. The means of escape shall be within the first floor of the dwelling or dwelling unit and shall not be located within a garage without a side-hinged door leading directly to the exterior. Occupants in any part of the dwelling or dwelling unit shall be able to access the means of escape without passing through a lockable door not under their control.

Page: `

Page 74 of 105

The State of Florida is the only of the contiguous states where the entire land mass is a hurricane prone region. Historically, Florida has endured numerous land falls from hurricanes and special attention is merited for the installation of hurricane protection.

The amendment will be submitted to the ICC Group B Code Change Cycle for the 2015 International Residential Code.

F5415				Page 77 <del>6</del> 9105
Date Submitted 7/	/19/2012	Section R311.3	Proponent	Jack Glenn
Chapter 3		Affects HVHZ No	Attachments	No
TAC Recommendation Commission Action	n Approved as Submir Pending Review	tted		
<u>Comments</u>				_
General Comments	No	Alternate Language	No	
Related Modification	IS			
Summary of Modific	ation			
	code criteria to limit water	intrusion while providing maximum bet	ter wind resistance.	
exterior doors of Fiscal Impact Staten Impact to local	while allowing outswing do nent I entity relative to enforce	g code language to allow an outswing operation of code 2010 Florida Building Code.	door without a landing to r	ninimize water intrusion at
•	• • • •	relative to cost of compliance with co 2010 Florida Building Code.	ode	
•	stry relative to the cost or roposed language is in the	<b>f compliance with code</b> 2010 Florida Building Code.		
Requirements				
		ection with the health, safety, and wel ent with the 2010 Florida Building Code	• •	
•	• •	provides equivalent or better product ent with the 2010 Florida Building Code	· · •	of construction
Does not discr	riminate against materials	<b>a</b> , <b>products</b> , <b>methods</b> , <b>or systems of c</b> ed language is consistent with the 2010	onstruction of demonstra	ated capabilities
Does not degra	ade the effectiveness of t		-	dina Code.
	nodification part of a prior co			
The provisions contain	ed in the proposed amendm	ent are addressed in the applicable intern	ational code?	
The amendment demor	nstrates by evidence or data	that the geographical jurisdiction of Florid	la exihibits a need to strenœ	then

The amendment demonstrates by evidence or data that the geographical jurisdiction of Florida exilibits 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

**R311.3 Floors and landings at exterior doors.** There shall be a landing or floor on each side of each exterior door. The width of each landing shall not be less than the door served. Every landing shall have a minimum dimension of 36 inches (914 mm) measured in the direction of travel. Exterior landings shall be permitted to have a slope not to exceed 1/4 unit vertical in 12 units horizontal (2-percent).

**Exception:** Exterior balconies less than 60 square feet  $(5.6m^2)$  and only accessible from a door are permitted to have a landing less than 36 inches (914 mm) measured in the direction of travel.

**R311.3.1 Floor elevations at the required egress doors.** Landings or finished floors at the required egress door shall not be more than 11/2, inches (38 mm) lower than the top of the threshold.

**Exception:** The landing of floor on the exterior side shall not be more than 73/4 inches (196 mm) below the top of the threshold <del>provided the door does not swing over the landing or floor</del>.

Where exterior landings of floors serving the required egress door are not at grade, they shall be provided with access to grade by means of a ramp in accordance with Section R311.8 or a stairway in accordance with Section R31 1.7.

**R311.3.2** Floor elevations for other exterior doors. Doors other than the required egress door shall be provided with landings or floors not more than 73/4, inches (196 mm) below the top of the threshold.

Exception: A landing is not required where a stairway of two or fewer risers is located on the exterior side of the door., provided the door does not swing over the stairway.

Add exception 2 to Section R311.7.5

R311.7.5 Landings for stairways. There shall be a floor or landing at the top and bottom of each stairway.

## Exception:

1. A floor or landing is not required at the top of an interior flight of stairs, including stairs in an enclosed garage, provided a door does not swing over the stairs. A flight of stairs shall not have a vertical rise larger than 12 feet (3658 mm) between floor levels or landings. The width of each landing shall not be less than the width of the stairway served. Every landing shall have a minimum dimension of 36 inches (914 mm) measured in the direction of travel.

2. See Section R311.3 from exterior doors where a step down is provided.

F5437				Page 79 <del>21</del> 105	
Date Submitted 7/	20/2012	Section SECTION R313 - AUTOMAT	IC F <b>F</b> roponent	Ken Cureton	
Chapter 3		Affects HVHZ No	Attachments	No	
TAC Recommendation Commission Action	n Approved as Submi Pending Review	tted			_
<u>Comments</u>					
General Comments	No	Alternate Language	No		
Related Modification	s				
None					
Summary of Modifica	ation				
Modify SECTIC	)N R313				
Rationale					
Existing Buildin change process	ig Code (IEBC) base code	tatutes, the proposed modification will sup with Florida specific requirements in acc 13 Florida Building Code. The proposed n	ordance with the Com	mission's approved code	
Fiscal Impact Statem					
•	l entity relative to enforce oposed language is curre	ement of code ntly adopted by the 2010 Florida Building	Code.		
•	• • • •	relative to cost of compliance with cod ntly adopted by the 2010 Florida Building			
•	stry relative to the cost o oposed language is curre	<b>f compliance with code</b> ntly adopted by the 2010 Florida Building	Code.		
Requirements					
		ection with the health, safety, and welfan his Modification is currently included in the	• ·		
Strengthens or	improves the code, and	provides equivalent or better products,	methods, or systems	s of construction	
Yes. The	Proposed language for th	nis Modification is currently included in the	e 2010 Florida Building	g Code.	
	•	s, products, methods, or systems of con		•	
		e for this Modification is currently include	d in the 2010 Florida E	Building Code.	
•	ade the effectiveness of t	re code ge for this Modification is currently include	d in the 2010 Elerida I		
	odification part of a prior co			Building Code.	
YES	ounication part of a prior co				
.20					
The provisions containe NO	ed in the proposed amendm	ent are addressed in the applicable internation	onal code?		

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

The proposed code change was submitted in accordance with the Commission's update process for the 2013 FBC in order to maintain compliance with Florida Statutes.

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

1st (	Comm	ent P	eriod	History

<u> 08/09/2012 - 09/23/2012</u>

						Page 80 of 105
Proponent	Ken Cureton	Submitted	9/21/2012	Attachments	No	-

#### Comment:

The proposal deletes the automatic fire sprinkler provisions of Section R313 in accordance with 553.73(17) FS.



# http://www.floridabuilding.org/Upload/Modifications/Rendered/Mod\_5437\_TextOfModification\_1.png

## SECTION R313

#### AUTOMATIC FIRE SPRINKLER

## RESERVED

#### R212.1 Townhouse automatic fire sprinkler systems.

An automatic residential fire sprinkler system shall be installed in townhouses.

**Exception:** An automatic residential fire sprinkler system shall not be required when *additions* or *alterations* are made to existing *townhouses* that do not have an automatic residential fire sprinkler system installed.

#### **R313.1.1 Design and installation.**

Automatic residential fire sprinkler systems for townhouses shall be designed and installed in accordance with Section P2904.

#### R313.2 One- and two-family dwellings automatic fire systems.

An automatic residential fire sprinkler system shall be installed in one- and two-family dwellings.

**Exception:** An automatic residential fire sprinkler system shall not be required for *additions* or *alterations* to existing buildings that are not already provided with an automatic residential sprinkler system.

#### .

F5437 Text Modification

#### R313.2.1 Design and installation.

Automatic residential fire sprinkler systems shall be designed and installed in accordance with Section P2904 or NFPA 13D.

F5019			Page 82 <del>6</del> 5105
Date Submitted7/9/2012Chapter44	Section 4412 Affects HVHZ Yes	Proponent Michael Gool Attachments	sby /es
TAC RecommendationApproved as SubmCommission ActionPending Review	tted		
Comments General Comments No	Alternate Language	No	

**Related Modifications** 

#### Summary of Modification

Eliminating unnecessary duplication of Chapter 44 HVHZ provisions

#### Rationale

Since the inception of the FBC, the content of Chapter 44 of the FBC, R has been a duplication of the sections contained in the FBC, Building volume. This proposed modification is intended to maintain the continuation of the current level of safety for the protection of life and property unchanged. Importantly, the proposed modification eliminates the need to unnecessarily duplicate more than one-hundred pages into the FBC, R volume, thereby reducing the size of the text contained in the FBC. Additionally, the proposed modification prevents the need to replace all of the non-wind related sections which were removed by legislative directive with dozens of individual modifications, each requiring review and approval; this process would otherwise be unavoidable in order to create a crucial integration of applicable and relevant building code sections into Chapter 44 requirements. In short, this proposed modification is a simplified approach resulting in identical code requirements but through a less time consuming, less complicated and less duplicative process.

#### Fiscal Impact Statement

#### Impact to local entity relative to enforcement of code

None. The end result is a continuation of the applicability of base building code requirements for HVHZ residences as has existed in all previous editions of the Florida Building Code.

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

None. The end result is a continuation of the applicability of base building code requirements for HVHZ residences as has existed in all previous editions of the Florida Building Code.

#### Impact to industry relative to the cost of compliance with code

None. The end result is a continuation of the applicability of base building code requirements for HVHZ residences as has existed in all previous editions of the Florida Building Code.

#### Requirements

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

It does so by ensuring direction to applicable sections of the code are provided.

#### Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction It does so by eliminating the need to unnecessarily duplicate building code provisions and affects a reduction in the number of code pages to be compiled, reviewed, edited and printed.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities This modification does not curtail the use of any material, products, methods or systems of construction already deemed acceptable by the Florida Building Code or any alternate materials, design and methods of construction and equipment acceptable to the code official.

#### Does not degrade the effectiveness of the code

This modification does not degrade the effectiveness of the code; instead, it maintains the applicability of relevant base code requirements as has been the case since the first edition of the Florida Building Code.

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

<u>1st Co</u>	mmen	t Period History		08/09/20	<u>012 - 09/23/2012</u>	
Pro	ponent	Jack Glenn	Submitted	9/23/2012	Attachments	No

#### Comment:

Creates a reference to Chapter 26 of the FBC-B. The FBC-R was created to be a free standing document and as such should

include the language if it meets the criteria for a Florida specific amendment.

## SECTION R4412

# HIGH-VELOCITY HURRICANE ZONES - PLASTICS

R4412.1.1 General Refer to Chapter 26 of the Florida Building Code, Building.

**R4412.1.1.1** Plastic materials used as structural elements shall be designed by methods admitting of rational analysis according to established principles of mechanics.

**R4412.1.1.4** Plastic structural elements, other than sheets, shall be designed by a Florida registered professional engineer or a Florida registered architect.

R4412.1.2 Definitions.

APPROVED FOAM PLASTIC. An approved foam plastic shall be any thermoplastic, thermosetting or reinforced thermosetting plastic material that has a minimum self ignition temperature of 650°F (343°C) or greater when tested in accordance with ASTM D 1929. It shall have a smoke density rating not greater than 450 and a flame spread of 75 or less when tested in accordance with ASTM E 84.

APPROVED PLASTIC. An approved plastic shall be any thermoplastic, thermosetting or reinforced thermosetting plastic material which has a self ignition temperature of 650°F (343°C), or greater when tested in accordance with ASTM D 1929, a smoke density rating no greater than 450 when tested in the way intended for use by ASTM E 84 or a smoke density rating no greater than 75 when tested in the thickness intended for use according to ASTM D 2843 and which meets one of the following combustibility classifications:

CLASS C-1. Plastic materials that have a burning extent of 1 inch per minute (25.4 mm) or less when tested in nominal 0.060 inch (1.5 mm) thickness or in the thickness intended for use by ASTM D 635.

CLASS C-2. Plastic materials that have a burning rate of 21/2 inches (64 mm) per minute or less when tested in nominal 0.060 inch (1.5 mm) thickness or in the thickness intended for use by ASTM D 635.

Approved plastics for outdoor exposure shall be evaluated for outdoor durability in accordance with the Voluntary Standard Uniform Load Test Procedure for Thermoformed Plastic Domed Skylights , of the AAMA/WDMA 101/IS2/NAFS, Voluntary Performance Specification for Windows, Skylights and Glass Doors, as follows: 1. <del>years.</del> Page 84 of 105

2. Alternate:

a. Exposure to xenon arc weatherometer using a 6500 watt lamp per ASTM G 26-77 and ASTM D 2565 for a period of 4,500 hours.

Outdoor exposure conditions: Specimen exposed in Florida at 45 degree south exposure for a period of five

b. Impact testing, after exposure test as above, per ASTM D 256.

**FINISH RATING.** The time, as determined in accordance with ASTM E 119, at which a thermal barrier reaches a temperature rise of 240°F (116°C), above ambient or an individual temperature rise of 324°F (162°C), above ambient as measured on the plane of the thermal barrier nearest to foam plastic.

**FLAME SPREAD RATING.** The measurement of flame spread on the surface of materials or their assemblies as determined in accordance with ASTM E 84.

**GLASS FIBER REINFORCED PLASTIC**. Plastic reinforced with glass fibers having not less than 20 percent of glass fibers by weight.

LIGHT DIFFUSING SYSTEM. A suspended construction consisting in whole or in part of lenses, panels, grids or baffles suspended below independently mounted electrical lighting sources.

**PLASTIC GLAZING**. Plastic materials that are glazed or set in frame or sash and not held by mechanical fasteners which pass through the glazing material.

**PLASTIC ROOF PANELS**. Plastic materials that are fastened to structural panels or sheathing and which are used as light transmitting media in the plane of the roof.

PLASTIC SANDWICH PANELS. Panels of foam plastic sandwiched between incombustible skins.

**PLASTIC WALL PANELS**. Plastic materials that are fastened to structural panels or sheathing and which are used as light transmitting medium in exterior walls.

SKYLICHT. An assembly that includes plastic materials used as light transmitting medium and which is located above the plane of the roof

SMOKE DENSITY. A numerical value of smoke development, determined by measuring the area under the curve of light absorption versus time, in accordance with ASTM E 84 or ASTM D 2843.

THERMOPLASTIC MATERIALS. A plastic material that is capable of being repeatedly softened by increase of temperature and hardened by decrease of temperature.

THERMOSETTINC MATERIALS. A plastic material that is capable of being changed into a substantially non-reformable product when cured.

# SECTION R4412 HIGH-VELOCITY HURRICANE ZONES — PLASTICS

# R4412.1.1 General Refer to Chapter 26 of the Florida Building Code Building.

**R4412.1.1.1** Plastic materials used as structural elements shall be designed by methods admitting of rational analysis according to ostablished principles of mechanics.

**R4412.1.1.4** Plastic structural elements, other than sheets, shall be designed by a Floridaregistered professional engineer or a Florida registered architect.

R4412.1.2 Definitions.

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CLASS C-1. Plastic materials that have a burning extent of 1 inch per minute (25.4 mm) or less when tested in nominal 0.060 inch (1.5 mm) thickness or in the thickness intended for use by ASTM D 635.

CLASS C-2. Plastic materials that have a burning rate of 21/2 inches (64 mm) per minute or less when tested in nominal 0.060 inch (1.5 mm) thickness or in the thickness intended for use by ASTM D 635.

Approved plastics for outdoor exposure shall be evaluated for outdoor durability in accordance with the Voluntary Standard Uniform Load Test Procedure for Thermoformed Plastic Domed Skylights, of the AAMA/WDMA 101/IS2/NAFS, Voluntary Performance Specification for Windows, Skylights and Glass Doors, as follows:

1. Outdoor exposure conditions: Specimen exposed in Florida at 45 degree south exposure for a period of five years.

2. Alternate:

a. Exposure to xenon arc weatherometer using a 6500-watt lamp per ASTM G 26-77 and ASTM D 2565 for a period of 4,500 hours.

b. Impact testing, after exposure test as above, per ASTM D 256.

**FINISH RATING.** The time, as determined in accordance with ASTM E 119, at which a thermal barrier reaches a temperature rise of 240°F (116°C), above ambient or an individual temperature rise of 321°F (162°C), above ambient as measured on the plane of the thermal barrier nearest to feam plastic.

FLAME SPREAD RATING. The measurement of flame spread on the surface of materials or their assemblies as determined in accordance with ASTM E 84.

GLASS FIBER REINFORCED PLASTIC. Plastic roinforced with glass fibers having not loss than 20 percent of glass fibers by weight.

LIGHT DIFFUSING SYSTEM. A suspended construction consisting in whole or in part of lenses, panels, grids or baffles suspended below independently mounted electrical lighting courses.

**PLASTIC GLAZING.** Plastic materials that are glazed or set in frame or sash and not held by mechanical fasteners which pass through the glazing material.

**PLASTIC ROOF PANELS**. Plastic materials that are fastened to structural panels or sheathing and which are used as light transmitting media in the plane of the roof.

PLASTIC SANDWICH PANELS. Panels of foam plastic sandwiched between incombustible skins.

**PLASTIC WALL PANELS**. Plastic materials that are fastened to structural panels or sheathing and which are used as light transmitting medium in exterior walls.

SKYLIGHT. An assembly that includes plastic materials used as light transmitting medium and which is located above the plane of the roof

**SMOKE DENSITY**. A numerical value of smoke development, determined by measuring the area under the curve of light absorption versus time, in accordance with ASTM E 84 or ASTM D 2843.

**THERMOPLASTIC MATERIALS**. A plastic material that is capable of being repeatedly softened by increase of temperature and hardened by decrease of temperature.

**THERMOSETTING MATERIALS**. A plastic material that is capable of being changed into a substantially non-reformable product when cured.

Page 88 of 105

Total Mods for Fire in No Affirmative Recommendation with a Second: 4

Total Mods for report: 31

# Sub Code: Building

F5690	; 							Page	89 <del>8</del> 6105	
Date Submitted	7/26/2	2012	Section 102.1		1	Proponent	Brad Sch	iffer		
Chapter	1		Affects HVHZ	No		Attachments		No		
TAC Recommer		No Affirmative Recor	nmendation with a	Second						
Commission Ac	tion	Pending Review								
<u>Comments</u>										
General Comme	ents	No	Alte	ernate Language		No				

**Related Modifications** 

#### Summary of Modification

Allow methods of compliance in The Florida Fire Prevention Code that are not mentioned in Florida Building Code.

#### Rationale

(

Since a building in Florida has to be designed to meet the requirements of this Code and The Florida Fire Prevention Code (FFPC) there are methods of compliance that are not addressed in this Code but are allowed in the FFPC. In the past, for parity, many of these methods caused Florida amendments to this Code. This would allow use. These methods do not cause conflicts nor create different levels of requirements but are just not mentioned in this Code.

#### **Fiscal Impact Statement**

#### Impact to local entity relative to enforcement of code

This should clear up any confusion on the ability to use Code compliance methods allowed in The Florida Fire Prevention Code but not addressed in this Code.

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

This could lower cost of compliance by adding additional methods of compliance. Impact to industry relative to the cost of compliance with code

This could lower cost of compliance by adding additional methods of compliance.

#### Requirements

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

Being in parity with The Florida Fire Prevention Code will meet the health, safety, and welfare of the general public Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

By allowing additional methods of compliance improves the Code. Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Helps prevent discrimination. Does not degrade the effectiveness of the code

Enhances 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?

OTHER

**Explanation of Choice** 

Methods covered by this were prior Florida Amendments. The International Building Code does not coordinate with NFPA requirements covered in The Florida Fire Prevention Code.

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** 

Florida establishes the additional use of the NFPA 1 and NFPA 101 with The Florida Fire Prevention Code causing the need to coordinate.

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

OTHER

Explanation of Choice

It would not make sense in the IBC which uses the International Fire Code.

# [A] 102.1 General.

Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable. Where, in any specific case, different sections of this code specify different materials, methods of construction or other requirements, the most restrictive shall govern. If a method of compliance is silent in this Code but allowed in The Florida Fire Prevention Code it can govern.

F5003 Page 91 87105 **Date Submitted** Bryan Holland 7/6/2012 Section UL Proponent Chapter 35 Affects HVHZ No Attachments No No Affirmative Recommendation with a Second **TAC Recommendation Commission Action** Pending Review **Comments** General Comments No Alternate Language No **Related Modifications Summary of Modification** Add standard UL 325 to list. Rationale The ANSI/UL standard is referenced in Section 406.1.5 & amp; 3110.4 but not identified in Chapter 35 of the FBC-B. **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 No.

Does not degrade the effectiveness of the code

No.

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

325-02\*\*\*Door, Drapery, Gate, Louver and Window Operation and Systems - with Revisions through February 2010 \*\*\*406.1.5, 3110.4

AS REFERENCED IN SECTION 406.3.5 & 3110.4 of the 2012 IBC.

General Comments

Alternate Language

**Related Modifications** 

None

#### Summary of Modification

Add APPENDIX D as indicated

#### Rationale

To comply with s. 553.73(7)(a) Florida Statutes, the proposed modification will supplement the most current version of the International Existing Building Code (IEBC) base code with Florida specific requirements in accordance with the Commission's approved code change process for the update to the 2013 Florida Building Code. The proposed modification is necessary in order to carry forward the Commission's Working Group initiatives of formatting and improving the application of the Florida Building Code - Existing Building, as well as correlate with other sections of the Florida Building Code.

#### **Fiscal Impact Statement**

#### Impact to local entity relative to enforcement of code

None. Proposed language is currently adopted by the 2010 Florida Building Code.

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

None. Proposed language is currently adopted by the 2010 Florida Building Code.

#### Impact to industry relative to the cost of compliance with code

None. Proposed language is currently adopted by the 2010 Florida Building Code.

#### Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public Yes. The Proposed language for this Modification is currently included in the 2010 Florida Building Code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction Yes. The Proposed language for this Modification is currently included in the 2010 Florida Building Code.

#### Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities It does not. The Proposed language for this Modification is currently included in the 2010 Florida Building Code. Does not degrade the effectiveness of the code

It does not. The Proposed language for this Modification is currently included in the 2010 Florida Building 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**

The proposed code change was submitted in accordance with the Commission's update process for the 2013 FBC in order to carry forward the Commission's Working Group initiatives of formatting and improving the application of the Florida Building Code - Existing Building, as well as correlate with other sections of the Florida Building 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

# **1st Comment Period History**

08/09/2012 - 09/23/2012	

Proponent	BOAF CDC	Submitted	9/17/2012	Attachments	No	-

#### Comment:

Unnecessary, we have had 3 code cycles since the type of construction changed.

This is an example of why the process was changed.

F5162-G1 The amendment does not demonstrate by evidence or data that the geographical jurisdiction of Florida exhibits a need to strengthen the foundation code beyond the needs or regional variations addressed by the foundation code. Per FS 553.73 (7) (g)

The proposed amendment was does not appear to have been submitted or attempted to be included in the foundation codes to avoid resubmission to the Florida Building Code amendment process.

## Add APPENDIX D as follows:

# <u>Appendix D</u>

# Type of Construction.

2001 Florida Building Code	2013 Florida Building Code
<u>Type I</u>	Type I-A
<u>Type II</u>	Type I-B
<u>Type III</u>	Type IV
Type IV 1-hour Protected	Type II-A
Type IV Unprotected	<u>Type II-B</u>
Type V 1-hour Protected	Type III-A
Type V Unprotected	Type III-B
Type VI 1-hour Protected	Type V-A
Type VI Unprotected	Type V-B

F4978 Page 98 89105 **Date Submitted** 7/6/2012 Section 1801.9 Proponent Michael Goolsby Chapter 18 Affects HVHZ No Attachments No No Affirmative Recommendation with a Second **TAC Recommendation Commission Action** Pending Review **Comments** General Comments No Alternate Language No **Related Modifications** Summary of Modification Section formatting Rationale While this entire Chapter is applicable for the HVHZ it makes reference and provides direction to sections which are not applicable. The purpose of this proposed modification is to provide guidance to the applicable and equivalent HVHZ sections. In this way, compliance with the intent of these provisions can be maintained in all jurisdictions. **Fiscal Impact Statement** Impact to local entity relative to enforcement of code Removes confusion by providing accurate direction regarding application of applicable code sections. Impact to building and property owners relative to cost of compliance with code Removes confusion by providing accurate direction regarding application of applicable code sections. Impact to industry relative to the cost of compliance with code Removes confusion by providing accurate direction regarding application of applicable code sections. Requirements Has a reasonable and substantial connection with the health, safety, and welfare of the general public It does so by ensuring direction to applicable sections of the code are provided. Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction It does so by ensuring direction to applicable sections of the code are provided. Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities This modification provides guidance to the applicable code sections and does not limit the use or compliance of materials. Does not degrade the effectiveness of the code This modification provides guidance to the applicable code sections and does not limit the use or compliance of materials. Is the proposed code modification part of a prior code version? No

1st Comment Period History			08/09/20	<u> 08/09/2012 - 09/23/2012</u>		
	Proponent	Jack Glenn	Submitted	9/23/2012	Attachments	No

#### Comment:

This change is not necessary as Section R301.1 directs users to the provisions of Chapter 44 for structures located in the High 978-G1

Velocity Hurricane Zone.

M1801.9 Fireblocking. Vent and chimney installations shall be fireblocked in accordance with Section R602.8 the HVHZ shall comply with Chapter 44).

Total Mods for Fire in Withdrawn: 1

Total Mods for report: 31

# Sub Code: Building

F5119			Page 101	<u></u> β₽ <sub>105</sub>
Date Submitted 7/13/2012	Section 1008.1.3.5	Proponent	Joe Bigelow	
Chapter 10	Affects HVHZ No	Attachments	No	
TAC RecommendationWithdrawnCommission ActionPending Review				
<u>Comments</u>				
General Comments No	Alternate Language	No		
Related Modifications				
Summary of Modification				
To carry forward Commission Dec state	ement and to implement the Commission pl	an to update the 201	3 code	
Rationale				
	ory Statement and to implement the Comm	ission plan to update	the 2013 code	
Fiscal Impact Statement Impact to local entity relative to enfor	coment of code			
	ode, no new requirements being establishe	d		
	rs relative to cost of compliance with cod ode, no new requirements being establishe			
Impact to industry relative to the cost Currently used under the 2010 C	of compliance with code ode, no new requirements being establishe	d		
Requirements				
	nection with the health, safety, and welfar eld tested and proven to be effective	e of the general pub	lic	
• •	d provides equivalent or better products, eld tested and proven to be effective	methods, or system	s of construction	
Carried over from the previous, fi	als, products, methods, or systems of con eld tested and proven to be effective	struction of demons	trated capabilities	
Does not degrade the effectiveness o Carried over from the previous, f	f the code ield tested and proven to be effective			
Is the proposed code modification part of a prior YES	code version?			
The provisions contained in the proposed amend NO	ment are addressed in the applicable internation	onal code?		

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 carry forward Commission Declaratory statement and to implement the Commission plan to update the 2013 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

# 1008.1.4.5 Add to read as shown.

**1008.1.4.5** The temporary installation or closure of storm shutters, panels and other approved hurricane protection devices shall be permitted on emergency escape and rescue openings in Group R occupancies during the threat of a storm. Such devices shall not be required to comply with the operational constraints of Section 1029.4. While such protection is provided, at least one means of escape from the dwelling or dwelling unit shall be provided. The means of escape shall be within the first floor of the dwelling or dwelling unit and shall not be located within a garage without a side hinged door leading directly to the exterior. Occupants in any part of the dwelling or dwelling unit shall be able to access the means of escape without passing through a lockable door not under their control.

Page 103 of 105

Total Mods for Fire in No Affirmative Recommendation without a Second: 1

Total Mods for report: 31

# Sub Code: Residential

# F5995

Date Submitted       8/2/2012       Section       R324       Proponent       Alfonso Fernandez-Fraga         Chapter       3       No Affirmative Recommendation without a Second       No         TAC Recommendation       No Affirmative Recommendation without a Second       No         Commission Action       Pending Review       No         Commission Action       No       Alternate Language       No         General Comments       No       Alternate Language       No         Related Modifications       R303.4       Summary of Modification         Adds carbon dioxide alarm requirement, where called for by other sections of the Code.       Rationale         The elaboration on carbon dioxide alarm requirement of code       None, unless required by the proposed change to 303.4.         Impact to local entity relative to enforcement of code       None, unless required by the proposed change to 303.4.         Impact to building and property owners relative to cost of compliance with code       None, unless required by the proposed change to 303.4.         Reputements       Has a reasonable and substantial connection with the health, safety, and welfare of the general public       Yes. Refer to proposed change to R303.4         Strengthems or improves the code, and provides equivalent or better products, methods, or systems of construction Yes. Refer to proposed change to R303.4       Does not discriminate         Does n	-5995					Page 104 <del>ð</del> f <sup>1</sup> 105
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s the proposed code modification part of a prior code version? No	No.					

# SECTION R324 CARBON DIOXIDE ALARMS

# R324.1 Carbon dioxide alarms.

For new construction, where required by other sections of this Code, an approved carbon dioxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units.

# R324.2 Carbon dioxide detection systems.

Carbon dioxide detection systems that include carbon dioxide detectors and audible notification appliances, installed and maintained in accordance with this section for carbon dioxide alarms, shall be permitted. Where a household carbon dioxide detection system is installed, it shall become a permanent fixture of the occupancy, owned by the homeowner and shall be monitored by an approved supervising station.

Exception: Where carbon dioxide alarms are installed meeting the requirements of Section R324.1, compliance with Section 315.2 is not required.

## R324.3 Alarm requirements.

Single-station carbon dioxide alarms shall be installed in accordance with this code and the manufacturer's installation instructions.