Structural Technical Advisory Committee – Comments

9th Edition (2026) Florida Building Code, Building

CHAPTER 22 STEEL

Editorial

S – B-Ch. 22 - Comment #1

From: Gascon, Jaime (RER) <Jaime.Gascon@miamidade.gov>
Sent: Friday, December 19, 2025 2:37 PM
To: Madani, Mo <Mo.Madani@myfloridalicense.com>
Cc: Clarke, Lundy J. (RER) <Jeanne.Clarke@miamidade.gov>
Subject: FBC - Chapter 22 - HVHZ - MOD 11917

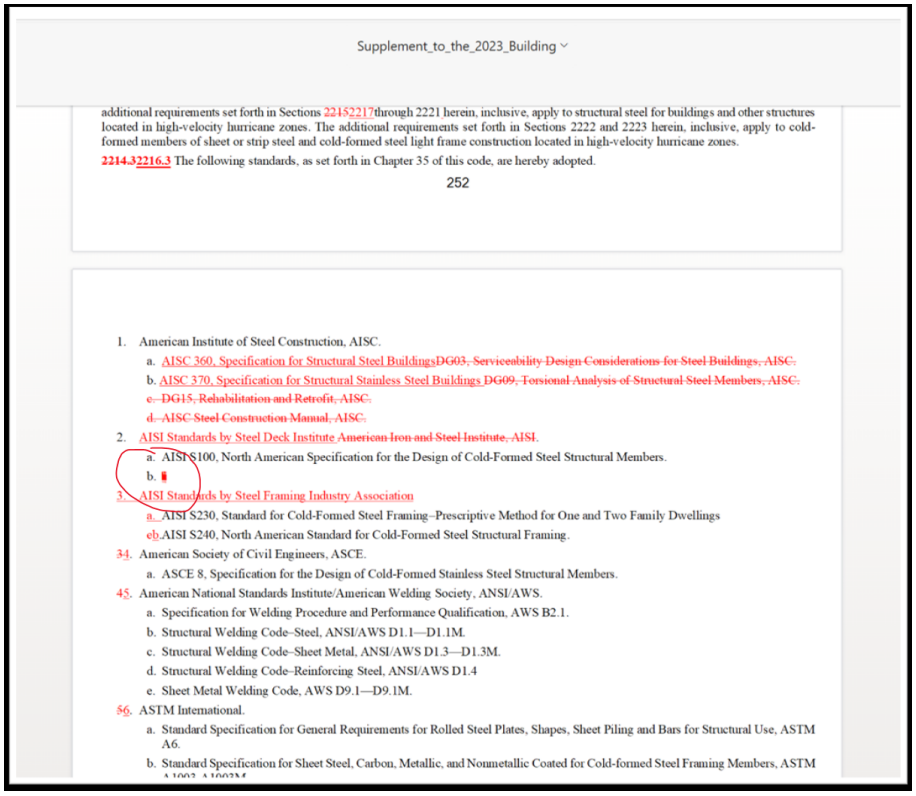
Mo,

The following comment is provided on the published draft of the code.

In the Supplement to the 2023 Building document, the following correction is needed:

The missing reference below for #2 b. should state:

2. AISI Standards by Steel Deck Institute ~~American Iron and Steel Institute, AISI~~.
    a. AISI S100, North American Specification for the Design of Cold-Formed Steel Structural Members.
    b. AISI S310, North American Standard for the Design of Profiled Steel Diaphragm Panels.



Supplement_to_the_2023_Building

additional requirements set forth in Sections 22152217through 2221 herein, inclusive, apply to structural steel for buildings and other structures located in high-velocity hurricane zones. The additional requirements set forth in Sections 2222 and 2223 herein, inclusive, apply to cold-formed members of sheet or strip steel and cold-formed steel light frame construction located in high-velocity hurricane zones.

2214.32216.3 The following standards, as set forth in Chapter 35 of this code, are hereby adopted.

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1. American Institute of Steel Construction, AISC.
   a. AISC 360, Specification for Structural Steel BuildingsDG03, Serviceability Design Considerations for Steel Buildings, AISC.
   b. AISC 370, Specification for Structural Stainless Steel Buildings DG09, Torsional Analysis of Structural Steel Members, AISC.
   c. DG15, Rehabilitation and Retrofit, AISC.
   d. AISC Steel Construction Manual, AISC.
2. AISI Standards by Steel Deck Institute American Iron and Steel Institute, AISI.
   a. AISI S100, North American Specification for the Design of Cold-Formed Steel Structural Members.
   b.
3. AISI Standards by Steel Framing Industry Association
   a. AISI S230, Standard for Cold-Formed Steel Framing–Prescriptive Method for One and Two Family Dwellings
   eb.AISI S240, North American Standard for Cold-Formed Steel Structural Framing.
34. American Society of Civil Engineers, ASCE.
   a. ASCE 8, Specification for the Design of Cold-Formed Stainless Steel Structural Members.
45. American National Standards Institute/American Welding Society, ANSI/AWS.
   a. Specification for Welding Procedure and Performance Qualification, AWS B2.1.
   b. Structural Welding Code–Steel, ANSI/AWS D1.1—D1.1M.
   c. Structural Welding Code–Sheet Metal, ANSI/AWS D1.3—D1.3M.
   d. Structural Welding Code–Reinforcing Steel, ANSI/AWS D1.4
   e. Sheet Metal Welding Code, AWS D9.1—D9.1M.
56. ASTM International.
   a. Standard Specification for General Requirements for Rolled Steel Plates, Shapes, Sheet Piling and Bars for Structural Use, ASTM A6.
   b. Standard Specification for Sheet Steel, Carbon, Metallic, and Nonmetallic Coated for Cold-formed Steel Framing Members, ASTM

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TAC Recommendation: Editorial – AS [11-0]

Commission Action:

Editorial

S – B-Ch. 22 - Comment #2

From: Manley, Bonnie <manley@aisc.org>
Sent: Tuesday, January 6, 2026 12:40 PM
To: Madani, Mo <Mo.Madani@myfloridalicense.com>
Cc: Tom Sputo <tsputo50@gmail.com>; Ken Charles <kcharles@steeljoist.org>; Chris Raebel <raebel@aisc.org>; JP Cardin <jpcardin@thomasamc.com>; Don Allen <allen@steelframing.org>; Jason Warren <JasonWarren@scafco.com>; hschaubert@steeltubeinstitute.org
Subject: Re: 2026 FBC - Webinar Chat/Conference Call

Mo,

Thanks for reaching out. I've extracted the Chapter 22 sections requiring editorial modifications and added the suggested changes in blue legislative text as requested.

As always, please let me know if you have any questions or need any additional information.

Happy New Year,
Bonnie

Note: The legislative blue text indicates the needed editorial modifications in the Supplement to the 2023 Building Code, Chapter 22.

...

SECTION ~~2211~~2206
COLD-FORMED STEEL
LIGHT-FRAME CONSTRUCTION

~~2211.1~~2206.1 Structural framing systems. For cold-formed steel light-frame construction, the design and installation of the following structural framing systems, including their members and connections, shall be in accordance with AISI S240 and Sections ~~2211.1.1~~2206.1.1 through ~~2211.1.3~~2206.1.2, as applicable:

1. Floor and roof systems,
2. Structural walls,
3. Shear walls, strap braced walls and diaphragms to resist in-plane lateral loads, and
4. Trusses.

~~2211.1.1 Seismic requirements for cold-formed steel structural systems.~~ ~~Reserved.~~

~~2211.1.2~~2206.1.1 Prescriptive framing. Detached one- and two-family *dwellings* and *townhouses*, less than or equal to three *stories above grade plane*, shall be permitted to be constructed in accordance with AISI S230 subject to the limitations therein.

~~2211.1.3~~2206.1.2 Truss design. Cold-formed steel trusses shall comply with the provisions of Sections ~~2211.1.3.1~~2206.1.2.1 through ~~2211.1.3.3~~2206.1.2.2.

~~2211.1.3.1~~2206.1.2.1 **Truss design drawings.** The truss design drawings shall conform to the requirements of Section I1 of AISI S202 and shall be provided with the shipment of trusses delivered to the job site. The truss design drawings shall include the details of permanent individual truss member restraint/bracing in accordance with Section I1.6 of AISI S202 where these methods are utilized to provide restraint/bracing.

~~2211.1.3.2~~2206.1.2.2 **Trusses spanning 60 feet or greater.** The owner or the owner's authorized agent shall contract with a *registered design professional* for the design of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing for trusses with clear spans 60 feet (18 288 mm) or greater.

~~**2211.1.3.3 Truss quality assurance.** Reserved.~~

~~2211.2~~2206.2 **Nonstructural members.** For cold-formed steel light-frame construction, the design and installation of nonstructural members and connections shall be in accordance with AISI S220.

~~2210.3~~ 2206.3 **Cutting and notching.** The cutting and notching of holes in cold-formed steel framing members shall be in accordance with AISI S240 for structural members and AISI S220 for nonstructural members.

~~2210.4~~2206.4 **Fasteners and connectors exposed to saltwater environments.** Fasteners and connectors in areas within 3,000 feet (914 m) of a saltwater coastline, or other areas subject to salt corrosion, shall comply with Section 1711.

(Step 2 – S12161 AM/A1 – Original plus A1 2nd comment period)

(S11246 / S196-22 AM) (P11086/ S196-22 AM)

~~2210.4 Industrial Boltless Steel Shelving. The design, testing and utilization of industrial boltless steel shelving shall be in accordance with ANSI/MH 28.2.~~

Commented [BM1]: Editorial modification that eliminates duplicative language. See Section 2212.

(S11242 / S191-22 AM)

~~2210.5 Industrial steel work platforms. The design, testing and utilization of industrial steel work platforms shall be in accordance with ANSI/MH 28.3.~~

Commented [BM2]: Editorial modification that eliminates duplicative language. See Section 2213.

(S11244 / S193-22)

~~2210.6 Fasteners and connectors exposed to saltwater environments. Fasteners and connectors in areas within 3,000 feet (914 m) of a saltwater coastline shall comply with Section 1711.~~

Commented [BM3]: Editorial modification that eliminates duplicative language. See Section 2206.4 above.

(Step 2 – S12161 AM/A1 – Original plus A1 2nd comment period)

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SECTION 2207
STEEL JOISTS

2207.1General. The design, manufacture and use of open-web steel joists and joist girders shall be in accordance with either SJI ~~200~~ 100or SJI ~~100~~200, as applicable.

2207.2 Design. The *registered design professional* shall indicate on the *construction documents* the steel joist and steel joist girder designations from ~~the specifications listed in Section 2207.1~~SJI 100 or SJI 200; and shall indicate the requirements for joist and joist girder design, layout, end supports, anchorage, bridging design that differs from ~~the SJI specifications listed in Section 2207.1~~SJI 100 or SJI 200, bridging termination connections and bearing connection design to resist uplift and lateral loads. These documents shall indicate special requirements as follows:

1. Special loads including:
    1.1. Concentrated loads.

1.2. Nonuniform loads.

1.3. Net uplift loads.

1.4. Axial loads.

1.5. End moments.

1.6. Connection forces.

2. Special considerations including:

2.1. Profiles for joist and joist girder configurations that differ from those defined by ~~the SJI specifications listed in Section 2207.1~~SJI 100 or SJI 200.

2.2. Oversized or other nonstandard web openings.

2.3. Extended ends.

3. ~~Live and total load deflection~~ Deflection criteria for joists and joist girder configurations that differ from those defined by ~~the SJI specifications listed in Section 2207.1~~SJI 100 or SJI 200.

2207.3 Calculations. The steel joist and joist girder manufacturer shall design the steel joists and steel joist girders in accordance with ~~the SJI specifications listed in Section 2207.1~~SJI 100 or SJI 200 to support the load requirements of Section 2207.2. The *registered design professional* shall be permitted to require submission of the steel joist and joist girder calculations as prepared by a *registered design professional* responsible for the product design. Where requested by the *registered design professional*, the steel joist manufacturer shall submit design calculations with a cover letter bearing the seal and signature of the joist manufacturer's *registered design professional*. In addition to the design calculations submitted under seal and signature, the following shall be included:

1. Bridging design that differs from ~~the SJI specifications listed in Section 2207.1~~SJI 100 or SJI 200, such as cantilevered conditions and net uplift.
2. Connection design for:

2.1. Connections that differ from ~~the SJI specifications listed in Section 2207.1~~SJI 100 or SJI 200, such as flush-framed or framed connections.

2.2. Field splices.

2.3. Joist headers.

2207.4 Steel joist drawings. Steel joist placement plans shall be provided to show the steel joist products as specified on the *approved construction documents* and are to be utilized for field installation in accordance with specific project requirements as stated in Section 2207.2. Steel joist placement plans shall include, at a minimum, the following:

1. Listing of applicable loads as stated in Section 2207.2 and used in the design of the steel joists and joist girders as specified in the *approved construction documents*.
2. Profiles for joist and joist girder configurations that differ from those defined by ~~the SJI specifications listed in Section 2207.1~~SJI 100 or SJI 200.
3. Connection requirements for:

3.1. Joist supports.

3.2. Joist girder supports.

3.3. Field splices.

3.4. Bridging attachments.

4. ~~Live and total load deflection~~ Deflection criteria for joists and joist girder configurations that differ from those defined by ~~the SJI specifications listed in Section 2207.1~~SJI 100 or SJI 200.

Commented [BM4]: Editorial modification to reflect the approved as submitted Proposal S189-22.

5. Size, location and connections for bridging.
6. Joist headers.

Steel joist placement plans do not require the seal and signature of the joist manufacturer's *registered design professional*.

2207.5 Certification. At completion of manufacture, the steel joist manufacturer shall submit a *certificate of compliance* to the owner or the owner's authorized agent for submittal to the *building official* ~~as specified in Section 1704.5~~ stating that work was performed in accordance with *approved construction documents* and with ~~SJI specifications listed in Section 2207.1~~SJI 100 or SJI 200, as applicable.

(S11241 / S189-22 AS)

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SECTION ~~2213~~2210
METAL BUILDING SYSTEMS

Reserved.

2210.1 General. The design, fabrication and erection of a metal building system shall be in accordance with the provisions of this section.

2210.1.1 Design. The design of metal building systems shall be in accordance with Sections 2210.1.1.1 through 2210.1.1.4, as applicable.

2210.1.1.1 Structural Steel. The design, fabrication and erection of structural steel shall be in accordance with Section 2202~~2~~.

2210.1.1.2 Cold-Formed Steel. The design of cold-formed carbon and low-alloy steel structural members shall be in accordance with Section 2204.

2210.1.1.3 Steel Joists. The design of steel joists shall be in accordance with Section 2207.

2210.1.1.4 Steel Cable. The design, fabrication and erection including related connections of steel cables shall be in accordance with Section 2214.

(S11247 / S197-22 AM)

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SECTION 2213
STAIRS, LADDERS AND GUARDING FOR STEEL STORAGE RACKS AND INDUSTRIAL STEEL WORK PLATFORMS

~~2213~~2212~~2~~.1 **General.** The design and installation of stairs, ladders and guarding serving steel storage racks and industrial steel work platforms used in material handling structures shall be in accordance with ANSI/MH 32.1.

…

SECTION ~~2214~~2216
HIGH-VELOCITY HURRICANE ZONES—
GENERAL—STEEL CONSTRUCTION

~~2214.1~~2216.1 **Design.** Steel and iron members shall be designed by methods admitting of rational analysis according to established principles or methods.

~~2214.2~~2216.2 The design, fabrication and erection of iron and steel for buildings and other structures shall be as set forth in this chapter. The additional requirements set forth in Sections ~~2215~~2217through 2221 herein, inclusive, apply to structural steel for buildings and other structures located in high-velocity hurricane zones. The additional requirements set forth in Sections 2222 and 2223 herein, inclusive, apply to cold-formed members of sheet or strip steel and cold-formed steel light frame construction located in high-velocity hurricane zones.

~~2214.3~~2216.3 The following standards, as set forth in Chapter 35 of this code, are hereby adopted.

1. American Institute of Steel Construction, AISC.
   a. AISC 360, Specification for Structural Steel Buildings~~DG03, Serviceability Design Considerations for Steel Buildings, AISC.~~
   b. AISC 370, Specification for Structural Stainless Steel Buildings ~~DG09, Torsional Analysis of Structural Steel Members, AISC.~~
   ~~c. DG15, Rehabilitation and Retrofit, AISC.~~
   ~~d. AISC Steel Construction Manual, AISC.~~
2. AISI Standards by Steel Deck Institute ~~American Iron and Steel Institute, AISI~~.
   a. AISI S100, North American Specification for the Design of Cold-Formed Steel Structural Members.
   b. ▮
3. AISI Standards by Steel Framing Industry Association
   a. AISI S230, Standard for Cold-Formed Steel Framing–Prescriptive Method for One and Two Family Dwellings
   ~~c~~b.AISI S240, North American Standard for Cold-Formed Steel Structural Framing.

~~3~~4. American Society of Civil Engineers, ASCE.

a. ASCE 8, Specification for the Design of Cold-Formed Stainless Steel Structural Members.

45. American National Standards Institute/American Welding Society, ANSI/AWS.
   a. Specification for Welding Procedure and Performance Qualification, AWS B2.1.
   b. Structural Welding Code–Steel, ANSI/AWS D1.1—D1.1M.
   c. Structural Welding Code–Sheet Metal, ANSI/AWS D1.3—D1.3M.
   d. Structural Welding Code–Reinforcing Steel, ANSI/AWS D1.4
   e. Sheet Metal Welding Code, AWS D9.1—D9.1M.

56. ASTM International.
   a. Standard Specification for General Requirements for Rolled Steel Plates, Shapes, Sheet Piling and Bars for Structural Use, ASTM A6.
   b. Standard Specification for Sheet Steel, Carbon, Metallic, and Nonmetallic Coated for Cold-formed Steel Framing Members, ASTM A1003-A1003M.
   c. Standard Specification for High Strength Structural Bolts, Steel and Alloy Steel, Heat Treated, 120 ksi (830 MPa) and 150 ksi (1040 MPa) Minimum Tensile Strength, Inch and Metric Dimensions, ASTM F3125-F3125M.

67. National Association of Architectural Metal Manufacturers, NAAMM.
   a. NAAMM MBG 531, Metal Grating Manual.

78. Research Council on Structural Connections, RCSC.
   a. Specification for Structural Joints Using High-Strength Bolts, RCSC.

89. Steel Deck Institute, Inc., SDI.
   a. ~~Diaphragm Design Manual, SDI~~SDI SD Standard for Steel Deck.
   ~~b. SDI-C Standard for Composite Steel Floor Deck Slabs.~~
   ~~c. SDI-RD Standard for Steel Roof Deck.~~
   ~~d. SDI-NC Standard for Non-Composite Steel Floor Deck.~~

910. Steel Joist Institute, SJI.
   a. SJI 100, Standard Specification for K-Series, LH-Series, DLH-Series Open Web Steel Joists and for Joist Girders ~~45th Edition Standard Specifications Load Tables and Weight Tables for Steel Joists and Joist Girders, SJI.~~
   b. SJI 200, Standard Specification for CJ-Series Composite Steel Joists ~~"Structural Design of Steel Joist Roofs to Resist Ponding Loads," *Technical Digest No. 3*, SJI.~~
   ~~c. "Vibration of Steel Joist-Concrete Floors," *Technical Digest No. 5*, SJI.~~
   ~~d. "Design of Steel Joist Roofs to Resist Uplift Loads," *Technical Digest No. 6*, SJI.~~
   ~~e. "Welding of Open Web Steel Joist and Joist Girders," *Technical Digest No. 8*, SJI.~~
   ~~f. "Handling and Erection of Steel Joists and Joist Girders," *Technical Digest No. 9*, SJI.~~
   ~~g. 90 Years of Open Web Steel Joist Construction, SJI.~~
   ~~h. "Design of Lateral Load Resisting Frames Using Steel Joists and Joist Girders," *Technical Digest No. 11*, SJI~~

~~10~~11. Steel Tube Institute, STI.
a. HSS Design Manual, Volume 1: Section Properties & Design Information.
~~b. HSS Design Manual, Volume 2A: Member Design 2016.~~
~~c. HSS Design Manual, Volume 2B: Member Design 2016.~~
~~d. HSS Design Manual, Volume 3: Connections at HSS Members 2016.~~
~~e. HSS Design Manual, Volume 4: Truss & Bracing Connections 2016.~~

(Step 2 – S11917 A4 AM)

~~**2214.4 Workmanship.** Reserved.~~

~~**2214.5 Statements of the structural responsibilities of architects and professional engineers on the design of structural steel systems.** Reserved.~~

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TAC Recommendation: Editorial – AS [11-0]

Commission Action:

9th Edition (2026) Florida Building Code, Test Protocols for High-Velocity Hurricane Zones

TESTING APPLICATION STANDARD (TAS) 204-26
FLOOD RESISTANT TEST PROCEDURES (FOR PASSIVE IN PLACE SYSTEMS)

Editorial

S- TAS 204 - Comment #3

From: Gascon, Jaime (RER) <Jaime.Gascon@miamidade.gov>
Sent: Thursday, December 18, 2025 11:34 AM
To: Madani, Mo <Mo.Madani@myfloridalicense.com>
Cc: Makar, Helmy (RER) <Helmy.Makar@miamidade.gov>
Subject: MOD 12040 - New Test Protocol TAS204 - 9th Edition (2026) Draft Comment

Good morning Mo,

Pursuant to the draft for new test protocol TAS204 as posted on last page at Supplement_to_the_2023_Test_Protocols_for_HVHZ.docx, there should be two figures at the end of the protocol on pages 5 and 6 as shown in the attached file and in the BCIS for this MOD.

Contact me with any questions.

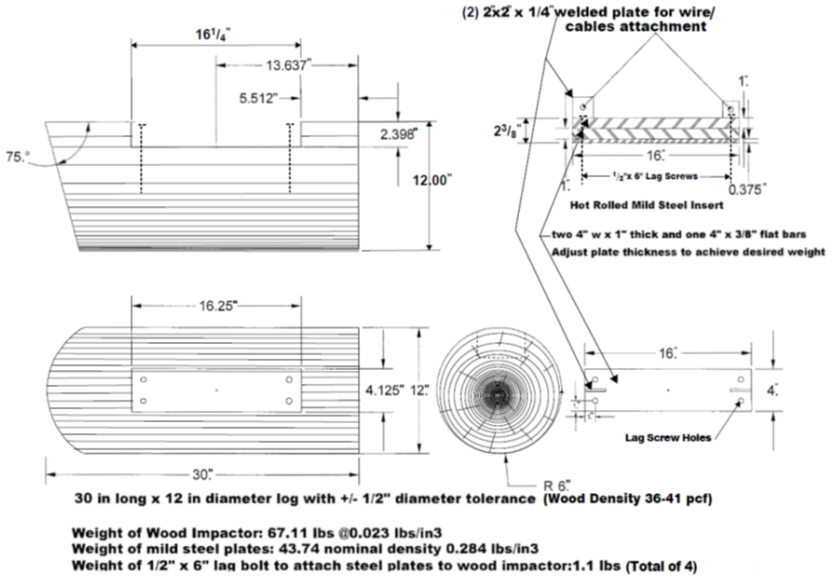

Fig. 2 (Impactor Design)

Thank you.

Jaime D. Gascon, P.E.
Board and Code Administration Division
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TAC Recommendation: Editorial – AS [11-0]

Commission Action:

S – TAS 202 – s.2411.3.2.1 [s.1709.5.2]

Jaime Gascon

Good afternoon Mo,

I am providing a comment to point out a correlation issue with the approval of MOD12171 for the 9th Edition FBC in the Building Volume HVHZ section 2411.3.2.1.

Since Chapter 24 is applicable to glazed products and the exceptions listed in MOD 12171 also apply to doors other than sliding, section *1709.5.2 Exterior windows and door assemblies not provided for in section 1709.5.1* should direct HVHZ users to section 2411.3.2.1 for proper HVHZ testing. To properly correlate the 9th edition of the code, section 1709.5.2 should read as follows:

1709.5.2 Exterior windows and door assemblies not provided for in Section 1709.5.1.
Exterior window and door assemblies shall be tested in accordance with ASTM E330 or TAS 202 (HVHZ shall comply with TAS 202 and 2411.3.2.1). Exterior window and door assemblies containing glass shall comply with Section 2403. The design pressure for testing shall be calculated in accordance with Chapter 16. Each assembly shall be tested for 10 seconds at a load equal to 1.5 times the design pressure.
Exceptions:
(No change)...

This correlation will establish consistency in the HVHZ where all exterior doors can benefit from use of the revised exception listed.

Thank you for your consideration.

Sincerely,

Jaime D. Gascon, P.E.
Board and Code Administration Division

TAC Recommendation: Correlation – AS [7-4] Fails

Commission Action:

S – TAS 202 – s.2411.3.2.1 [s.1709.5.2]

Jalal Farooq

Hi Mo, as per our conversation, I worked with Warren Schaefer on this and we are in agreement about submitting the below correlation-related comments to the 2026 FBC to resolve a conflict between changes within Section 1709.5.1 (being revised in FBC 2026) + Section 1709.5.2 (as existing) vs. Section

2411.3.2.1 (being revised for FBC 2026). My understanding is that within HVHZ you do not want to make manufacturers of side-hinged (and other doors other than sliding) doors to test for at least an LW rating. As proposed, the new 2411.3.2.1 would/may imply new testing for these doors within HVHZ (1709.5.2 as existing allows for these doors to not be tested).

1.

As suggested for 2411.3.2.1 (new changes in red, additions underlined, and some already-proposed text that I think should just be highlighted, plus a deletion of new proposed language in black strikethrough. Note: the "need not be tested for water infiltration" portion should be removed because it contradicts the first part of the same sentence and was removed in 1709.5.1. Remove it here also to match):

Operative window and sliding door assemblies shall be tested in accordance with the requirements of this section, TAS 202 and the forced entry resistance requirements from AAMA/WDMA/CSA 101/I.S.2/A440. Exterior side-hinged & pivot hinged doors (including bi-fold doors) shall be tested in accordance with the requirements of this section, TAS 202 and the forced entry resistance requirements from AAMA/WDMA/CSA 101/I.S.2/A440 or comply with Section 1709.5.2

Exceptions:

(no change)

Door assemblies labeled with a Limited Water (LW) rating as specified in AAMA/WDMA/CSA 101/I.S.2/A440 shall be permitted to be installed where the overhang (OH) ratio is equal to or more than 1~~ need not be tested for water infiltration~~. The overhang ratio shall be calculated by the following equation:

OH ratio = OH Length/OH Height

Where:

OH length = The horizontal measure of how far an overhang over a door projects out from door surface as shown in Figures A & B. ~~Where the overhang extends to side walls on both sides of the door that have a height equal to the overhang height, the OH length is as shown in Figure B.~~

OH height = The vertical measure of the distance from the door sill to the bottom of the overhang over a door as shown in Figures A & B.

(no change)

I also think you intend for there to be an update to 1709.5.2 – I don't see one proposed. Here is a suggestion for you, again to correlate to 1709.5.1. To be internally consistent with the description, I think the last sentence of the first paragraph of this section should be removed because it contradicts the previous sentence (TAS 202 requires a 30 sec. load duration, and the 10 second duration plus overload is already described in ASTM E330, so I think this is just an error):

As suggested for 1709.5.2 (new changes in red, additions underlined and deletions with strikethrough):

1709.5.2 Exterior windows and door assemblies not provided for in Section 1709.5.1. Exterior window and door assemblies shall be tested in accordance with ASTM E330 or TAS 202 (HVHZ shall comply with TAS 202). Exterior window and door assemblies containing glass hall comply with Section 2403. The design pressure for testing shall be calculated in accordance with Chapter 16. ~~Each assembly shall be tested for 10 seconds at a load equal to 1.5 times the design pressure.~~

Exceptions:

(no change)

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

OH ratio = OH Length/OH Height

Where:

OH length = The horizontal measure of how far an overhang over a door projects out from door surface as shown in Figures A & B in Section 1709.5.1.

OH height = The vertical measure of the distance from the door sill to the bottom of the overhang over a door as shown in Figures A & B in Section 1709.5.1.

(no change)

Thanks,
Jalal Farooq, P.E.
CFO
Al-Farooq Corporation
9360 Sunset Drive, Ste. 220, Miami, FL 33173
Direct: (305) 330-6805 **Cell:** (305) 725-5545
www.afceng.com

TAC Recommendation: Denial [11-0]

Commission Action:

S – TAS 202 – s.2411.3.2.1 [s.1709.5.2]

Jennifer Hatfield

From: Jennifer Hatfield <jen@jhatfieldandassociates.com>
Sent: Wednesday, February 18, 2026 7:16 PM
To: Madani, Mo <Mo.Madani@myfloridalicense.com>
Subject: Alternate Language for Consideration

Mo – on behalf of the Fenestration & Glazing Industry Alliance (FGIA), please find the attached alternate language document for consideration in lieu of Jaime Gascon's and Jalal Farooq's comments.

Alternate Language for consideration in lieu of Jaime Gascon and Jalal Farooq Comments

Background and Reasoning: The Commission adopted three code proposals in the 9th edition, all addressing an exception to water intrusion testing for exterior doors that have an overhang spanning outward over the door of a specified length. Those proposals were modifications S12167, S12171, and S12170. A correlation issue between mods S12167 and S12171 has arisen. Specifically, the intent of the proposals was to address the exception language in the specific sections provided within the original proposals. That language amended the overhang exception to require limited water testing and account for side walls in the OH ratio. The intent was to address exterior windows and sliding doors per what is covered in section 1709.5.1.

The original proposals as well as the modified proposals that were ultimately adopted by the Structural TAC and Commission, never included section 1709.5.2. This section provides for exterior side-hinged doors. The correlation issue is that the pointer to 1709.5.2 only exists in 1709.5.1, and not 2411.3.2.1. This alternate language attempts to rectify that to ensure consistency for code users, whether they are using the Chapter 17 or Chapter 24 provisions.

Changes in RED are the new alternative language to align section 2411.3.2.1 with 1709.5.1. Remaining changes simply reflect what was already adopted for the 9th edition.

2411.3.2.1

Operative window and sliding door assemblies shall be tested in accordance with the requirements of this section, TAS 202 and the forced entry resistance requirements from AAMA/WDMA/CSA 101/I.S.2/A440. Exterior side-hinged doors shall be tested and *labeled* as conforming to AAMA/WDMA/CSA101/I.S.2/A440 or comply with Section 1709.5.2.

Exceptions:

1. *(no change)*
2. Door assemblies labeled with a Limited Water (LW) rating as specified in AAMA/WDMA/CSA 101/I.S.2/A440 shall be permitted to be installed where the overhang (OH) ratio is equal to or more than 1 ~~need not be tested for water infiltration~~. The overhang ratio shall be calculated by the following equation:

   OH ratio = OH Length/OH Height

   Where:

   OH length = The horizontal measure of how far an overhang over a door projects out from door surface as shown in Figure A. Where the overhang extends to side walls on both sides of the door that have a height equal to the overhang height, the OH length is as shown in Figure B.

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

3. *(no change)*

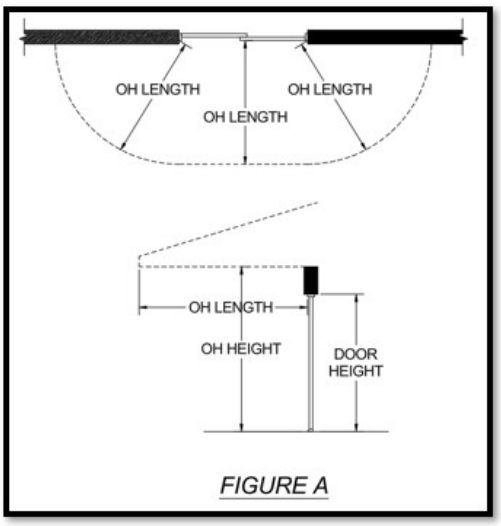

FIGURE A

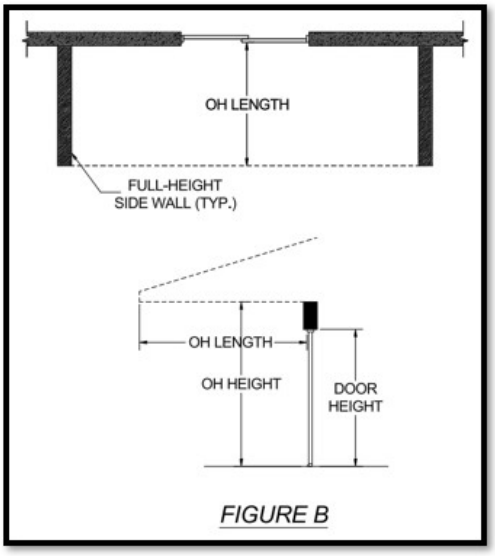

FIGURE B

TAC Recommendation: Correlation – AS [1-10] Fails

Commission Action: