

Evaluation of CF Wall Panels- 24-DrJ-0080
April 1, 2026

Mr. Mark J Klos
Metl-Span, A Nucor Company
1550 Coraopolis Heights Rd Ste 600
Moon Township, PA 15108-2973

Re: Evaluation of CF Wall Panels

Dear Mr. Klos:



Digitally signed
by RYAN J
DEXTER
Date:
2026.04.06
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4/6/2025

DrJ Engineering, LLC
Certificate of
Authorization #29766

DrJ Engineering, LLC (DrJ) has been asked to provide a Florida professional engineering accepted engineering practice review with respect to the CF Wall Panels. This work has been performed pursuant to our areas of expertise. The purpose of the DrJ review is to provide an engineering assessment of the conformance of the CF Wall Panels with the 2023 Florida Building Code (FBC) specifically for High Velocity Hurricane Zones (HVHZ).

CF Wall Panels conform to Section 1403, Section 1404, Section 1405, Section 2603 and Section 2615 of the 2023 FBC. CF panels have a polyisocyanurate (PIR) plastic core and two steel facers. These facers are made from galvanized coated steel or Galvalume® AZ50 coated steel (minimum 33 ksi) and are a minimum of 26 ga thick. This thickness meets the weather protection requirements in Section 1405.2 and Section 1406.2.1.1 in the FBC. The available thicknesses of the CF panels are 2", 2.5", 3", 4", 5", 6" and 8". The panels have a maximum coverage width of 42".

Panels must be attached to supports that are a minimum of 14 ga steel (minimum $F_y = 50$ ksi). Panels may be fastened using one of two methods. Method A (see Figure 1) may be used for all thicknesses of panel and with up to 42" of panel coverage width. Method B (see Figure 2) may be used with only 3", 4", 5", 6" and 8" thick panels and up to 30" of panel coverage width. All fasteners used for either method must be corrosion resistant. Panel end joints must be located at supports that are a minimum of 5" wide to ensure that each panel end is independently fastened, flashed and sealed properly. CF Wall Panels shall not be used for shear transfer or diaphragm action for adding stability to the primary building frame.

The maximum allowable positive and negative transverse loads for different spans of this product can be found in Table 1 and Table 2. These tables conform to the requirements of the FBC.



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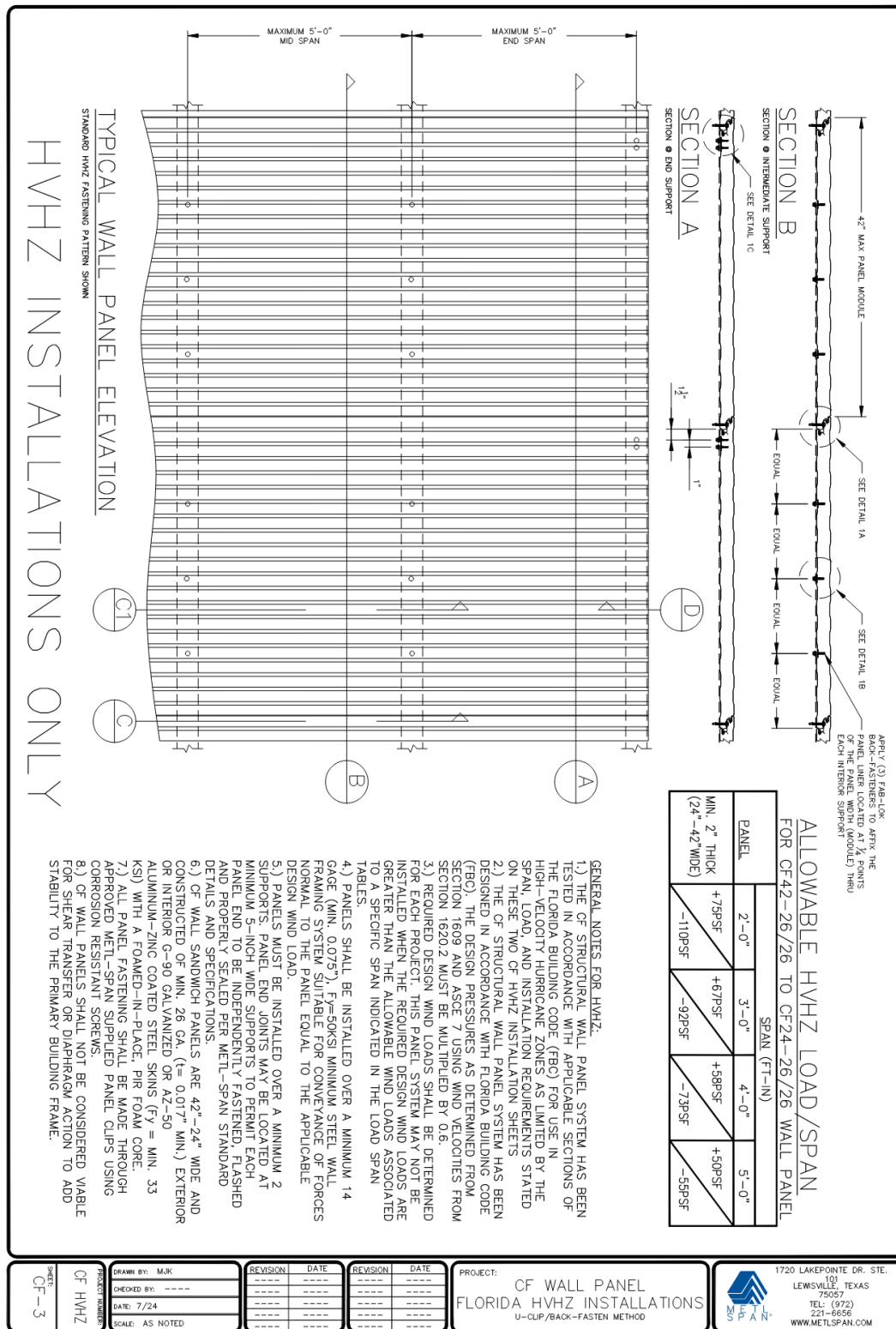


Figure 1A. CF 26GA/26GA Wall Panel HVHZ Installation Instructions

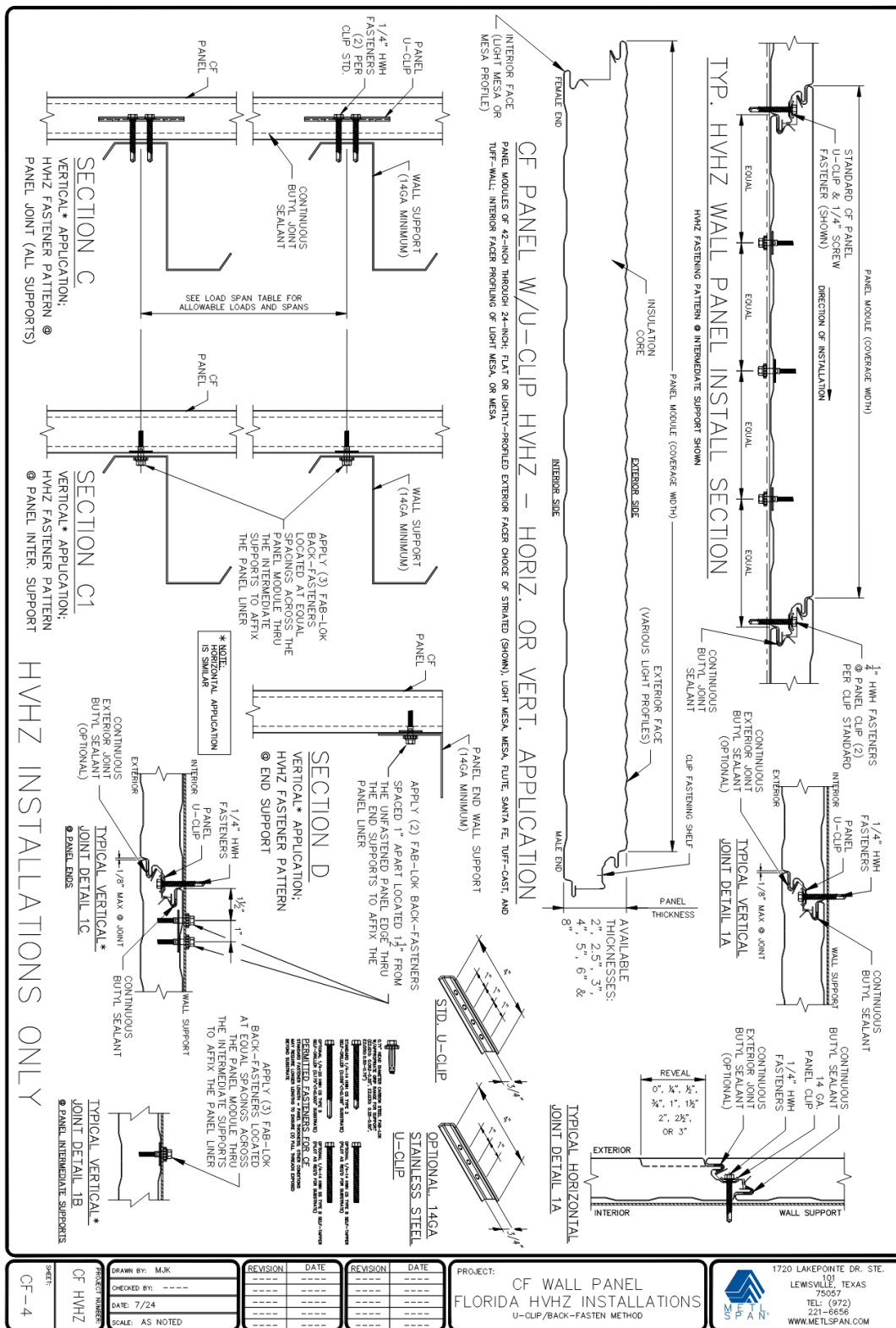


Figure 1B. CF 26GA/26GA Wall Panel HVHZ Installation Instructions

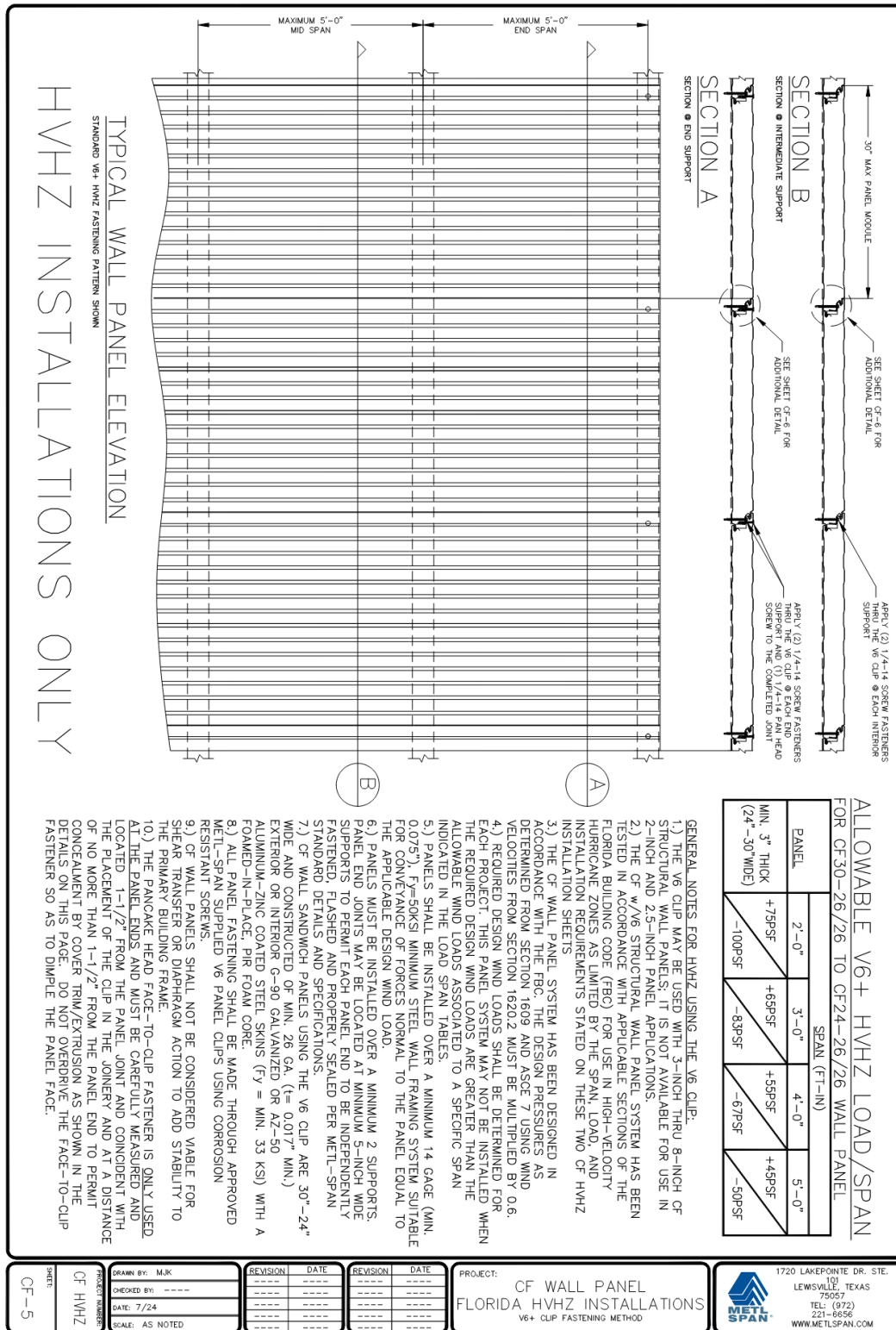


Figure 2A. CF 26GA/26GA Wall with V6 Clip Panel HVHZ Installation Instructions

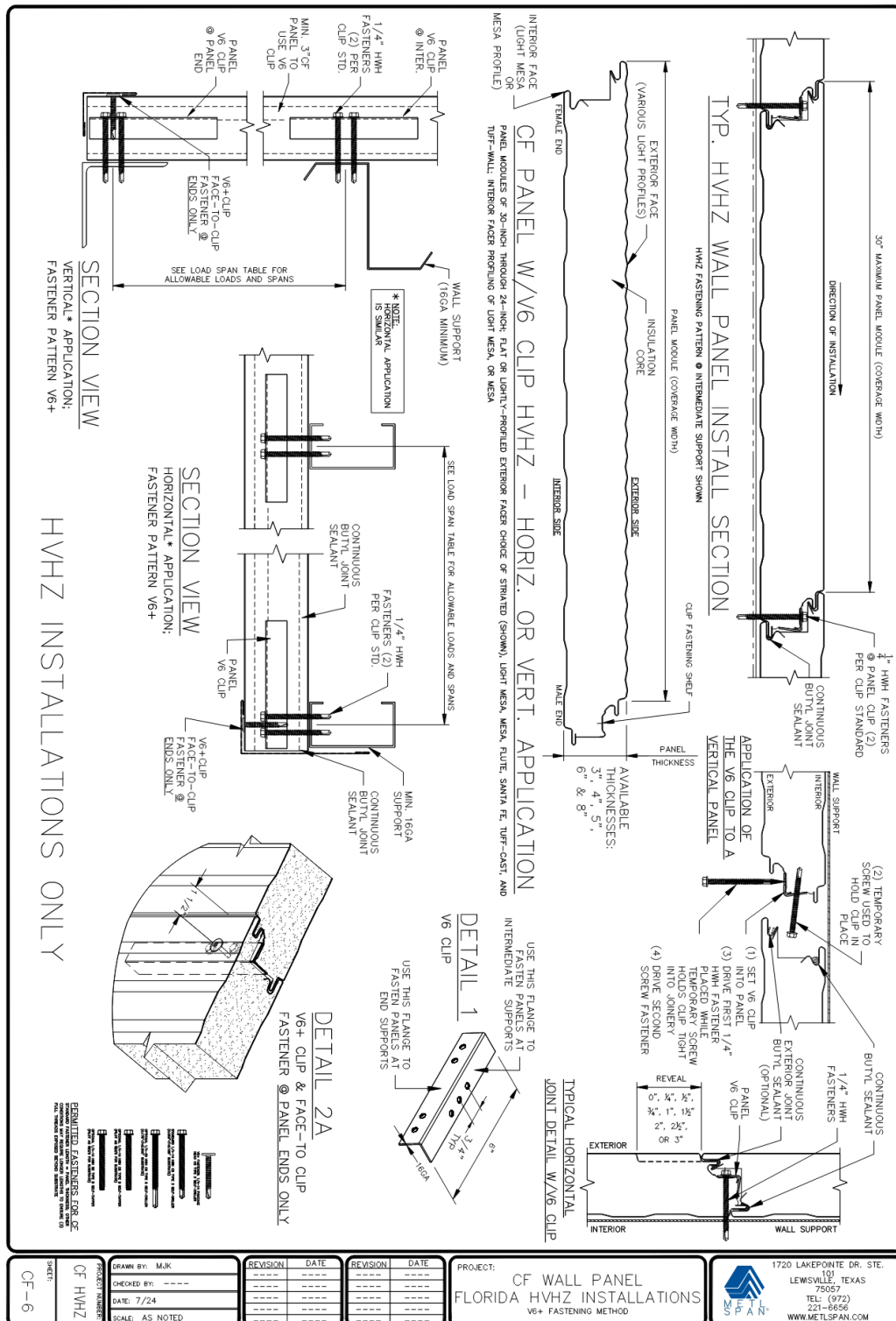


Figure 2B. CF 26GA/26GA Wall with V6 Clip Panel HVHZ Installation Instructions

Table 1. Allowable Design Loads for 26Ga/26Ga Faced CF 42 to CF 24 Wall Panel^{1,2,3}

Thickness (in)	# of Spans	Support Spacing (ft)							
		2		3		4		5	
2+	2+	75 psf	-110 psf	67 psf	-92 psf	58 psf	-73 psf	50 psf	-55 psf
1. Design pressures have been determined in accordance with FBC Section 1609 and ASCE 7 2. Structural capacity of the panel supports is not considered in this table 3. Please contact Metl-Span Engineering for additional information and assistance									

Table 2. Allowable Design Loads for 26Ga/26Ga Faced CF 30 to CF 24 Wall Panel with V6 Clip^{1,2,3}

Thickness (in)	# of Spans	Support Spacing (ft)							
		2		3		4		5	
3+	2+	75 psf	-100 psf	65 psf	-83 psf	55 psf	-67 psf	45 psf	-50 psf
1. Design pressures have been determined in accordance with FBC Section 1609 and ASCE 7 2. Structural capacity of the panel supports is not considered in this table 3. Please contact Metl-Span Engineering for additional information and assistance									

This panel is available for use in High-Velocity Hurricane Zones (HVHZ).

DrJ's procedures are fully compliant with the ISO/IEC 17065 certification process and DrJ's scope of expertise.

If there are any additional questions or concerns, we will gladly provide a Florida professional engineering¹ and ANAB ISO/IEC 17065 accredited² approved agency response. Pursuant to the 2023 FBC Code Section 1707.1³ we would sincerely appreciate knowing the specific sections of the adopted building code and/or professional engineering law that this engineering evaluation does not comply with so that we can cure any non-compliance. From specifics, we can then delineate a path forward for everyone involved to cure any violations, as this will serve everyone's free and fair market competition's best interests.

Our goal with the foregoing analysis is to provide both the accepted engineering analysis and regulatory compliance substance to support a systematic path to approval. Please contact us if we can help further in any way. If your request is time-sensitive, please contact Jill Zimmerman at (920) 988-7165. Thank you very much.

Respectfully yours,



Chris Scoville
Vice President Product Certification
608-310-6720



Ryan Dexter, P.E.
Florida P.E. No. 69484
Vice President
608-310-6744

¹ **Approved Source.** An independent person, firm or corporation, approved by the building official, who is competent and experienced in the application of engineering principles to materials, methods or systems analyses. https://up.codes/viewer/florida/fl-building-code-2023/chapter/2/definitions#approved_source

² **Approved Agency.** An established and recognized agency that is regularly engaged in conducting tests, furnishing inspection services or furnishing product certification where such agency has been approved by the building official. https://up.codes/viewer/florida/fl-building-code-2023/chapter/2/definitions#approved_agency

³ In the absence of approved rules or other approved standards, the building official shall make, or cause to be made, the necessary tests and investigations; or the building official shall accept duly authenticated reports from approved agencies in respect to the quality and manner of use of new materials or assemblies. The cost of all tests and other investigations required under the provisions of this code shall be borne by the owner or the owner's authorized agent.