

Force Engineering & Testing

19530 Ramblewood Drive
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Product Evaluation Report **CAPITAL METAL SUPPLY, INC.**

26 Ga. Capital Board and Batten Wall Panel

Florida Product Approval # 47491.1

Florida Building Code 2023

Per Rule 61G20-3

Method: 2 –B

Category: Panel Walls

Subcategory: Siding

Compliance Method: 61G20-3.005(2)(b)

NON HVHZ

Product Manufacturer:

Capital Metal Supply, Inc.

629 S.E. Industrial Circle
Lake City, Florida 32025

Capital Metal Supply, Inc.

3845 S US HWY 441
Lake City, Florida 32025

Engineer Evaluator:

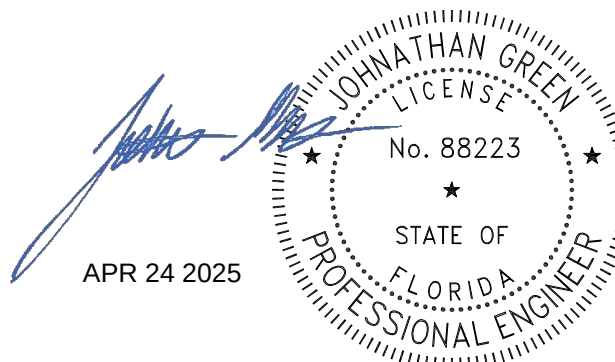
Johnathan Green, P.E. #88223

Florida Evaluation ANE ID: 12901

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AND SEALED BY
JOHNATHAN GREEN ON
THE DATE ADJACENT TO
THE SEAL.

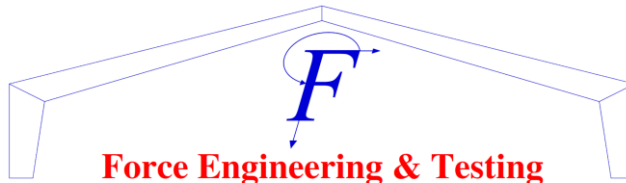
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Compliance Statement:	The product as described in this report has demonstrated compliance with the Florida Building Code 2023, Sections 1709.2
Product Description:	Capital Board and Batten Wall Panel, 26 Ga. Steel, 16" maximum coverage over 7/16" OSB sheathing.
Panel Material/Standards:	Material: 26 Ga. Steel, ASTM A792 or ASTM A653 G90 conforming to Florida Building Code 2023 Section 1405.2. Yield Strength: Min. 50.0 ksi
Panel Dimension(s):	Thickness: 0.018" min. Width: 16" maximum coverage Rib Height: ¾" Panel Slots: 1" x 3/16" slots at 6 3/8" O.C. Panel Orientation: Panel may be installed vertically or horizontally.
Panel Fastener:	#10-9 x 1" Wafer head fastener or approved equal. Corrosion Resistance: Per Florida Building Code 2023.
Substrate Description:	Min. 7/16" OSB sheathing over supports at maximum 24" O.C. Design of OSB and OSB supports must be designed in accordance w/ Florida Building Code.
Allowable Design Pressures:	+/- 66.7 psf at every other slot (12 ¾" O.C.) fastener spacing over 7/16" OSB sheathing.



Code Compliance:	The product described herein has demonstrated compliance with The Florida Building Code 2023, Section 1709.2
Evaluation Report Scope:	The product evaluation is limited to compliance with the structural wind load requirements of the Florida Building Code 2023, as relates to Rule 61G20-3.
Performance Standards:	The product described herein has demonstrated compliance with: ▪ ASTM E 330-14 Test method for structural performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference.
Reference Data:	1. ASTM E 330-14 Force Engineering & Testing (FBC Organization # TST-5328) Report No. 587-0036T-25 2. Certificate of Independence By Johnathan Green, P.E. #88223
Quality Assurance Entity:	The manufacturer has established compliance of roof panel products in accordance with the Florida Building Code and Rule 61G20-3.005 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity.
Installation:	Install per manufacturer's recommended details.
Insulation:	Manufacturer's approved product (Optional)
Shear Diaphragm:	Shear diaphragm values are outside the scope of this report.
Design Procedure:	Based on the dimensions of the structure, appropriate wind loads are determined using Chapter 16 of the Florida Building Code 2023 for wall cladding wind loads. These component wind loads for wall cladding are compared to the allowable pressure listed above. The design professional shall select the appropriate erection details to reference in his drawings for proper fastener attachment to his structure and analyze the panel fasteners for pullout and pullover. Support framing must be in compliance with Florida Building Code 2023 Chapter 22 for steel, and Chapter 16 for structural loading.



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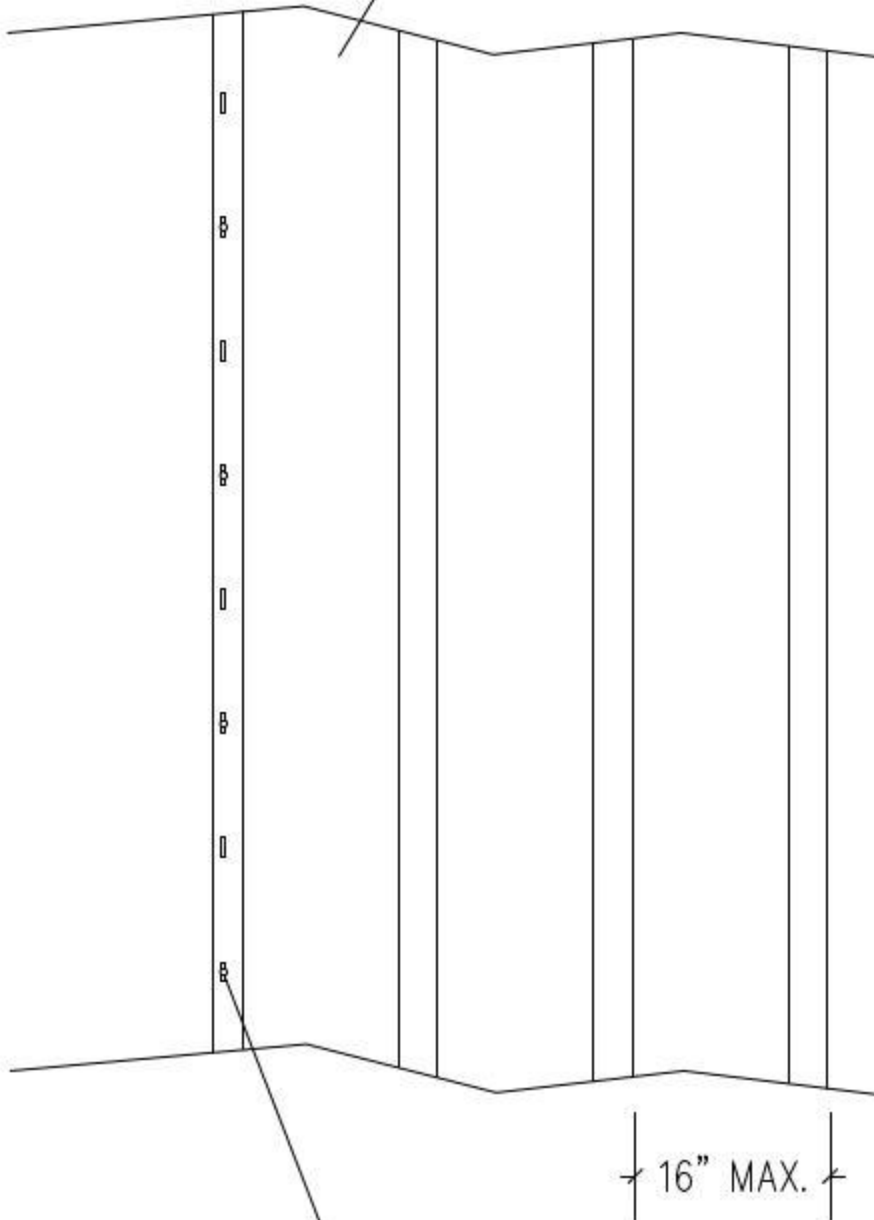
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26 GA. CAPITAL BOARD AND BATTEN
PANEL 16" MAXIMUM COVERAGE



(1) #10-9 x 1" WAFER HEAD FASTENER
AT EVERY OTHER SLOT (12 $\frac{3}{4}$ " O.C)
INTO MIN. $\frac{7}{16}$ " OSB