

**PEVALUATION REPORT OF
CENTRAL STATES MANUFACTURING, INC.
'26 GA. BOARD AND BATTEN PANEL'**

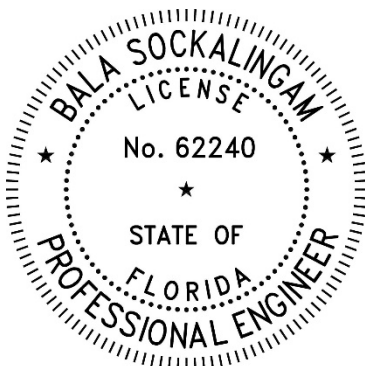
**FLORIDA BUILDING CODE 9TH EDITION (2026)
FLORIDA PRODUCT APPROVAL
FL 14024.1-R7
PANEL WALLS
SIDING**

**Prepared For:
Central States Manufacturing, Inc.
302 Jane Place
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**This report consists of
Evaluation Report (3 Pages including cover)
Installation Details (1 Page)**

**Report No. C3075-1
Date: 10.17.2026**



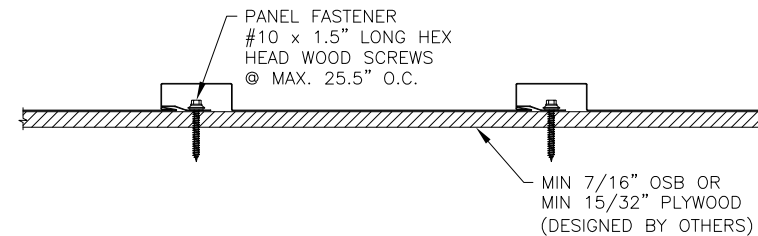
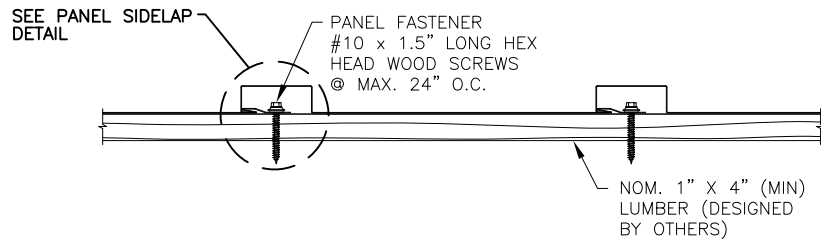
This item has been digitally signed and sealed by Bala Sockalingam, PE, on the date indicated.

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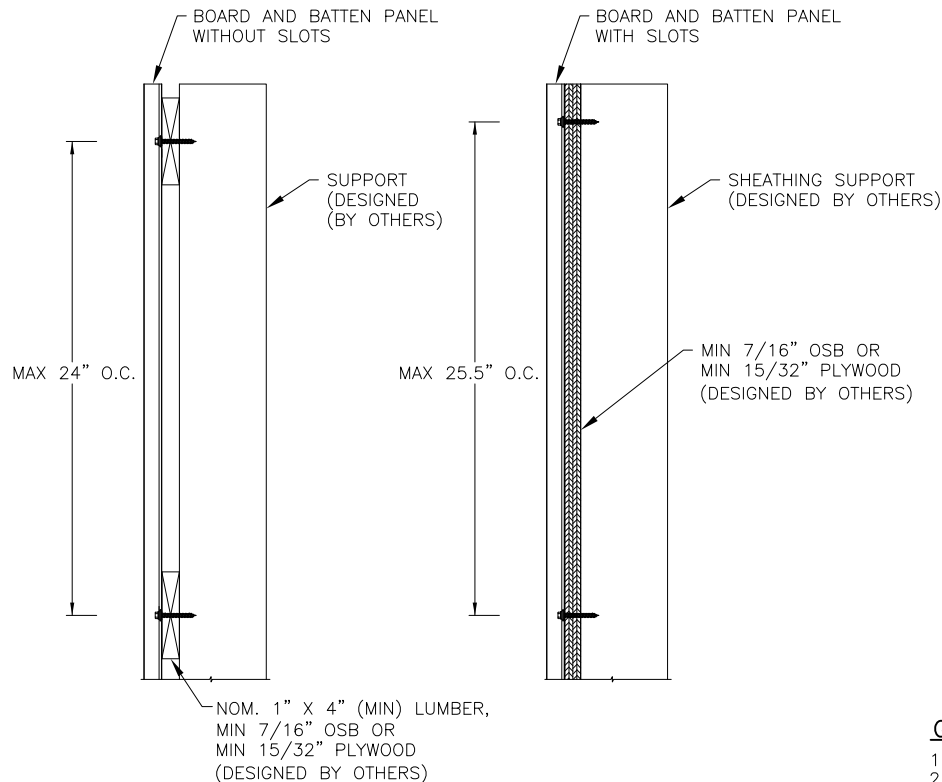
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Manufacturer:	Central States Manufacturing, Inc.										
Product Name:	Board and Batten Panel										
Panel Description:	Panel consists of a 3/4" high, 2" wide symmetrical rib with 8" low flat profile. The coverage width is 10". For use over solid sheathings, the panel seam consists of 1" x 3/16" slots which are spaced at 6.375" o.c. along the seam edge. For use over open supports, there were no slots on the panel seam.										
Materials:	Min 26 ga., 50 ksi steel Galvanized coated steel (ASTM A653) or Galvalume coated steel (ASTM A792) or painted steel (ASTM A755) as per FBC 2026 Section 1405.2.										
Supports or Sheathings:	Min. nominal 1" x 4" SYP dimensional lumber spaced at maximum 24" o.c. and designed by others. In lieu of open supports, min. 7/16" thick OSB sheathing or min. 15/32" thick plywood sheathing fastened to steel or wood supports at maximum 24" o.c. Sheathing and support connections must be designed to resist all loads and installed as per FBC 2026. Vapor barrier must be installed over sheathing or support in accordance with manufacturer's installation procedure.										
Allowable Loads:	Allowable inward load of 45 psf at max. support spacing of 24" o.c. For Board and Batten panel without slots, the allowable outward loads at max. support or fastener spacing of 24" o.c. are as follows: <table><tr><td>Min. nom. 1" x 4" SYP supports:</td><td>71.5 psf</td></tr><tr><td>Min. 15/32" thick plywood sheathing:</td><td>60.6 psf</td></tr><tr><td>Min. 7/16" thick OSB sheathing:</td><td>35.4 psf</td></tr></table> For Board and Batten panel with slots, fasteners are installed through every fourth 1" x 3/16" slots along the panel seam. The allowable outward loads at maximum fastener spacing of 25.5" o.c. are as follows: <table><tr><td>Min. 15/32" thick plywood sheathing:</td><td>25.5 psf</td></tr><tr><td>Min. 7/16" thick OSB sheathing:</td><td>25.5 psf</td></tr></table> The allowable loads were determined with a factor of safety of 2 from ASTM E1592 testing and are applicable for the panel. Panel fasteners in wood supports or substrates were designed with a factor of safety of 5 and duration factor of 1.6.	Min. nom. 1" x 4" SYP supports:	71.5 psf	Min. 15/32" thick plywood sheathing:	60.6 psf	Min. 7/16" thick OSB sheathing:	35.4 psf	Min. 15/32" thick plywood sheathing:	25.5 psf	Min. 7/16" thick OSB sheathing:	25.5 psf
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Min. 15/32" thick plywood sheathing:	25.5 psf										
Min. 7/16" thick OSB sheathing:	25.5 psf										
Panel Attachment:	#10 x 1.5" long Kwikseal ZXL MB Woodbinder screw with washer. Corrosion resistant as per FBC 2026 Section 1405.17. For installation in areas within 3000 ft. of a saltwater coastline, fasteners are corrosion resistant as per FBC 2026 Section 1711.										

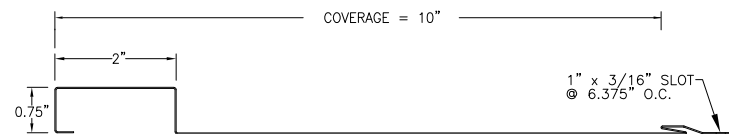
Test Standards:	Wall assembly tested in accordance with ASTM E1592-05(2017) 'Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference'.
Code Compliance:	The product described herein has demonstrated compliance with FBC 2026 Section 1404.5.
Product Limitations:	Design wind loads shall be determined for each project in accordance with FBC 2026 Section 1609 or ASCE 7-22 using allowable stress design. The maximum fastener or support spacing listed herein shall not be exceeded. The design pressure for reduced fastener or support spacing may be computed using rational analysis prepared by a Florida Professional Engineer. This product is not approved for use in the High Velocity Hurricane Zone.
Supporting Document:	ASTM 1592 Test Report ENCON Technology Inc. C2821-1, Reporting Date 9/27/2024



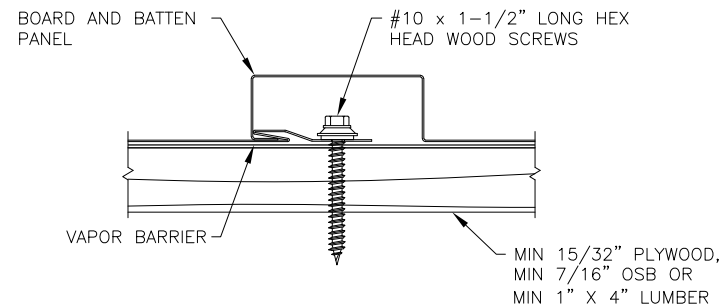
TYPICAL PANEL INSTALLATION X-SECTION



SECTION VIEW



BOARD AND BATTEN SIDING PANEL
26 GA.



PANEL SIDELAP

GENERAL NOTES:

1. WALL PANEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC).
2. WALL PANELS SHALL BE 26 GA. (t = 0.017"). EFFECTIVE COVERING WIDTH = 10".
3. THE WALL PANELS SHALL BE INSTALLED OVER STRUCTURE AS SPECIFIED ON THIS DRAWING.
4. REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED FOR EACH PROJECT. THIS PANEL SYSTEM MAY NOT BE INSTALLED WHEN THE REQUIRED DESIGN WIND LOADS ARE GREATER THAN THE ALLOWABLE DESIGN LOADS.
5. ALL FASTENERS MUST BE IN ACCORDANCE WITH THIS DRAWING & THE FLORIDA BUILDING CODE. IF A DIFFERENCE OCCURS BETWEEN THE MINIMUM REQUIREMENTS OF THIS DRAWING & THE CODE, THE CODE SHALL CONTROL.
6. SHEATHING & SUPPORTS MUST BE DESIGNED TO WITHSTAND WIND LOADS AS REQUIRED FOR EACH APPLICATION AND ARE THE RESPONSIBILITY OF OTHERS.

DRAWN BY: B.S.		CHECKED BY: A.W.	
PLOT:		DATE:	3/21/25
DATE			
BY			
REVISION	DESCRIPTION		
NO.			
DRAWING TITLE			
BOARD & BATTEN PANEL			
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