

**EVALUATION REPORT OF  
METAL SALES MANUFACTURING CORPORATION  
'29 GA. CLASSIC RIB PANEL'**

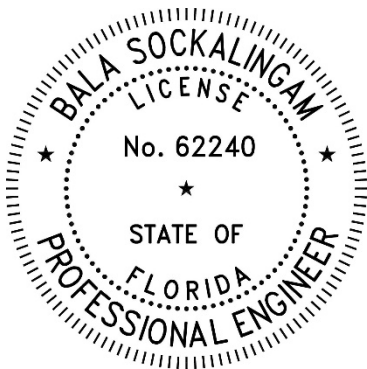
**FLORIDA BUILDING CODE 8TH EDITION (2023)  
FLORIDA PRODUCT APPROVAL  
FL 9482.3-R7  
PANEL WALLS  
SIDING**

**Prepared For:  
Metal Sales Manufacturing Corporation  
7800 Highway 60  
Sellersburg, IN 47172  
Telephone: (502) 855-4300  
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**Prepared By:  
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**This report consists of  
Evaluation Report (2 Pages including cover)  
Installation Details (1 Page)**

**Report No. C2671-3  
Date: 7.22.2023**



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

Printed copies of this document are not considered signed and sealed and this signature must be verified on any electronic copies.

Manufacturer: Metal Sales Manufacturing Corporation

Product Name: Classic Rib

Panel Description: 36" wide coverage with (5) 0.75" high ribs

Materials: Min. 29 ga., 80 ksi steel or 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 2023 Section 1405.2.

Support Description: Nom. 2" x 4" (min) lumber (Must be designed by others)

Design Pressure:  $\pm 120$  psf at support spacing of 24" o.c. (4 span condition)

Panel Attachment:  
Type: #9-16 or #10-14 x 1.5" long hex head corrosion resistant wood screw with sealed washer.

At field and panel ends: 9" o.c. across panel width with two fasteners at each sidelap.

Test Standards: Wall assembly tested in accordance with ASTM E330-02 'Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference.'

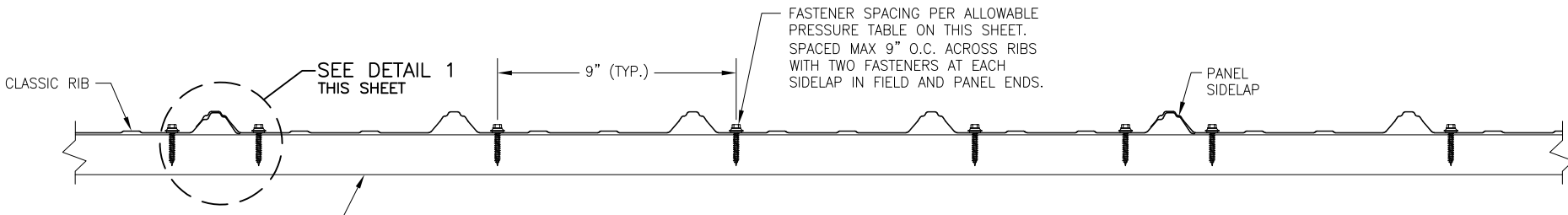
Test Equivalency: The test procedure in ASTM E330-02 complies with test procedure prescribed in ASTM E330-14.

Code Compliance: The product described herein has demonstrated compliance with FBC 2023 Section 1404.5.

Product Limitations: Design wind loads shall be determined for each project in accordance with FBC 2023 Section 1609 or ASCE 7-22 using allowable stress design. The maximum support spacing listed herein shall not be exceeded. The design pressure for reduced support spacing may be computed using rational analysis prepared by a Florida Professional Engineer. This evaluation report is not applicable in High Velocity Hurricane Zone.

Supporting Documents: ASTM E330 Test Report  
Farabaugh Engineering and Testing Inc.  
Project No. T156-07, Reporting Date 4/4/2007

NO.	REVISION	DESCRIPTION	BY	DATE



NOM. 2" X 4" (MIN)  
LUMBER  
(DESIGN BY OTHERS)

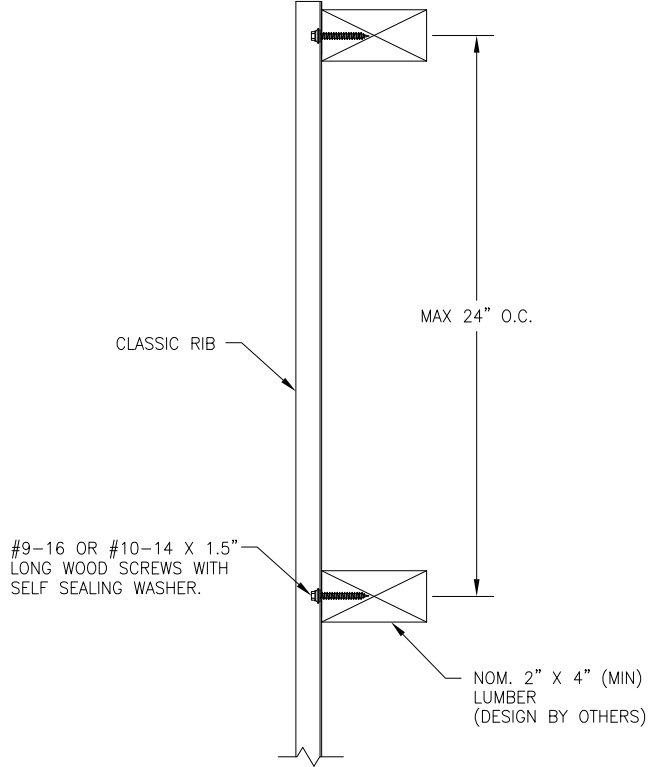
### TYPICAL PANEL INSTALLATION X-SECTION

#### ALLOWABLE PRESSURE

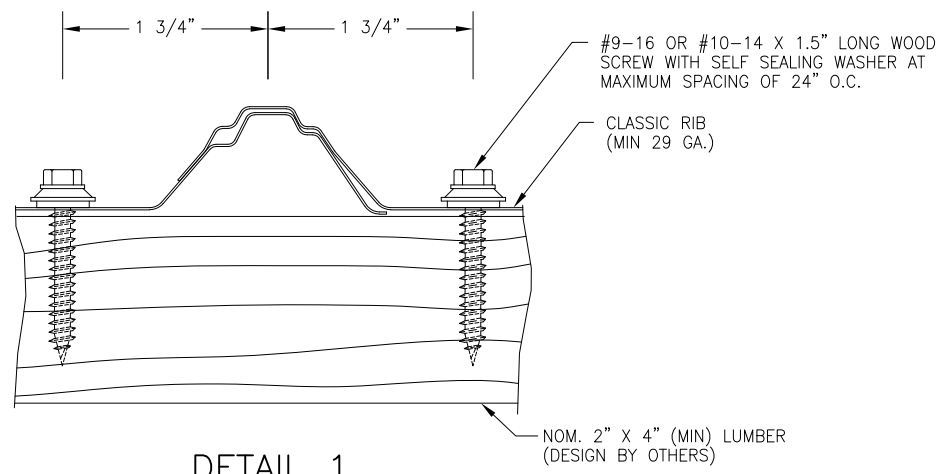
PANEL FASTENERS SPACING ALONG RIB	POSITIVE OR NEGATIVE PRESSURE (PSF)
24"	±120

#### GENERAL NOTES:

- STRUCTURAL WALL PANEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC).
- WALL PANELS SHALL BE MIN. 29 GA. (t = 0.0143"). EFFECTIVE COVERING WIDTH OF PANEL = 36".
- THE WALL PANELS SHALL BE INSTALLED OVER STRUCTURE AS SPECIFIED ON THIS DRAWING.
- 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 WIND LOADS SPECIFIED ON THIS DRAWING.
- 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.
- SUPPORTS MUST BE DESIGNED TO WITHSTAND WIND LOADS AS REQUIRED FOR EACH APPLICATION AND ARE THE RESPONSIBILITY OF OTHERS.



### SECTION VIEW



### DETAIL 1

DRAWING TITLE	CLASSIC RIB PANEL
	MANUFACTURER METAL SALES MANUFACTURING CORP. 7800 HIGHWAY 60 SELLERSBURG, IN 47172 502-855-4300
CONSULTANTS	BALA SOCKALINGAM, PH.D., P.E. 1216 N LANSING AVE, SUITE C TULSA, OK 74106 PHONE: 918-492-5992 FAX: 866-366-1543

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