

**EVALUATION REPORT OF
METAL SALES MANUFACTURING CORPORATION
'26 GA. STILE PANEL'**

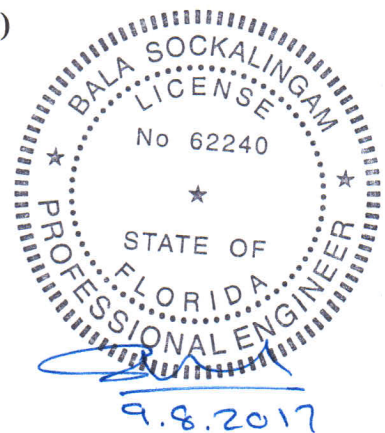
**FLORIDA BUILDING CODE 6TH EDITION (2017)
FLORIDA PRODUCT APPROVAL
FL 11560.8-R3
ROOFING
METAL ROOFING**

**Prepared For:
Metal Sales Manufacturing Corporation
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Telephone: (502) 855-4300
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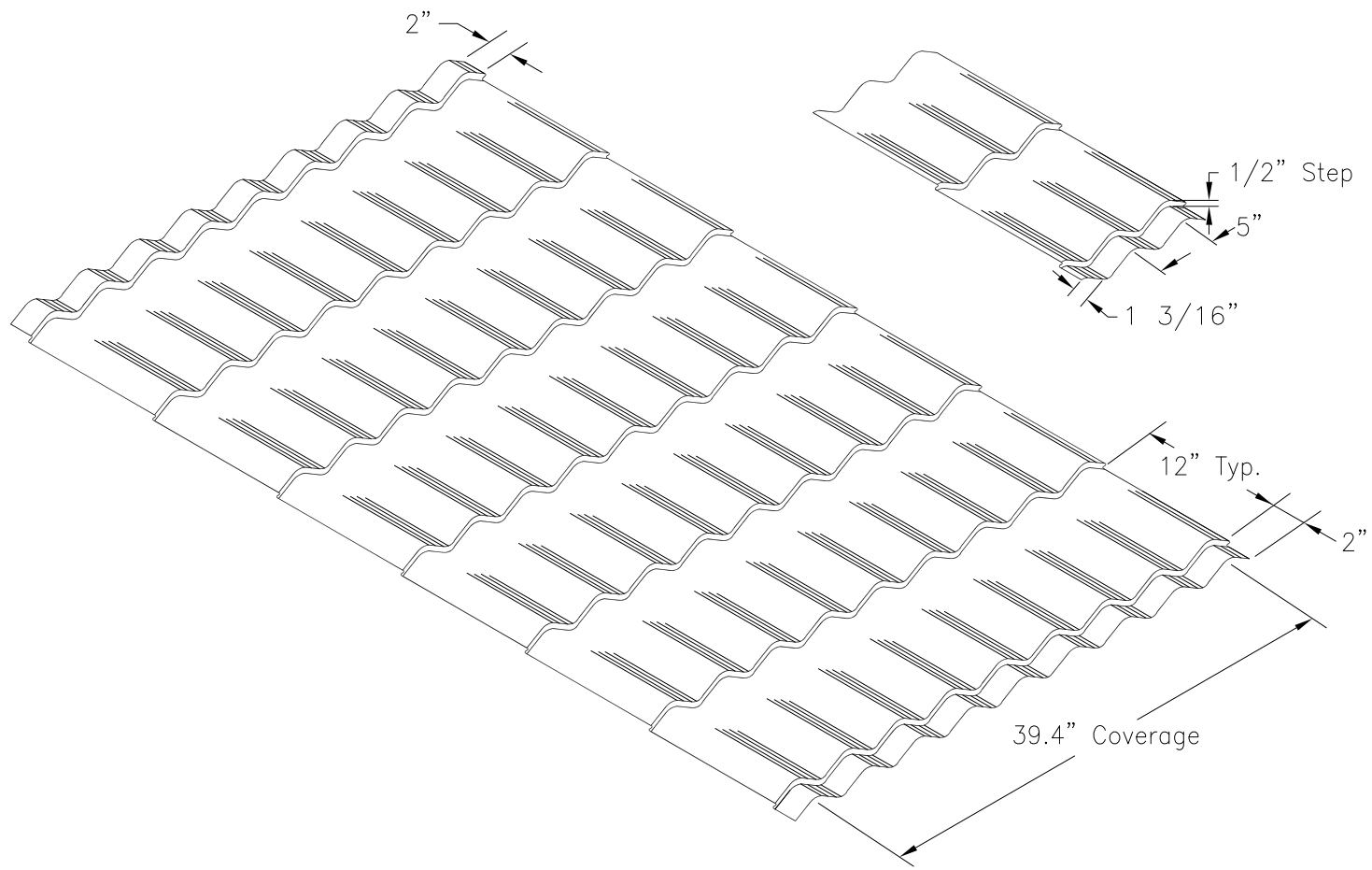
**This report consists of
Evaluation Report (3 Pages including cover)
Installation Details (2 Pages)**

**Report No. C2181-8
Date: 9.8.2017**



Manufacturer:	Metal Sales Manufacturing Corporation
Product Name:	Stile
Panel Description:	39.4" wide coverage with (9) 1-3/16" high, 5" wide and 12" long simulated tile profile
Materials:	Min. 26 ga., 40 ksi steel. Galvanized coated steel (ASTM A653) or Galvalume coated steel (ASTM A792) or painted steel (ASTM A755).
Deck Description:	Min. 15/32" thick plywood or min. 3/4" thick wood plank (min SG of 0.42) for new and existing constructions. Designed and installed as per FBC 2017.
Deck Attachment: (Minimum)	8d x 2.5" long ring shank nails or #8 x 2" long wood screws @ 6" o.c. in the field and edges. Designed as per FBC 2017.
Underlayment:	Minimum underlayment as per FBC 2017 Section 1507.4.5.1
Slope:	1/2:12 or greater in accordance with FBC 2017 Section 1507.4.2. Requires applied lap sealant for roof slopes less than 3:12.
Design Uplift Pressure: (Factor of Safety = 2)	85.8 psf @ fastener spacing of 24" o.c. 102.7 psf @ fastener spacing of 12" o.c.
Panel Attachment:	
At panel ends	1/4"-14 x 1-1/2" long ABMP fasteners @ each valley
At intermediate	1/4"-14 x 1-1/2" long ABMP fasteners @ each other valley
Sidelap Attachment:	1/8" Diameter x 3/16" long steel pop rivets @ 12" o.c.
Test Standards:	Roof assembly tested in accordance with TAS 125-03 'Standard Requirements for Metal Roofing Systems'.
Code Compliance:	The product described herein has demonstrated compliance with FBC 2017 Section 1507.4
Product Limitations:	Design wind loads shall be determined for each project in accordance with FBC 2017 Section 1609 or ASCE 7-10 using allowable stress design. The maximum fastener spacing listed herein shall not be exceeded. This evaluation report is not applicable in High Velocity Hurricane Zone. Fire classification is not within scope of this Evaluation Report. Refer to FBC 2017 Section 1505 and current approved roofing materials directory or ASTM E108/UL790 report from an accredited laboratory for fire ratings of this product.

Supporting Documents: TAS 125-03 Test Reports
Farabaugh Engineering and Testing Inc.
Project No. T270-06, Reporting Date 11/30/06



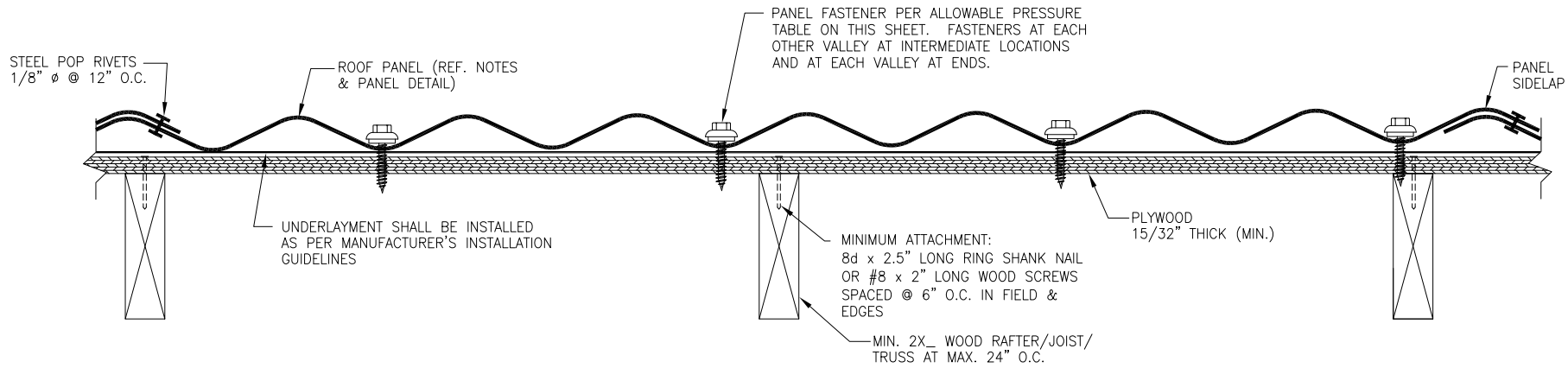
TYPICAL PANEL PROFILE

DRAWN BY: B.S.	CHECKED BY: D.S.
PLLOT:	DATE: 3/25/15

NO.	REVISION DESCRIPTION	BY	DATE

DRAWING TITLE STILE PANEL	MANUFACTURER METAL SALES MANUFACTURING CORP.
	545 SOUTH 3RD ST., SUITE 200 LOUISVILLE, KY 40202 502-855-4300
CONSULTANTS BALA SOCKALINGAM, PH.D., P.E.	1216 N LANSING AVE., SUITE C TULSA, OK 74106 PHONE: 918-492-9992 FAX: 866-366-1543

DRAWING NO. 2181-8A	REV.
PAGE NO. 1	OF 2



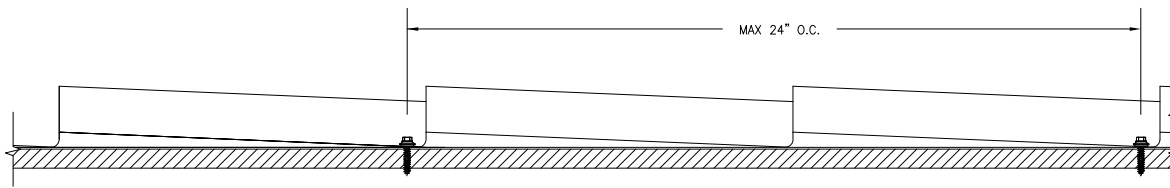
TYPICAL PANEL INSTALLATION X-SECTION

ALLOWABLE UPLIFT PRESSURE

PANEL FASTENERS SPACING ALONG LENGTH	PRESSURE (PSF)
24"	85.8
12"	102.7

GENERAL NOTES:

1. ARCHITECTURAL ROOF PANEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC).
2. ROOF PANELS ARE 40 KSI, 26 GA. (t = 0.0178"). STEEL EFFECTIVE COVERING WIDTH OF PANEL = 39.4".
3. THE ROOF PANELS SHALL BE INSTALLED OVER SHEATHING & STRUCTURE AS SPECIFIED ON THESE DRAWINGS.
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 WIND LOADS SPECIFIED ON THIS DRAWING.
5. ALL FASTENERS MUST BE IN ACCORDANCE WITH THESE DRAWINGS & THE FLORIDA BUILDING CODE. IF A DIFFERENCE OCCURS BETWEEN THE MINIMUM REQUIREMENTS OF THESE DRAWINGS & THE CODE, THE CODE SHALL CONTROL.
6. RAFTERS/JOISTS/TRUSSES MUST BE DESIGNED TO WITHSTAND WIND LOADS AS REQUIRED FOR EACH APPLICATION AND ARE THE RESPONSIBILITY OF OTHERS.



TYPICAL FASTENER SPACING

DRAWN BY: B.S.	CHECKED BY: D.S.
PLOT:	DATE: 3/25/15
NO.	REVISION DESCRIPTION
DATE	
BY	
DESCRIPTION	
DRAWING TITLE STILLE PANEL	
MANUFACTURER METAL SALES MANUFACTURING CORP. 545 SOUTH 3RD ST., SUITE 200 LOUISVILLE, KY 40202 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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