



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

## NOTICE OF ACCEPTANCE (NOA)

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

American Buildings Company  
200 Whetstone Road  
Swansea, SC 29160

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION:** 24 GA. (0.023" min.) Long Span III (L3P) Steel Structural Roof Panel

**APPROVAL DOCUMENT:** Drawing No. MD-L3P24, titled "Long Span III Roof Panel", sheets 1 through 7 of 7, prepared by American Buildings Company, last revision #3 dated March 10, 2021, signed and sealed by Jeffrey C. Walsh, P.E. on March 29, 2021, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** Large and Small Missile Impact

**LABELING:** Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #20-1026.02 and consists of this page 1, evidence submitted pages E-1, E-2 & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



*Helmy A. Makar*  
07/01/2021

NOA No. 21-0405.13  
Expiration Date: 05/22/2024  
Approval Date: 07/01/2021

**American Buildings Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #13-1205.04**

**A. DRAWINGS**

1. *Drawing No. MD-L3P24, titled "Long Span III Roof Panel", sheets 1 through 7 of 7, prepared by American Buildings Company, last revision #1 dated April 25, 2014, signed and sealed by Jeffrey C. Walsh, P.E. on April 25, 2014.*

**B. TESTS**

1. *Test report on Large Missile Impact Test Per TAS 201, on L3P Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T288-13, dated November 01, 2013, signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Test report on TAS 125-03 (ASTM E 1592) Positive Load Test on L3P Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T284-13, dated November 01, 2013, signed and sealed by Daniel G. Farabaugh, P.E.*
3. *Test report on TAS 125-03 (ASTM E 1592) Negative Load Test on L3P Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T283-13, dated November 01, 2013, signed and sealed by Daniel G. Farabaugh, P.E.*
4. *Test report on TAS 100-95 on L3P Structural Metal Roofing System, Wind Driven Test, prepared by Farabaugh Engineering and Testing, Inc., Report No. T286-13, dated November 01, 2013, signed and sealed by Daniel G. Farabaugh, P.E.*
5. *Susceptibility to leakage test in accordance with FM 4471, Appendix G, prepared by Farabaugh Engineering and Testing, Inc., Report No. T287-13, dated November 04, 2013, signed and sealed by Daniel G. Farabaugh, P.E.*

**C. CALCULATIONS**

1. *Calculations titled "Longspan III, 24 Ga., Structural Metal Roof Panels, 11 pages, prepared by Jeff Walsh, P.E., signed and sealed by Jeff Walsh, P.E. on 11/26/13.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

**E. MATERIAL CERTIFICATIONS**

1. *Tensile Test on specimen #0073-13 of Test Report No. T283-13 & T284-13, prepared by Farabaugh Engineering and Testing, Inc., dated November 01, 2013, signed and sealed by Daniel G. Farabaugh, P.E.*



**Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor**

**NOA No. 21-0405.13**

**Expiration Date: 05/22/2024**

**Approval Date: 07/01/2021**



**American Buildings Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- 2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #18-1226.09**
- A. DRAWINGS**
1. *None.*
- B. TESTS**
1. *None.*
- C. CALCULATIONS**
1. *None.*
- D. QUALITY ASSURANCE**
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*
- E. MATERIAL CERTIFICATIONS**
1. *None.*
- F. STATEMENTS**
1. *Florida Building Code, 2017 Edition, compliance letter issued by American Buildings, signed and sealed by Jeff Walsh, P.E., on December 12, 2018.*
- 3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #20-1026.02**
- A. DRAWINGS**
1. *Drawing No. MD-L3P24, titled "Classic Roof Panel", sheets 1 through 7 of 7, prepared by American Buildings Company, last revision #2 dated September 30, 2020, signed and sealed by Jeffrey C. Walsh, P.E. on October 16, 2020.*
- B. TESTS**
1. *None.*
- C. CALCULATIONS**
1. *None.*
- D. QUALITY ASSURANCE**
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*
- E. MATERIAL CERTIFICATIONS**
1. *None.*
- F. STATEMENTS**
1. *Florida Building Code, 2020 Edition, compliance letter issued by American Buildings Company, signed and sealed by Jeff Walsh, P.E., on December 09, 2020.*



Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 21-0405.13  
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**American Buildings Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. NEW EVIDENCE SUBMITTED 9**

**A. DRAWINGS**

1. *Drawing No. MD-L3P24, titled "Long Span III Roof Panel", sheets 1 through 7 of 7, prepared by American Buildings Company, last revision #3 dated March 10, 2021, signed and sealed by Jeffrey C. Walsh, P.E. on March 29, 2021.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

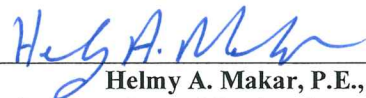
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

**E. MATERIAL CERTIFICATIONS**

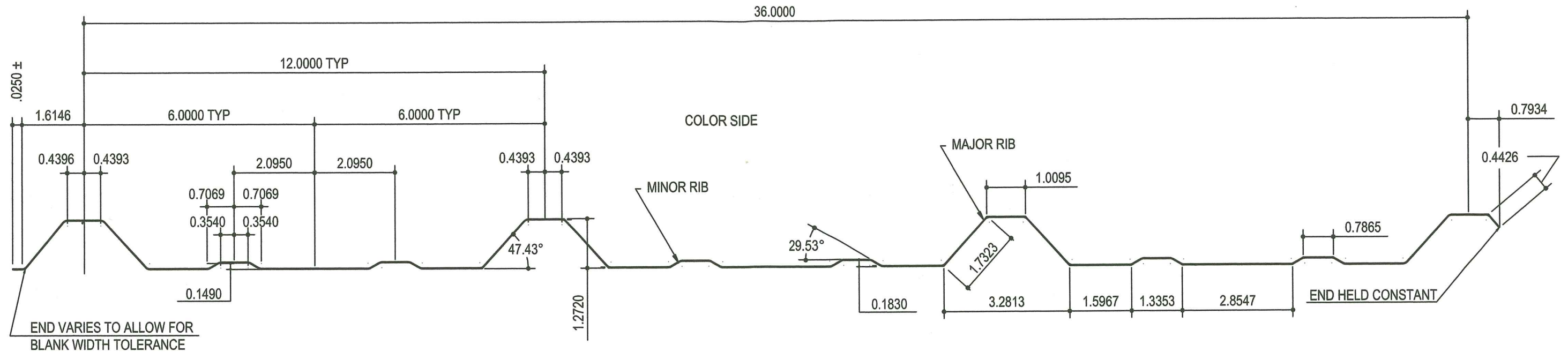
1. *None.*

**F. STATEMENTS**

1. *Florida Building Code, 2020 Edition, compliance letter issued by American Buildings Company, signed and sealed by Jeff Walsh, P.E., on December 09, 2020.*



Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 21-0405.13  
Expiration Date: 05/22/2024  
Approval Date: 07/01/2021



## LONG SPAN III ROOF PANEL

### DESIGN NOTES:

1. THIS ROOF PANEL IS APPROVED FOR SPANS UP TO 5'-0" MAXIMUM.
2. DEFLECTION SHALL BE LIMITED TO L/240.
3. THIS ROOF PANEL IS APPROVED FOR GRAVITY (POSITIVE) PRESSURE OF 78.1 PSF.
4. THIS ROOF PANEL IS APPROVED FOR UPLIFT (NEGATIVE) PRESSURES AS SHOWN IN THE TABLE BELOW.

PANEL SPAN	MAXIMUM UPLIFT PRESSURE (PSF)
5'-0"	64.3
4'-9"	67.7
4'-6"	71.5
4'-3"	75.7
4'-0"	80.4
3'-9"	85.7
3'-6"	91.9
3'-3"	98.9
3'-0"	107.2
2'-9"	116.9
2'-6"	128.6
2'-3"	141.7
2'-0"	148.8

*Jeffrey C. Walsh*  
3/21/21

### GENERAL NOTES

1. ALL DIMENSIONS ARE  $\pm 1/32"$  (U.N.) EXCEPT TOLERANCE DIMENSIONS.
2. ALL ANGLES  $\pm 2^\circ$  (U.N.)
3. COIL WIDTH = 42.75".
4. MATERIAL = 24 GA. (.023" MIN.), MINIMUM YIELD 98.7 KSI.
5. MINIMUM ALLOWABLE ROOF SLOPE = 1/2 ON 12.

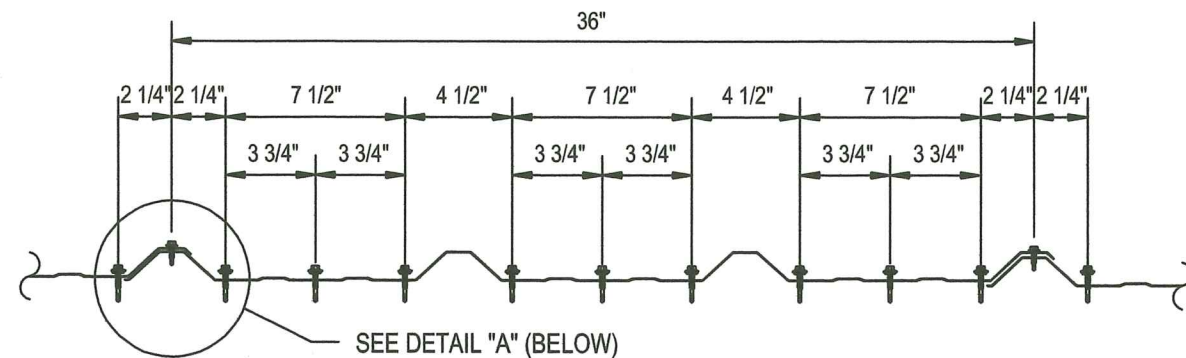
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	2	Revised Manufacturing Location & General Revision	EGB	JCW	9-30-20			
	3	Revised Panel Name	EGB	JCW	3-10-21			
ENGINEER'S STATE REGISTRATION NO.:								
41467								

MIAMI-DADE  
LONG SPAN III  
ROOF PANEL  
CROSS SECTION

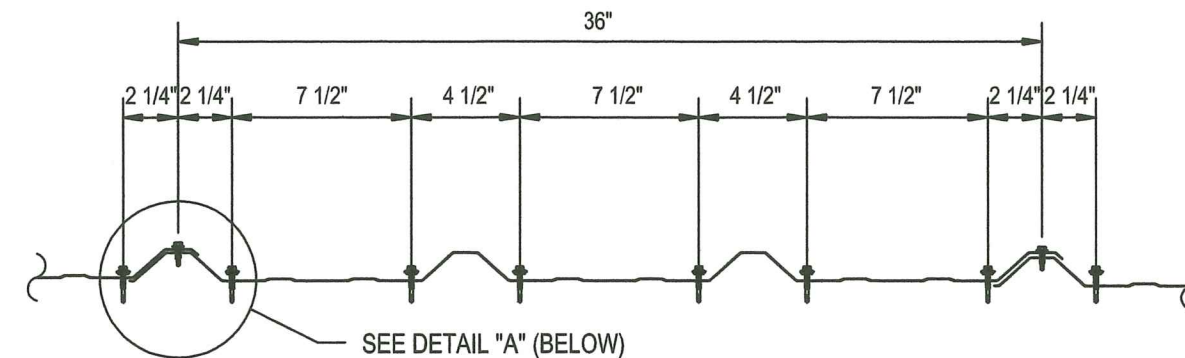
SWANSEA		SOUTH CAROLINA
AMERICAN BUILDINGS		
DRAWING NUMBER:	MD-L3P24	PAGE 1 of 7

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 21-0405.13  
Expiration Date 05/22/2024  
By *Jeff A. Walsh*  
Miami Dade Product Control

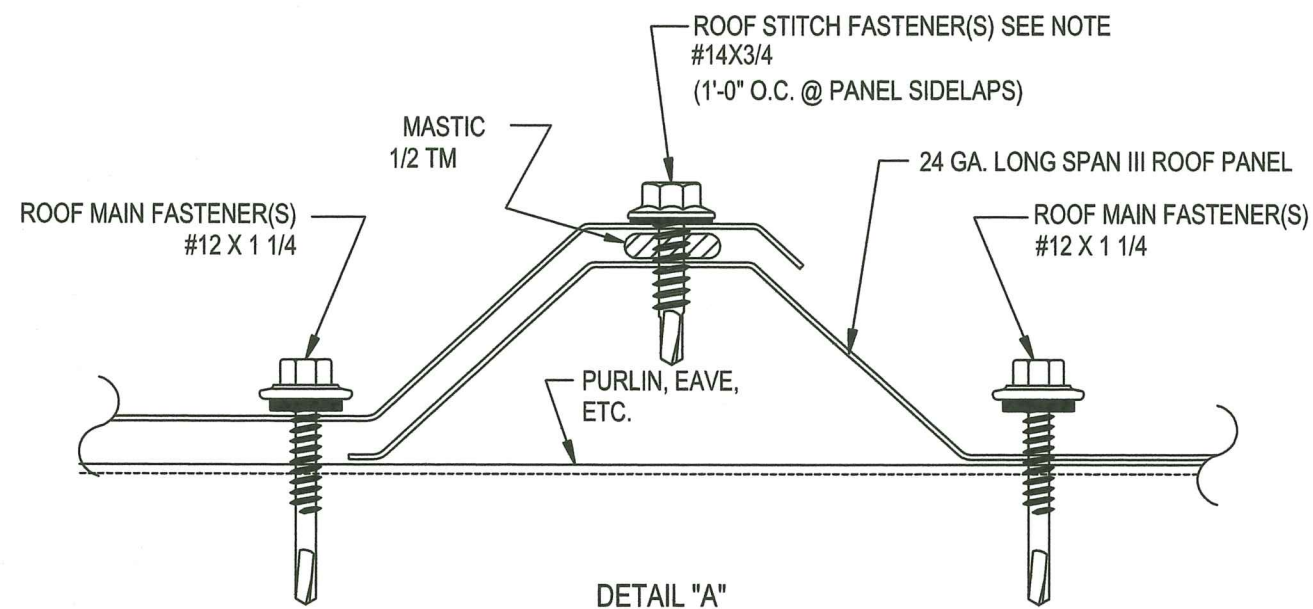




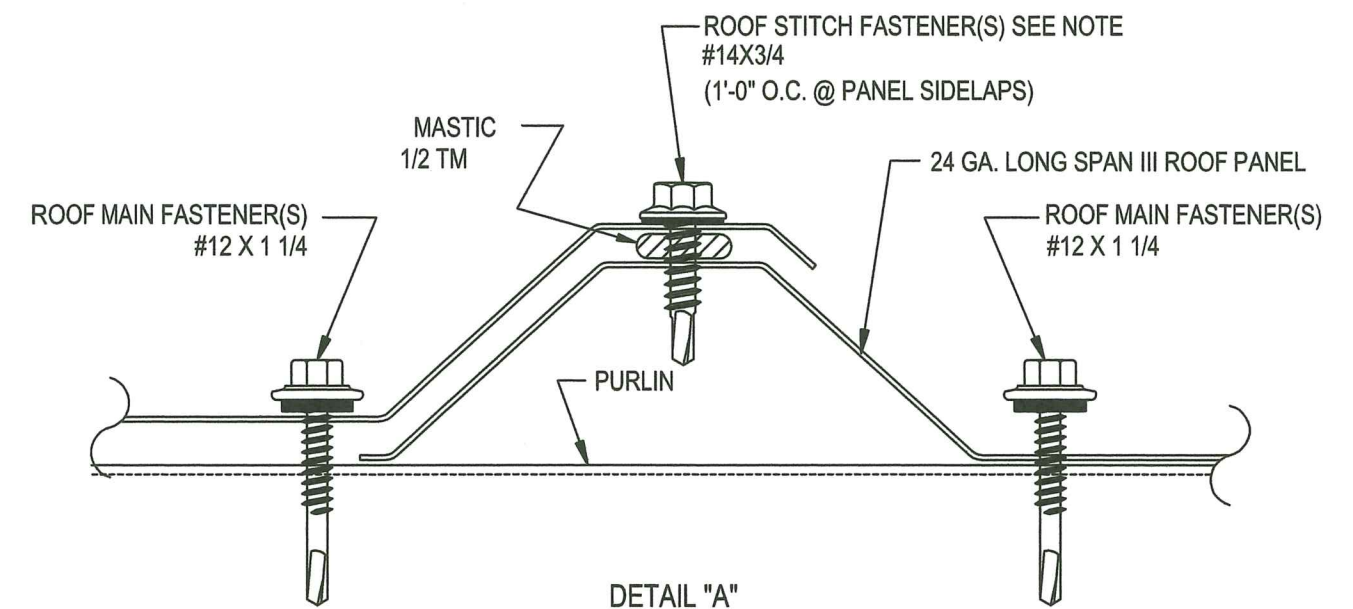
FASTENER LAYOUT AT EAVE, ENDLAPS AND RIDGE



FASTENER LAYOUT AT INTERMEDIATE PURLINS



DETAIL "A"



DETAIL "A"

## FASTENER LAYOUT

LONG SPAN III ROOF PANEL - MIAMI-DADE COUNTY NOA 13-1205.04 REQUIREMENT

RC01  
BA-MD

*Jeffrey C. Walsh*  
3/29/21

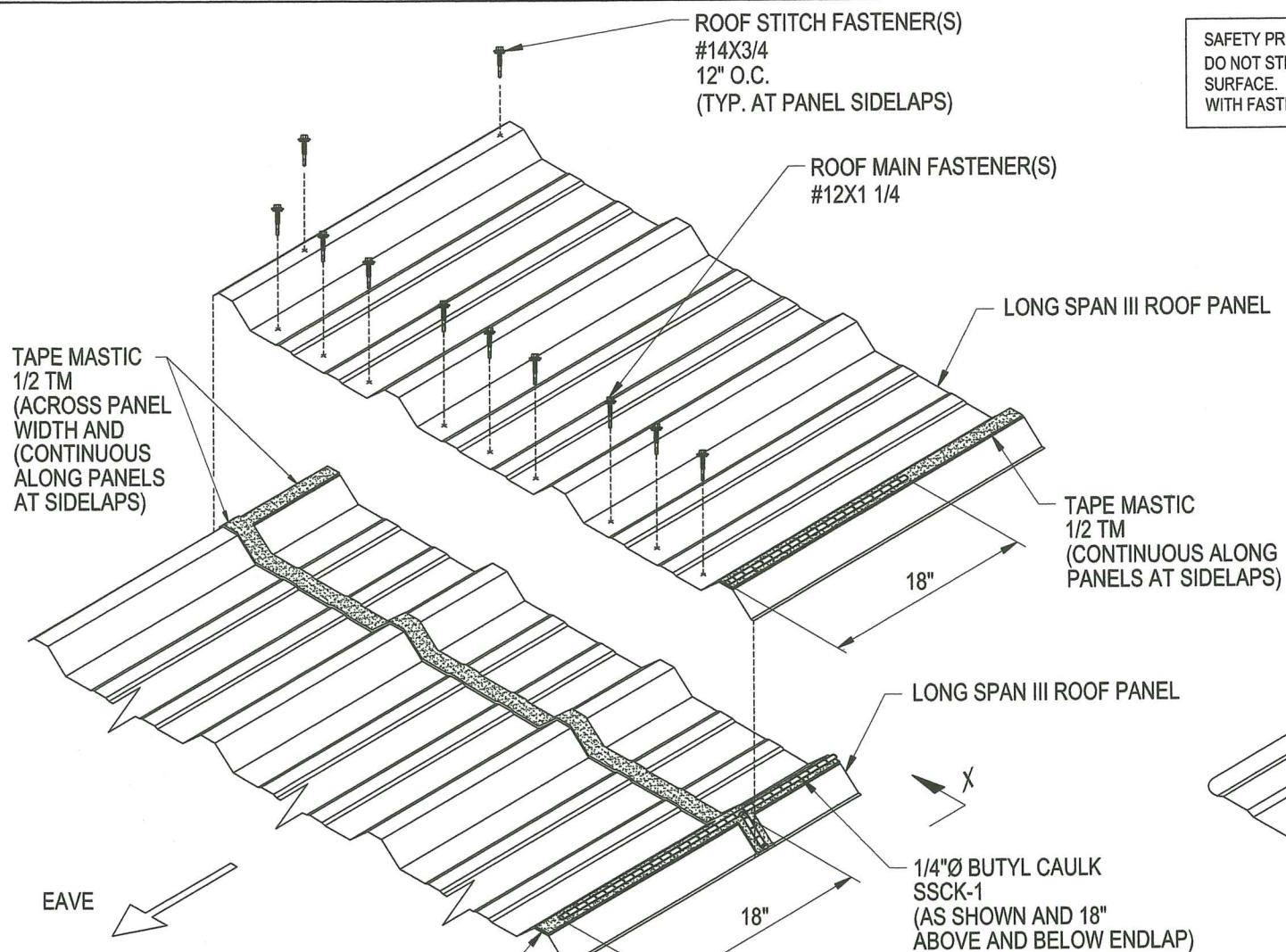
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	2	Revised Manufacturing Location & General Revision	EGB	JCW	9-30-20			
	3	Revised Panel Name	EGB	JCW	3-10-21			
ENGINEER'S STATE REGISTRATION NO.:								
41467								

MIAMI-DADE  
LONG SPAN III  
ROOF PANEL  
SECTION AT PANEL SIDELAP

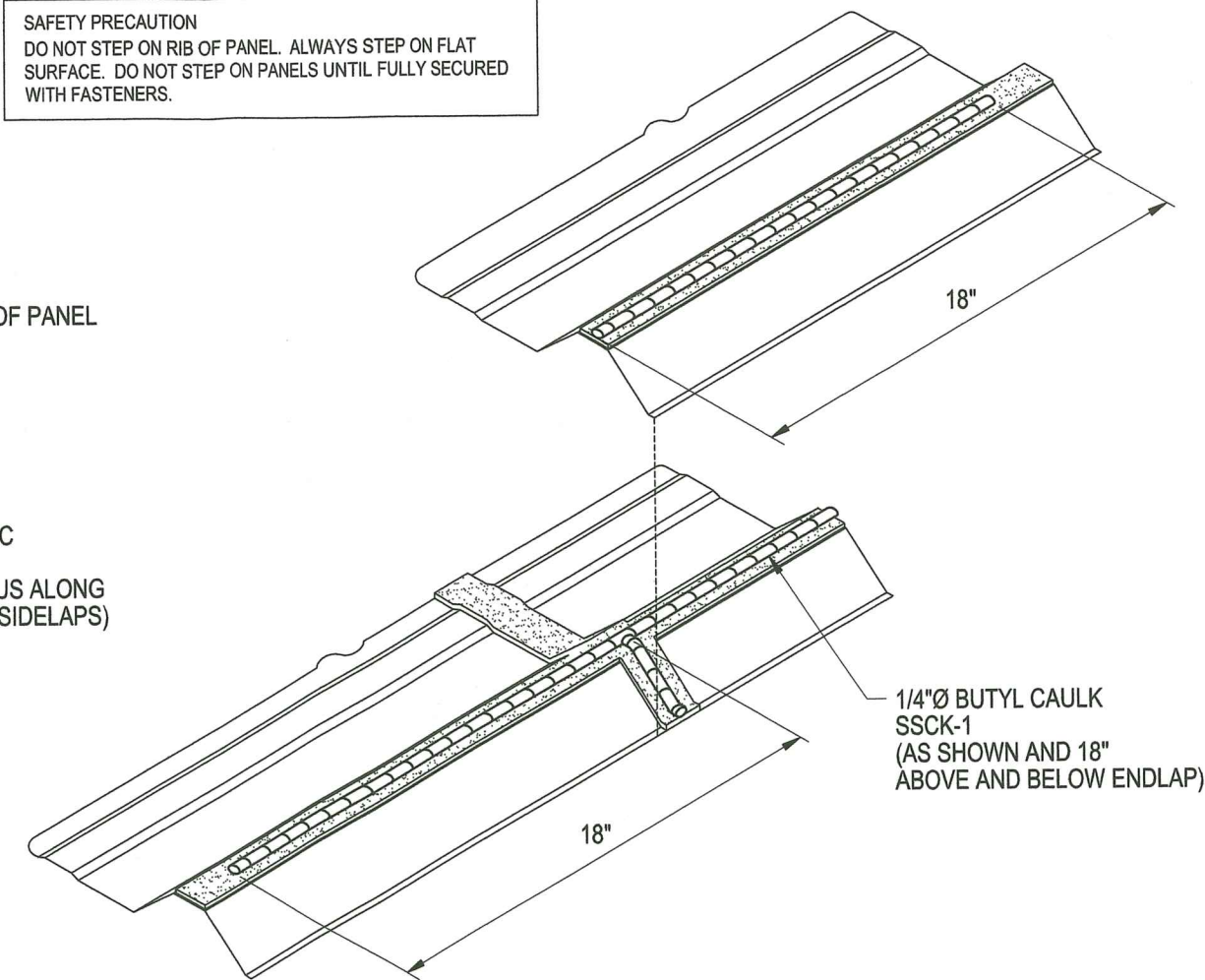
SWANSEA		SOUTH CAROLINA
AMERICAN BUILDINGS CAROLINA		
DRAWING NUMBER	MD-L3P24	PAGE 2 of 7

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Building Code  
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By *Heidi A. Miller*  
Miami Dade Product Control





SAFETY PRECAUTION  
DO NOT STEP ON RIB OF PANEL. ALWAYS STEP ON FLAT SURFACE. DO NOT STEP ON PANELS UNTIL FULLY SECURED WITH FASTENERS.

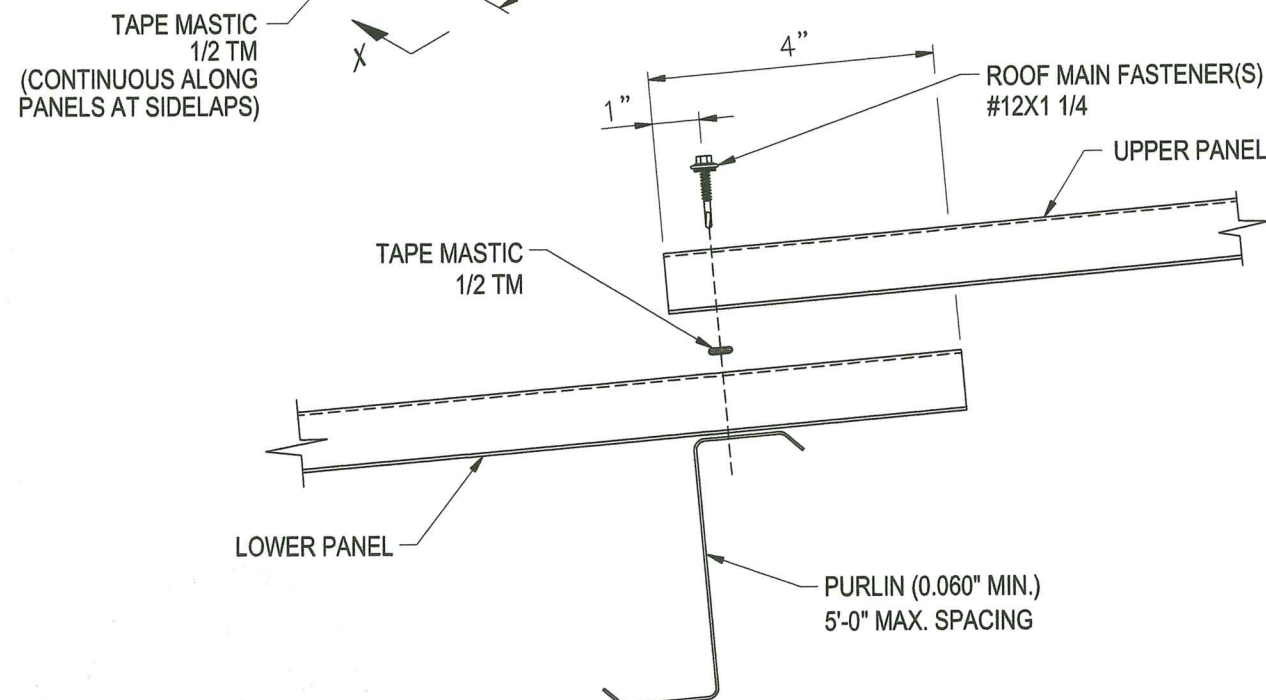


ALL AREAS ON ALUMINUM COATED PANELS THAT REQUIRE MASTIC SHOULD BE WIPED CLEAN WITH A MILD ALL PURPOSE DETERGENT CLEANER BEFORE MASTIC APPLICATION.

INSTALL A CONTINUOUS RUN OF MASTIC ALONG THE LENGTH OF THE PANELS WHERE ALL SIDELAPS OCCUR AS SHOWN IN THE DETAIL AT LEFT. SECURE THE ENDLAPS WITH #12X1 1/4 ROOF FASTENERS AND THE PANEL SIDELAPS WITH #14 STITCH ROOF FASTENERS.

PANEL LAP DETAIL  
LONG SPAN III ROOF PANEL

RC07  
BA-MD



SECTION X-X

*Jeffrey C. Walsh*  
3/29/21

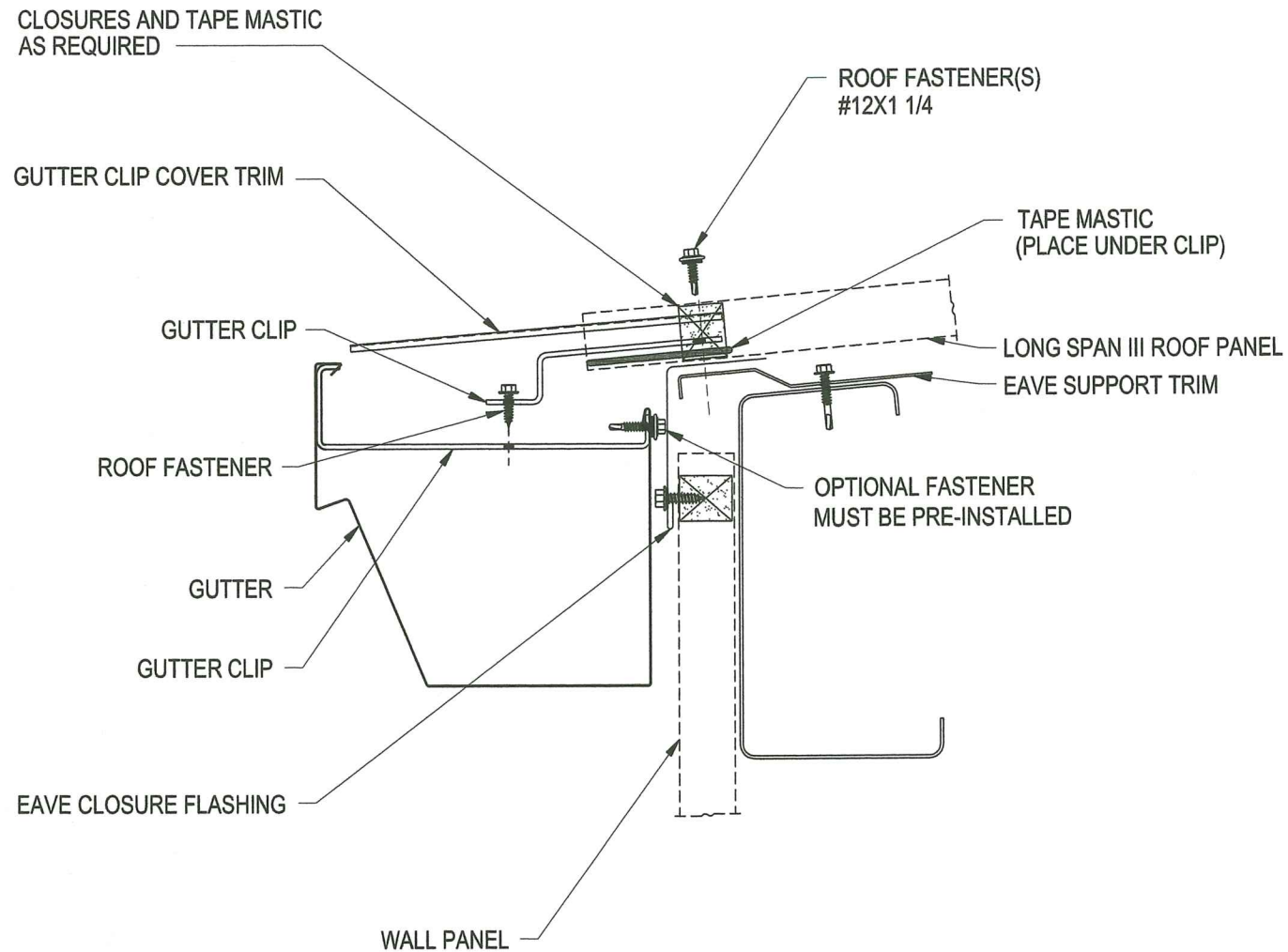
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	3	Revised Panel Name	EGB	JCW	3-10-21			
ENGINEER'S STATE REGISTRATION NO.:								
41467								

MIAMI-DADE  
LONG SPAN III  
ROOF PANEL  
SECTION AT PANEL ENDLAP

SWANSEA		SOUTH	
AMERICAN BUILDINGS		CAROLINA	
DRAWING NUMBER		PAGE	
MD-L3P24		3 of 7	

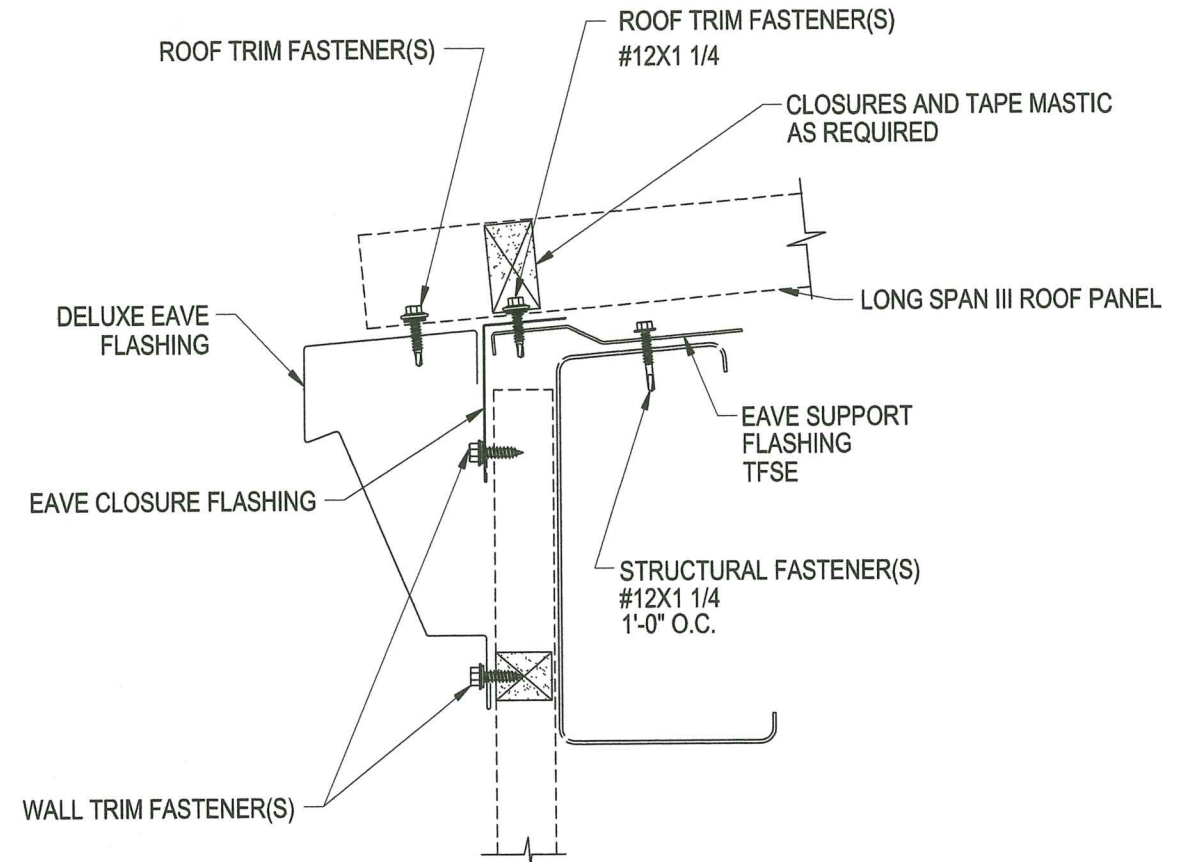
PRODUCT REVISED  
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Expiration Date 05/22/2024  
By *Heidi A. Mohr*  
Miami Dade Product Control





STANDARD GUTTER DETAIL WITH GUTTER CLIP ATTACHMENT

EA01  
AA-MD



DELUXE EAVE FLASHING INSTALLATION

EA03  
AA-MD

*Jeffrey C. Walsh*  
3/29/21

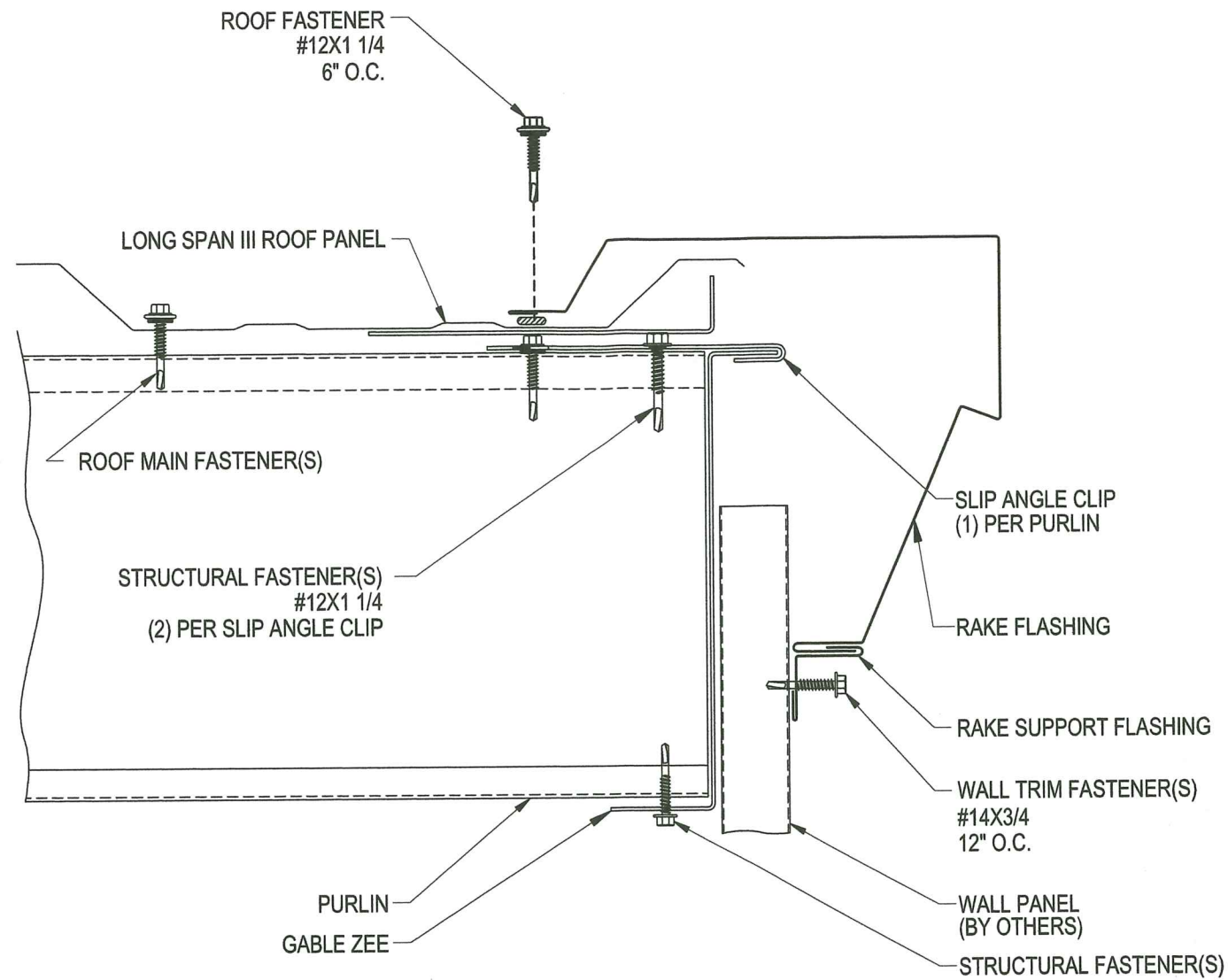
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	3	Revised Panel Name	EGB	JCW	3-10-21			
ENGINEER'S STATE REGISTRATION NO.:								
41467								

MIAMI-DADE  
LONG SPAN III  
ROOF PANEL  
SECTION AT EAVE

SWANSEA		SOUTH	
AMERICAN BUILDINGS		CAROLINA	
A NUCOR COMPANY			
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By *H. A. Miller*  
Miami Dade Product Control





**RAKE DETAIL**  
LONG SPAN III ROOF PANEL

RA02  
BA-MD

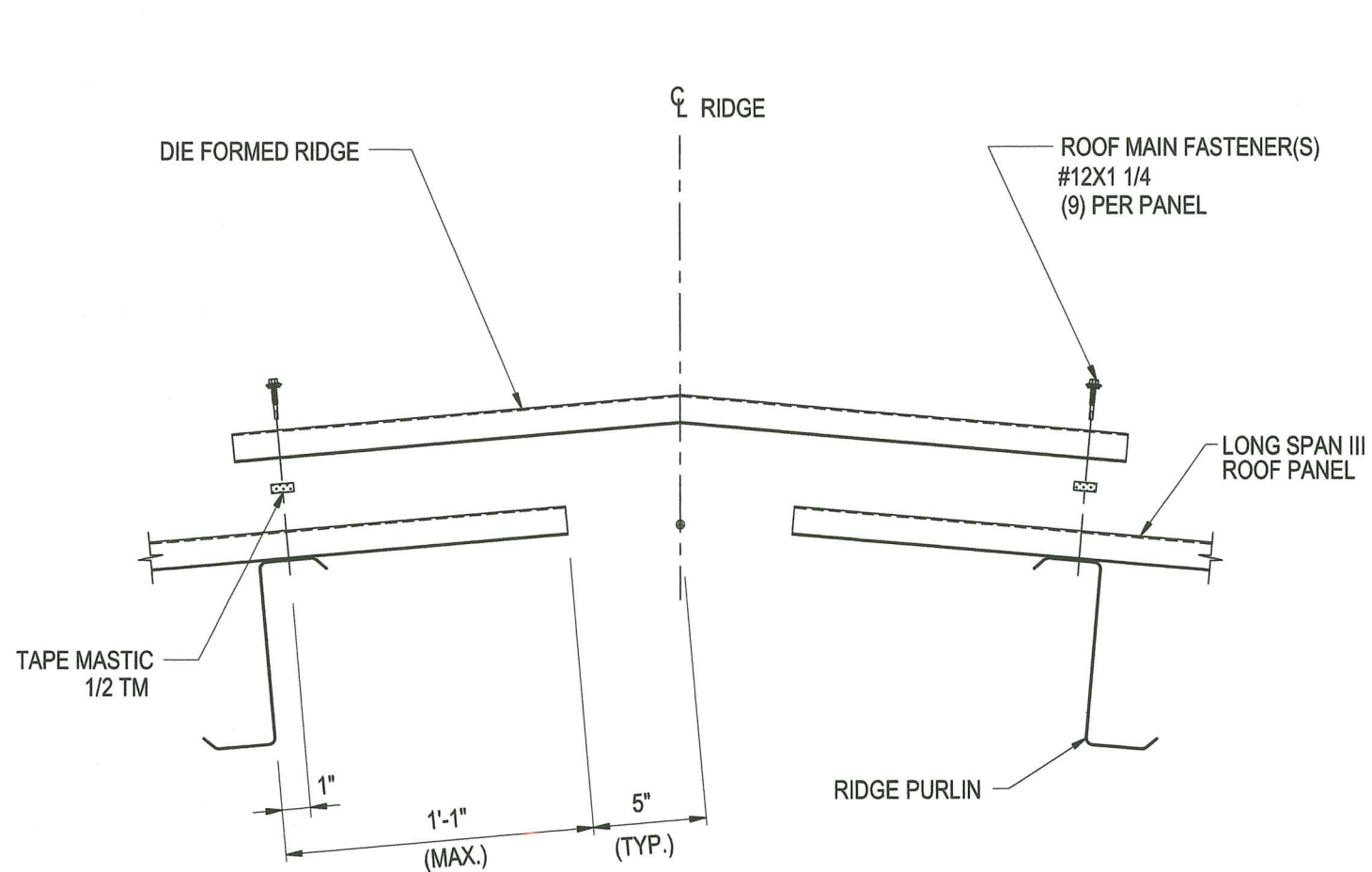
*Jeffrey C. Walsh*  
3/29/21

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	2	Revised Manufacturing Location & General Revision	EGB	JCW	9-30-20			
	3	Revised Panel Name	EGB	JCW	3-10-21			
ENGINEER'S STATE REGISTRATION NO.:								
41467								

MIAMI-DADE  
LONG SPAN III  
ROOF PANEL  
SECTION AT RAKE

SWANSEA		SOUTH	
		AMERICAN BUILDINGS CAROLINA	
		A NUCOR COMPANY	
DRAWING NUMBER:	MD-L3P24	PAGE	5 of 7

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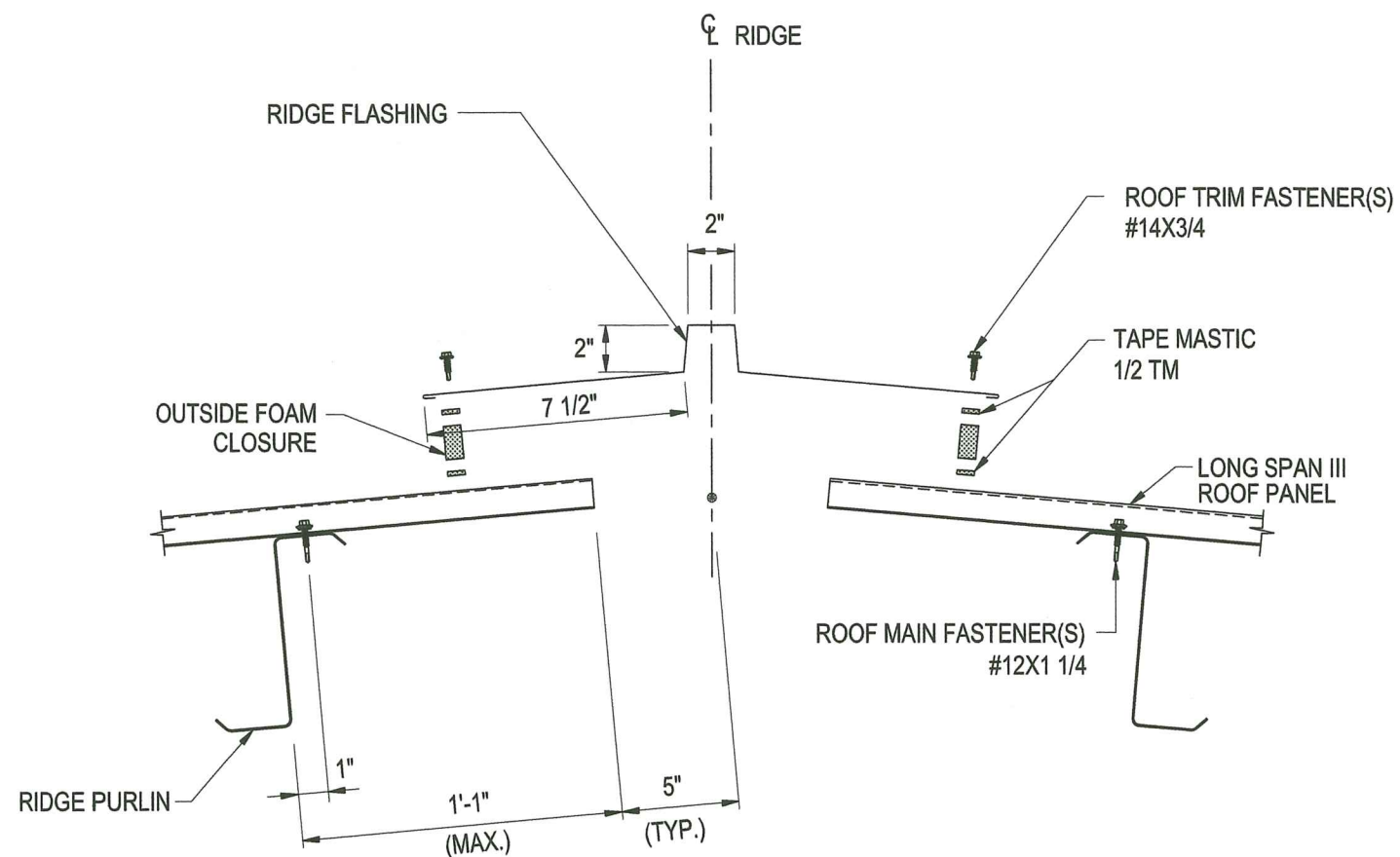


# RIDGE DETAIL

LONG SPAN III ROOF W/DIE FORMED RIDGE

RC31

BA-MD



# RIDGE DETAIL

LONG SPAN III ROOF W/RIDGE FLASHING

RC32

BA-MD

*Jeffrey C. Walsh*  
3/29/21

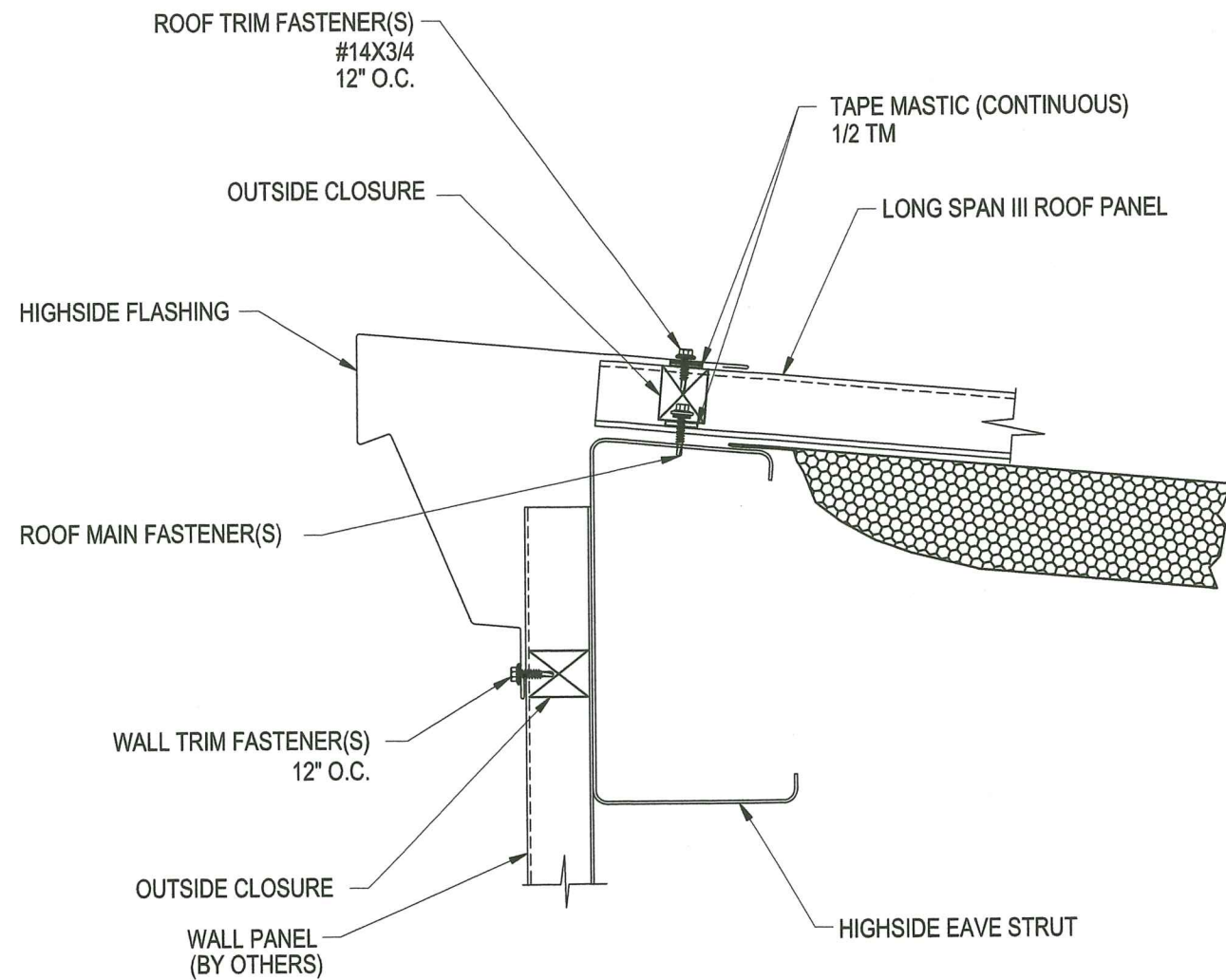
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	3	Revised Panel Name	EGB	JCW	3-10-21			
ENGINEER'S STATE REGISTRATION NO.:								
41467								

MIAMI-DADE  
LONG SPAN III  
ROOF PANEL  
SECTION AT RIDGE

SWANSEA		SOUTH CAROLINA
AMERICAN BUILDINGS		
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By *H. A. Miller*  
Miami Dade Product Control





**HIGHSIDE EAVE FLASHING ATTACHMENT**  
LONG SPAN III ROOF PANEL

EA05  
BB-MD

*Handwritten signature and date:*  
3/29/21

ENGINEER'S NAME:		REVISIONS			MADE	CK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH		1	Revise for Final Submittal		CAH	JCW	4-25-14	DRAWN BY: THG	11-22-13	CHK'D BY: JCW
		2	Revised Manufacturing Location & General Revision		EGB	JCW	9-30-20			
		3	Revised Panel Name		EGB	JCW	3-10-21			
ENGINEER'S STATE REGISTRATION NO.:										
41467										

MIAMI-DADE  
LONG SPAN III  
ROOF PANEL  
SECTION AT HIGH SIDE EAVE

SWANSEA	 AMERICAN BUILDINGS CAROLINA <small>A HUEBNER COMPANY</small>	SOUTH CAROLINA
DRAWING NUMBER	MD-L3P24	PAGE 7 of 7

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By *Handwritten signature*  
Miami Dade Product Control