



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
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  
[www.miamidade.gov/building](http://www.miamidade.gov/building)

**NOTICE OF ACCEPTANCE (NOA)**

**American Building Company**  
1150 State Docks Road  
Eufaula, Alabama 36027

**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 PERA-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 Division (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. PERA 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: 0.0213" (min.) SS-360 Structural Metal Roof Panel**

**APPROVAL DOCUMENT:** Drawing No. MD-S3P24, titled " Standing Seam 360 Roof Panel ", sheets 1 through 9 of 9, prepared by Jeff C. Walsh, P.E., on April 22, 2011, signed and sealed by Jeff C. Walsh, P.E., on October 14, 2011, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Section.

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

**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 consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
10/27/2011

NOA No. 11-0502.09  
Expiration Date: 10/27/2016  
Approval Date: 10/27/2011  
Page 1

**American Building Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. MD-S3P24, titled "Standing Seam 360 Roof Panel", sheets 1 through 9 of 9, prepared by Jeff C. Walsh, P.E., on April 22, 2011, signed and sealed by Jeff C. Walsh, P.E., on October 14, 2011.*

**B. TESTS**

1. *Test report on Large Missile Impact on Standing Seam 360 Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T387-10, dated December 06, 2010, signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Test report on Accelerated Weathering Testing of Coating 2000 hours per ASTM G26-96, prepared by Construction Materials Technologies, Report # ABC-004-02-02, dated March 31, 2011, signed and sealed by Duc T. Nguyen, P.E.*
3. *Test report on Salt Spray Testing of Coating 1000 hours per ASTM B117-95, prepared by Construction Materials Technologies, Report No. ABC-004-02-01, dated March 31, 2011, signed and sealed by Duc T. Nguyen, P.E.*
4. *Susceptibility to leakage test in accordance with Miami-Dade County Protocol PA 114 Appendix G, prepared by Farabaugh Engineering and Testing, Inc., Report No. T400-10, dated 12/29/10, signed & sealed by Daniel G. Farabaugh, P.E.*
5. *Test report on Negative Pressure per TAS 125-03 (ASTM E 1592) on Standing Seam 360 Roof Panel prepared by Farabaugh Engineering and Testing, Inc., Report No. T378-10, dated December 20, 2010, signed & sealed by Daniel G. Farabaugh, P.E.*
6. *Test report on Positive Pressure per TAS 125-03 (ASTM E 1592) on Standing Seam 360 Roof Panel prepared by Farabaugh Engineering and Testing, Inc., Report No. T382-10, dated December 10, 2010, signed & sealed by Daniel G. Farabaugh, P.E.*
7. *Wind Driven Rain Test per PA-100 on Standing Seam 360 Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T120-11, dated January 27, 2011, signed and sealed by Daniel G. Farabaugh, P.E.*

**C. CALCULATIONS**

1. *Calculations titled "Standing Seam 360 Roof Panel", 7 pages, dated April 26, 2011, prepared by Jeff Walsh, P.E., signed and sealed by Jeff Walsh, P.E.*

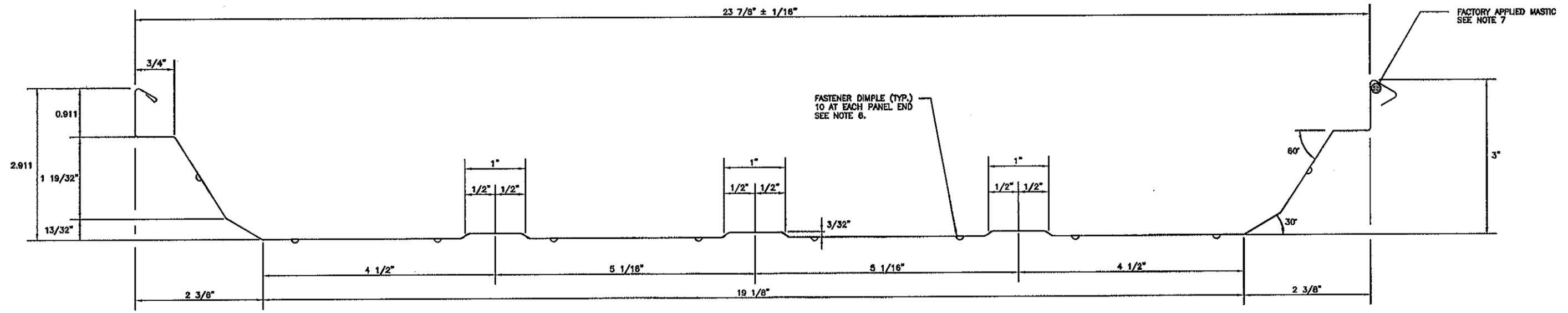
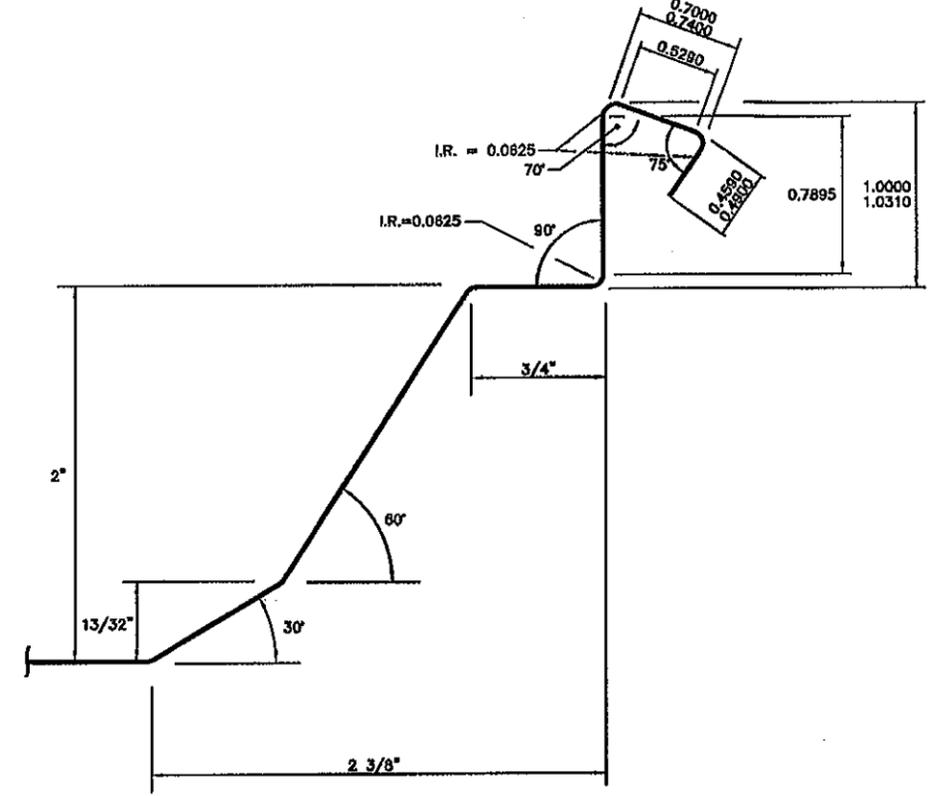
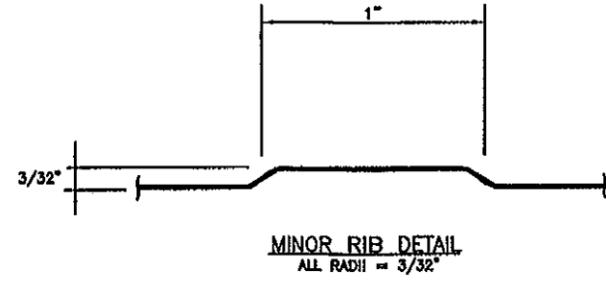
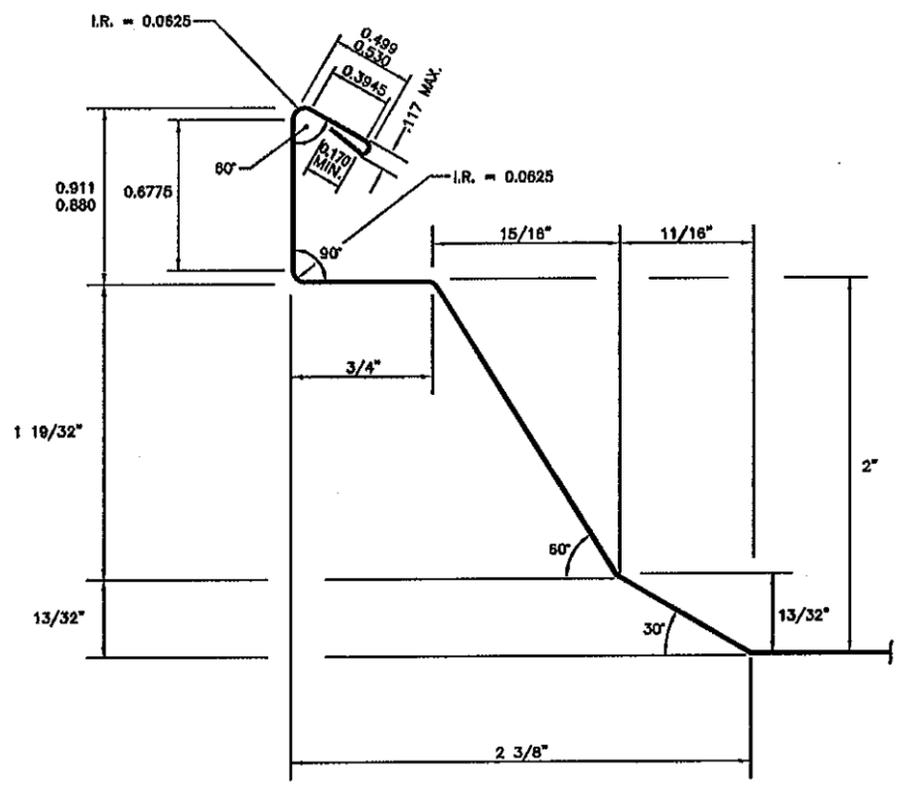
**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).*

**E. MATERIAL CERTIFICATIONS**

1. *Tensile Test on specimen of Test No. T382-10, prepared by West Penn Testing Group, dated December 02, 2010.*
2. *Tensile Test on specimen of Test No. T378-10, prepared by West Penn Testing Group, dated December 02, 2010.*

  
Helmy A. Makar, P.E., M.S.  
PERA, Product Control Unit Supervisor  
NOA No. 11-0502.09  
Expiration Date: 10/27/2016  
Approval Date: 10/27/2011



- DESIGN NOTES:**
1. THIS ROOF PANEL IS APPROVED FOR SPANS UP TO 5'-0" MAXIMUM.
  2. MAXIMUM ALLOWABLE UPLIFT LOAD ON THE CLIP = 435.1 LBS./CLIP
  3. UPLIFT DEFLECTION SHALL BE BASED ON EI VALUE = 479,011 LBS.-IN<sup>2</sup>. DEFLECTION SHALL BE LIMITED TO L/240.
  4. THIS ROOF PANEL IS APPROVED FOR GRAVITY (POSITIVE) PRESSURE OF 59.9 PSF.
  5. THIS ROOF PANEL IS APPROVED FOR UPLIFT (NEGATIVE) PRESSURES AS SHOWN IN THE TABLE BELOW. FOR PANEL SPANS BETWEEN 1'-0" AND 5'-0" THE MAXIMUM UPLIFT PRESSURE CAN BE DETERMINED BY INTERPOLATION.

MAXIMUM PANEL SPAN	MAXIMUM UPLIFT PRESSURE (PSF)
5'-0"	16.1
4'-0"	31.4
3'-0"	65.9
2'-0"	98.9
1'-0"	155.3

- GENERAL NOTES:**
1. ALL DIMENSIONS ARE ±1/32" (U.N.) EXCEPT TOLERANCE DIMENSIONS.
  2. ALL ANGLES ± 2° (U.N.)
  3. COIL WIDTH = 29 3/8"
  4. PANEL LENGTHS = SEE MFG. SECTION OF MASTER PARTS LISTING.
  5. MATERIAL = 24 GA. (0.0213" MIN.) MINIMUM YIELD 50 KSI
  6. DIMPLES SHALL BE LOCATED 3/4" FROM BOTH PANEL ENDS. SEE SHEET S3L/R IN MFG. SECTION.
  7. MASTIC SHALL BEGIN AND END A MAXIMUM OF 2" FROM BOTH PANEL ENDS, 3/16" MIN., 1/4" MAX.
  8. ALTERNATE MATERIAL = 22 GAGE (50 KSI MINIMUM YIELD).
  9. MINIMUM ALLOWABLE ROOF SLOPE = 1/4 ON 12

*Handwritten signature and date:*  
 10/14/2011

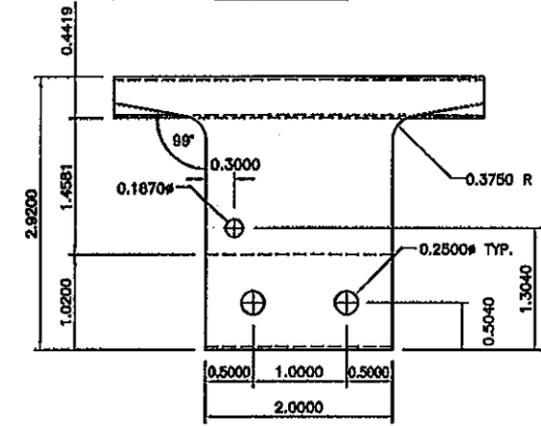
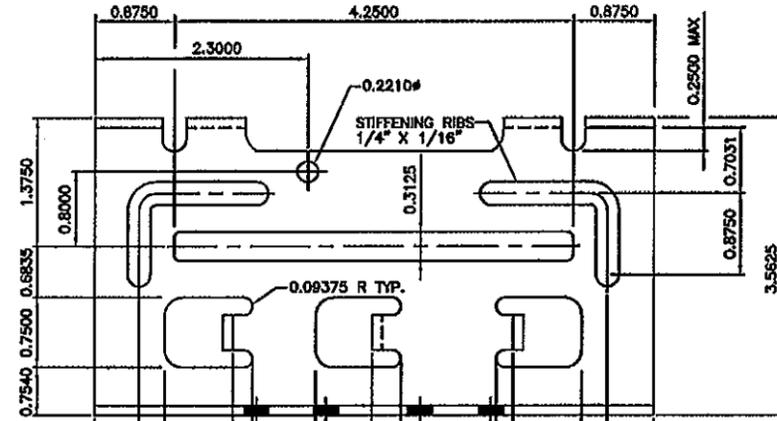
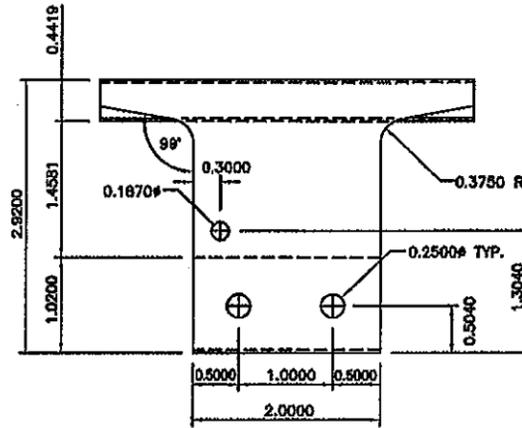
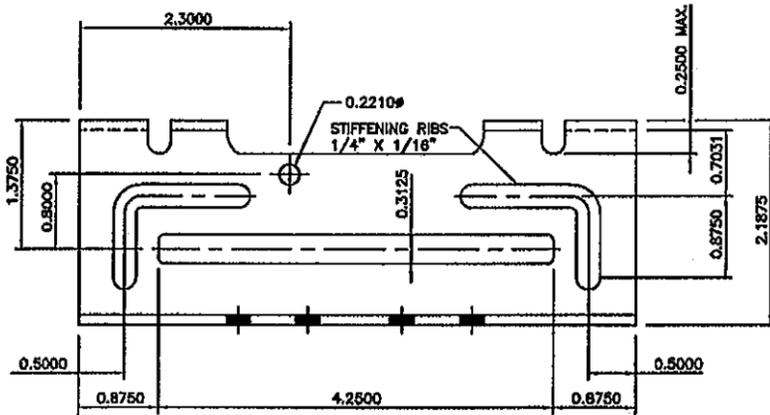
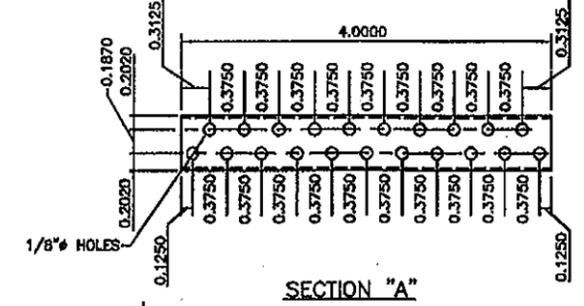
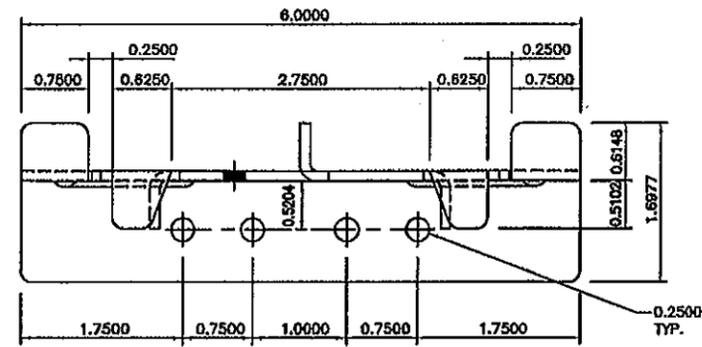
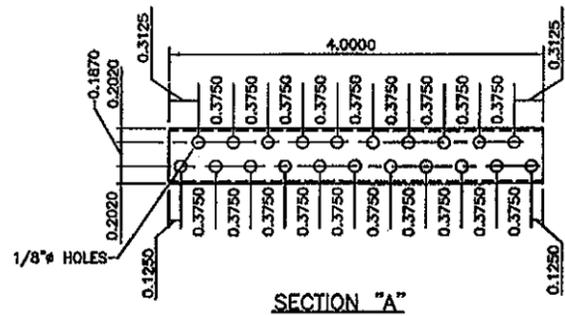
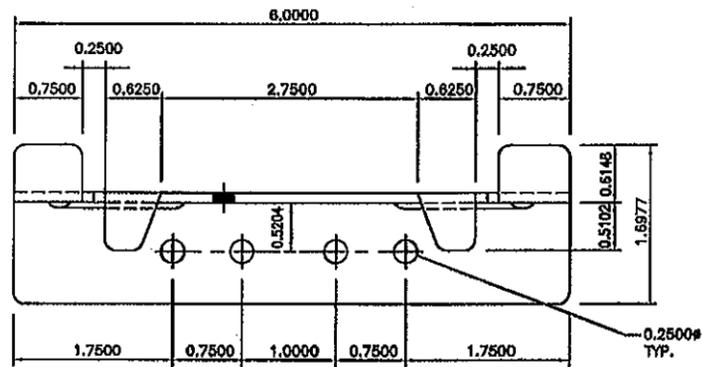
ENGINEER'S NAME	NO.	REVISIONS	MADE	CK'D	DATE	SCALE	DATE
JEFFREY C. WALSH						NONE	4-22-11
ENGINEER'S STATE REGISTRATION NO.:							
41467							

STANDING SEAM 360 ROOF PANEL  
 CROSS SECTION

EUFALA ALABAMA  
 AMERICAN BUILDINGS  
 A LAMCOOR COMPANY

DRAWING NUMBER: MD-S3P24  
 PAGE 1 of 9

Approved as complying with the Florida Building Code  
 Date 10/27/2011  
 NOA# 11-0502.09  
 Miami Dade Product Control  
 By *Handwritten signature*



PART "A"

PART "B"

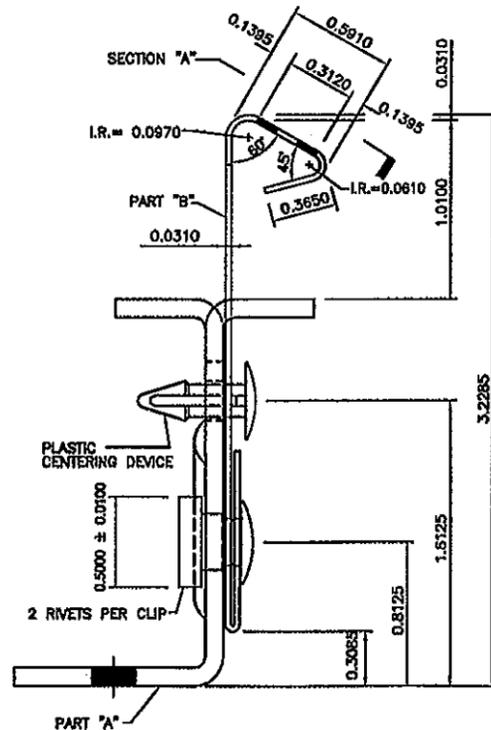
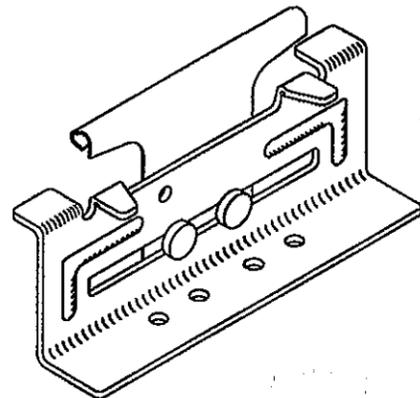
PART "A"

PART "B"

MATERIAL:  
PART A = 12 GA. (0.104" MIN.) GALVANIZED STEEL  
ASTM A448 GRADE D 50 KSI MIN.

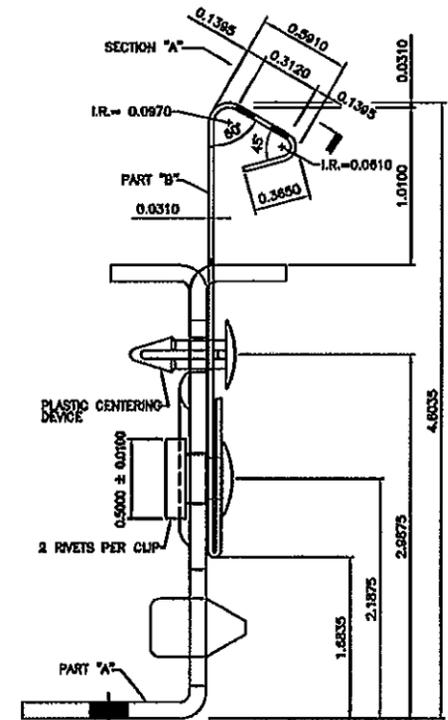
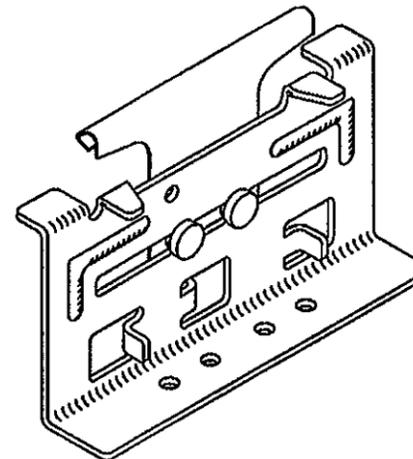
PART B = AZ65 ALUMINUM-ZINC ALLOY COATED OR ALUMINIZED TYPE 2  
THICKNESS = 0.031" MIN., 48 KSI MIN.

NOTES:  
ALL DIMENSIONS ± .020 UNLESS NOTED  
WGT. = .97#



SECTION THROUGH CLIP ASSEMBLY

MATERIAL:  
PART A = 12 GA. (0.104" MIN.) GALVANIZED STEEL  
ASTM A448 GRADE D 50 KSI MIN.  
PART B = AZ65 ALUMINUM-ZINC ALLOY COATED OR ALUMINIZED TYPE 2  
THICKNESS = 0.031" MIN., 48 KSI MIN.  
NOTES:  
ALL DIMENSIONS ± .020 UNLESS NOTED  
WGT. = 0.81#



Standing Seam 360 Roof Panel Clip (S3PC-1)

Standing Seam 360 Roof Panel Clip (S3PC-2T)

*Jeffrey C. Walsh*  
10/14/2011

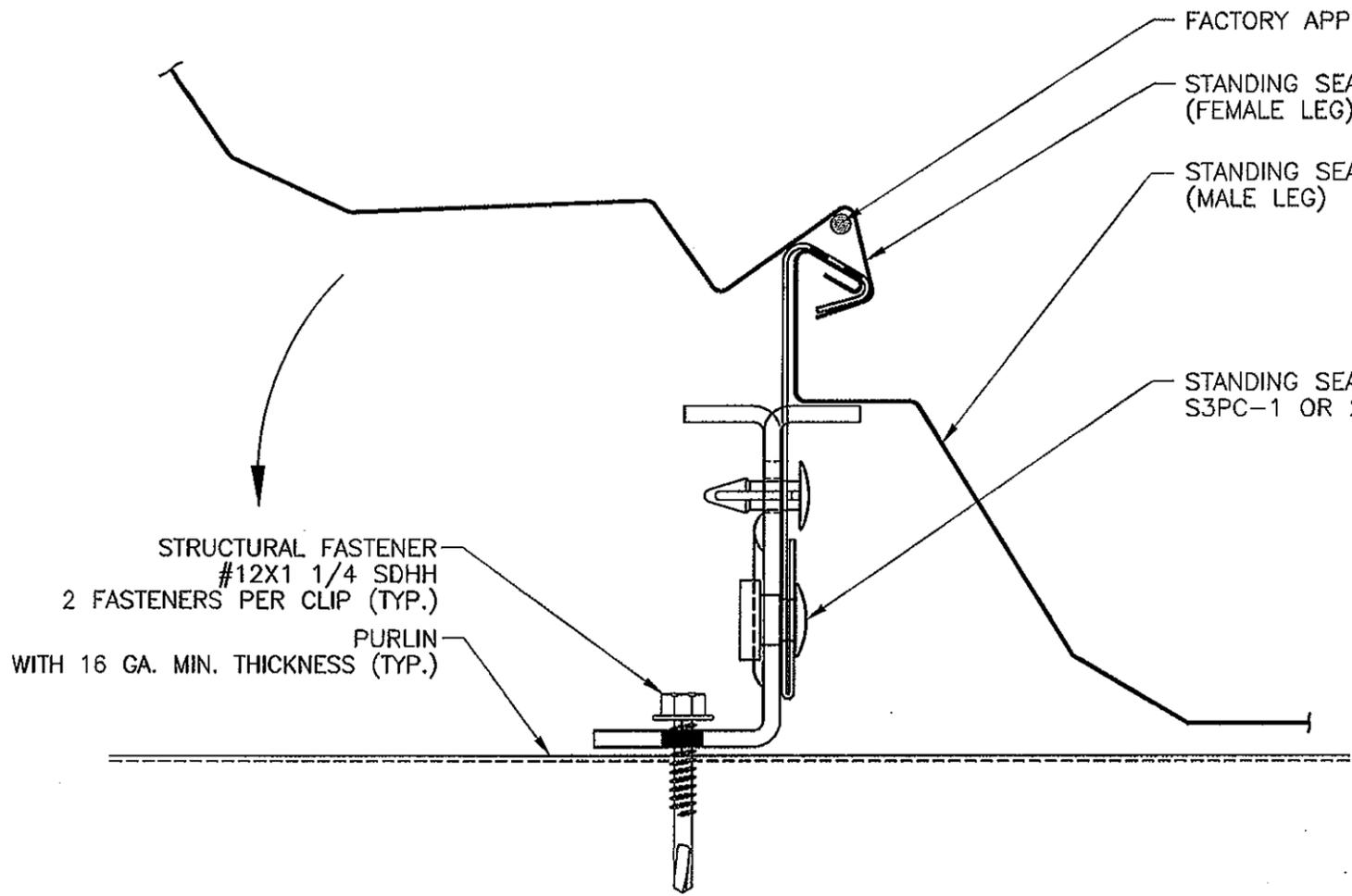
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JEFFREY C. WALSH						NONE	
ENGINEERS STATE REGISTRATION NO.:						DRAWN BY:	THG 4-22-11
41467						CHK'D BY:	JCW 4-22-11

STANDING SEAM 360 ROOF PANEL  
PANEL CLIPS

EUFALA ALABAMA  
AMERICAN BUILDINGS  
AN ALUCOR COMPANY  
DRAWING NUMBER: MD-S3P24  
PAGE 2 of 9

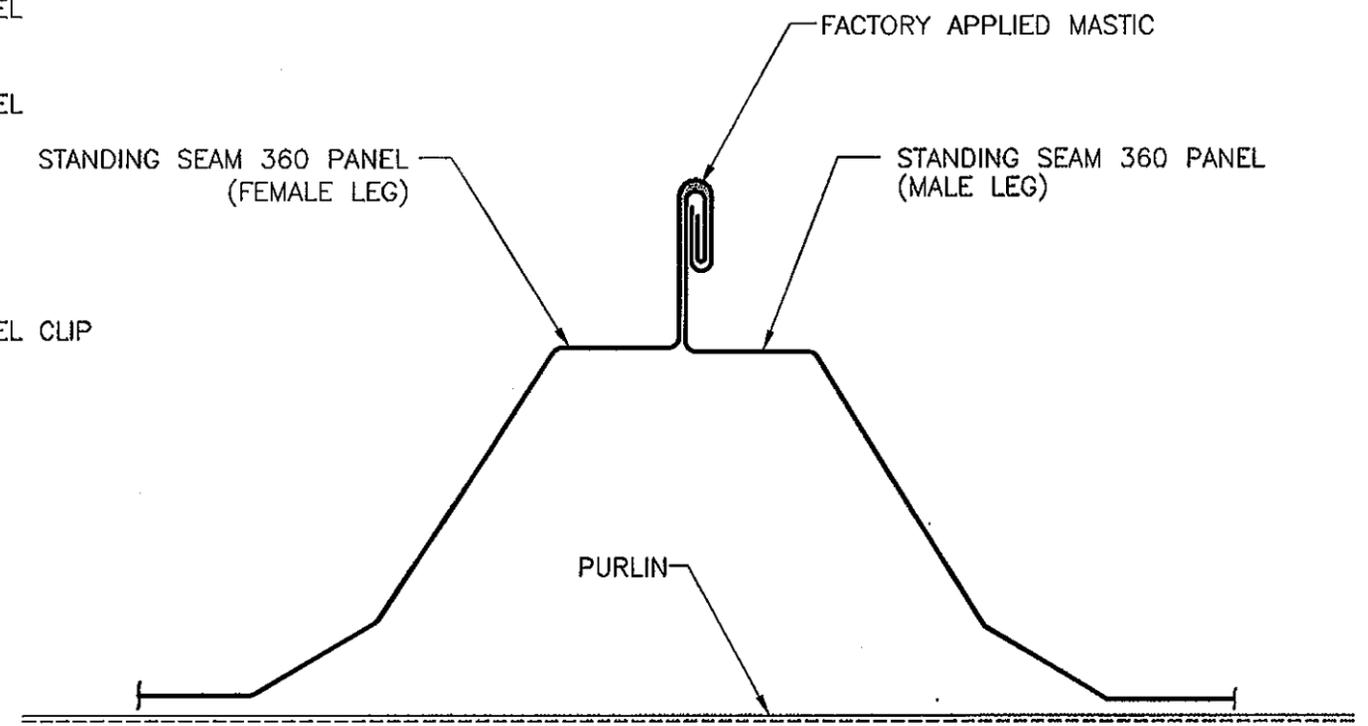
Approved as complying with the  
Florida Building Code  
Date 10/27/2011  
NOA# 11-0502.09  
Miami Dade Product Control

By *Heather A. Walker*



DETAIL AT SIDELAP WITH PANEL CLIP  
STANDING SEAM 360

RC01  
TA-MD



DETAIL AT FINISHED SEAM  
STANDING SEAM 360

RC05  
TA-MD

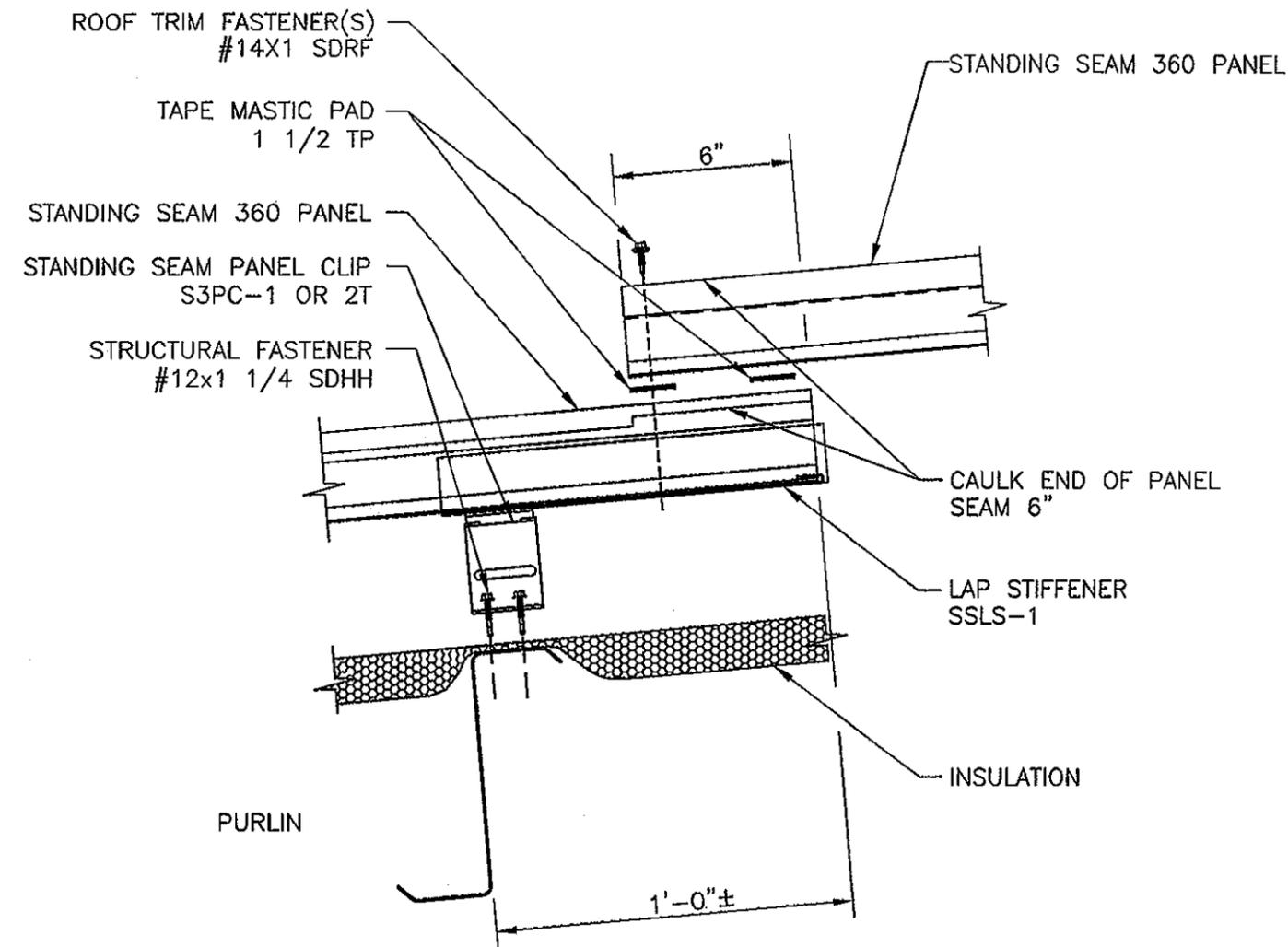
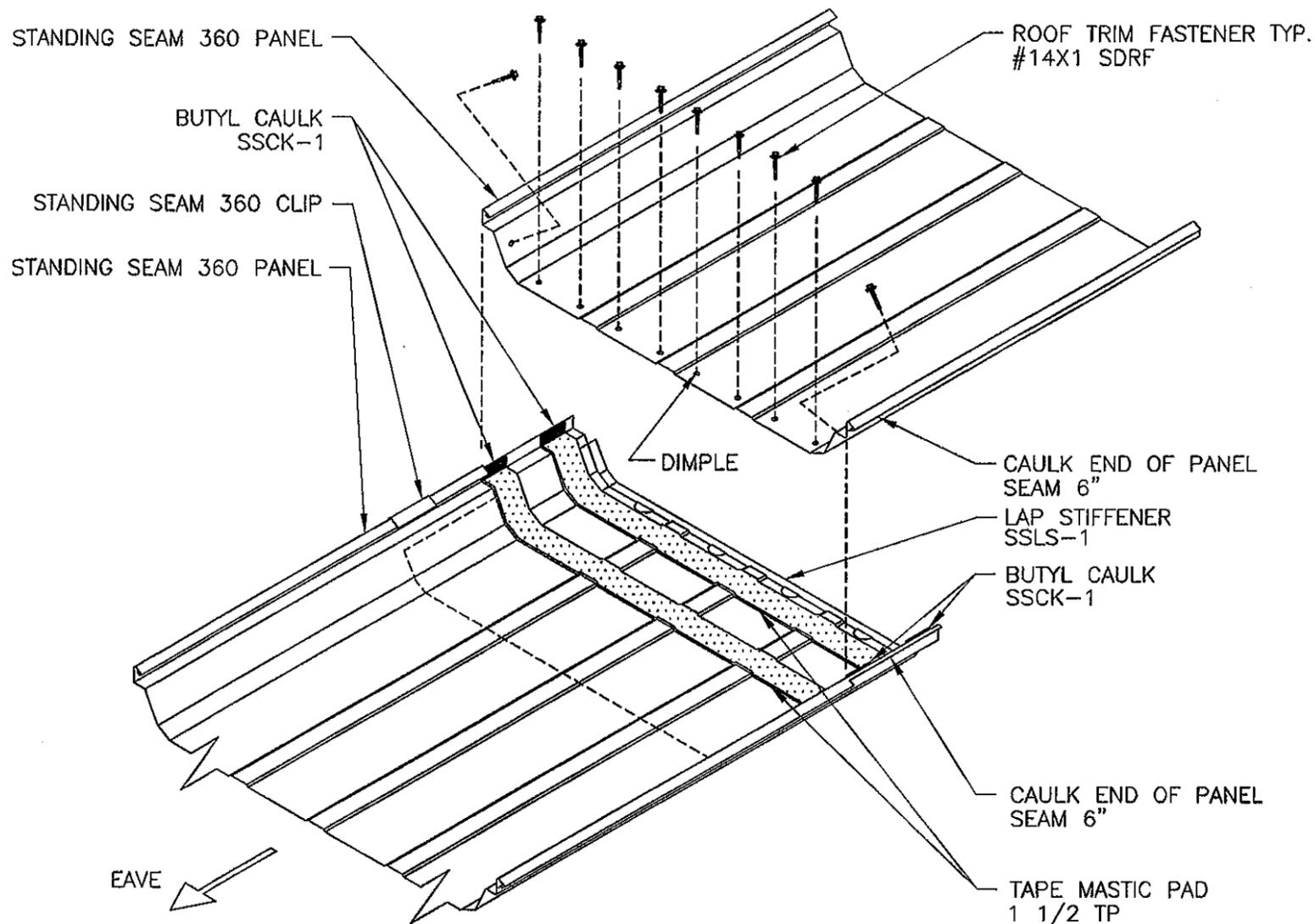
*Jeffrey C. Walsh*  
10/14/2011

ENGINEERS NAME:	NO.	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH						DRAWN BY:	THG	4-22-11
ENGINEERS STATE REGISTRATION NO.:						CHK'D BY:	JCW	4-22-11
41467								

STANDING SEAM 360 ROOF PANEL  
SECTION AT PANEL SIDELAP

EUFAULA ALABAMA  
  
 AMERICAN BUILDINGS  
 A MILLER COMPANY  
 DRAWING NUMBER: MD-S3P24  
 PAGE 3 of 9

Approved as complying with the  
 Florida Building Code  
 Date 10/27/2011  
 NOA# 11-0502-09  
 Miami Dade Product Control  
 By *Helmy A. Matar*



ROOF PANEL ENDLAP  
STANDING SEAM 360

RC06  
SA-MD

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

WHEN ENDLAPS ARE REQUIRED THE UPPER 6 INCHES OF THE LOWER PANEL SEAMS ARE NOTCHED TO ACCEPT THE UPPER PANEL. THIS LAP WILL OCCUR APPROXIMATELY 12 INCHES ABOVE A PURLIN. PRIOR TO SETTING THE UPPER PANEL, INSTALL THE LAP STIFFENER, SSLS-1 AS SHOWN ABOVE. THEN PLACE PRECUT LENGTH OF SPECIAL 1 1/2" X 1/8" STANDING SEAM LAP MASTIC ACROSS THE WIDTH OF THE PANEL BEGINNING AND ENDING AT THE VERTICAL SEAMS. APPLY SSCK-1 (BUTYL LAP CAULK) TO INNER FACE OF BOTH MALE AND FEMALE SEAMS, MAKING SURE THAT BACK EDGE OF MALE NOTCH IS COVERED. INSTALL THE UPPER PANEL WITH ITS LOWER EDGE FLUSH TO THE BACK SIDE OF THE NOTCH IN THE LOWER PANEL. SECURE THE LAP WITH #14 X 1" ROOF FASTENERS INSTALLED AT THE PRE-DIMPLED LOCATIONS WHILE CLAMPS ARE IN PLACE. DO NOT REMOVE CLAMPS UNTIL ALL REQUIRED ENDLAP FASTENERS ARE INSTALLED.

PANEL LAP DETAIL  
STANDING SEAM 360

RC07  
TA-MD

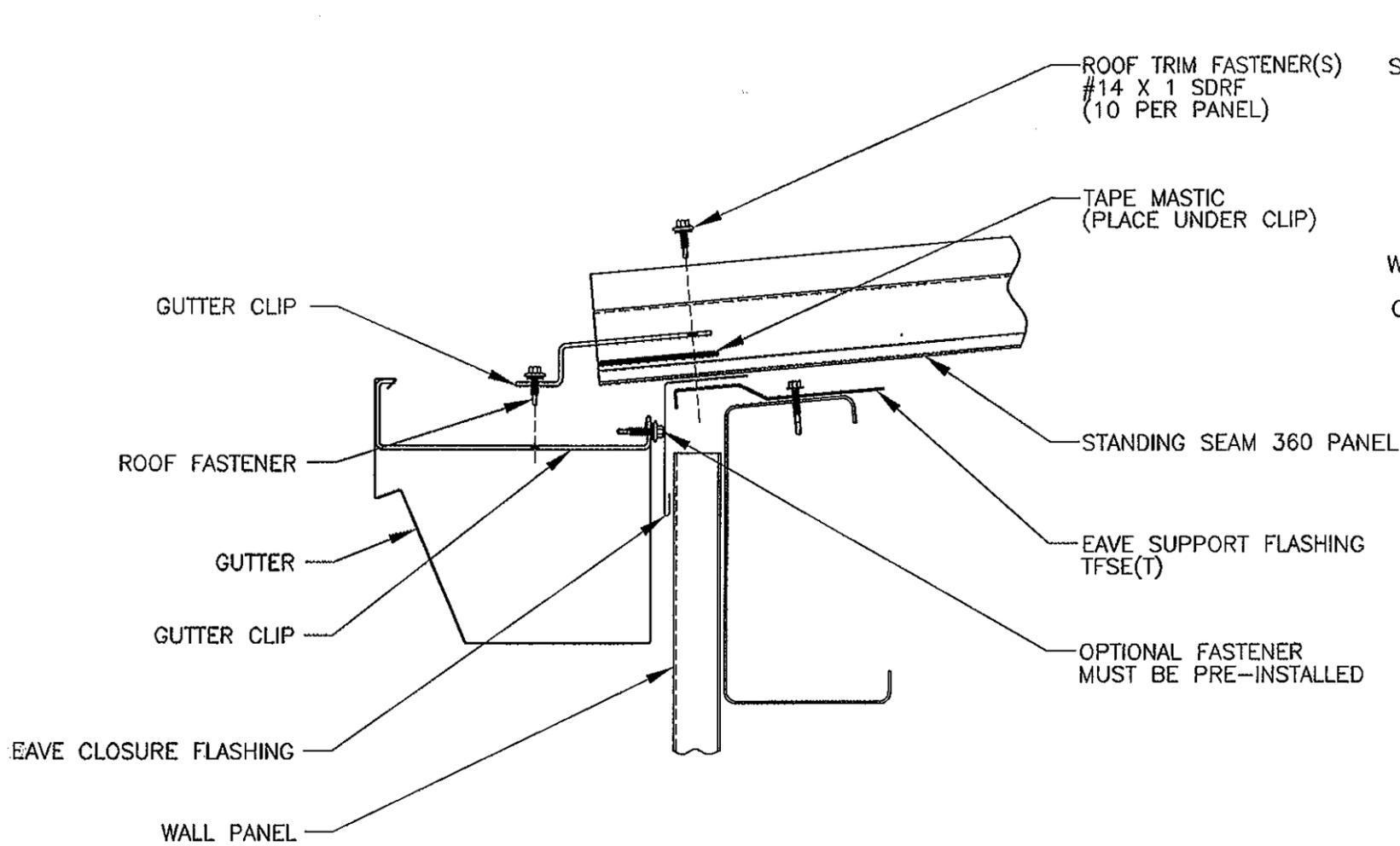
*Jeffrey C. Walsh*  
10/14/2011

ENGINEERS NAME:	NO.	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH						DRAWN BY:	THG	4-22-11
ENGINEERS STATE REGISTRATION NO.:						CHK'D BY:	JCW	4-22-11
41467								

STANDING SEAM 360 ROOF PANEL  
SECTION AT PANEL ENDLAP

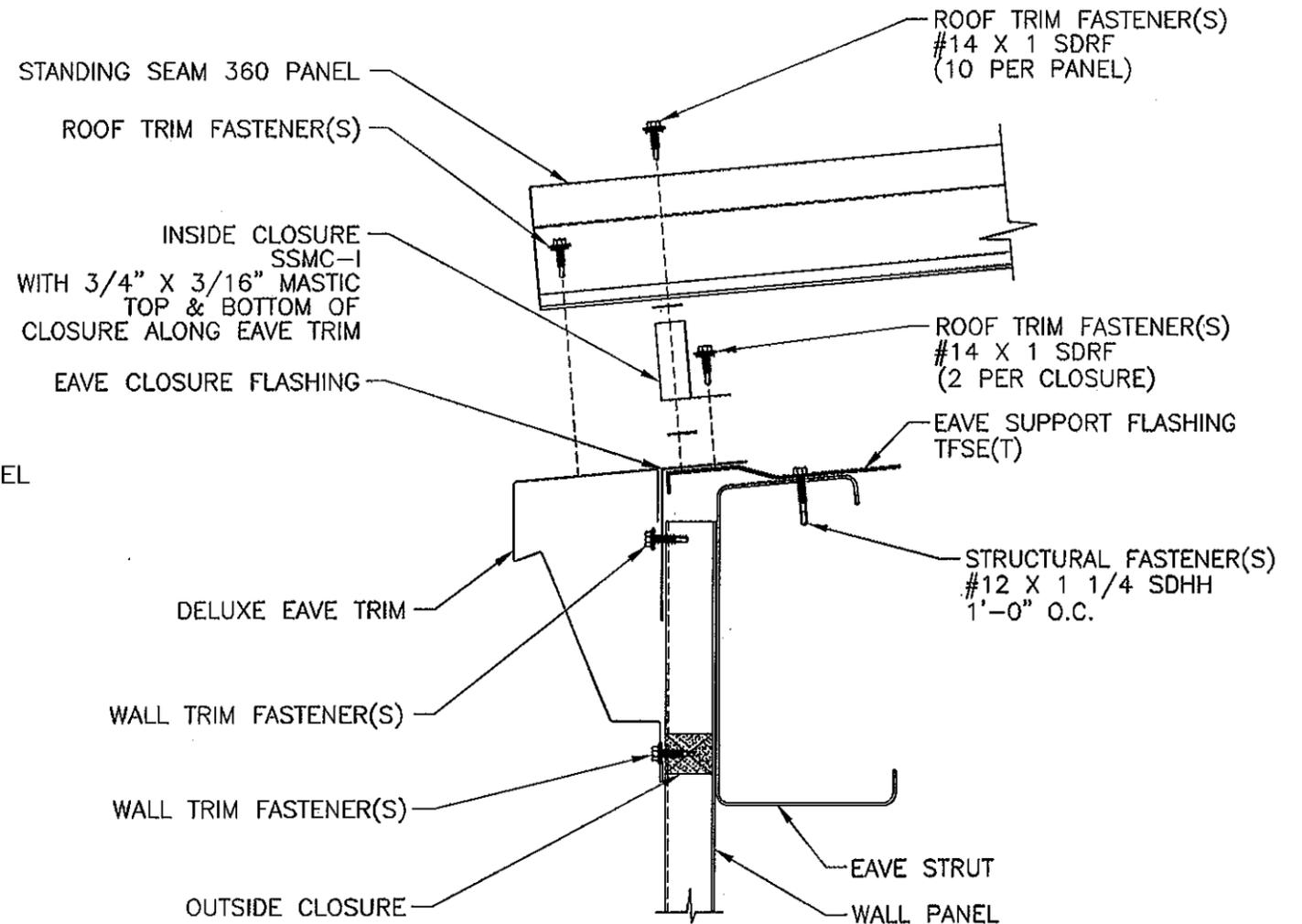
EUFULA ALABAMA  
AMERICAN BUILDINGS  
DRAWING NUMBER: MD-S3P24  
PAGE 4 of 9

Approved as complying with the  
Florida Building Code  
Date 10/27/2011  
NOA# 11-0502-09  
Miami Dade Product Control  
By *Helmy A. Meher*



STANDARD GUTTER DETAIL WITH GUTTER CLIP ATTACHMENT

EA01  
SA-MD



EAVE DETAIL W/DELUXE EAVE FLASHING

STANDING SEAM 360 ROOF

EA03  
SB-MD

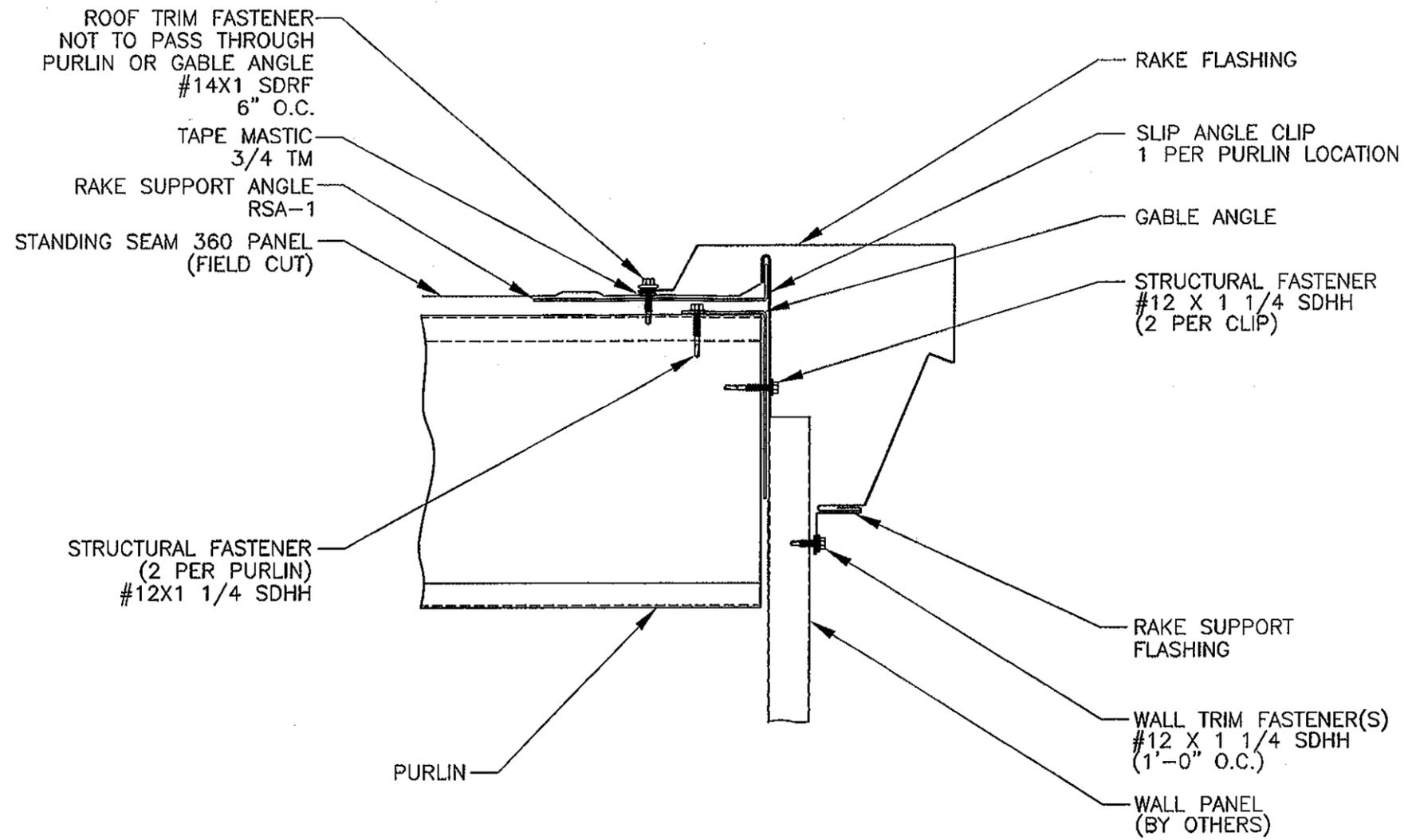
*Jeffrey C. Walsh*  
10/14/2011

ENGINEERS NAME	NO.	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH								
ENGINEERS STATE REGISTRATION NO.:								
41467								

DRAWN BY: THG	4-22-11
CHK'D BY: JCW	4-22-11

STANDING SEAM 360 ROOF PANEL	EUFULA	ALABAMA
SECTION AT EAVE	AMERICAN BUILDINGS	
	DRAWING NUMBER: MD-S3P24	PAGE 5 of 9

Approved as complying with the Florida Building Code  
 Date 10/27/2011  
 NOA# 11-0502.09  
 Miami Dade Product Control  
 By *Helmut A. Melton*



UNIVERSAL RAKE DETAIL  
STANDING SEAM 360 ROOF

RA02  
AA-MD

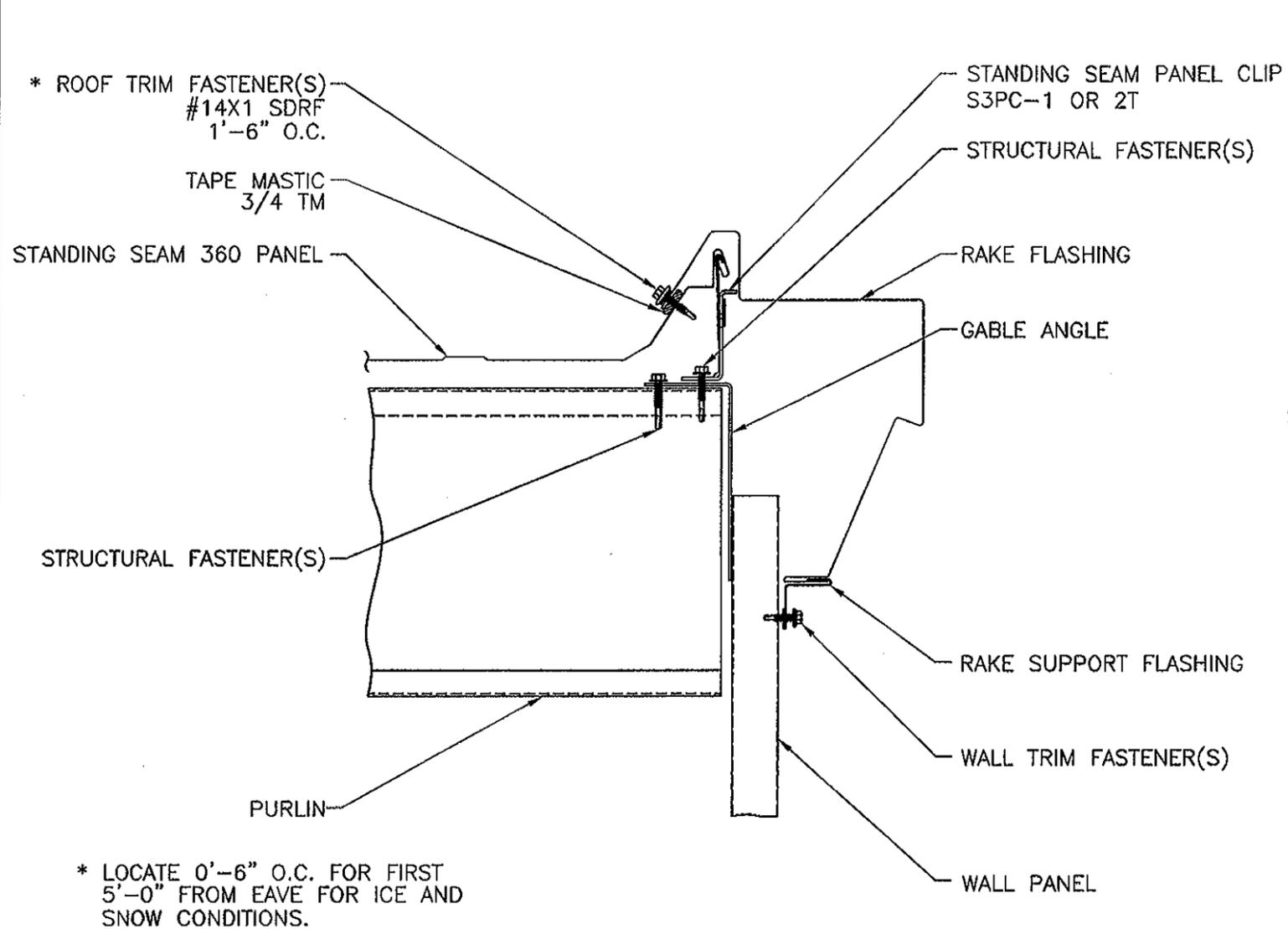
*Handwritten signature:* J.C. Walsh  
10/14/2011

ENGINEERS NAME:	NO.	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH						DRAWN BY:	THG	4-22-11
ENGINEERS STATE REGISTRATION NO.:						CHK'D BY:	JCW	4-22-11
41467								

STANDING SEAM 360 ROOF PANEL SECTION AT RAKE	EUFULA	ALABAMA
	 <b>AMERICAN BUILDINGS</b> <small>A TILCOR COMPANY</small>	
DRAWING NUMBER:	MD-S3P24	PAGE 6 of 9

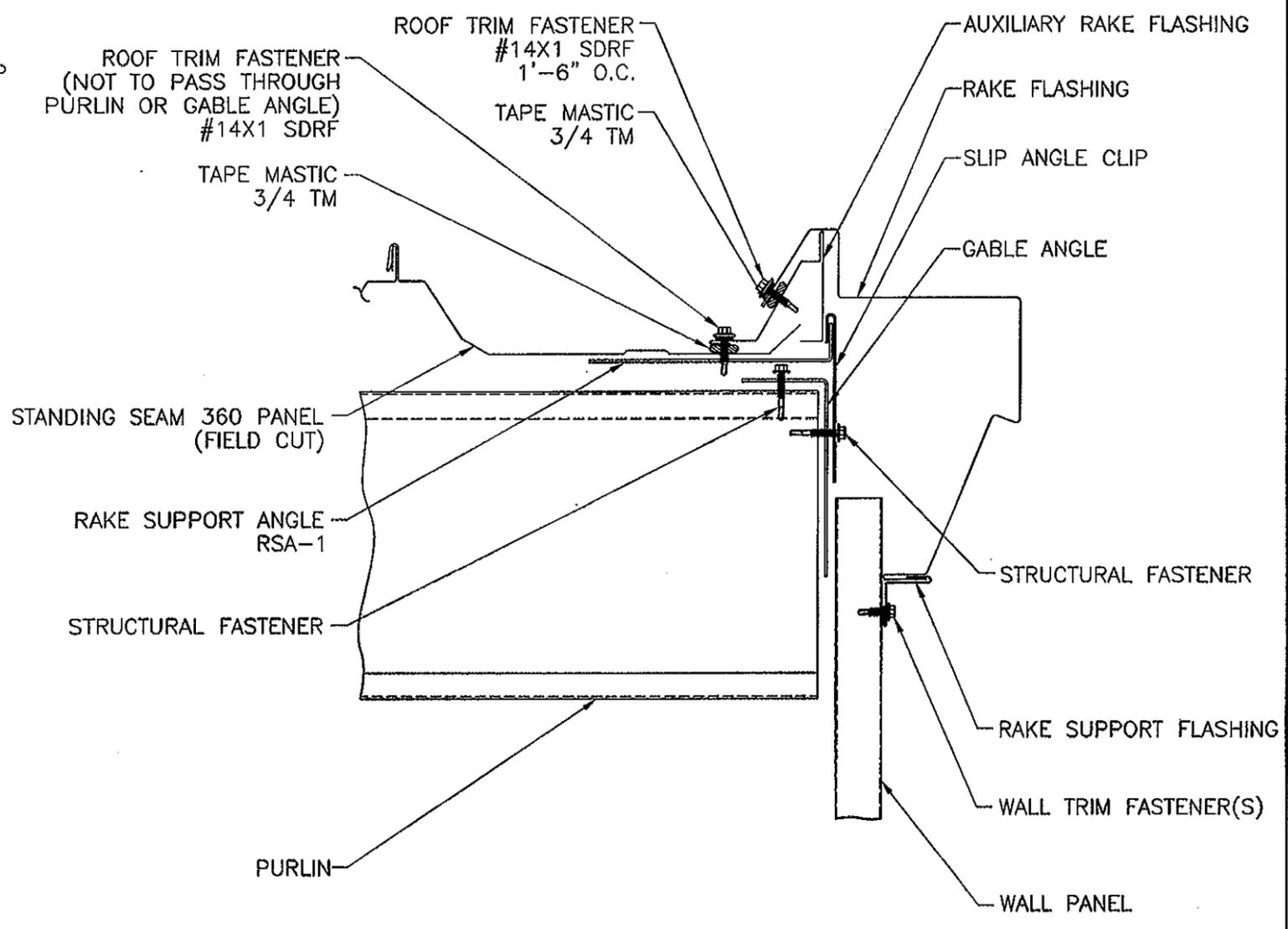
Approved as complying with the Florida Building Code  
 Date 10/27/2011  
 NOA# 11-0502.09  
 Miami Dade Product Control  
 By *Handwritten signature*



\* LOCATE 0'-6" O.C. FOR FIRST 5'-0" FROM EAVE FOR ICE AND SNOW CONDITIONS.

CUSTOM RAKE DETAIL AT STARTING ENDWALL  
STANDING SEAM 360 ROOF

RA01
SA-MD



CUSTOM RAKE DETAIL AT ENDING ENDWALL  
STANDING SEAM 360 ROOF

RA01A
SA-MD

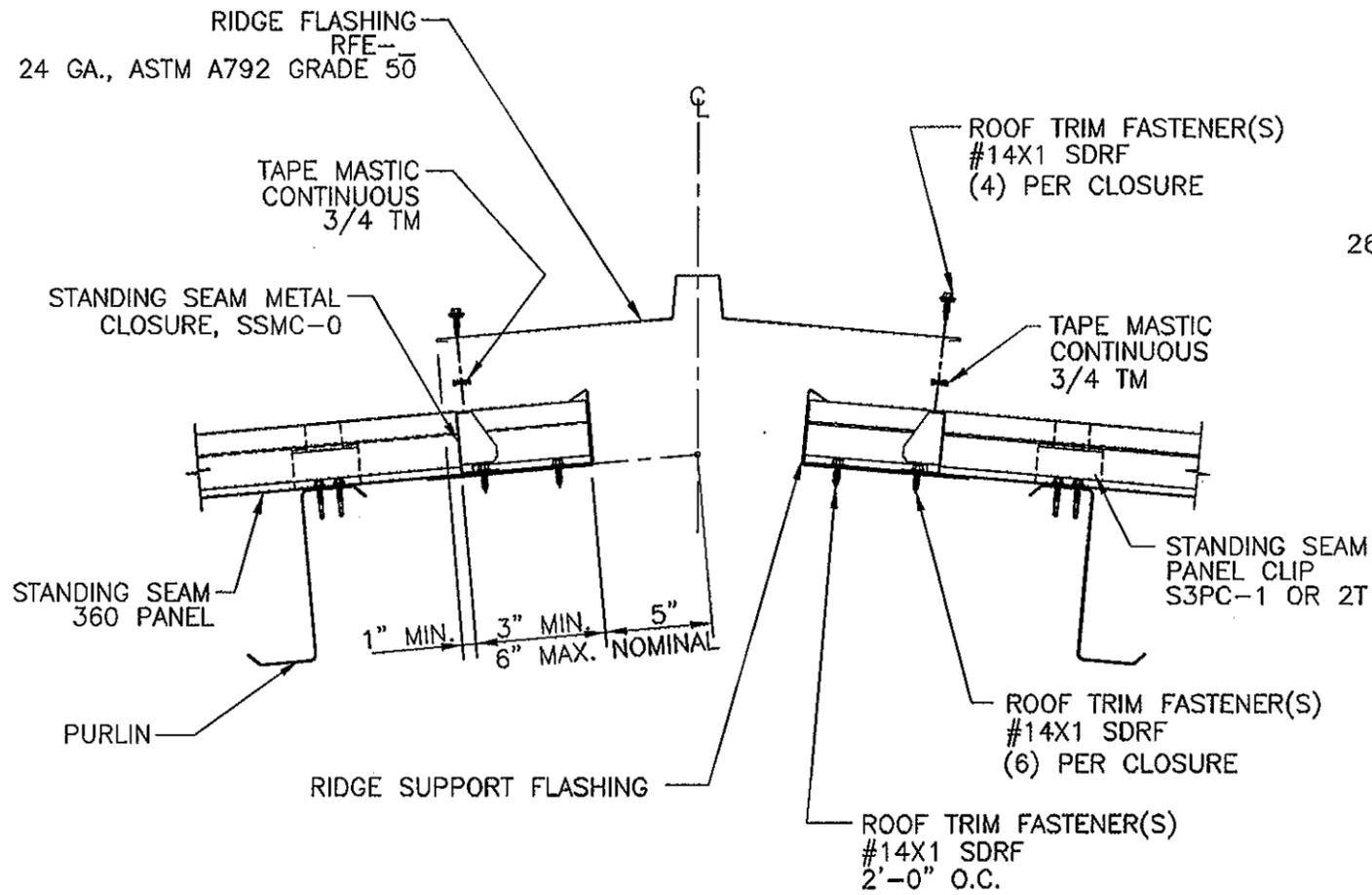
*Handwritten signature and date:*  
Jeffrey C. Walsh  
10/14/11

ENGINEER'S NAME:	NO.	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH								
ENGINEER'S STATE REGISTRATION NO.:								
41467								

STANDING SEAM 360 ROOF PANEL  
SECTION AT RAKE

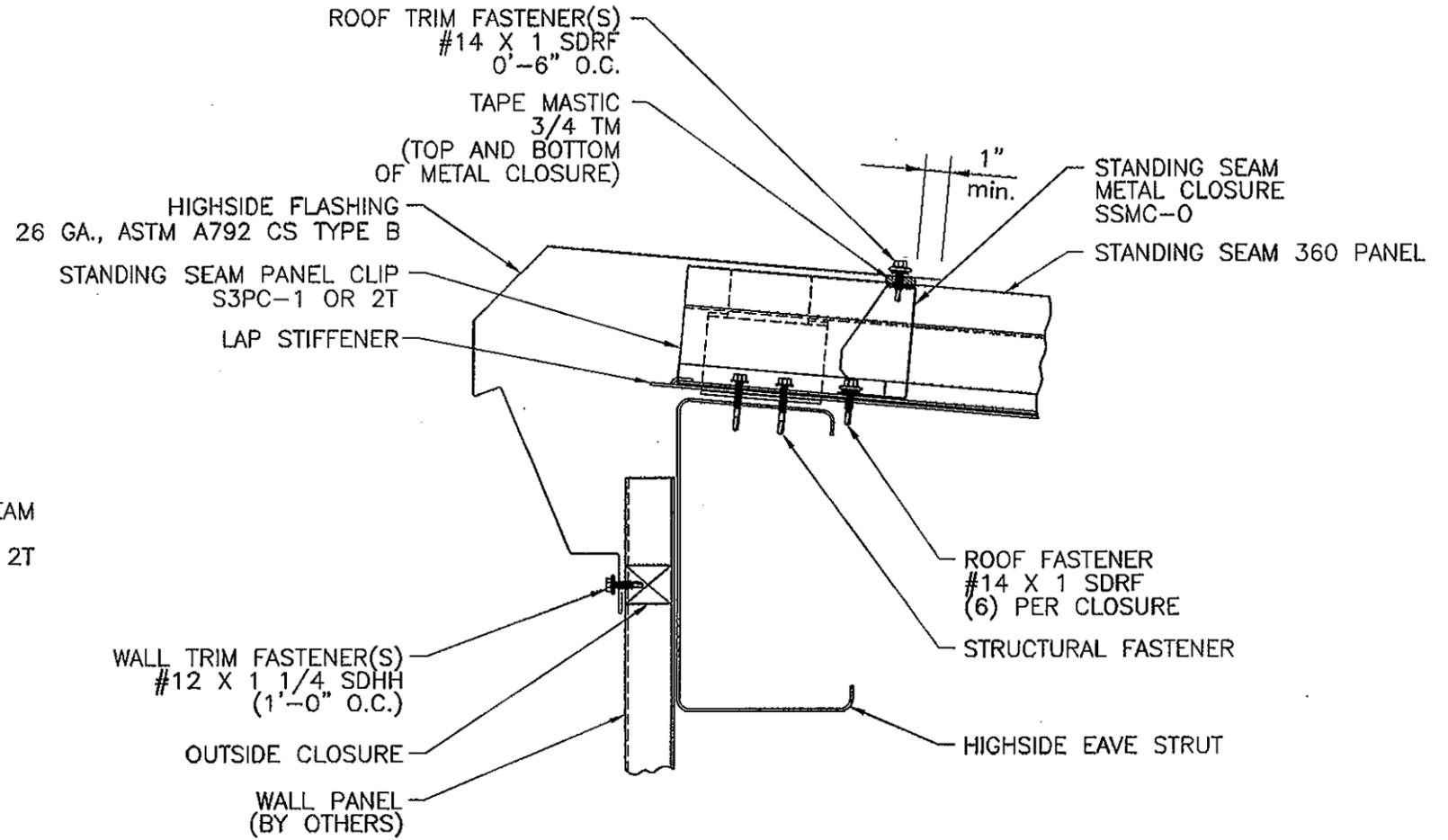
EUFALA ALABAMA  
  
 AMERICAN BUILDINGS  
 A TULSA COMPANY  
 DRAWING NUMBER: MD-S3P24  
 PAGE 7 of 9

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 Date 10/27/2011  
 NOA# 11-0502-09  
 Miami Dade Product Control  
 By *Handwritten signature*



RIDGE DETAIL  
STANDING SEAM 360 ROOF

RC32  
SA-MD



HIGHSIDE EAVE FLASHING ATTACHMENT  
STANDING SEAM 360 ROOF

EA05  
SB-MD

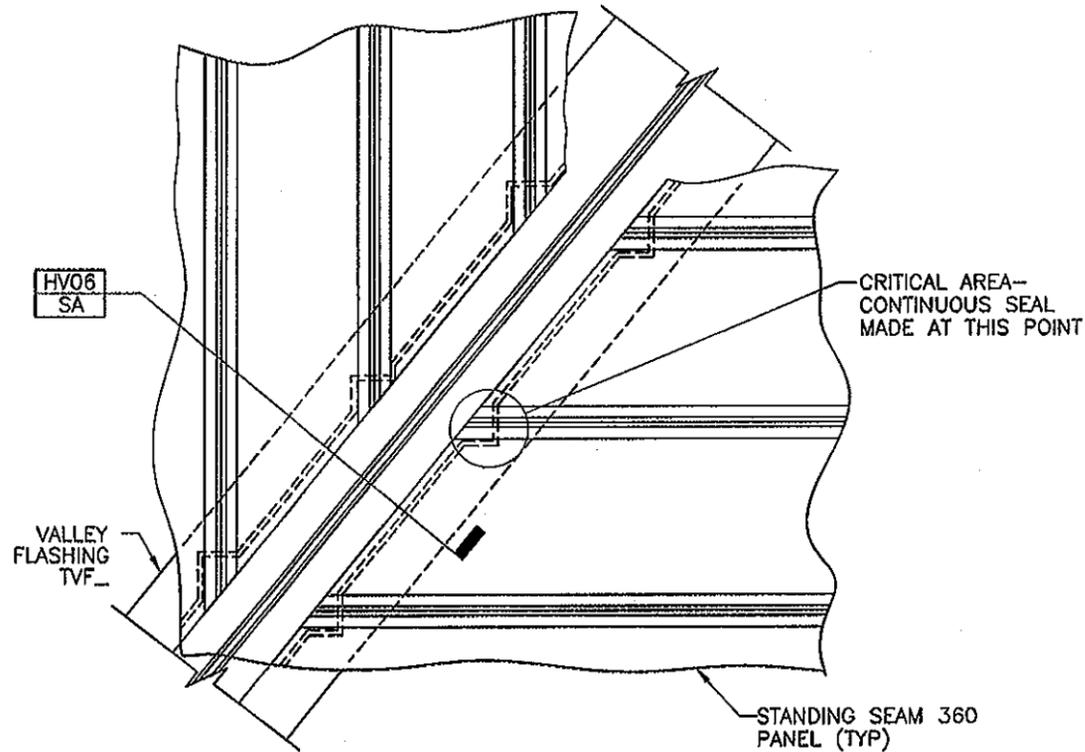
*Jeffrey C. Walsh*  
10/14/2011

ENGINEER'S NAME:	NO.	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH								
ENGINEER'S STATE REGISTRATION NO.:								
41467								

DRAWN BY:	THG	4-22-11
CHK'D BY:	JCW	4-22-11

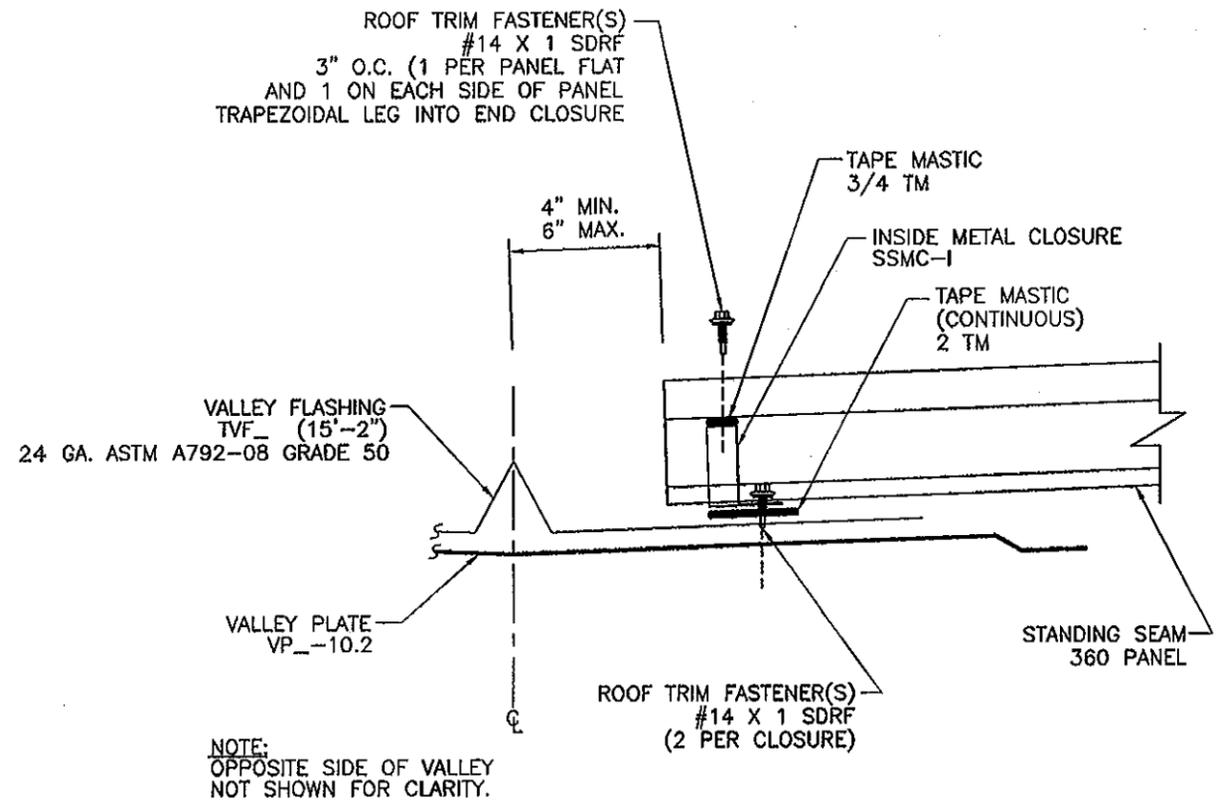
STANDING SEAM 360 ROOF PANEL	EUFALA	ALABAMA
SECTION AT RIDGE AND HIGH SIDE EAVE	AMERICAN BUILDINGS	
DRAWING NUMBER:	MD-S3P24	PAGE 8 of 9

Approved as complying with the Florida Building Code  
Date 10/27/2011  
NOA# 11-0502.09  
Miami Dade Product Control  
By *Jeffrey C. Walsh*



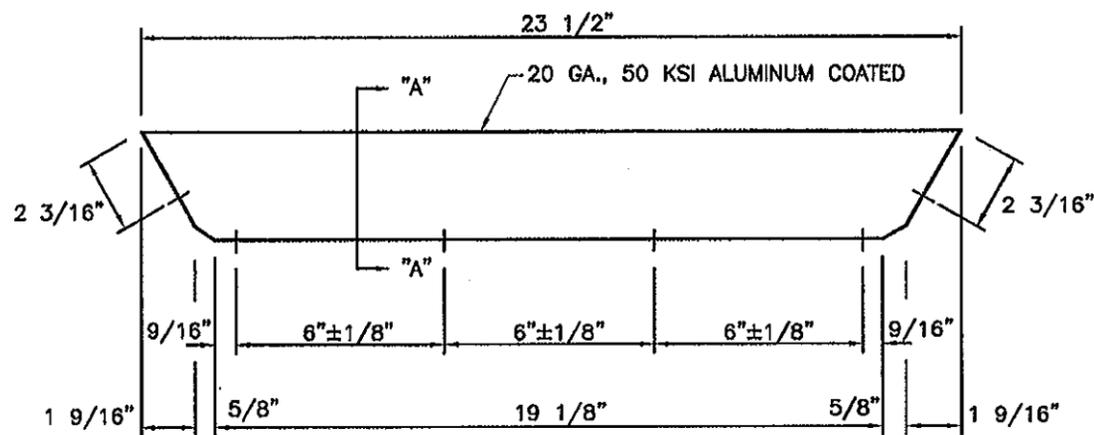
PANEL DETAIL AT VALLEY  
STANDING SEAM 360 ROOF

HVO7  
SA-MD



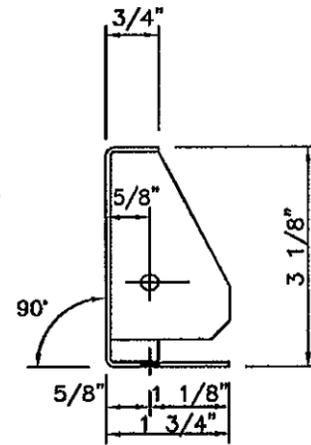
VALLEY FLASHING DETAIL  
STANDING SEAM 360 ROOF

HVO6  
SA-MD

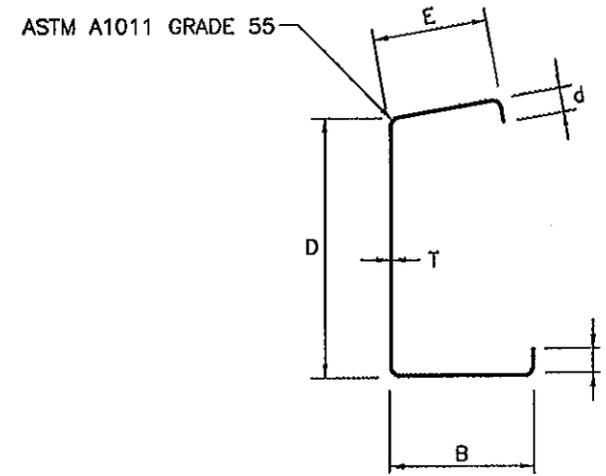


STANDING SEAM OUTSIDE METAL CLOSURE

SSMC-0



SECTION "A" "A"



STANDARD EAVE STRUT

Section Depth and Gauge	Depth "D" (in.)	Flange "B" (in.)	Flange "E" (in.)	Lips "d" (in.)	Thick "T" (in.)
40S6	4.000	3.500	2.250	0.719	0.060
40S4	4.000	3.500	2.250	0.781	0.075
60S6	6.000	4.500	2.500	0.781	0.060
60S4	6.000	4.500	2.500	0.844	0.075
60S2	6.000	4.500	2.500	0.938	0.099
80S5	8.000	4.500	3.375	0.719	0.067
80S4	8.000	4.500	3.375	0.750	0.075
80S2	8.000	4.500	3.375	0.844	0.099
95S3	9.500	4.500	4.500	0.969	0.089
95S2	9.500	4.500	4.500	1.031	0.099
95S1	9.500	4.500	4.500	1.125	0.120

*Jeffrey C. Walsh*  
10/14/2011

ENGINEER'S NAME:	NO.	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH								
ENGINEER'S STATE REGISTRATION NO.:								
41467								

STANDING SEAM 360 ROOF PANEL  
SECTION AT VALLEY

EUFULA ALABAMA  
AMERICAN BUILDINGS  
DRAWING NUMBER: MD-S3P24  
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Approved as complying with the Florida Building Code  
Date 10/27/2011  
NOA# 11-0502-09  
Miami Dade Product Control  
By *Jeffrey A. Nelson*