MIAMI-DADE COUNTY
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
www.miamidade.gov/economy

# NOTICE OF ACCEPTANCE (NOA)

**American Building 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 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. 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: 0.0213" (min.) SS-360 Structural Metal Roof Panel**

**APPROVAL DOCUMENT:** Drawing No. MD-S3P24, titled "Standing Seam 360 Roof Panel", sheets 1 through 6 of 6, prepared, signed and sealed by John W. Stark, P.E., on 09/09/2022, sheet 1 of 6, and Jeff C. Walsh, P.E., on 08/09/2021, sheet 2 of 6 through 6 of 6, 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 Resistant**

**LABELING:** Each panel shall bear a permanent label with the manufacturer's name or logo, Swansea, SC, 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 and renews NOA #19-1022.09** 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.**

MIAMI-DADE COUNTY APPROVED

Helmy A. Makar
10/06/2022

**NOA No. 21-0903.02**
**Expiration Date: 10/27/2026**
**Approval Date: 10/06/2022**

**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 7 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.**
**Product Control Section Supervisor**
**NOA No. 21-0903.02**
**Expiration Date: 10/27/2026**
**Approval Date: 10/06/2022**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #16-0628.01**

**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, 2014 Edition, Compliance Letter, prepared by American Buildings Company, dated 06/17/2016, signed by Jeff Walsh, P.E.*

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #18-0815.04**

**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, prepared by American Buildings Company, dated 07/30/18, signed by Jeff Walsh, P.E.*

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #19-1022.09**

**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 04/22/2011, last revision #1 dated 10/06/2019, signed and sealed by Jeff C. Walsh, P.E., on October 08, 2019.*

Helmy A. Makar

**Helmy A. Makar, P.E., M.S.**
**Product Control Section Supervisor**
**NOA No. 21-0903.02**
**Expiration Date: 10/27/2026**
**Approval Date: 10/06/2022**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**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, prepared by American Buildings Company, dated 07/30/18, signed by Jeff Walsh, P.E.*

**5. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

*1. Drawing # MD-S3P24, titled "Standing Seam 360 Roof Panel", sheets 1 through 6 of 6, prepared, signed and sealed by John W. Stark, P.E., on 09/09/2022, sheet 1 of 6, and Jeff C. Walsh, P.E., on 08/09/2021, sheet 2 of 6 through 6 of 6.*

**B. TESTS**

*1. Test report on Negative/Positive Pressure per TAS 125-03 (ASTM E 1592) on Standing Seam 360 Roof Panel issued by Farabaugh Engineering and Testing, Inc., Report #T192-21, dated 07/07/21, signed & sealed by Daniel G. Farabaugh, P.E.*

*2. Wind Driven Rain Test per PA-100 on Standing Seam 360 Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T199-21, dated June 29, 2021, signed and sealed by Daniel G. Farabaugh, P.E.*

**C. CALCULATIONS**

*1. Calculations titled "Standing Seam 360 Roof Panel", 7 pages, dated 09/09/2022, prepared by John W. Stark, P.E., signed and sealed by John W. Stark, P.E.*

**D. QUALITY ASSURANCE**

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

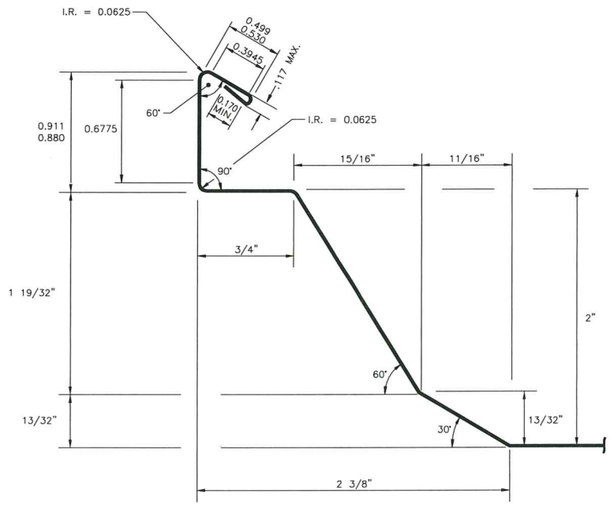
**E. MATERIAL CERTIFICATIONS**

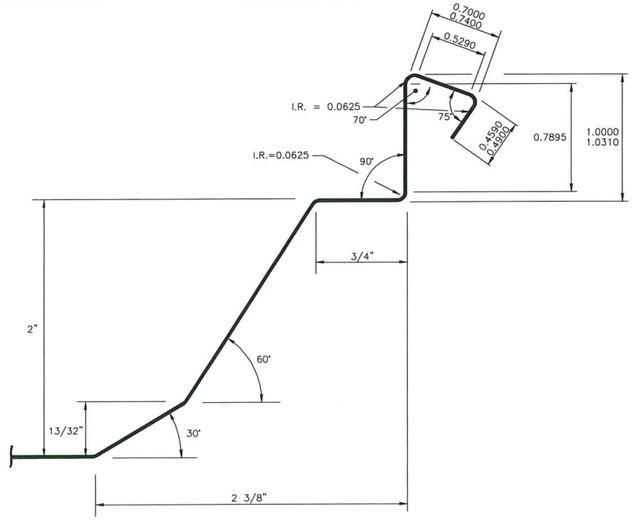
*1. None.*

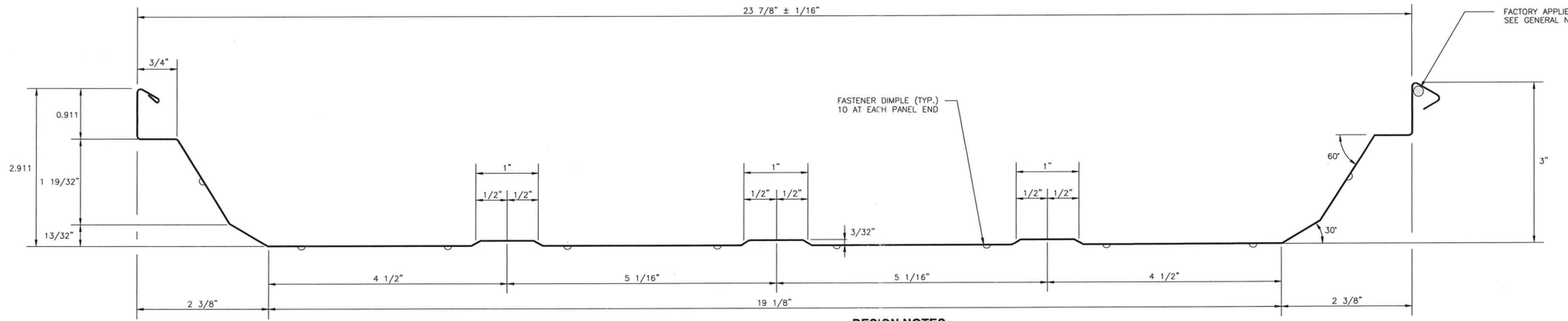
**F. STATEMENTS**

*1. Florida Building Code, 2020 Edition, Compliance Letter, prepared by American Buildings Company, dated 09/09/2022, signed by John W. Stark, P.E.*

**Helmy A. Makar, P.E., M.S.**
**Product Control Section Supervisor**
**NOA No. 21-0903.02**
**Expiration Date: 10/27/2026**
**Approval Date: 10/06/2022**

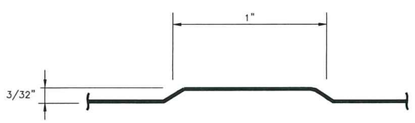



**GENERAL NOTES:**

1. MATERIAL: 24 GA (0.023" MIN), AZ55 WITH MIN. Fy = 50 KSI
   1a. ALT MATERIAL: 22 GA, AZ55 WITH MIN. Fy = 50 KSI
2. COIL WIDTH: 29.375 IN. TOL. = -0.00, + 0.125
3. MASTIC 3/16"Ø -1/4"Ø SHALL BEGIN AND END A MAXIMUM OF 2" FROM PANEL ENDS
4. SEE NEXT PAGE FOR NOTCH AND DIMPLE INFORMATION
5. MINIMUM ALLOWABLE ROOF SLOPE .25:12




MINOR RIB DETAIL
ALL RADII = 3/32"

Tolerance Standards for Thickest Metal:
* Accumulation---- (+ or -) 1/16 in.
Depth---------- (+ or -) 1/32 in.
Radii---------- (+ or -) 0.02 in.
Angles---------- (+ or -) 2 degrees
Camber---------- 1/8 in. in 10 ft.
Ski---------- 1/8 in. in 10 ft.
Dive---------- 1/8 in. in 10 ft.
*Net Variation for Combined Dimensions

**DESIGN NOTES:**

1. THIS ROOF PANEL IS DESIGNED FOR SPANS UP TO 5'-0" MAXIMUM
2. THE TESTED VALUES SHOWN BELOW ARE BASED ON THE PANEL BEING FULLY MECHANICALLY SEAMED.
3. THE STANDING SEAM 360 PANEL (S3P24), WHEN UTILIZED AS A ROOF PANEL, IS COMPLIANT WITH THE FLORIDA BUILDING CODE 2020 EDITION.
4. DEFLECTION SHALL BE LIMITED TO L/180.
5. THIS ROOF PANEL IS APPROVED FOR GRAVITY (POSITIVE) PRESSURE OF 62.45 PSF.
6. THIS ROOF PANEL IS APPROVED FOR UPLIFT (NEGATIVE) PRESSURE AS SHOWN IN THE TABLE BELOW. FOR PANEL SPANS BETWEEN 2'-0" AND 5'-0" MAXIMUM UPLIFT PRESSURE CAN BE DETERMINED BY INTERPOLATION.

| MAXIMUM PANEL SPAN | MAXIMUM UPLIFT PRESSURE (Psf) |
|---|---|
| 5'-0" | 18.20 |
| 4'-6" | 22.11 |
| 4'-0" | 26.02 |
| 3'-6" | 29.93 |
| 3'-0" | 33.84 |
| 2'-6" | 37.75 |
| 2'-0" | 41.65 |

| NO. | REVISION | MADE | CK'D. | DATE |
|---|---|---|---|---|
| 1 | REVISE CHART PER REVIEWERS COMMENTS | EGB | JWS | 9/9/22 |

# STANDING SEAM 360 ROOF PANEL (SS360)

ENGINEER'S SEAL:
JOHN W. STARK
LICENSE
No. 92617
STATE OF FLORIDA
PROFESSIONAL ENGINEER
9/9/22

| | |
|---|---|
| SCALE: NOT TO SCALE | |
| DRAWN BY: | SLP |
| CHECKED BY: | EGB |
| DESIGN APP'D. BY: | JWS |
| ISSUED DATE: | |

| DATE |
|---|
| 04-15-21 |
| 07-07-21 |
| 08-07-22 |

ENGINEER'S NAME: JOHN W STARK

ENGINEER'S STATE REGISTRATION NUMBER: PE92617

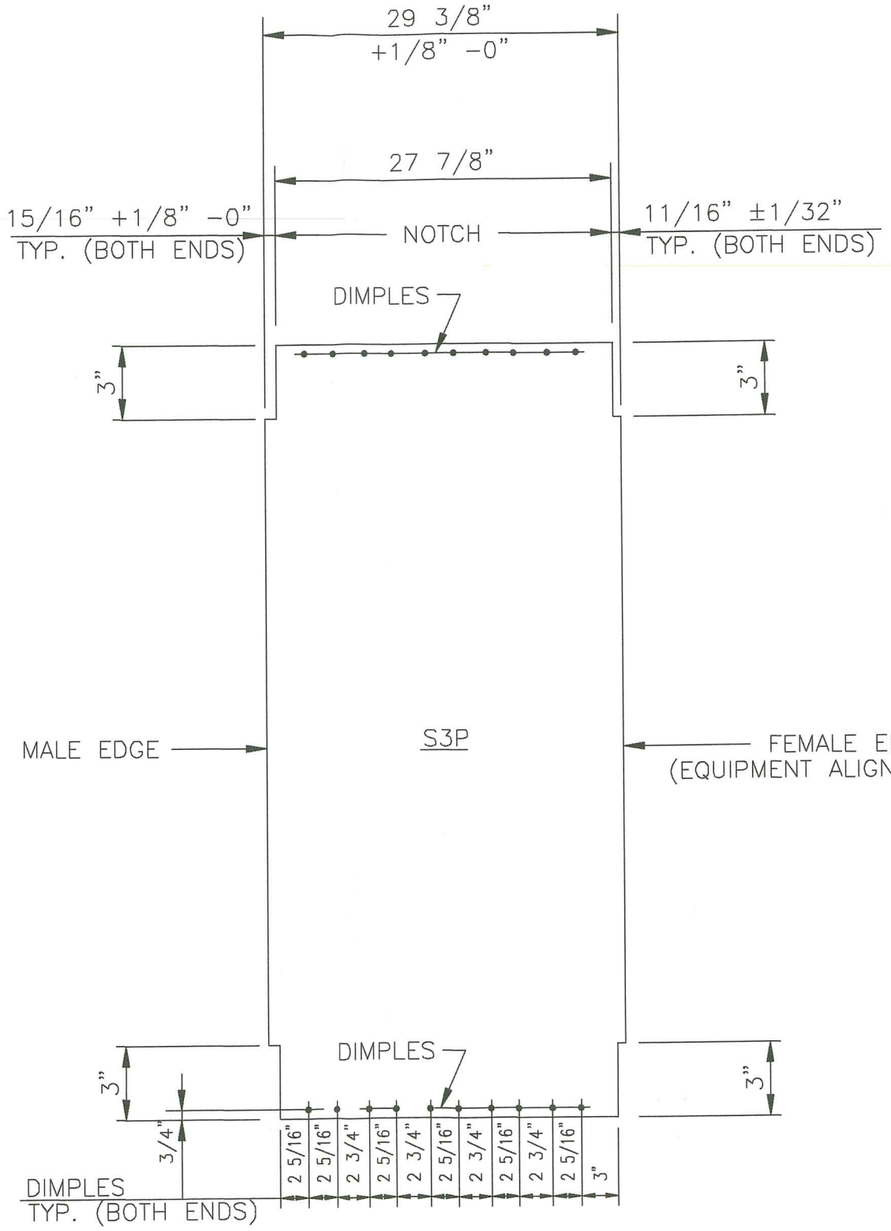

AMERICAN BUILDINGS COMPANY
PO BOX 1006, 200 WHETSTONE RD.
SWANSEA, SC 29160 PHONE: (803) 568-2100 FAX: (803) 568-2121


REVISION NUMBER 0

DRAWING #: MD-S3P24 Pg. 1 of 6

For Dade County Office Use Only

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 21-0903.02
Expiration Date 10/27/2026
By Hedy A. Mesa
Miami Dade Product Control




NOTCH AND DIMPLING NOTES:
1. NOTCH EDGES MUST BE FREE OF SLUGS, DOUBLE STRIKES, BURRS AND FRACTURES.
2. NOTCH AND DIMPLE LOCATION TOLERANCE IS ±1/8"±1/8" (ON THE FINISHED PROFILE)
3. DIMPLES TO BE ROUNDED SO THAT UNDERSIDE WILL NOT SCRATCH LOWER PANEL
4. DIMPLE TO BE APPROXIMATELY .18 ØØ X .06 DEEP.

| NO. | REVISION | MADE | CK'D. | DATE |
|---|---|---|---|---|
| | | | | |

**STANDING SEAM 360 ROOF PANEL (SS360)**

ENGINEER'S SEAL:

A. C. Walsh 8/9/21

| SCALE: NOT TO SCALE | DRAWN BY: SLF | CHECKED BY: EGB | DESIGN APP'D. BY: JCW | ISSUED DATE: |
|---|---|---|---|---|

| DATE |
|---|
| 04-16-21 |
| 07-07-21 |
| 8/9/21 |

ENGINEER'S NAME: JEFFREY C. WALSH

ENGINEER'S STATE REGISTRATION NUMBER: 41467

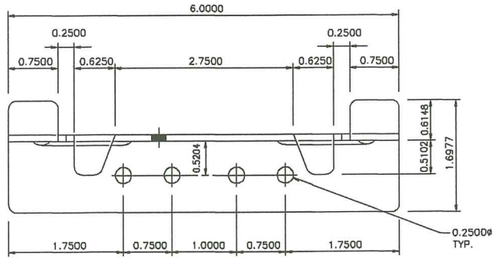

AMERICAN BUILDINGS COMPANY
PO BOX 1006, 200 WHETSTONE RD.
SWANSEA, SC 29160 PHONE: (803) 568-2100 FAX: (803) 568-2121


DRAWING #: MD-S3P24 Pg. 2 of 6

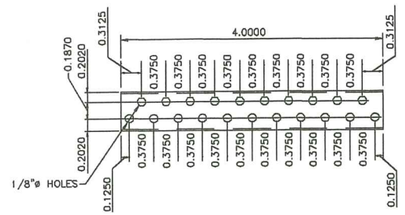
REVISION NUMBER: 0

For Dade County Office Use Only

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 21-0903.02
Expiration Date 10/27/2026
By Helga A. Klein
Miami Dade Product Control




LOOKING TOP DOWN

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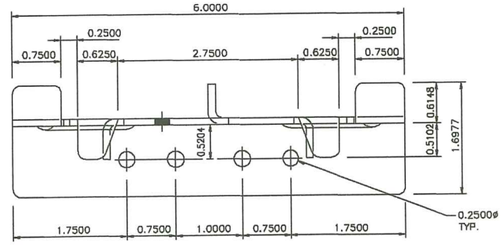


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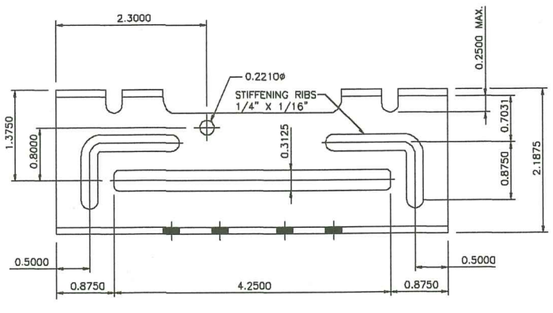
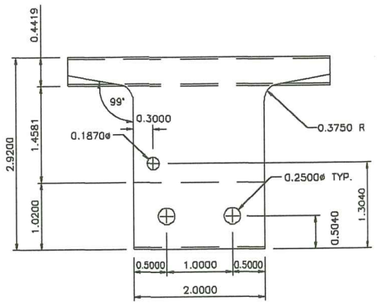
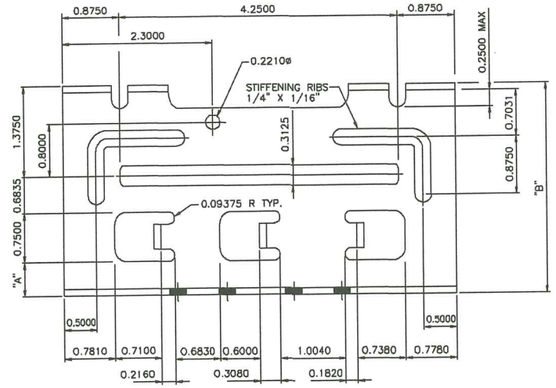



PAR A – SHORT




PART B



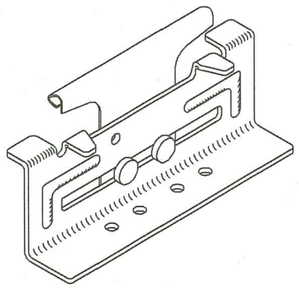

PART A – TALL & SUPER TALL

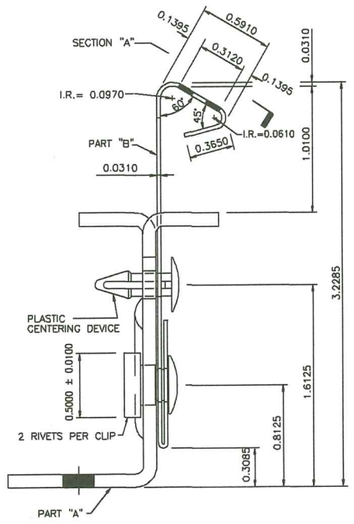
| CLIP TYPE | TALL | SUPER TALL |
|---|---|---|
| STAND-OFF | 1 1/2" | 2 1/2" |
| DIM "A" | 0.754" | 1.6505" |
| DIM "B" | 3.5625" | 4.4590" |

MATERIAL:
PART A = 12 GA. (0.104" MIN.) GALVANIZED STEEL
ASTM A446 GRADE D 50 KSI MIN.

PART B = AZ55 ALUMINUM-ZINC ALLOY COATED OR ALUMINIZED TYPE 2
THICKNESS= 0.031" MIN., 48 KSI MIN.

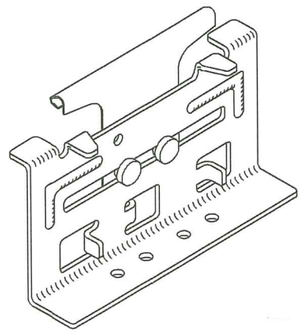
NOTES:
ALL DIMENSIONS ± .020 UNLESS NOTED

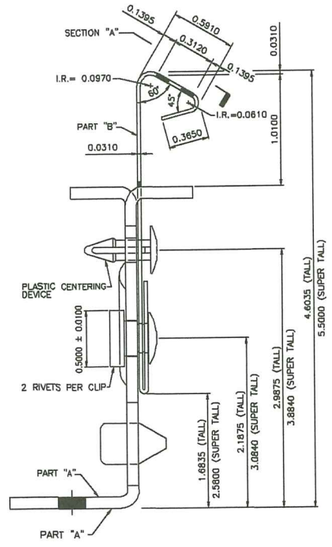





SECTION THROUGH CLIP ASSEMBLY

Standing Seam 360 Roof Panel Clip (S3PC-1)






SECTION THROUGH CLIP ASSEMBLY

Standing Seam 360 Roof Panel Clip – TALL (S3PC-2T)
Standing Seam 360 Roof Panel Clip – SUPER TALL (S3PC-5T)

| NO. | REVISION | MADE CK'D. | DATE |
|---|---|---|---|

# STANDING SEAM 360 ROOF PANEL (SS360)

ENGINEER'S SEAL:

8/9/21

ENGINEER'S NAME: JEFFREY C. WALSH

ENGINEER'S STATE REGISTRATION NUMBER: 41467

| DATE | |
|---|---|
| 04-15-21 | |
| 07-07-21 | |
| 8/9/21 | |

SCALE: NOT TO SCALE
DRAWN BY: ELF
CHECKED BY: RGB
DESIGN APP'D. BY: JCW
ISSUED DATE:

AMERICAN BUILDINGS COMPANY
PO BOX 1006, 200 WHETSTONE RD.
SWANSEA, SC 29160 PHONE: (803) 568-2100 FAX: (803) 568-2121

REVISION NUMBER 0

DRAWING #: MD-S3P24 Pg. 3 of 6

For Dade County Office Use Only

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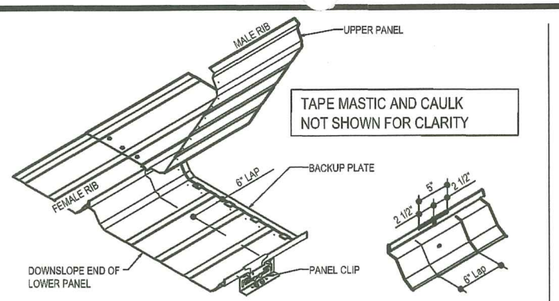
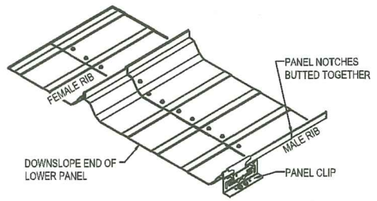
By
Miami Dade Product Control




**ENDLAP ASSEMBLY**

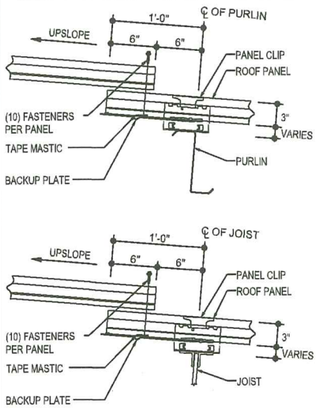



**MALE RIB CAULK DETAIL**




**FINISHED ENDLAP**

**NO GAP!!**




**ERECTION NOTES:**

PROPER PLACEMENT OF ENDLAP MASTIC IS CRITICAL TO WEATHER-TIGHTNESS OF ROOF AND ENDLAPS. WIPE DRY AND CLEAN THE PANEL SURFACES.

MARK LOWER PANEL AT 4" FOR TOP OF MASTIC AND 6" FOR LAP LOCATION. (**DO NOT USE PENCIL**) SLIDE BACKUP PLATE ONTO LOWER PANEL.

APPLY PRECUT TAPE MASTIC, START AT CORNER OF MALE RIB AND FINISH AT TOP OF FEMALE RIB. LEAVE PAPER BACKING ON MASTIC UNTIL UPPER PANEL HAS BEEN PLACED. MASTIC WILL NOT COVER DIMPLES OF LOWER PANEL.

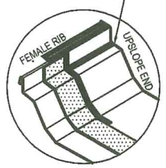
APPLY BUTYL CAULK UPSLOPE OF TAPE MASTIC IN RIB LOCATIONS AS SHOWN. (BOTH MALE AND FEMALE RIBS)

AFTER ALL SEALANTS ARE IN PLACE, HOOK THE UPPER PANEL ONTO PREVIOUS PANEL, ALIGNING PANEL ALONG THE 6" LAP MARK ON LOWER PANEL. BOW THE PAN OF THE UPPER PANEL UP AND TUCK THE MALE RIB UNDER THE HOOK OF THE LOWER PANEL. **NOTE: THE NOTCHES MUST BUTT TIGHT TO AVOID A POTENTIAL LEAK. NO GAP!** PEEL PAPER BACKING OFF MASTIC AND FASTEN ENDLAP AS SHOWN. FASTENERS MUST PASS THROUGH MASTIC.

**PRIOR TO INSTALLING NEXT LOWER PANEL, CAULK THE MALE LEG ENDLAP NOTCH AREA WITH BUTYL CAULK AS SHOWN ABOVE.**

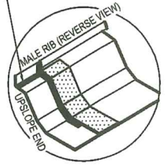
REPEAT PROCESS SUBSEQUENT ENDLAPS.


PLACE A BEAD OF BUTYL TUBE CAULK AS SHOWN ON FEMALE RIB. ADJACENT TO, AND UPSLOPE FROM THE ENDLAP MASTIC.

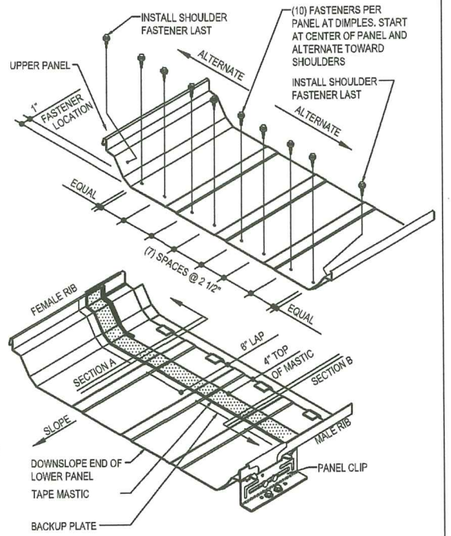



SECTION A


PLACE A BEAD OF BUTYL TUBE CAULK AS SHOWN ON MALE RIB. ADJACENT TO, AND UPSLOPE FROM THE ENDLAP MASTIC.




SECTION B




## PANEL ENDLAP DETAIL

ENDLAP DETAIL WITH STRAIGHT OR STAGGERED ENDLAPS
(SEE ROOF SHEETING PLAN)
NOTE: INSULATION AND THERMAL BLOCKS NOT SHOWN FOR CLARITY

# STANDING SEAM 360 ROOF PANEL (SS360)

| NO. | REVISION | MADE CH'D. | DATE |
|---|---|---|---|

ENGINEER'S SEAL

8/9/21

ENGINEER'S NAME: JEFFREY C. WALSH

ENGINEER'S STATE REGISTRATION NUMBER: 41487


AMERICAN BUILDINGS COMPANY
PO BOX 1006, 200 WHITSTONE RD.
SWANSEA, SC 29160 PHONE: (803)
568-2100 FAX: (803) 568-2121


| SCALE: NOT TO SCALE | DRAWN BY: SLF | CHECKED BY: EGB | DESIGN APP'D. BY: JCW | ISSUED DATE: | DATE 04-16-21 | 07-07-21 | 8/9/21 |
|---|---|---|---|---|---|---|---|

DRAWING #: MD-S3P24 Pg. 4 of 6

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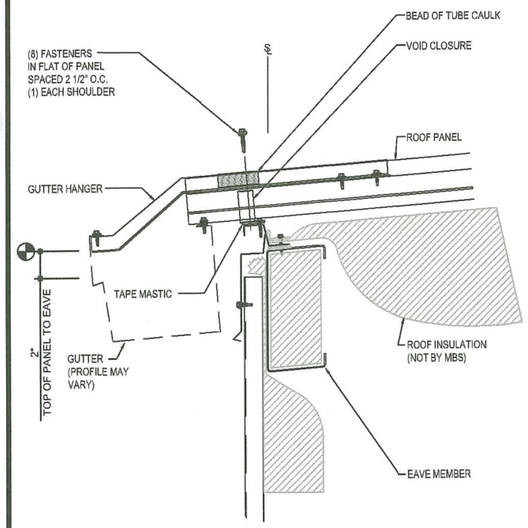
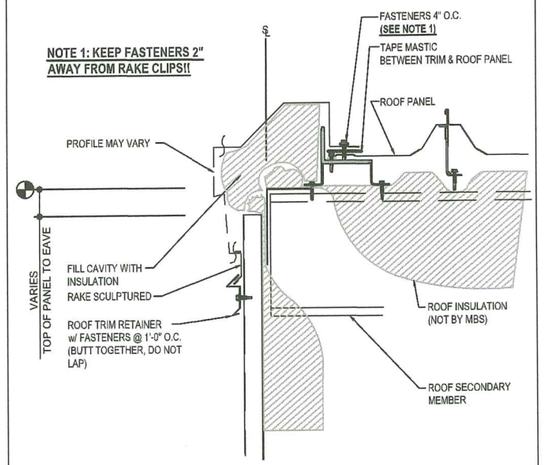
Expiration Date 10/27/2026
By Hey A. Mesa
Miami Dade Product Control



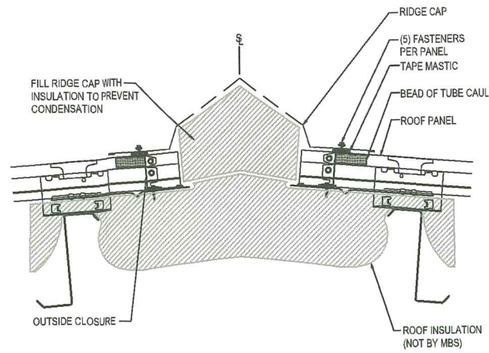

## EAVE DETAIL

EAVE DETAIL w/ WALL PANELS
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS



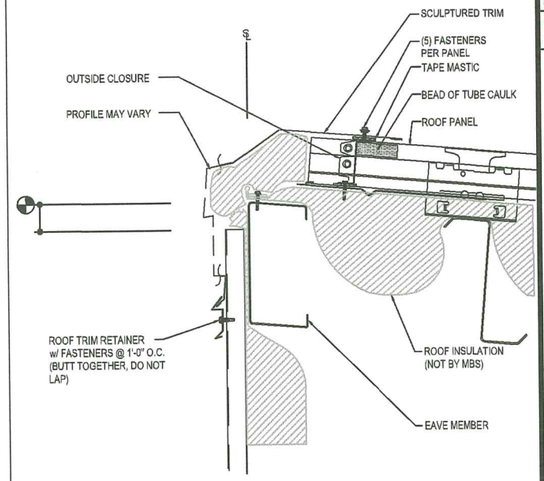

## RAKE SCULPTURED DETAIL

RAKE SCULPTURED DETAIL w/ WALL PANELS
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS




## RIDGE TRIM DETAIL

RIDGE TRIM DETAIL




## HIGH EAVE SCULPTURED DETAIL

HIGH EAVE SCULPTURED DETAIL w/ WALL PANELS
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

| NO. | REVISION | MADE | CK'D. | DATE |
|---|---|---|---|---|
| | | | | |

# STANDING SEAM 360 ROOF PANEL (SS360)

ENGINEER'S SEAL:

8/9/21

| SCALE: NOT TO SCALE | DATE |
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| DRAWN BY: ELF | 04-15-21 |
| CHECKED BY: EGB | 07-07-21 |
| DESIGN APP'D. BY: JCW | 8/9/21 |
| ISSUED DATE: | |

ENGINEER'S NAME: JEFFREY C. WALSH

ENGINEER'S STATE REGISTRATION NUMBER: 41467

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DRAWING #: MD-S3P24 Pg. 5 of 6

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# VALLEY CONDITION ERECTION NOTES

1) INSTALL THE EAVE ANGLES AND EAVE PLATES AS SHOWN AT RIGHT. CAULK THE EAVE PLATES AT THE CORNER WITH H3152 TUBE CAULK.

2) AFTER THE INSTALLATION OF THE EAVE ANGLES AND EAVE PLATES, AND BEFORE THE ROOF PANEL INSTALLATION, START AT THE LOW EAVE AND PLACE THE INSULATION PAN IN THE VALLEY AND FASTEN WITH (1) FASTENER AT EACH PURLIN. FIELD MITER THE INSULATION PAN AT THE EAVE PLATE. LAP THE INSULATION PANS 2" AND FASTEN WITH (4) FASTENERS.

3) INSTALL THE INSULATION OVER THE INSULATION PAN. FASTEN WITH SCREWS AND INSULATION WASHERS AS REQUIRED.

4) BEFORE ROOF PANEL INSTALLATION, START AT THE LOW EAVE AND PLACE THE HAT CHANNEL SECTIONS ON BOTH SIDES OF THE VALLEY, 1'-8" FROM THE CENTERLINE AS SHOWN. FASTEN TO EACH PURLIN WITH (2) FASTENERS.

5) CENTER THE VALLEY PLATE OVER THE HAT SECTIONS. AT THE EAVE & RIDGE, EXTEND THE PLATE TO THE EDGE OF THE ROOF PANEL, FIELD CUTTING AS REQUIRED. FASTEN VALLEY PLATE TO HAT CHANNEL INSIDE PANEL RIB WITH (1) FASTENER AS SHOWN BELOW. LAP THE VALLEY PLATE 2" & FASTEN WITH (2) FASTENERS.

6) PLACE THE DIVERTER FLASH OVER THE VALLEY PLATE AND TEMPORARILY FASTEN WITH (1) SCREW AT THE OUTSIDE CORNERS OF THE VALLEY PLATE. (DO NOT USE THE VALLEY AS A WALKWAY OR A WORK PLATFORM).

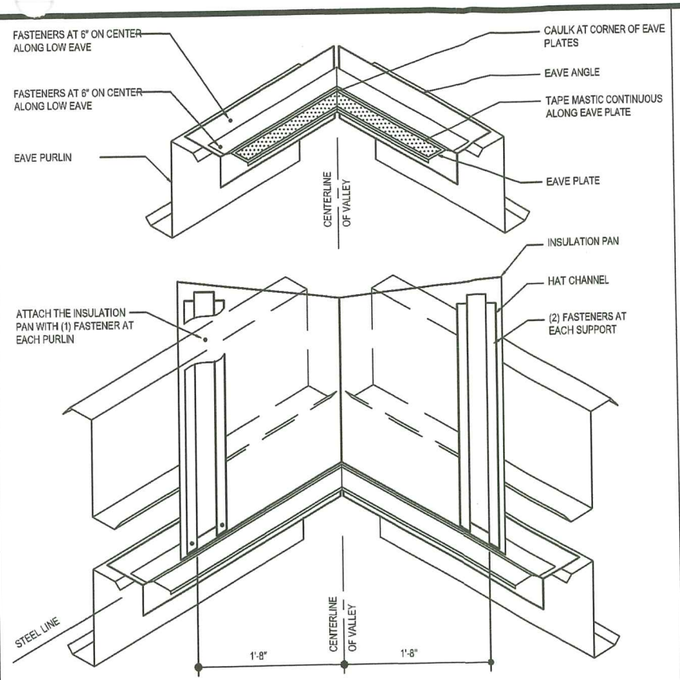
7) INSTALL TAPE MASTIC ON THE DIVERTER FLASH 7 1/2" FROM THE CENTER OF THE PLATE AS SHOWN. DO NOT REMOVE PAPER BACKING UNTIL READY TO SET PANEL. ALSO APPLY A BEAD OF BUTYL TUBE CAULK FOR THE FLAT OF THE PANEL ALONG THE TAPE MASTIC.
PLACE ADDITION 12" PIECE OF MASTIC AT CLOSURE LOCATION.

8) INSTALL THE ROOF PANELS - CUTTING ENDS AT THE ANGLE REQUIRED. CUT PANELS 7" FROM THE CENTER OF THE VALLEY PLATE. (NOTE: KEEP METAL SHAVINGS OUT OF MASTIC AND PANEL SIDELAP.) REMOVE TEMPORARY DIVERTER FASTENER IF NEEDED.

9) INSTALL THE METAL VOID CLOSURE.
-AS THE PANELS ARE BEING INSTALLED, REMOVE THE PAPER BACKING FROM THE TAPE MASTIC AND SEAT THE VOID CLOSURE IN THE MASTIC PERPENDICULAR TO THE PANEL PANEL RIB AND FASTEN WITH TWO H1020 SCREWS.
-APPLY TAPE MASTIC, AND A BEAD OF TUBE CAULK ON THE CLOSURE. SEE DETAIL BELOW.

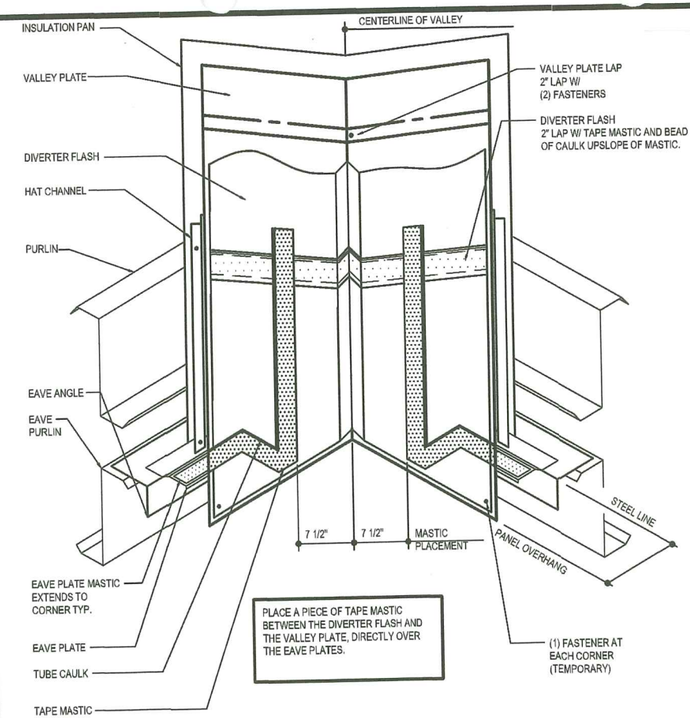
10) BEFORE THE NEXT PANEL IS INSTALLED, APPLY A BEAD OF TUBE CAULK TO THE MALE SIDE OF THE PANEL FROM THE LOW END OF THE PANEL UP 6" TO ENSURE WEATHERTIGHTNESS, AS SHOWN IN THE CAULK DETAIL.

11) FASTEN WITH SCREWS, 2 1/2" O.C. OVER THE TAPE MASTIC, (8 1/4" FROM THE CENTER OF THE DIVERTER FLASH TO THE CENTER OF THE FASTENERS). TAKE SPECIAL CARE AT THIS POINT TO MAINTAIN PANEL MODULARITY.



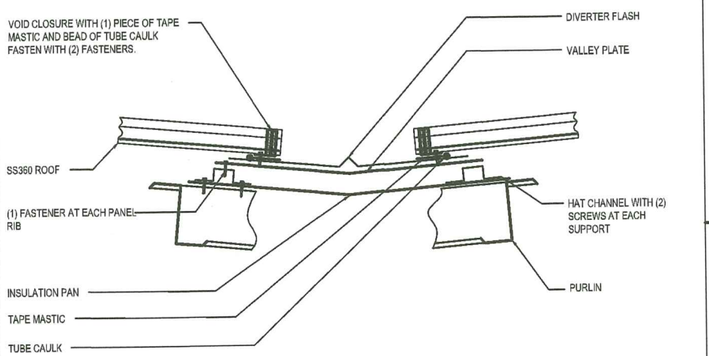

## INSULATION PAN, EAVE PLATE, AND HAT CHANNEL DETAIL AT LOW EAVE CORNER

SEE ERECTION NOTES 1 2, 3 AND 4

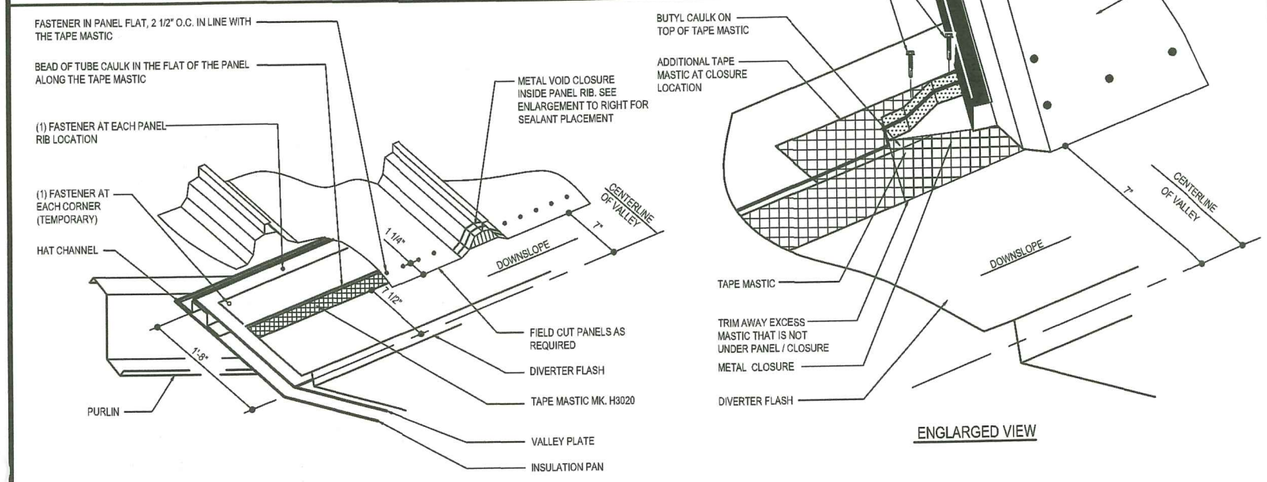



## VALLEY PLATE AND DIVERTER FLASH DETAIL AT LOW EAVE CORNER

SEE ERECTION NOTES 5, 6 AND 7




## SS360 VALLEY FINAL ASSEMBLY DETAIL

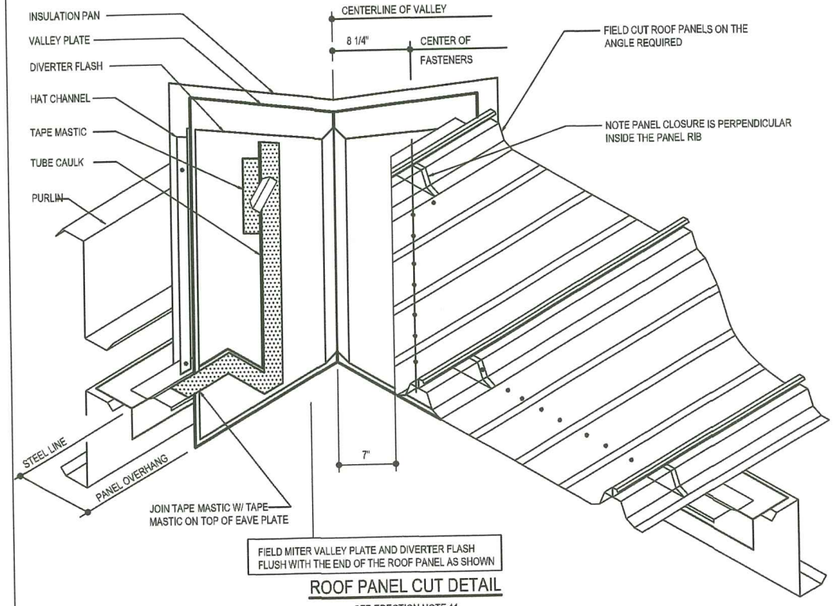



## MASTIC AND VOID CLOSURE DETAIL AT VALLEY

SEE ERECTION NOTES 8, 9 AND 10




ENGLARGED VIEW




## ROOF PANEL CUT DETAIL

SEE ERECTION NOTE 11

## SS360 VALLEY CONDITION

EAVE GUTTER DETAIL w/ WALL PANELS
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

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# STANDING SEAM 360 ROOF PANEL (SS360)

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8/9/21

ENGINEER'S NAME: JEFFREY C. WALSH
ENGINEER'S STATE REGISTRATION NUMBER: 41467

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