



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

Tremco CPG, Inc.
3735 Green Road
Beachwood, OH 44122

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: TremLock VP, 0.0245" min. Structural Galvalume Steel Roof Panel

APPROVAL DOCUMENT: Drawing #E, titled " TremLock 24ga. Roof Galvalume ", sheets 1 through 7 of 7, dated November 12, 2013, last revision dated November 12, 2013, prepared, signed and sealed by Terrence E. Wolfe, P.E., 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/logo, Clinton, IL or Peachtree, GA, 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 #17-0815.01 and consists of this page 1, evidence submitted pages E-1 and E-2 as well as approval document mentioned above.

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




Helmy A. Makar
09/08/2022

NOA No. 22-0228.14
Expiration Date: 09/13/2027
Approval Date: 09/08/2022
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 13-0716.13**
 - A. DRAWINGS**
 1. *Drawing #E, titled " TremLock 24ga. Roof Galvalume ", sheets 1 through 7 of 7, dated November 12, 2013, last revision dated November 12, 2013, prepared, signed and sealed by Terrence E. Wolfe, P.E.*
 - B. TESTS**
 1. *See NOA # 12-0831.02.*
 - C. CALCULATIONS**
 1. *See NOA # 12-0831.02.*
 - D. QUALITY ASSURANCE**
 1. *By Miami-Dade County Department of Regulatory and Economic Resources.*
 - E. MATERIAL CERTIFICATIONS**
 1. *See NOA # 12-0831.02.*
 - F. STATEMENTS**
 1. *Private Labeling Agreement, dated March 26, 2012, signed by Ken Gieseke and Thomas Biller.*
- 2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-0815.01**
 - A. DRAWINGS**
 1. *None.*
 - B. TESTS**
 1. *See NOA # 17-0802.13.*
 - C. CALCULATIONS**
 1. *See NOA # 17-0802.13.*
 - D. QUALITY ASSURANCE**
 1. *By Miami-Dade County Department of Regulatory and Economic Resources.*
 - E. MATERIAL CERTIFICATIONS**
 1. *See NOA # 17-0802.13.*
 - F. STATEMENTS**
 1. *Private Labeling Agreement, dated 03/21/17, by Ken Gieseke and Richard Grybos.*
 2. *FBC, 2017 Edition compliance letter, dated June 25, 2018, prepared by Force Engineering & Testing, Inc., signed & sealed by Terrence Wolfe, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 22-0228.14
Expiration Date: 09/13/2027
Approval Date: 09/08/2022

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*

B. TESTS

1. *See NOA #22-0617.08.*

C. CALCULATIONS

1. *See NOA #22-0617.08.*

D. QUALITY ASSURANCE

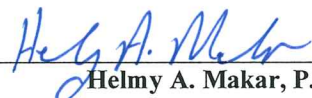
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

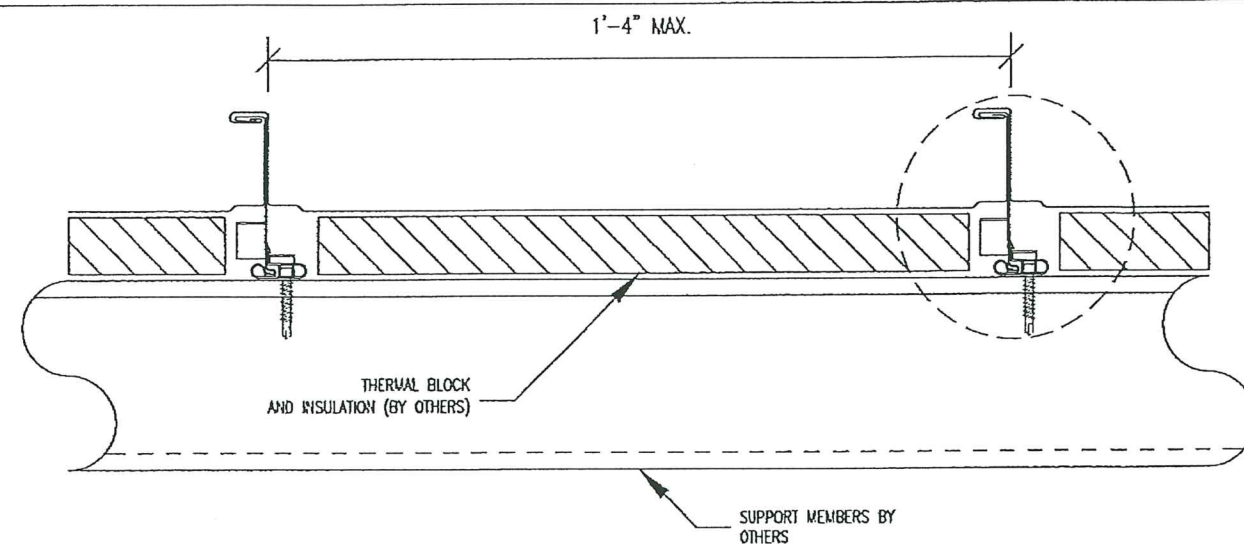
1. *See NOA #22-0617.08.*

F. STATEMENTS

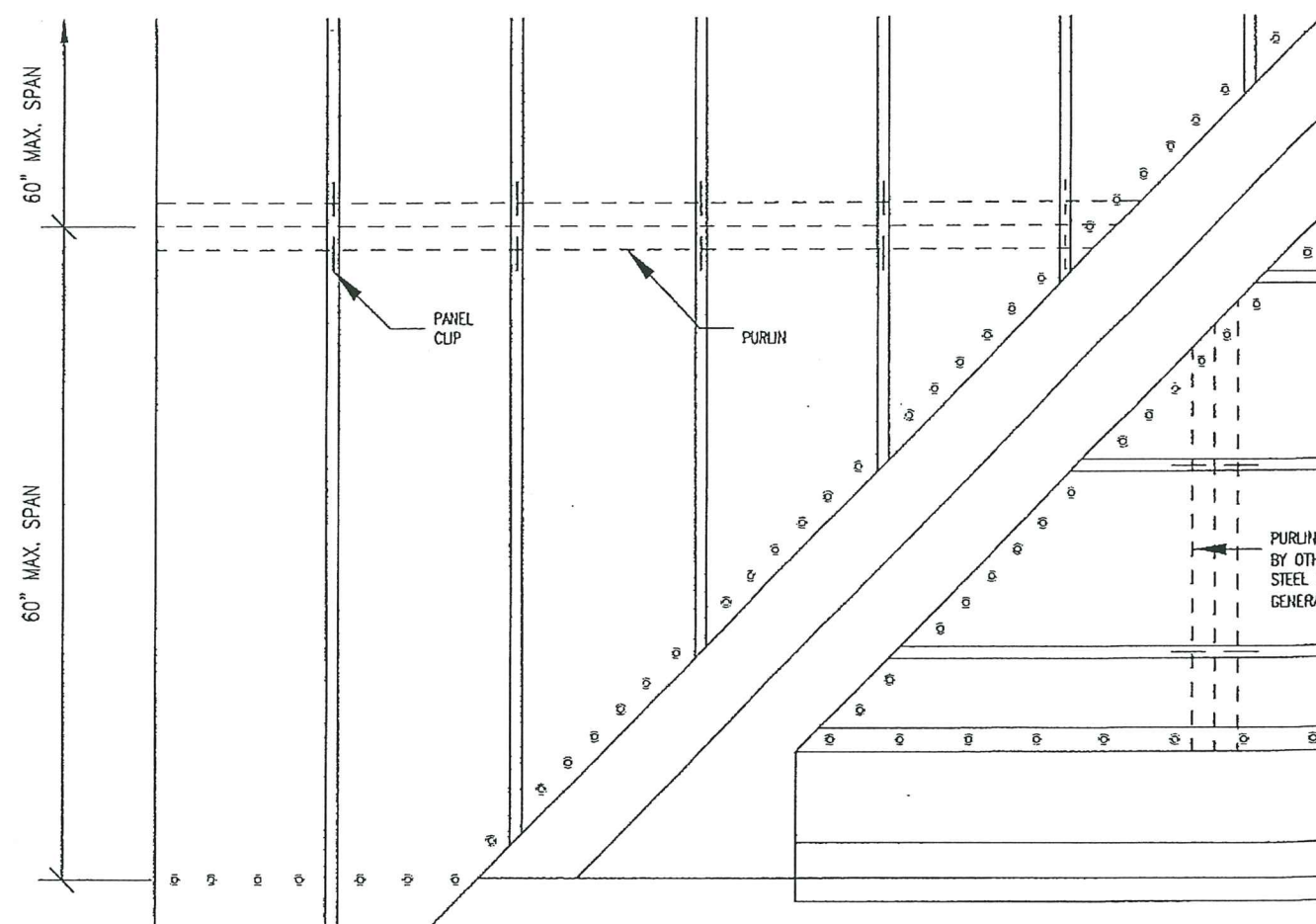
1. *Private Labeling Agreement, dated 03/21/17, by Ken Gieseke and Richard Grybos.*
2. *FBC, 2020 Edition compliance letter, dated May 23, 2022, prepared by Force Engineering & Testing, Inc., signed & sealed by Johnathan Green, P.E.*



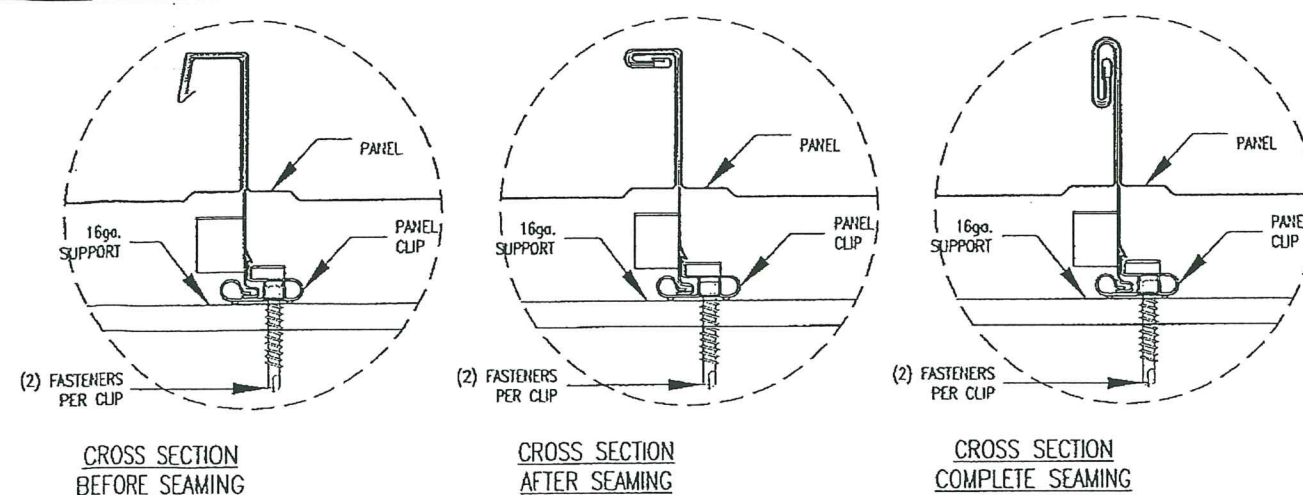
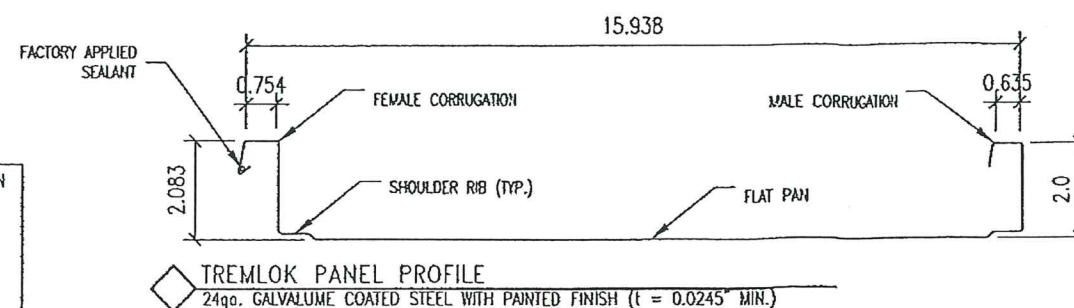
Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 22-0228.14
Expiration Date: 09/13/2027
Approval Date: 09/08/2022



SECTION "A"



TYP. ROOF PLAN



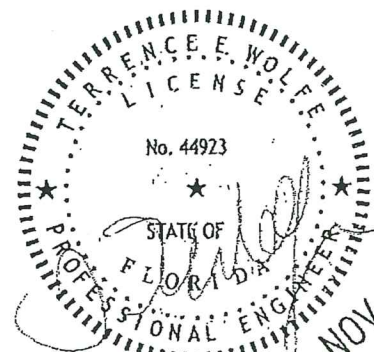
GENERAL NOTES:

- THIS STRUCTURAL ROOF PANEL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH 2010 FLORIDA BUILDING CODE (F.B.C.). THE DESIGN PRESSURES AS DETERMINED FROM SECTION 1620 AND ASCE 7-10 MUST BE MULTIPLIED BY 0.6.
- ROOF PANELS ARE FABRICATED FROM A MAX. 22.25" WIDE COIL & SHALL BE 24ga. (t=0.0245") ASTM 792 GRADE D STEEL WITH A SILICONIZED POLYESTER COATING APPLIED. EFFECTIVE COVERING WIDTH OF PANEL = MAX. 16" FY=56.4 KSI (MIN.)
- THE ROOF PANELS SHALL BE INSTALLED OVER ROOF STRUCTURE AS SPECIFIED ON THESE DRAWINGS.
- PANEL END OVERLAPS MAY OCCUR WITHIN 12" OF SUPPORTING PURLIN WEB PROVIDING THE END LAPS ARE CONSTRUCTED, SUPPORTED & SEALED PER THE END LAP DETAILS ON SHEET 6
- REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED FOR EACH PROJECT.
- THIS ROOFING PANEL SYSTEM HAS BEEN TESTED IN ACCORDANCE WITH FLORIDA BUILDING CODE:
 - * ACCELERATED TESTING OF COATING PER ASTM G153
 - * SALT SPRAY TESTING PER ASTM B117
 - * UPLIFT RESISTANCE TEST PER TAS-125 & ASTM E1592
 - * WIND DRIVEN RAIN & STANDING WATER TEST PER TAS-100 & TAS 114
 - * TENSILE TESTS PER ASTM E8
- ROOF PANEL MANUFACTURER'S PERMANENT LABEL SHALL BE PLACED AT THE END OF EACH PANEL RUN AND SHALL READ: TREMCO ROOFING & BUILDING MAINTENANCE CLINTON, IL & PEACHTREE CITY, GA. MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED
- ALL SCREWS SHALL BE CORROSION RESISTANT SELF DRILLING SCREWS.
- THE SUPPORTING STRUCTURE, OVER WHICH THE PANELS ARE TO BE INSTALLED, MUST BE MINIMUM 16 GAGE (MIN. 0.0598") STEEL WITH MIN. FY = 50 KSI.
- MAXIMUM POSITIVE AND NEGATIVE DESIGN LOADS FOR 24 GA. PANEL WITH 90° OR 180° SEAM IN THE ROOF FIELD, PERIMETER AND CORNER ZONES SHALL BE THE LOWEST DESIGN LOAD CALCULATED BASED ON THE PANEL ALLOWABLES AND CLIP TYP SHOWN. MAXIMUM ALLOWABLE DEFLECTION LIMIT = L/240.

PANEL ALLOWABLES	FOR POSITIVE LOAD *	FOR UPLIFT LOAD *	
	ALL SEAM TYPES	90° SEAM	180° SEAM
M (SUPPORT) (lb.ft./ft)	125	86	111
M (SPAN) (lb.ft./ft)	100	69	89
REACTION (lb/ft)	275	189	244
EI (lb.in ³ /ft)	4074248	1654505	2246583

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 22-0228.14
Expiration Date 09/13/2027
By *Heidi A. Miller*
Miami Dade Product Control

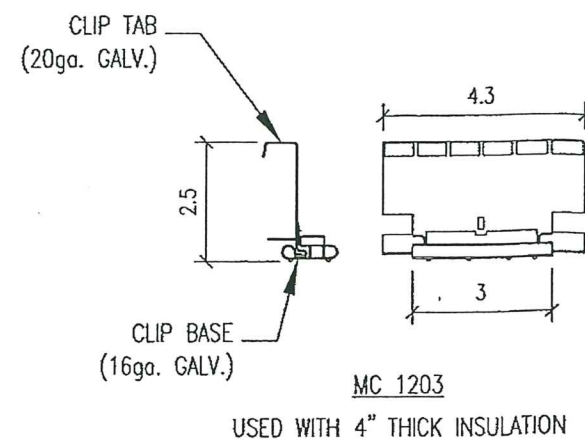
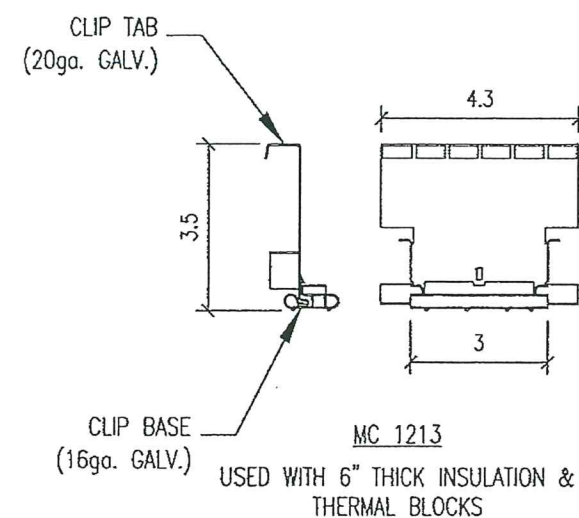
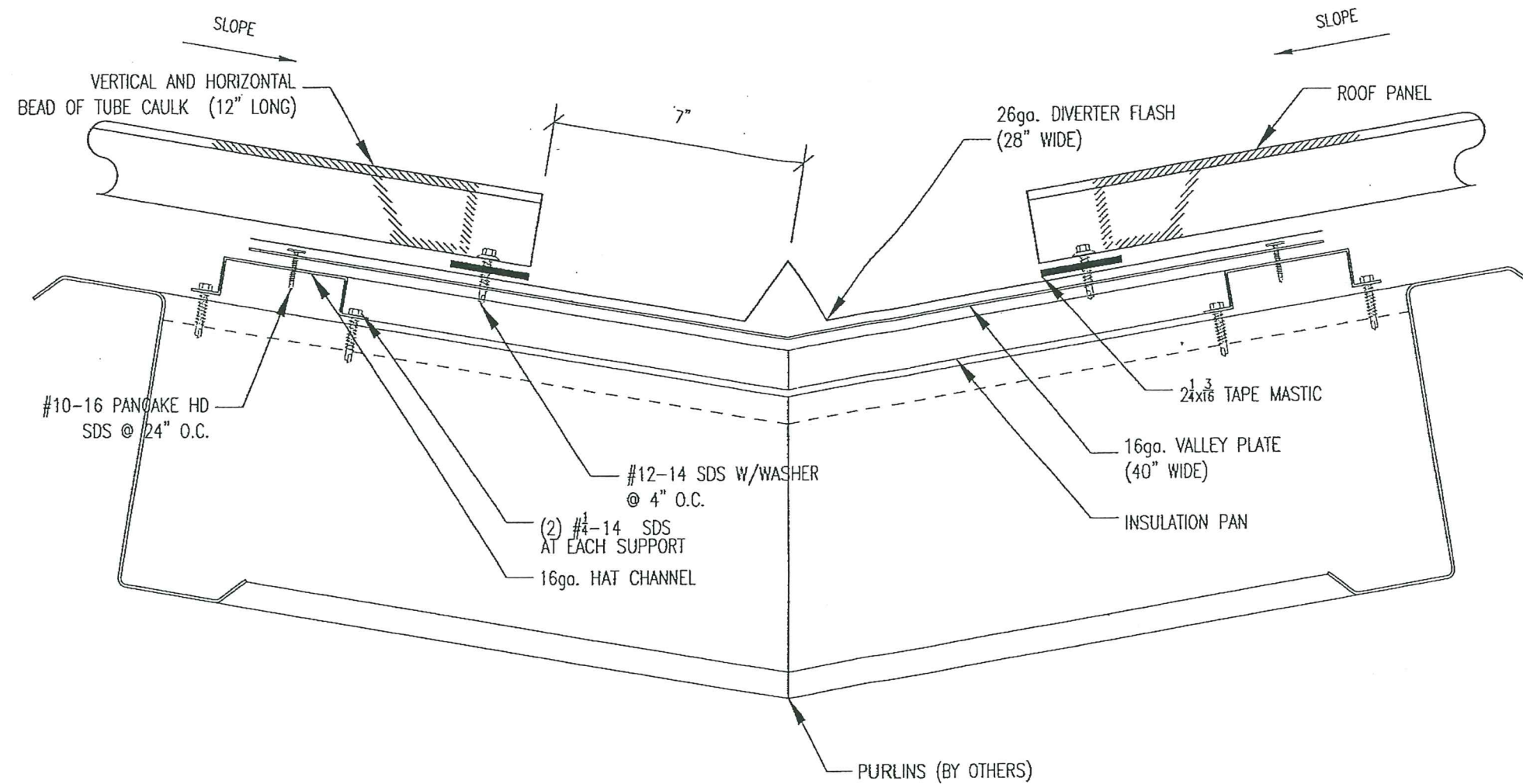
State of Florida
C.O.A.
#26778



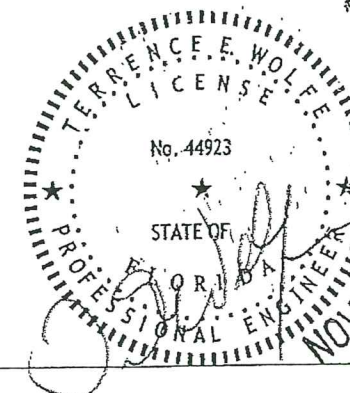
PRODUCT RENEWED as complying with the Florida Building Code Acceptance No 17-0815.01 Expiration Date 09/13/2022 By <i>Heidi A. Miller</i> Miami Dade Product Control		Approved as complying with the Florida Building Code Date 02/06/2014 NOA# 13-0716.13 Miami Dade Product Control By <i>Heidi A. Miller</i>	
MANUFACTURING ENGINEER TERRENCE E. WOLFE, P.E.		DATE 11-12-13	
FLORIDA REGISTRATION NO. 44923		DATE 11-12-13	
PROJECT TREMLock 24ga. ROOF GALVALUME		DATE 11-12-13	
LOCATION DADE COUNTY, FLORIDA		DATE 11-12-13	
PROJECT NUMBER 13-0716.13		DATE 11-12-13	
SHEET NUMBER E1 of 7		DATE 11-12-13	

PRODUCT APPROVAL IS LIMITED TO THE ROOF PANEL & ITS CONNECTION CLIPS. THE STRUCTURAL ADEQUACY OF ALL OTHER STRUCTURAL ITEMS (BEAMS, COLUMNS, PURLINS, FASCIA SUPPORTS, CONNECTIONS OF STRUCTURE, ETC.) SHALL BE VERIFIED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT. THE METAL ROOF PANELS SHALL NOT BE DESIGNED TO ACT AS A DIAPHRAGM.

NOTE: ALL FLASHING MATERIAL NOT CALLED OUT WITH A SPECIFIC GAGE THICKNESS SHALL BE MIN. 26ga.



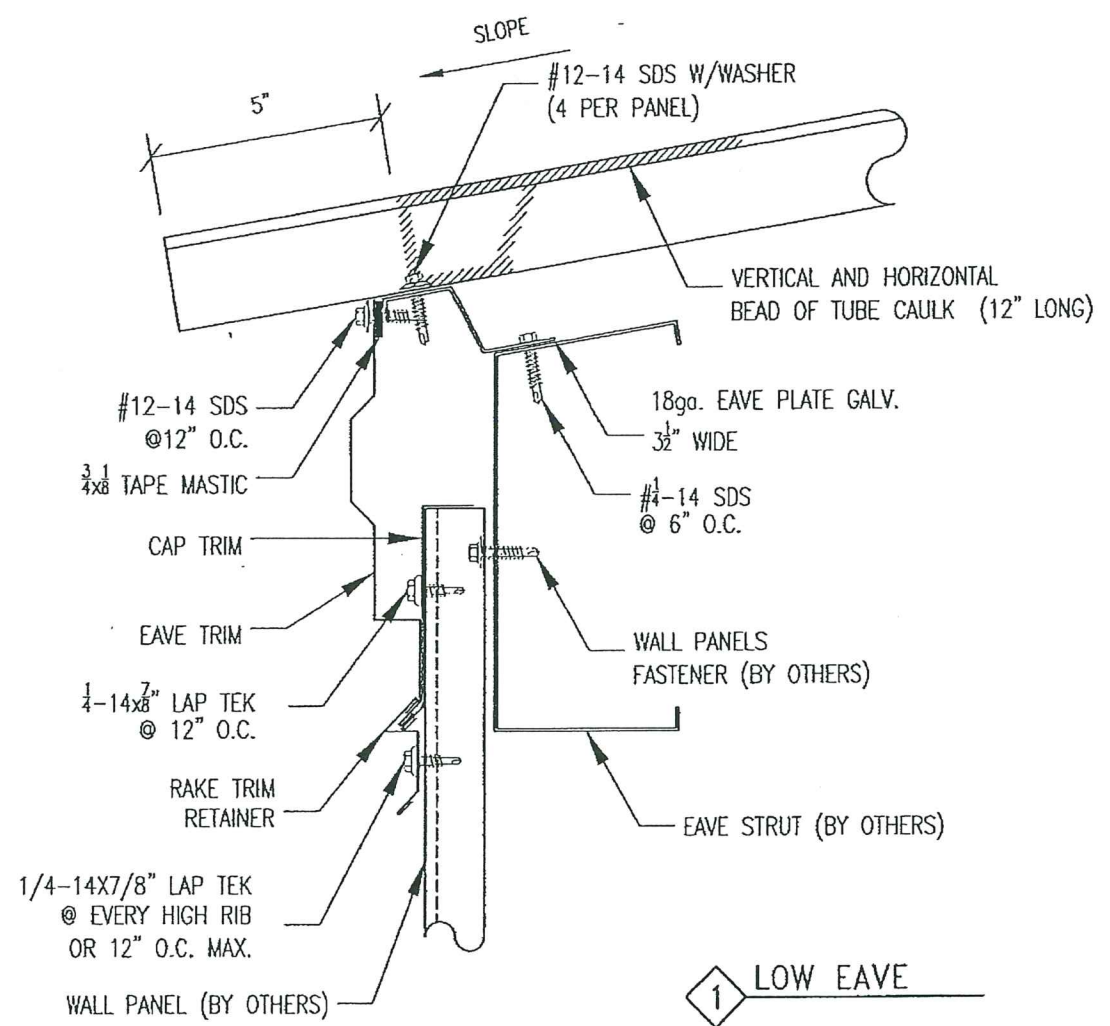
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **22-0228.14**
Expiration Date **09/13/2027**
By *Heidi A. Miller*
Miami Dade Product Control



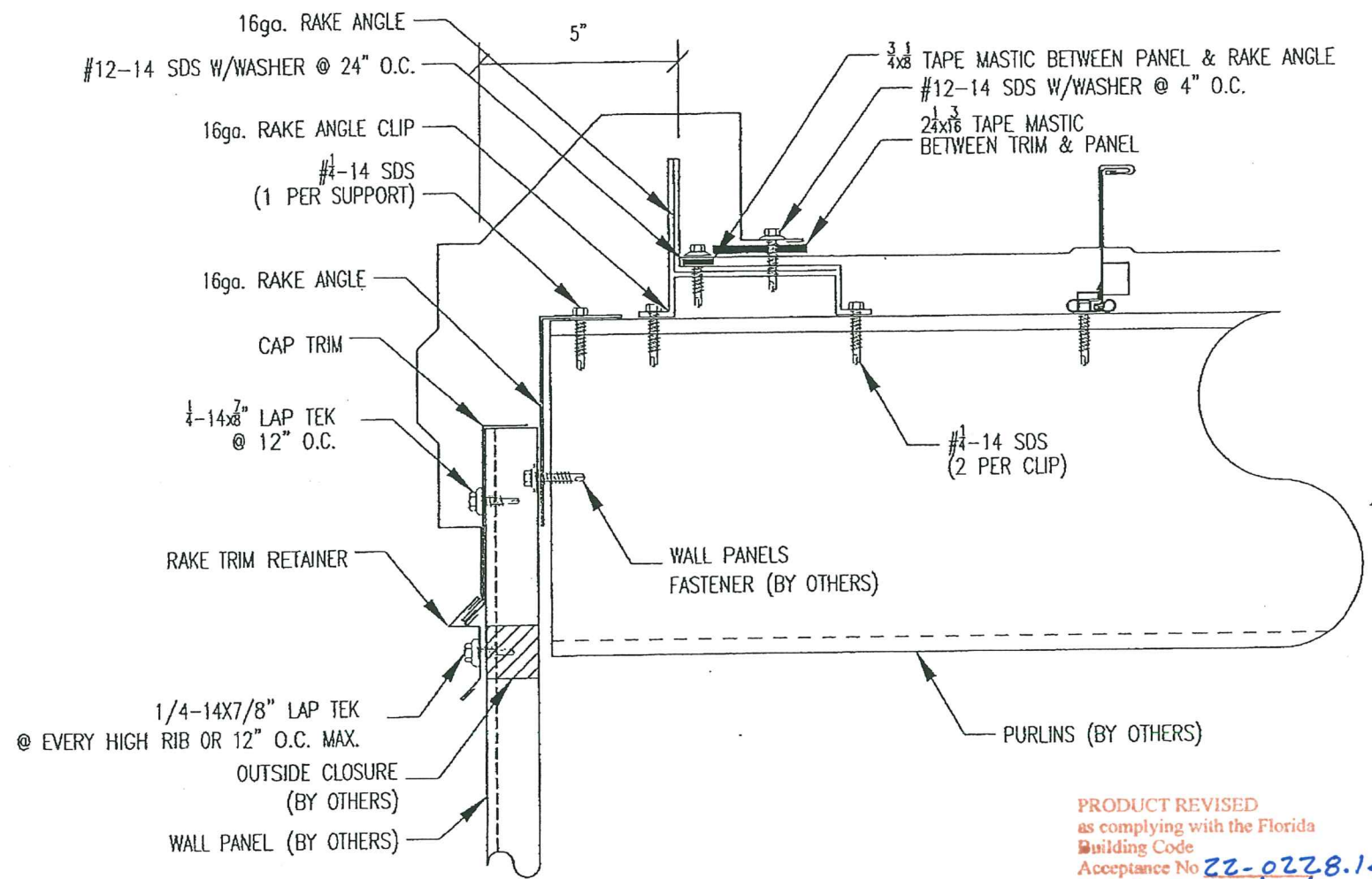
1 VALLEY

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 17-0815.01 Expiration Date 09/13/2022 By <i>Heidi A. Miller</i> Miami Dade Product Control		Approved as complying with the Florida Building Code Date 02/06/2014 NOA# 13-0716.13 Miami Dade Product Control By <i>Heidi A. Miller</i>	
State of Florida C.O.A. #2677			
TERRENCE E. WOLFE, P.E. FLORIDA REGISTRATION NO. 44923			
TREMCO ROOFING & BUILDING MAINTENANCE		REL. BY TW	DATE 11-12-13
PROJECT DADE COUNTY TESTING			
SHEET TITLE TREMLOCK 24ga. ROOF GALVALUME		DRAWN BY CHECKED BY	DATE 11-12-13 SCALE N.T.S.
LOCATION DADE COUNTY, FLORIDA		PROJECT NUMBER 13-0716.13	SHEET NUMBER E2 of 7

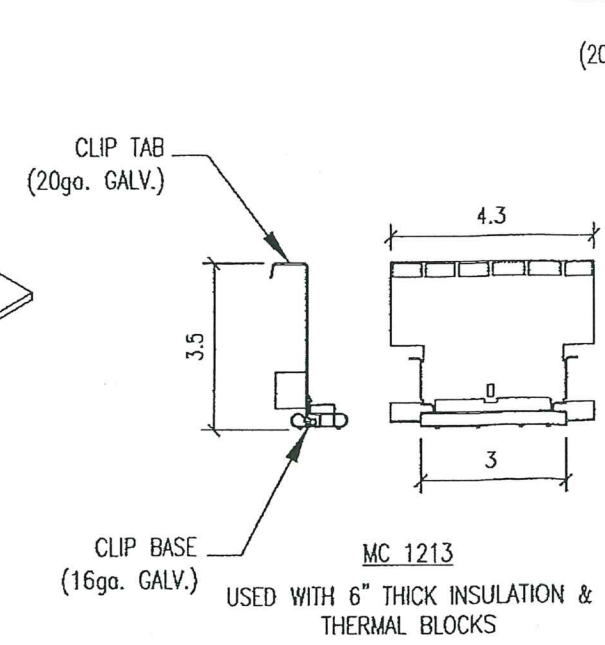
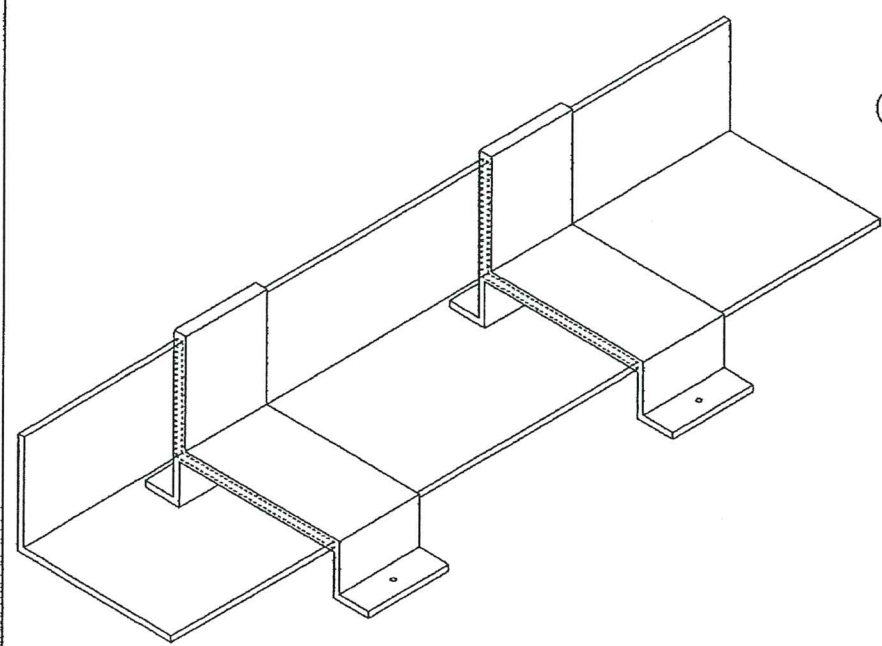
NOTE: ALL FLASHING MATERIAL NOT CALLED OUT WITH A SPECIFIC GAGE THICKNESS SHALL BE MIN. 26ga.



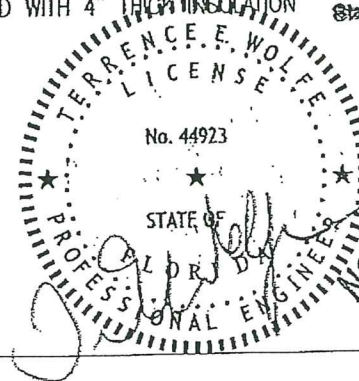
1 LOW EAVE



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 22-0228.14
Expiration Date 09/13/2027
By *Heidi A. Miller*
Miami Dade Product Control



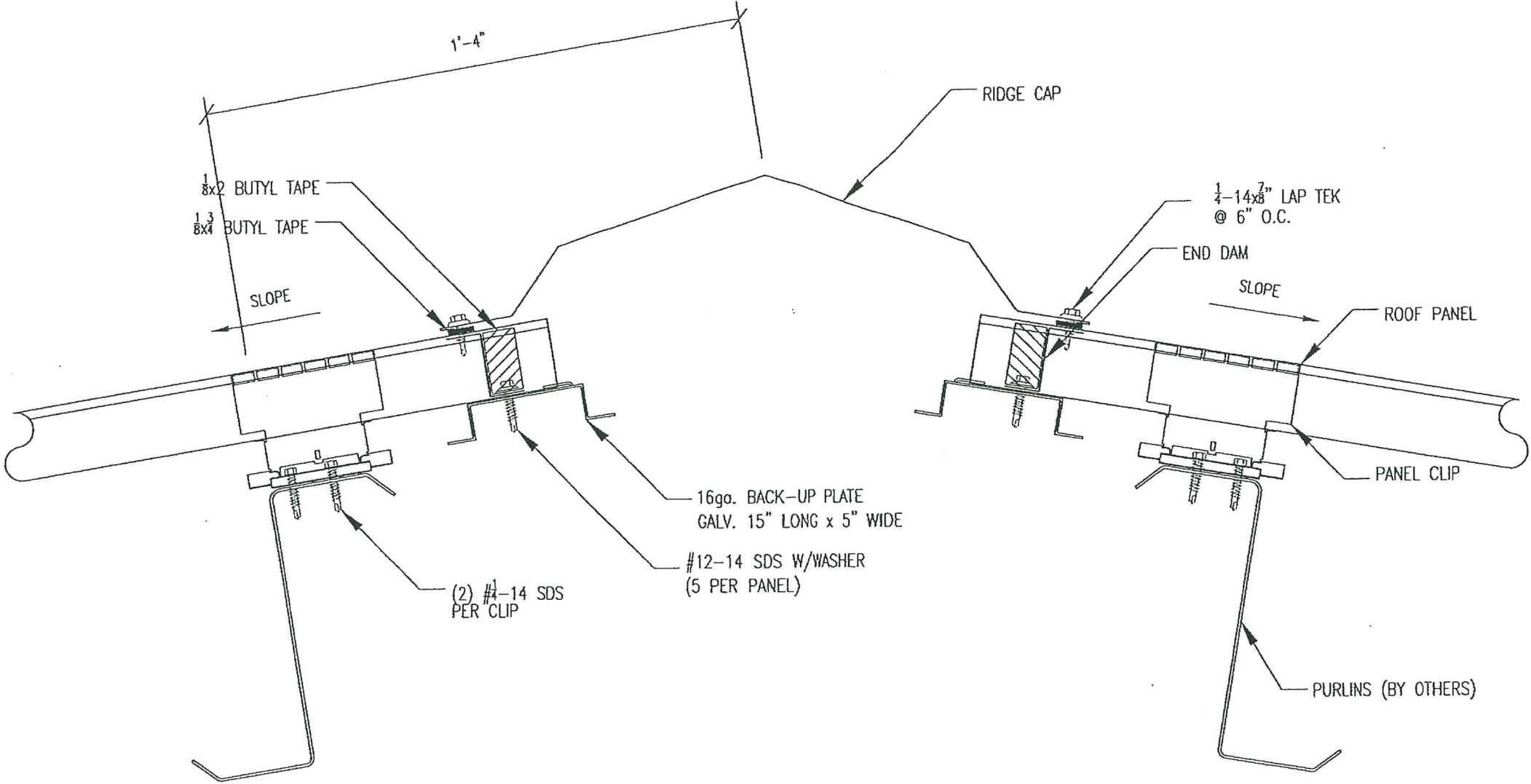
USED WITH 4" THICK INSULATION



1 RAKE

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 17-0815.01 Expiration Date 09/13/2022 By <i>Heidi A. Miller</i> Miami Dade Product Control		Approved as complying with the Florida Building Code Date 02/06/2014 NOA# 13-0716.13 Miami Dade Product Control By <i>Heidi A. Miller</i>	
MANUFACTURING DONOR State of Florida C.O.P. # 2778		TERRENCE E. WOLFE, P.E. 44923	
DADE COUNTY TESTING		DATE 11-12-13	
TREMCO ROOFING & BUILDING MAINTENANCE		SCALE N.T.S.	
DADE COUNTY TESTING		DATE 11-12-13	
TREMCO 24ga. ROOF GALVALUME		SCALE N.T.S.	
DADE COUNTY, FLORIDA		DATE 13-0716.13	
		E3 of 7	

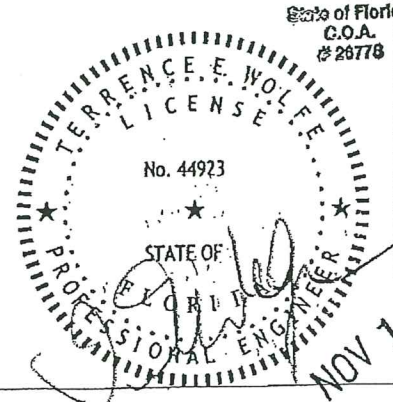
NOTE: ALL FLASHING MATERIAL NOT CALLED OUT WITH A SPECIFIC GAGE THICKNESS SHALL BE MIN. 26ga.



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 22-0228.14
Expiration Date 09/13/2027
By *H. G. A. M. W.*
Miami Dade Product Control

1 RIDGE

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 17-0815.01 Expiration Date 09/13/2022 By <i>H. G. A. M. W.</i> Miami Dade Product Control		Approved as complying with the Florida Building Code Date 02/06/2014 NOA# 13-0716.13 Miami Dade Product Control By <i>H. G. A. M. W.</i>	
FLUOROPOLYMER C.O.A. #26778		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
PROJECT		DADE COUNTY TESTING	
CHECKED BY		TREMCO 24ga. ROOF GALVALUME	
LOCATION		DADE COUNTY, FLORIDA	
DATE		11-12-13	
SIGNED		H.T.S.	
PROJECT NUMBER		13-0716.13	
SHEET NUMBER		E4 of 7	



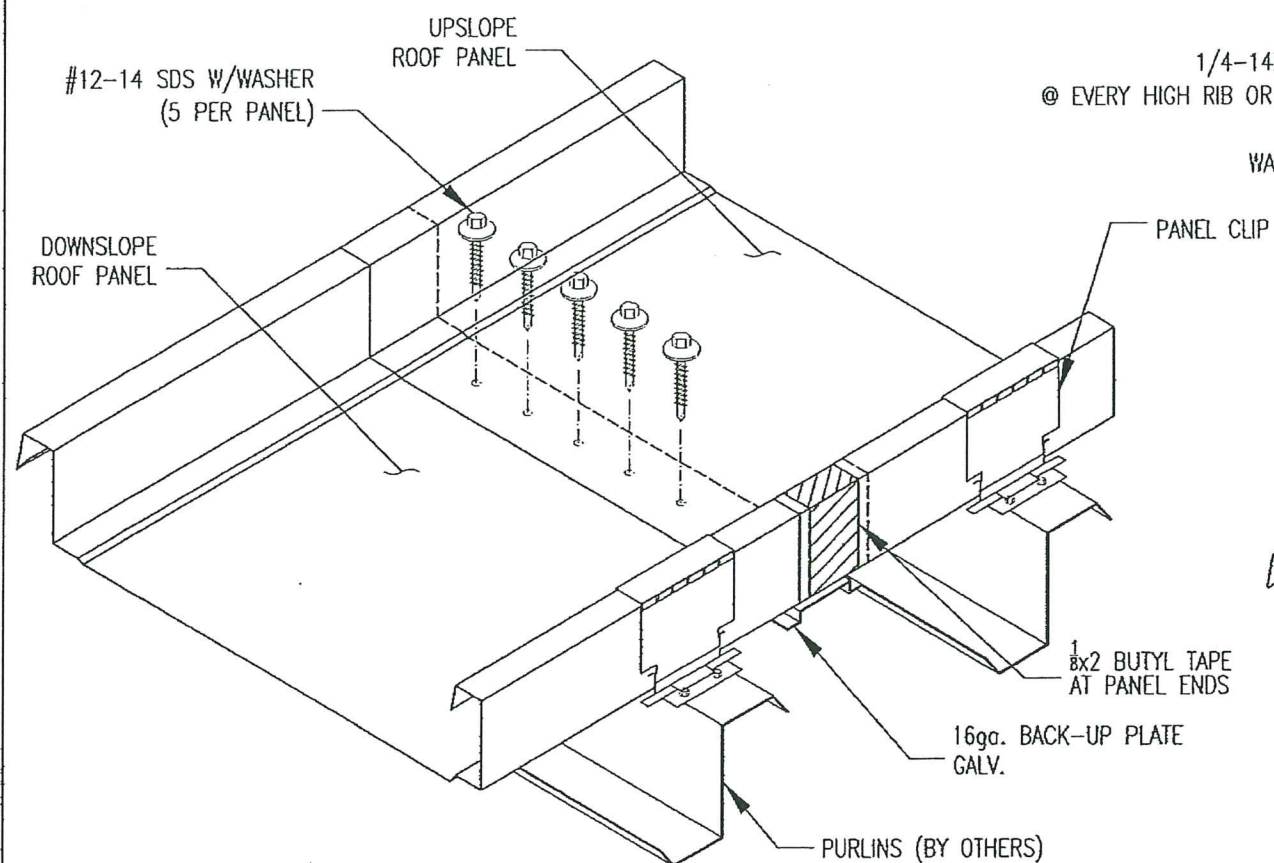
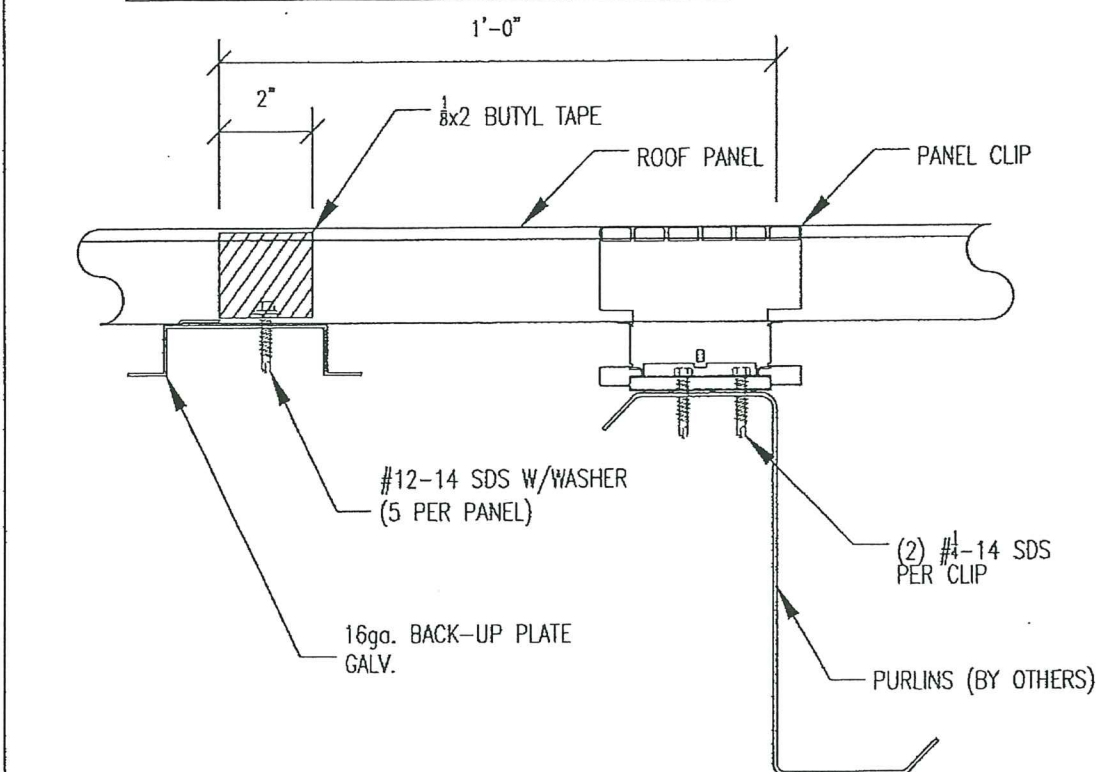
1 HIP (FIXED)

Approved as complying with the
Florida Building Code
Date 02/06/2014
NOA# 13-0716-18
Miami Dade Product Control
By Heidi H. Allen

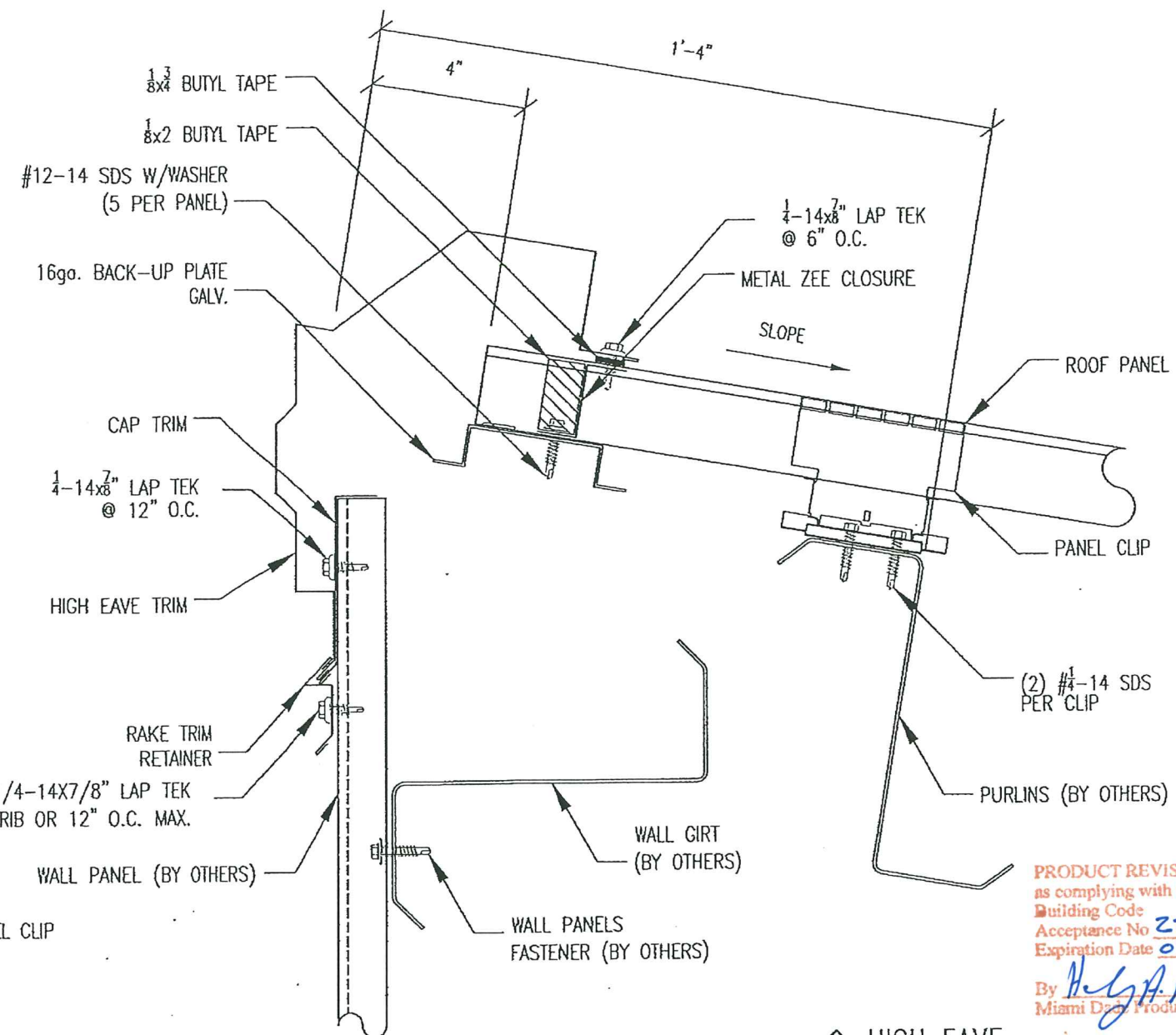
REL	BY	DESCRIPTION	DATE
	TV	FOR APPROVAL	11-12-13
BIRTH IN		DATE 11-12-13	
OCCUP IN		SCALE H.T.S.	
NEAREST RELATIVES		SHIRT NUMBER 13-071613	SHIRT NUMBER E5 of 7

TERRENCE E. WOLFE
LICENSE
No. 44923
STATE OF FLORIDA
PROFESSIONAL ENGINEER

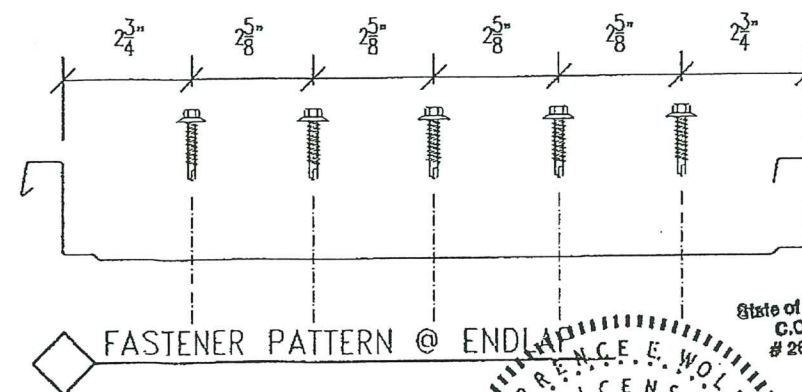
NOTE: ALL FLASHING MATERIAL NOT CALLED OUT WITH A SPECIFIC GAGE THICKNESS SHALL BE MIN. 26ga.



END LAP DETAILS



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 22-0278-14
Expiration Date 09/13/2027
By H. G. A. M. G.
Miami Dept. Product Control



FASTENER PATTERN @ ENDU

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 17-9815.01
Expiration Date 09/13/2022
By Heidi A. Miller
Miami Date Product Control

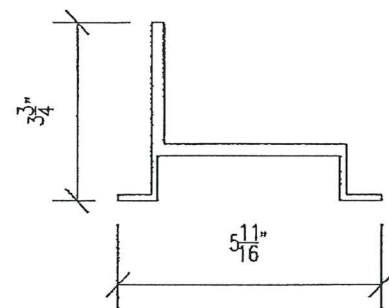
Approved as complying with the
Florida Building Code
Date 02/06/2014
NOA# 13-0716-13
Miami Dade Product Control
By [Signature]

State of Florida C.O.A. # 26779	REGISTERED DESIGNER FLORIDA REGISTRATION NO.	TERRENCE E. WOLFE, P.E. 44923
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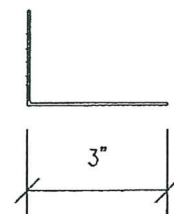
TREMCO
ROOFING & BUILDING MAINTENANCE

PROJECT	DADE COUNTY TESTING
SUBJECT TITLE	TREMLOCK 24ga. ROOF GALVALUME
LOCATION	DADE COUNTY, FLORIDA

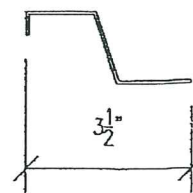
REL	BY	DESCRIPTION	DATE
	TH	FOR APPROVAL	11-12-13
WORK BY:		DATE 11-12-13	
CHECK BY:		DATE N.T.S.	
PROJECT NUMBER		ISSUING AGENCY 13-06763.13	ISSUE NUMBER E6 of



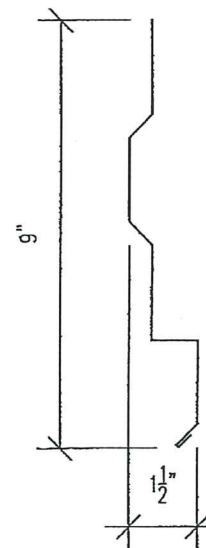
(16ga. GALV.)
RAKE ANGLE CLIP
H2041 (SHORT)
H2051 (TALL)



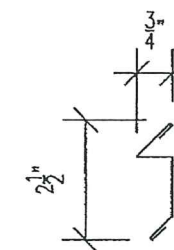
(16ga. GALV.)
RAKE ANGLE
H2041 (SHORT)
H2051 (TALL)



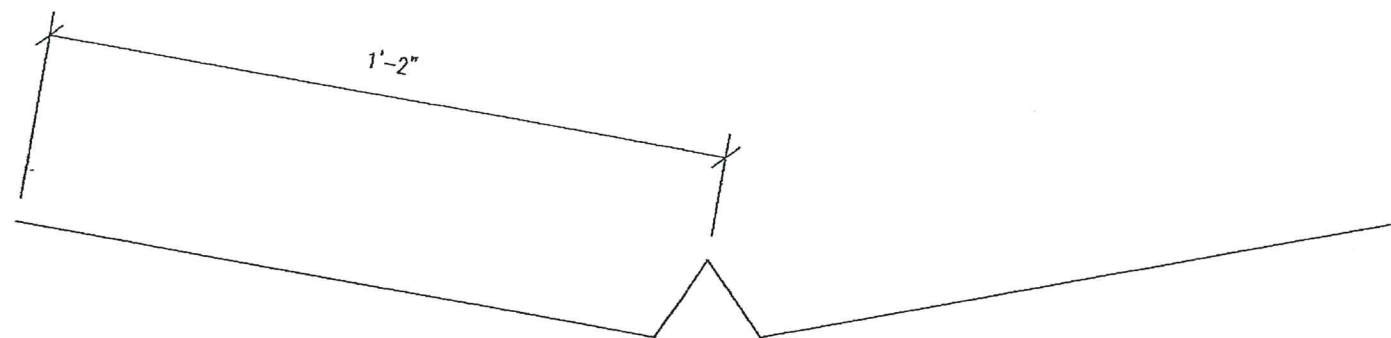
(18ga. GALV.)
EAVE PLATE



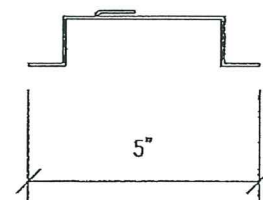
(26ga.)
EAVE TRIM



(26ga.)
RAKE RETAINER TRIM
(RRA01)





(26ga.)
DIVERTER FLASH




(16ga. GALV.)
BACK-UP PLATE

NOTE:
ALL FLASHING MATERIAL
ALUMINUM/ZINC COATED STEEL

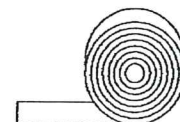
 FLASHING/PERIMETER FASTENER:
1/4-14x7/8" LAP TEK

 FLASHING/PERIMETER FASTENER:
12-14x1 1/4" SDS W/WASHER

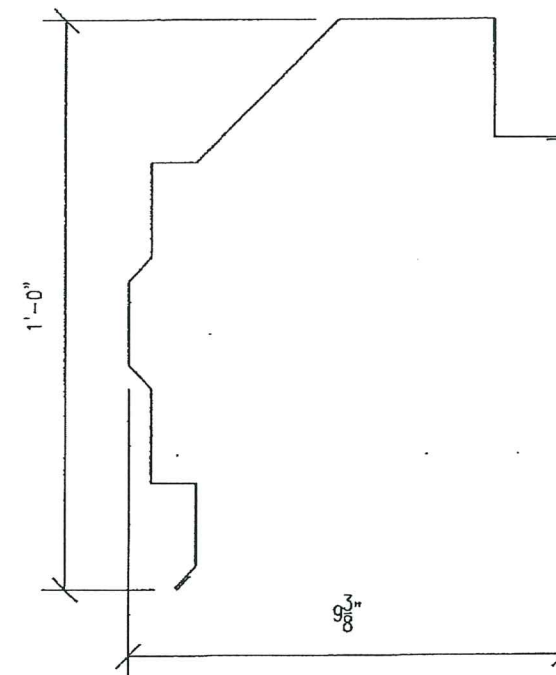
 CLIP FASTENER:
1/4-14x1 1/4" SDS



TUBE SEALANT



TAPE SEALANT:
(1/8x3/4"x50') BUTYL
(3/16x2 1/4"x20') BUTYL
(1/8x2"x22') BUTYL



(26ga. GALV.)
SCULPTURED RAKE TRIM

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 22-0228.14
Expiration Date 09/13/2027
By *Healy A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
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Building Code
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Expiration Date 09/13/2022
By *Healy A. Miller*
Miami Dade Product Control

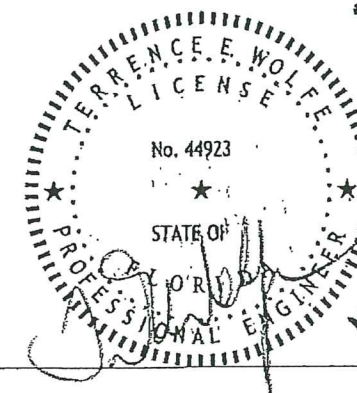
Approved as complying with the
Florida Building Code
Date 02/06/2014
NOAH 13-0716.13
Miami Dade Product Control

By *Healy A. Miller*
Miami Dade Product Control

State of Florida
C.O.E.
2678

TERRENCE E. WOLFE, P.E.

FLORIDA REGISTRATION NO. 44923



REL		BY	DESCRIPTION	DATE
REV		BY	FOR APPROVAL	11-12-13
PROJECT				
DADE COUNTY TESTING				
SHEET NO.				
TREMCO 24ga. ROOF GALVALUME				
LOCATION				
DADE COUNTY, FLORIDA				
DATE				11-12-13
SCALE				N.T.S.
PROJECT NUMBER				13-0716.13
SHEET NUMBER				E7 of 7