



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)

Tremco, 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 R Plus" 0.023" (min.) Steel Structural Roof Panel

APPROVAL DOCUMENT: Drawing No. E, titled " Tremlock R Plus 24ga. Details ", sheets 1 through 5 of 5, prepared by Terrence E. Wolfe, P.E., dated November 12, 2013, last revision dated November 12, 2013, signed and sealed by Terrence E. Wolfe, P.E., 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:

1500 Hamilton Road 9700 Interstate 20 253 One Georgia Drive
Bossier City, LA 71111 Merkel, TX 79536 Ashburn, GA 31714

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
01/30/2014

NOA No. 13-0716.10
Expiration Date: 12/04/2018
Approval Date: 01/30/2014
Page 1

Tremco, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. E, titled " Tremlock R Plus 24ga. Details ", sheets 1 through 5 of 5, prepared by Terrence E. Wolfe, P.E., dated November 12, 2013, last revision dated November 12, 2013, signed and sealed by Terrence E. Wolfe, P.E.*

B. TESTS

1. *See NOA # 13-1024.02.*

C. CALCULATIONS

1. *See NOA # 13-1024.02.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

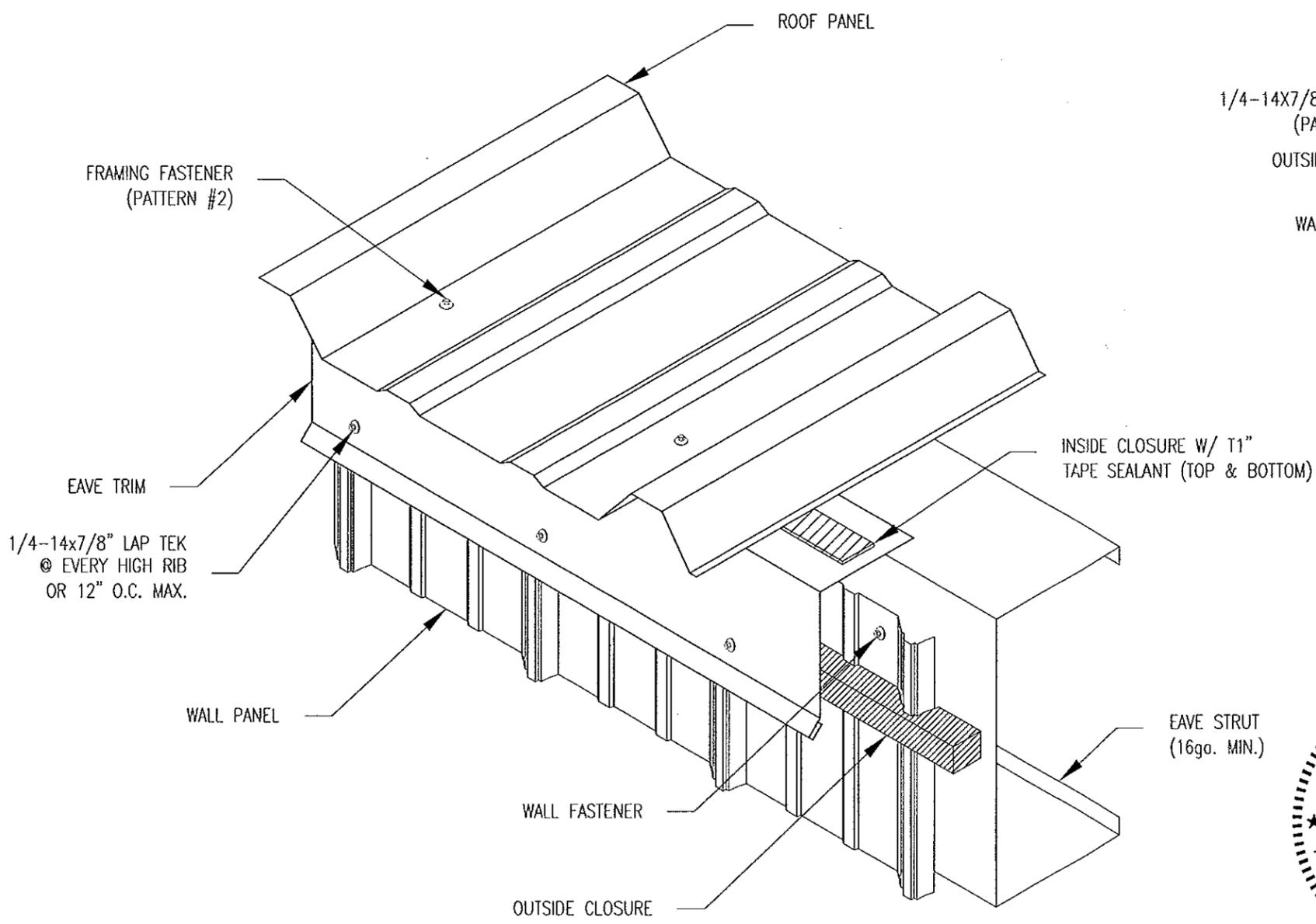
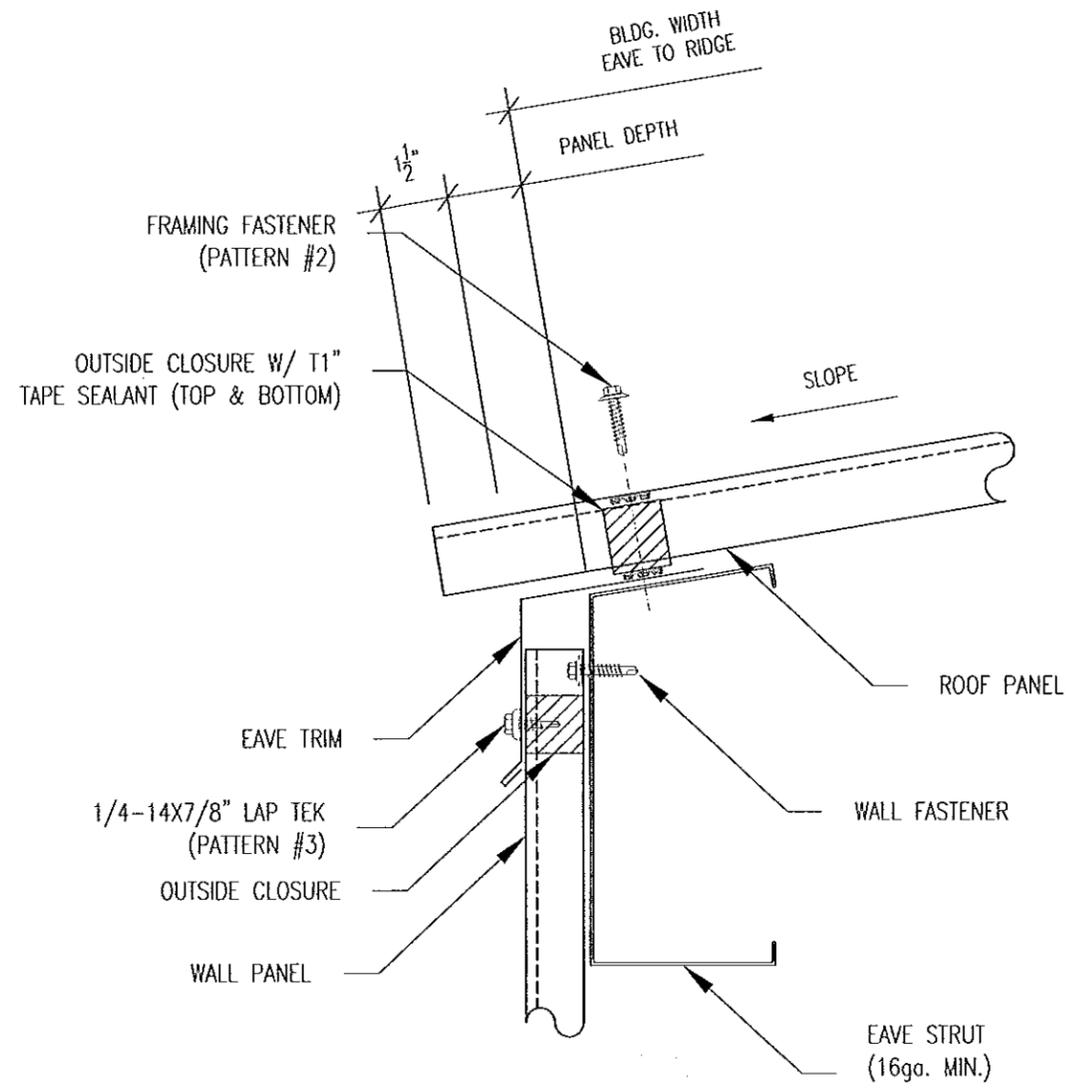
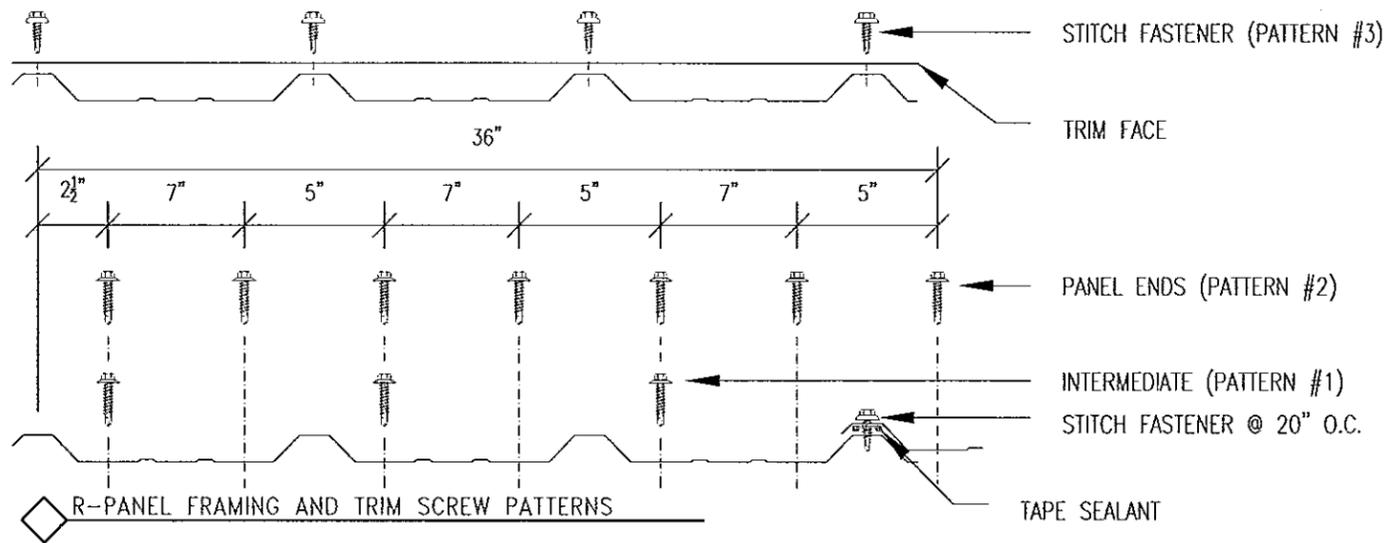
1. *See NOA # 13-1024.02.*

F. STATEMENTS

1. *Private Labeling Agreement, dated March 26, 2012, signed by Ken Gieseke and Thomas Biller.*



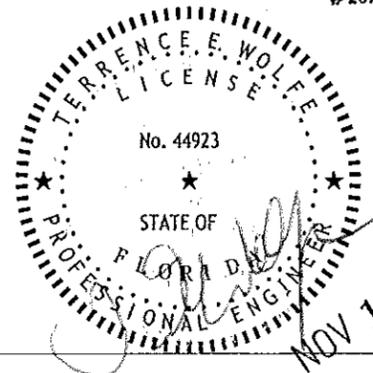
Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 13-0716.10
Expiration Date: 12/04/2018
Approval Date: 01/30/2014



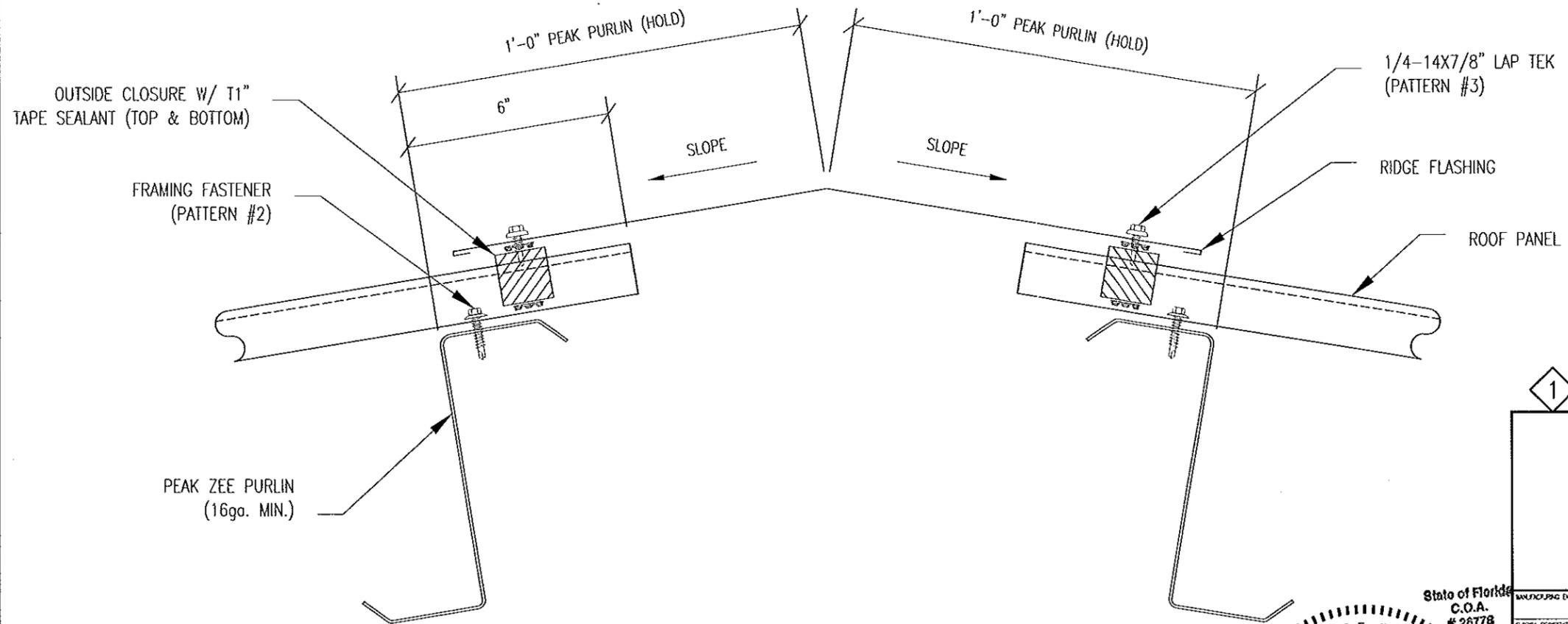
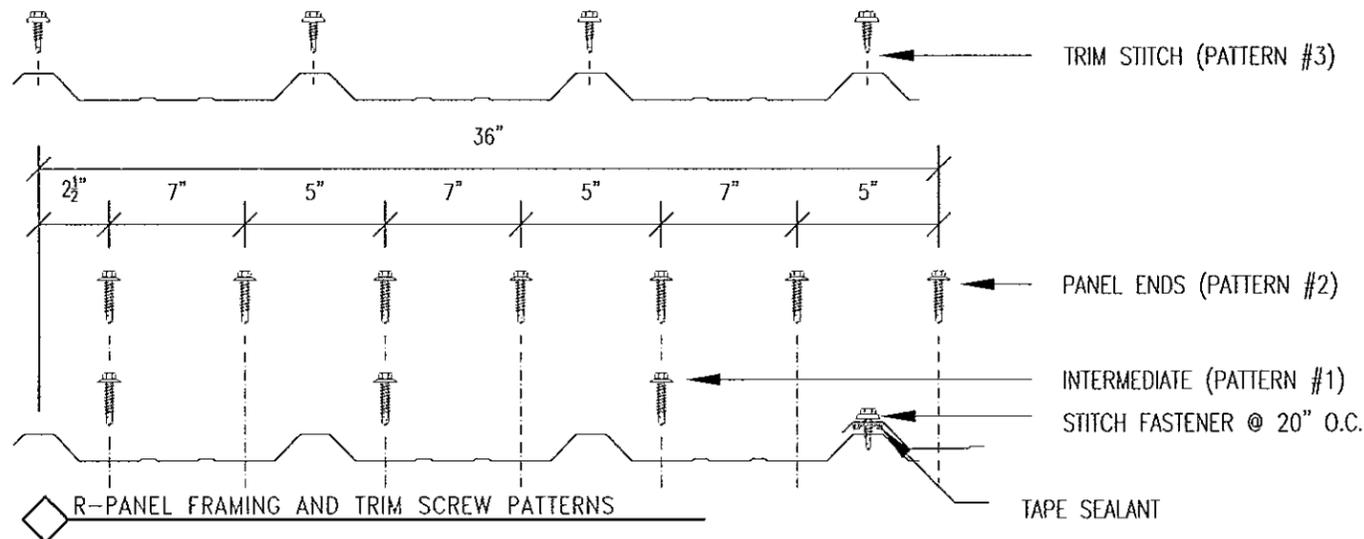
1 LOW EAVE

Approved as complying with the Florida Building Code
 Date 01/30/2014
 NOA# 13-0-116-10
 Miami Dade Product Control
 By *Heather A. Miller*

State of Florida
 C.O.A.
 # 2677
 TERRENCE E. WOLFE, P.E.
 FLORIDA REGISTRATION NO. 44923

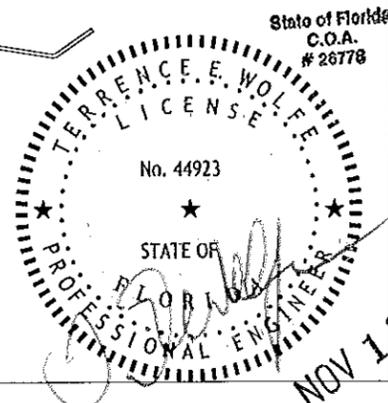


TREMCO ROOFING & BUILDING MAINTENANCE			
PROJECT	DADE COUNTY TESTING	DATE	11-12-13
SCALE	TREMLOCK "R" PLUS 24ga. DETAILS	CHECKED BY	DATE N.T.S.
LOCATION	DADE COUNTY, FLORIDA	DRAWING NUMBER	13-0716.10
		SHEET NUMBER	E1 of 5

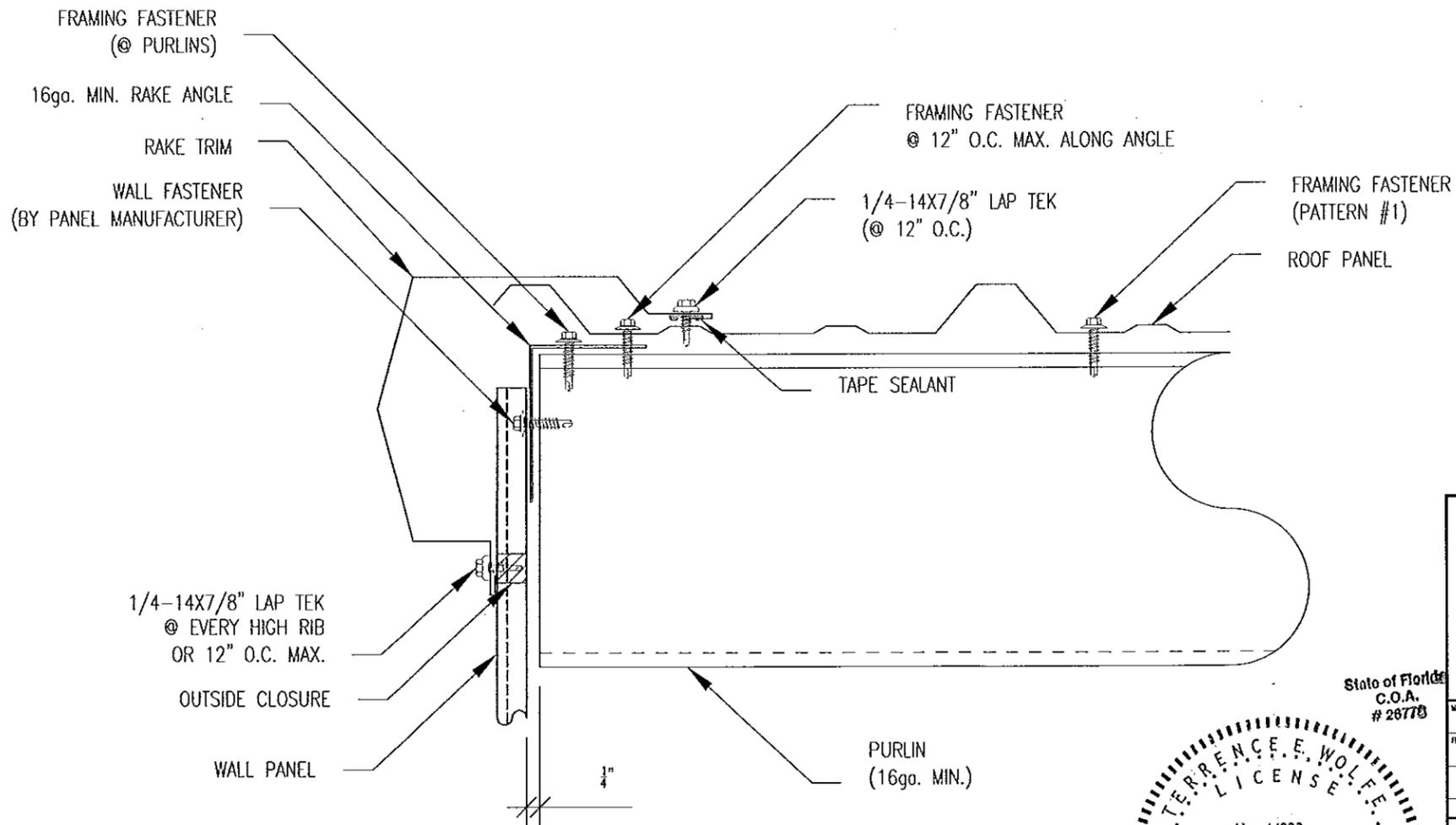
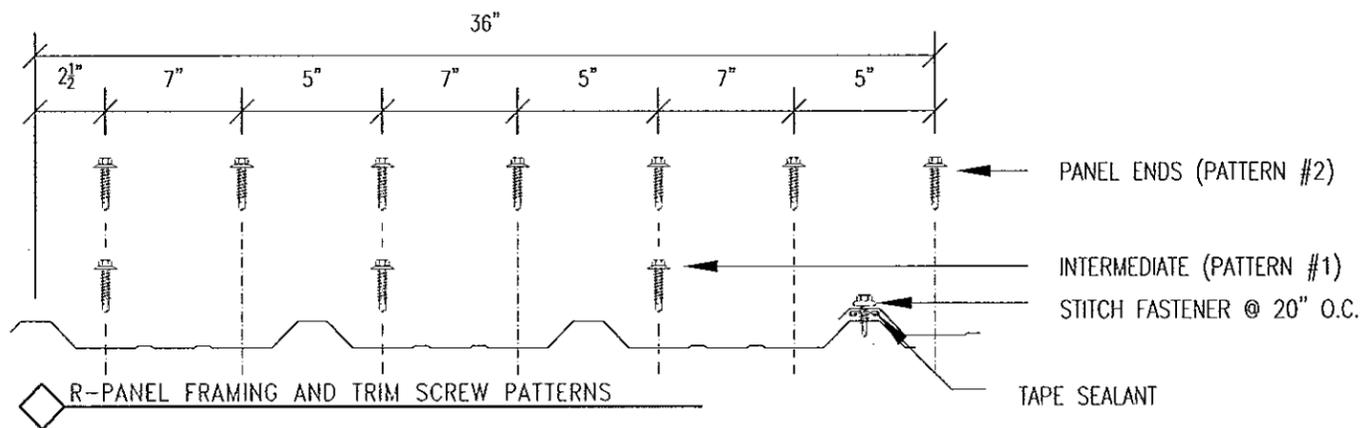


1 RIDGE

Approved as complying with the
 Florida Building Code
 Date 01/30/2014
 NOA# 13-0716-10
 Miami Dade Product Control
 By *Terrence E. Wolfe*



MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
FLORIDA REGISTRATION NO.		44923	
REL	BY	DESCRIPTION	DATE
	TW	FOR APPROVAL	11-12-13
TREMCO ROOFING & BUILDING MAINTENANCE			
PROJECT		DADE COUNTY TESTING	
SHEET	TREMLOCK "R" PLUS 24ga. DETAILS	DATE	11-12-13
SCALE	N.T.S.	DRAWING NUMBER	13-0716.10
LOCATION	DADE COUNTY, FLORIDA	SHEET NUMBER	E2 of 5



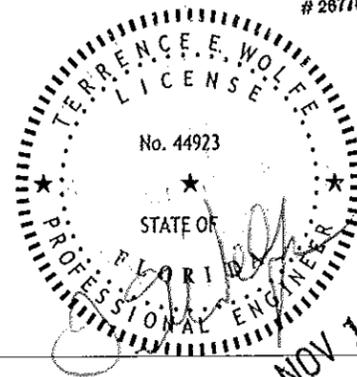
1 RAKE

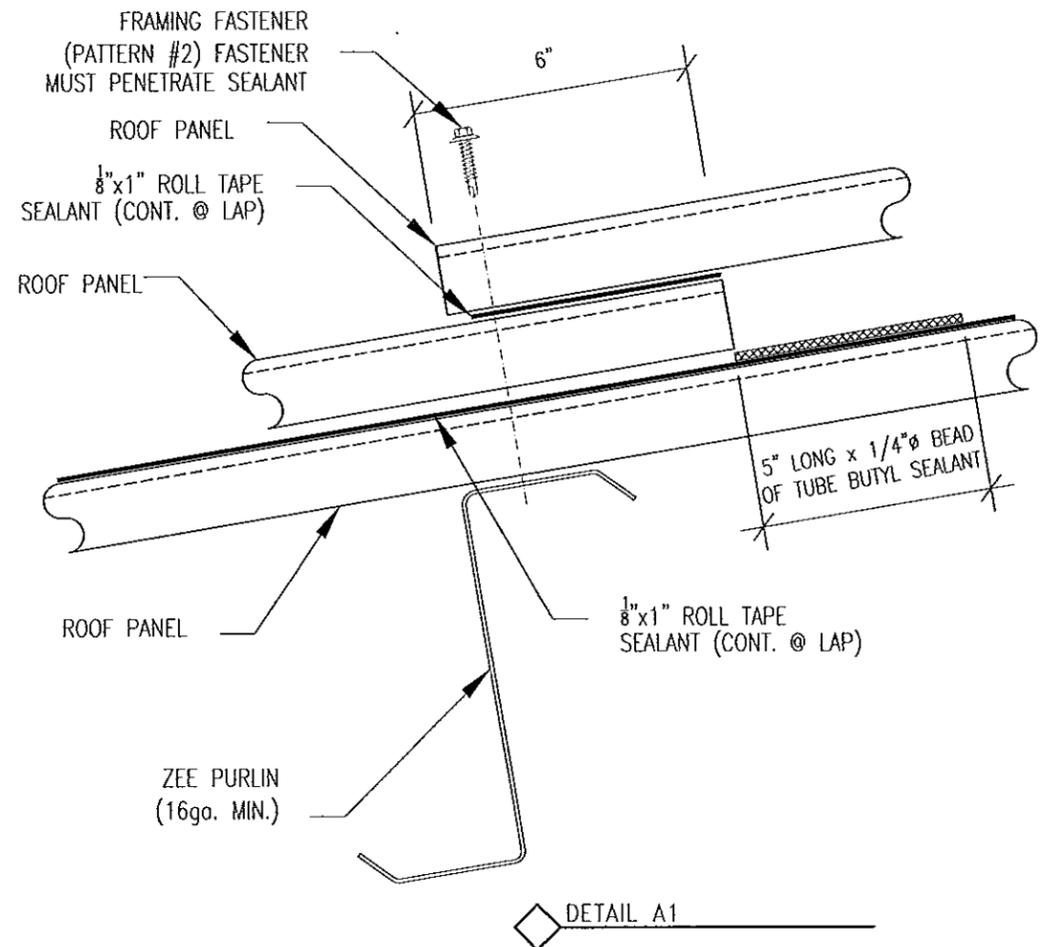
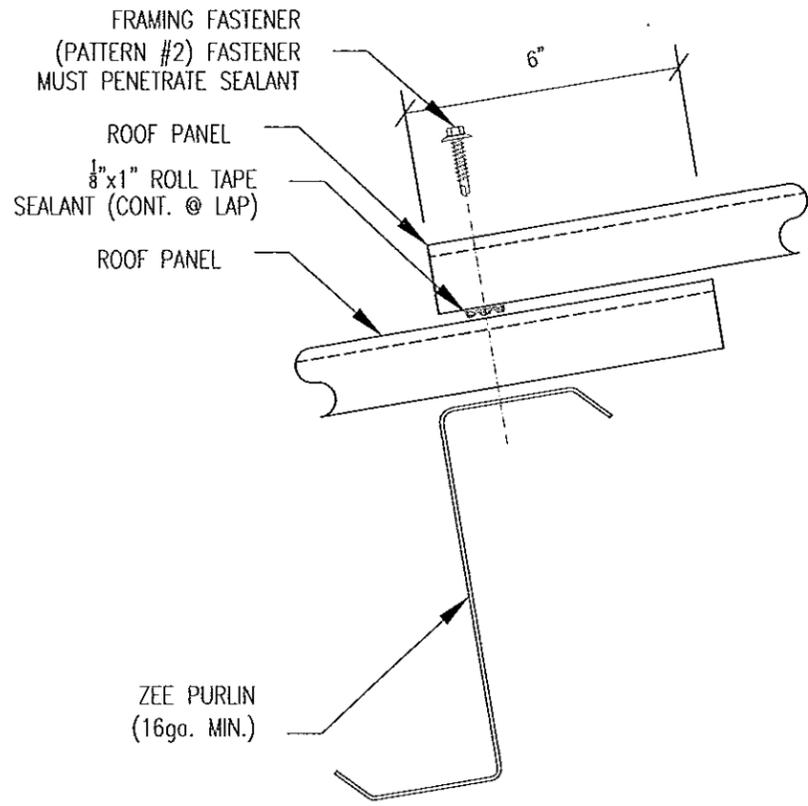
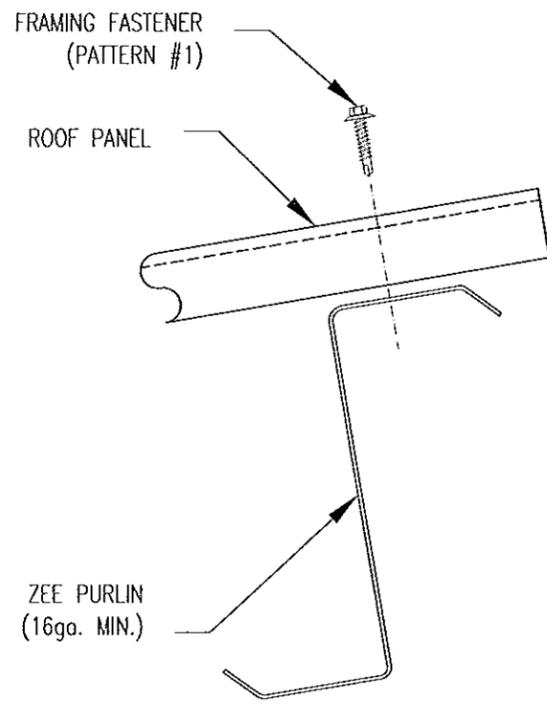
Approved as complying with the
Florida Building Code
Date 1/30/2014
NOA# 13-0716-10
Miami Dade Product Control

By *Terrence E. Wolfe*

State of Florida
C.O.A.
28778

MANUFACTURING ENGINEER	TERRENCE E. WOLFE, P.E.		
FLORIDA REGISTRATION NO.	44923		
PROJECT	DADE COUNTY TESTING		
SHEET	TREMLOCK "R" PLUS 24ga. DETAILS	DATE	11-12-13
LOCATION	DADE COUNTY, FLORIDA	SCALE	N.T.S.
		DRAWING NUMBER	13-0716.10
		SHEET NUMBER	E3 of 5

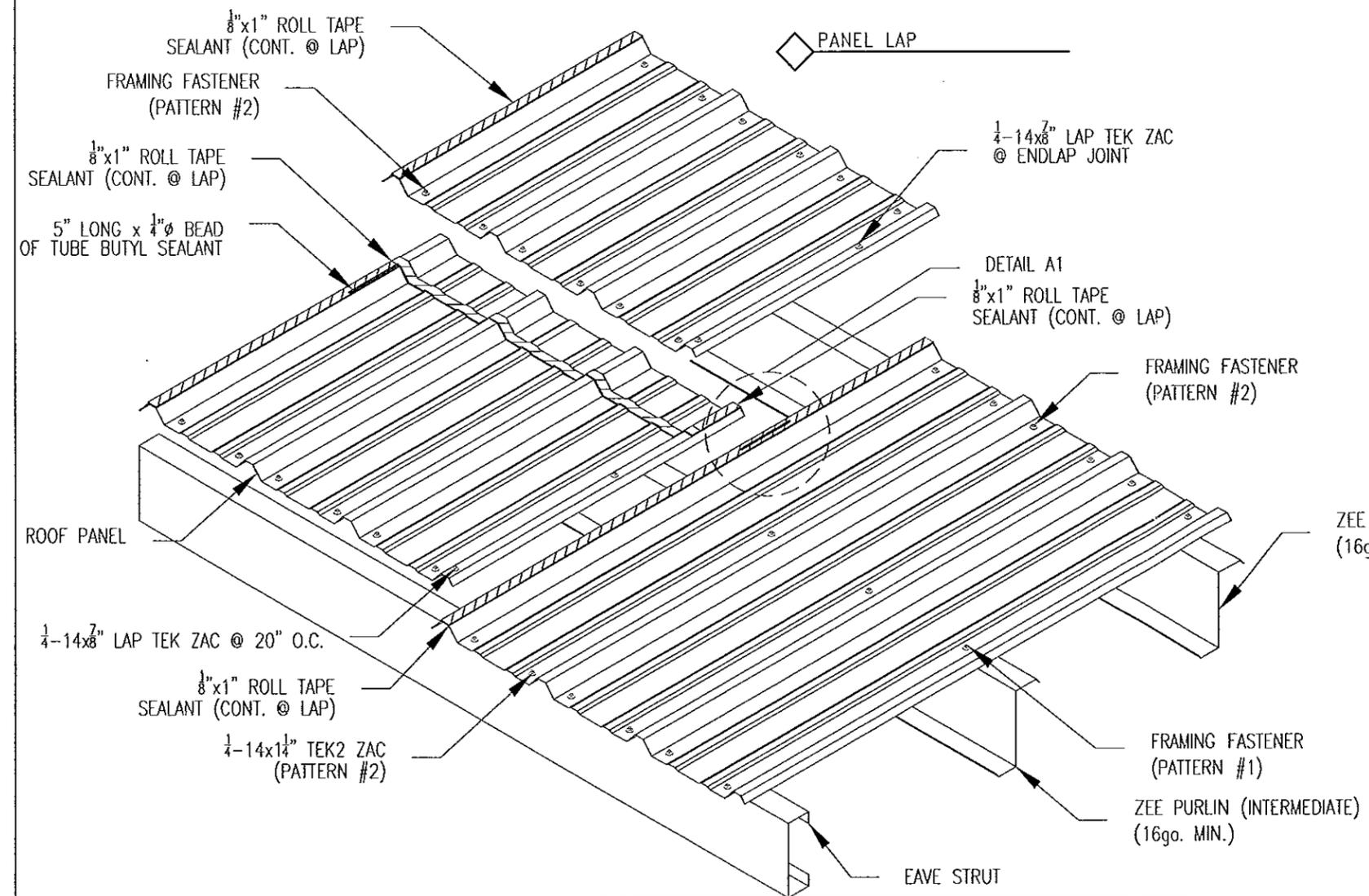




◇ INTERMEDIATE CONN.

◇ PANEL LAP

◇ DETAIL A1



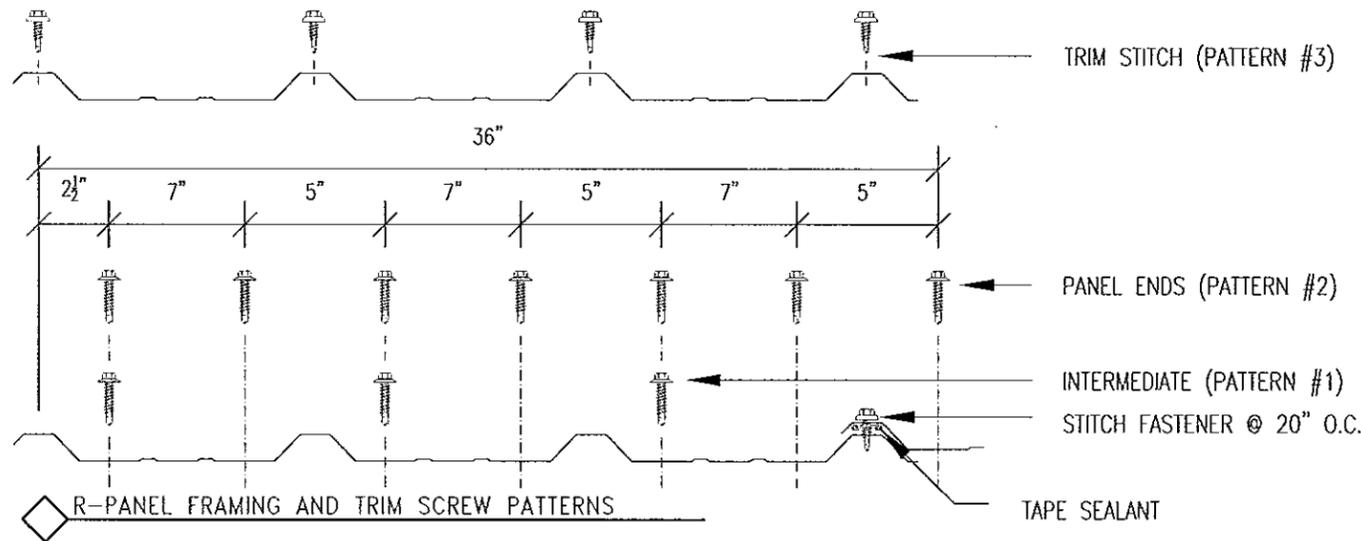
State of Florida
C.O.A.
#26778



Approved as complying with the Florida Building Code
Date 01/30/2014
NOA# 13-0716-10
Miami Dade Product Control

By *Terrence E. Wolfe*

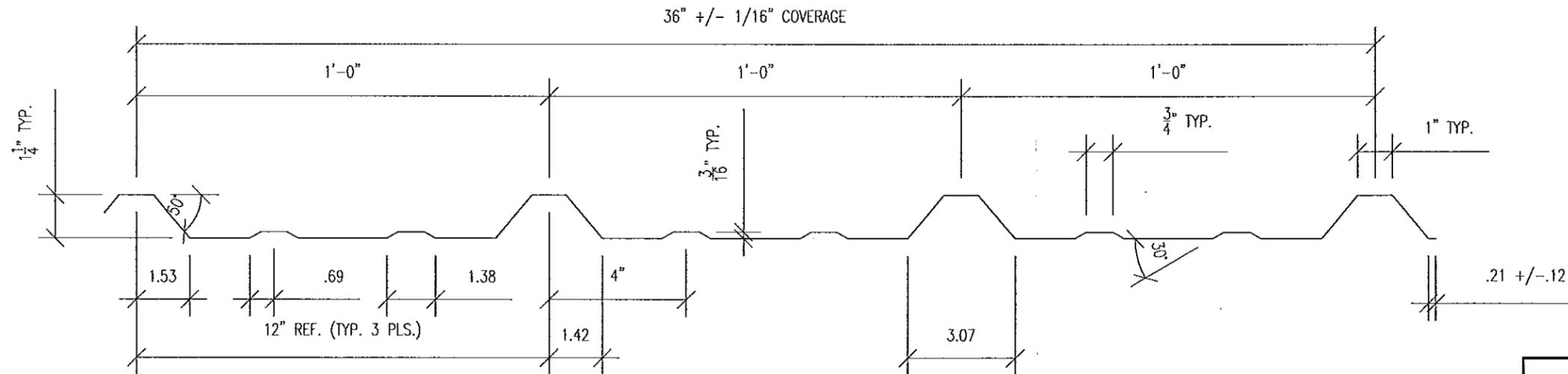
<p>MANUFACTURING ENGINEER: TERRENCE E. WOLFE, P.E.</p> <p>FLORIDA REGISTRATION NO.: 44923</p>			
<p>TREMCO ROOFING & BUILDING MAINTENANCE</p>			
PROJECT	DADE COUNTY TESTING	DATE	11-12-13
SCALE	TREMLOCK "R" PLUS 24ga. DETAILS	SCALE	N.T.S.
LOCATION	DADE COUNTY, FLORIDA	PROJECT NUMBER	13-0716.10
		DATE	11-12-13
		SCALE	N.T.S.
		PROJECT NUMBER	13-0716.10
		SHEET NUMBER	E4 of 5



NOTES:

- THE MAXIMUM PRESSURE SHALL BE CALCULATED USING THE FOLLOWING ALLOWANCES.
 - POSITIVE PRESSURE
 - A) MAXIMUM ALLOWABLE BENDING MOMENT OF THE PANEL AT SUPPORTS = 119.75 FT. LB.
 - B) MAXIMUM ALLOWABLE BENDING MOMENT OF THE PANEL BETWEEN SUPPORTS = 95.8 FT. LB.
 - C) MAXIMUM ALLOWABLE DEFLECTION OF ROOF PANEL = L/240
 - D) MAXIMUM ALLOWABLE REACTION = 95.8 LBS. EXT.
= 263.45 LBS. INT.
 - E) $EI = 1.4278 \times 10^6$ LB-IN²
 - NEGATIVE PRESSURE
 - A) MAXIMUM ALLOWABLE BENDING MOMENT OF THE PANEL AT SUPPORTS = 106.75 FT. LB.
 - B) MAXIMUM ALLOWABLE BENDING MOMENT OF THE PANEL BETWEEN SUPPORTS = 85.4 FT. LB.
 - C) MAXIMUM ALLOWABLE DEFLECTION OF ROOF PANEL = L/240
 - D) MAXIMUM SUPPORT REACTION = 85.4 LBS. EXT.
= 234.85 LBS. INT.
 - E) $EI = 1.2728 \times 10^6$ LB-IN²
- THE MAXIMUM ALLOWABLE SPANS & PRESSURES ARE AS FOLLOWS:

- POSITIVE PRESSURE		- NEGATIVE PRESSURE	
SPAN	PRESSURE	SPAN	PRESSURE
5'-0"	47.9 PSF	5'-0"	42.7 PSF
2'-0"	156.65 PSF	2'-0"	117.65 PSF



TREMLOCK "R" PLUS PANEL PROFILE

STITCH FASTENER:
1/4-14x7/8" LAP/TEK ZAC
BY: SFS INTEC
** SEE NOTE BELOW

SIKALASTOMER 511 TUBE SEALANT
BY: SIKA

FRAMING FASTENER:
1/4-14x1 1/4" TEK2 ZAC
BY: SFS INTEC
** SEE NOTE BELOW

SIKAFLEX 201 URETHANE TUBE SEALANT
BY: SIKA

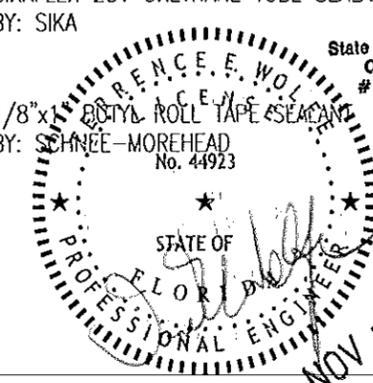
1/8" x 1/2" BUTYL ROLL TAPE SEALANT
BY: SCHNEE-MOREHEAD
No. 44923

** NOTE
ZAC IS A ZINC-ALUMINUM CAP
WITH A 5/8" DIA. NEPRENE
SEALING WASHER

PANEL PROPERTIES						
ASTM	PANEL GAUGE	PANEL THICKNESS	YIELD STRENGTH	TENSILE STRENGTH	STEEL COATING	PAINT COATINGS
A792	24	.023 (MIN.)	50 KSI (MIN.)	65 KSI (MIN.)	AZ 55 (BARE) AZ 50 (PAINTED)	KYNAR 500

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Florida Building Code
Date 01/30/2014
NOA# 13-0716-10
Miami Dade Product Control

By *Healy A. Malin*



MANUFACTURING ENGINEER		TERRENCE E. WOLFE, P.E.	
C.O.#		44923	
PROJECT		DADE COUNTY TESTING	
DATE		11-12-13	
DRAWN BY		DATE 11-12-13	
CHECKED BY		SCALE N.T.S.	
PROJECT NUMBER		DRAWING NUMBER 13-0716.10	
LOCATION		SHEET NUMBER E5 of 5	



ROOFING & BUILDING MAINTENANCE