



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

## NOTICE OF ACCEPTANCE (NOA)

NCI Group, Inc.  
7301 Fairview  
Houston, TX 77041

### 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: "Double-Lok" 0.024" (min.) Structural Standing Seam Steel Roof Panel

**APPROVAL DOCUMENT:** Drawing No. Dade County, titled "Double-Lok Roof Panel", sheets 1 through 10 of 10, dated Nov. 08, 2024, prepared by NCI Group, Inc., signed and sealed by Lisa Marie Reimert, P.E. on Nov. 08, 2024, bearing the Miami-Dade County Product Control Renewal 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, 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 **renews NOA #23-0606.08** and consists of this page 1, evidence submitted pages E-1, E-2, E-3, E-4 & E-5 as well as approval document mentioned above.

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



*Helmy A. Makar*  
12/26/24

NOA No. 24-1113.01  
Expiration Date: 02/25/2030  
Approval Date: 12/26/2024  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #06-0920.02**

**A. DRAWINGS**

1. *Drawing No. DL-001, titled "DoubleLok Panel", sheets 1 through 10 of 10, dated July 25, 2006, prepared by Metal Building Components, Inc. LP, signed and sealed by Mark Detwiler, P.E. on January 05, 2009.*

**B. TESTS**

1. *Test report on Uplift Resistance per ASTM E 1592-01 on DoubleLok 12" wide 24 ga. Roof Panel, prepared by Force Engineering & Testing, Inc., Report No. 07-0129T-06L, dated July 12, 2006, signed and sealed by Terrence E. Wolfe, P.E.*
2. *Test report on Uplift Resistance per ASTM E 1592-01 on DoubleLok 12" wide 24 ga. Roof Panel, prepared by Force Engineering & Testing, Inc., Report No. 07-0129T-06I-K, dated July 12, 2006, signed and sealed by Terrence E. Wolfe, P.E.*
3. *Test report on Uplift Resistance per ASTM E 1592-01 on DoubleLok 18" wide 24 ga. Roof Panel, prepared by Force Engineering & Testing, Inc., Report No. 07-0129T-06E-G, dated July 12, 2006, signed and sealed by Terrence E. Wolfe, P.E.*
4. *Test report on Uplift Resistance per ASTM E 1592-01 on DoubleLok 24" wide 24 ga. Roof Panel, prepared by Force Engineering & Testing, Inc., Report No. 07-0129T-06A-C, dated July 12, 2006, signed and sealed by Terrence E. Wolfe, P.E.*
5. *Test report on Uplift Resistance per ASTM E 1592-01 on DoubleLok 24" wide 24 ga. Roof Panel, prepared by Force Engineering & Testing, Inc., Report No. 07-0129T-06D, dated July 12, 2006, signed and sealed by Terrence E. Wolfe, P.E.*
6. *Test report on: 2000 hours Accelerated Weathering per ASTM G23, prepared by The Valspar Corporation, dated 08/12/98, signed by Clark Higginbotham.*
7. *Susceptibility to leakage test in accordance with Miami-Dade County Protocol PA 114 Appendix G, prepared by Farabaugh Engineering and Testing, Inc., Report No. T170-06, dated 06/07/2006, signed and sealed by Daniel G. Farabaugh, P.E.*
8. *Test report on Large Missile Impact Test, prepared by Farabaugh Engineering and Testing, Inc., Test Report No. T169-06, dated 06/07/2006, signed and sealed by Daniel G. Farabaugh, P.E.*

**C. CALCULATIONS**

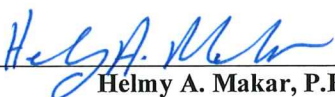
1. *Calculations titled "DoubleLok 12", 18", 24" 24 ga., 6 pages, prepared by Mark Detwiler, P.E. on 01/05/09, signed and sealed by Mark Detwiler, P.E. on 01/05/09.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *Tensile Test on each specimen tested, prepared by Bodycote Materials Testing, Inc.*

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 24-1113.01  
Expiration Date: 02/25/2030  
Approval Date: 12/26/2024



**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. EVIDENCE SUBMITTED UNDER PEVIOUS APPROVAL # 11-0810.04**

**A. DRAWINGS**

1. *Drawing No. Dade County, titled " DoubleLok Panel ", sheets 1 through 10 of 10, dated July 27, 2011, prepared by NCI Group, Inc., signed and sealed by Mark Detwiler, P.E. on July 27, 2011.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. OTHERS**

1. *Bill of Sale, Assignment and Assumption Agreement.*

**3. EVIDENCE SUBMITTED UNDER PEVIOUS APPROVAL # 13-0425.14**

**A. DRAWINGS**

1. *Drawing No. Dade County, titled " DoubleLok Roof Panel ", sheets 1 through 10 of 10, dated April 16, 2013, prepared by NCI Group, Inc., signed and sealed by Mark Detwiler, P.E. on April 16, 2013.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

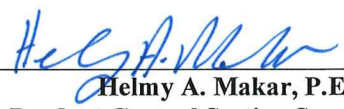
1. *None.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 24-1113.01  
Expiration Date: 02/25/2030  
Approval Date: 12/26/2024

**NCI Group, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0505.28**

**A. DRAWINGS**

1. *Drawing No. Dade County, titled " DoubleLok Roof Panel ", sheets 1 through 10 of 10, dated April 14, 2015, prepared by NCI Group, Inc., signed and sealed by Mark Detwiler, P.E. on April 14, 2015.*

**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.*

**5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-0312.07**

**A. DRAWINGS**

1. *Drawing No. Dade County, titled " DoubleLok Roof Panel ", sheets 1 through 10 of 10, dated February 23, 2018, prepared by NCI Group, Inc., signed and sealed by Mark Detwiler, P.E. on February 23, 2018.*

**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.*


**6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-1011.04**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 24-1113.01  
Expiration Date: 02/25/2030  
Approval Date: 12/26/2024



**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**7. EVIDENCE SUBMITTED UNDER PEVIOUS APPROVAL # 19-1119.01**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *Test report on Uplift Resistance per ASTM E 1592-01 on Double-Lok 24" wide 24 ga. Roof Panel, prepared by Force Engineering & Testing, Inc., Report No. 07-0138T-19A,B, dated 09/13/2019, signed and sealed by Terrence E. Wolfe, P.E.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**8. EVIDENCE SUBMITTED UNDER PEVIOUS APPROVAL # 21-0615.07**

**A. DRAWINGS**

1. *Drawing No. Dade County, titled " Double-Lok Roof Panel ", sheets 1 through 10 of 10, dated June 10, 2021, prepared by NCI Group, Inc., signed and sealed by Mark Detwiler, P.E. on June 10, 2021.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

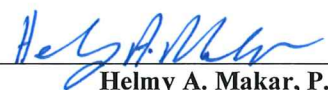
1. *None.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*



**Helmy A. Makar, P.E., M.S.**  
**Product Control Section Supervisor**  
**NOA No. 24-1113.01**  
**Expiration Date: 02/25/2030**  
**Approval Date: 12/26/2024**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**9. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 23-0606.08**

**A. DRAWINGS**

1. *Drawing No. Dade County, titled " Double-Lok Roof Panel ", sheets 1 through 10 of 10, dated July 18, 2023, prepared by NCI Group, Inc., signed and sealed by Lisa Marie Reimert, P.E. on July 18, 2023.*

**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.*

**10. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. Dade County, titled " Double-Lok Roof Panel ", sheets 1 through 10 of 10, dated Nov. 08, 2024, prepared by NCI Group, Inc., signed and sealed by Lisa Marie Reimert, P.E. on Nov. 08, 2024.*

**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.*

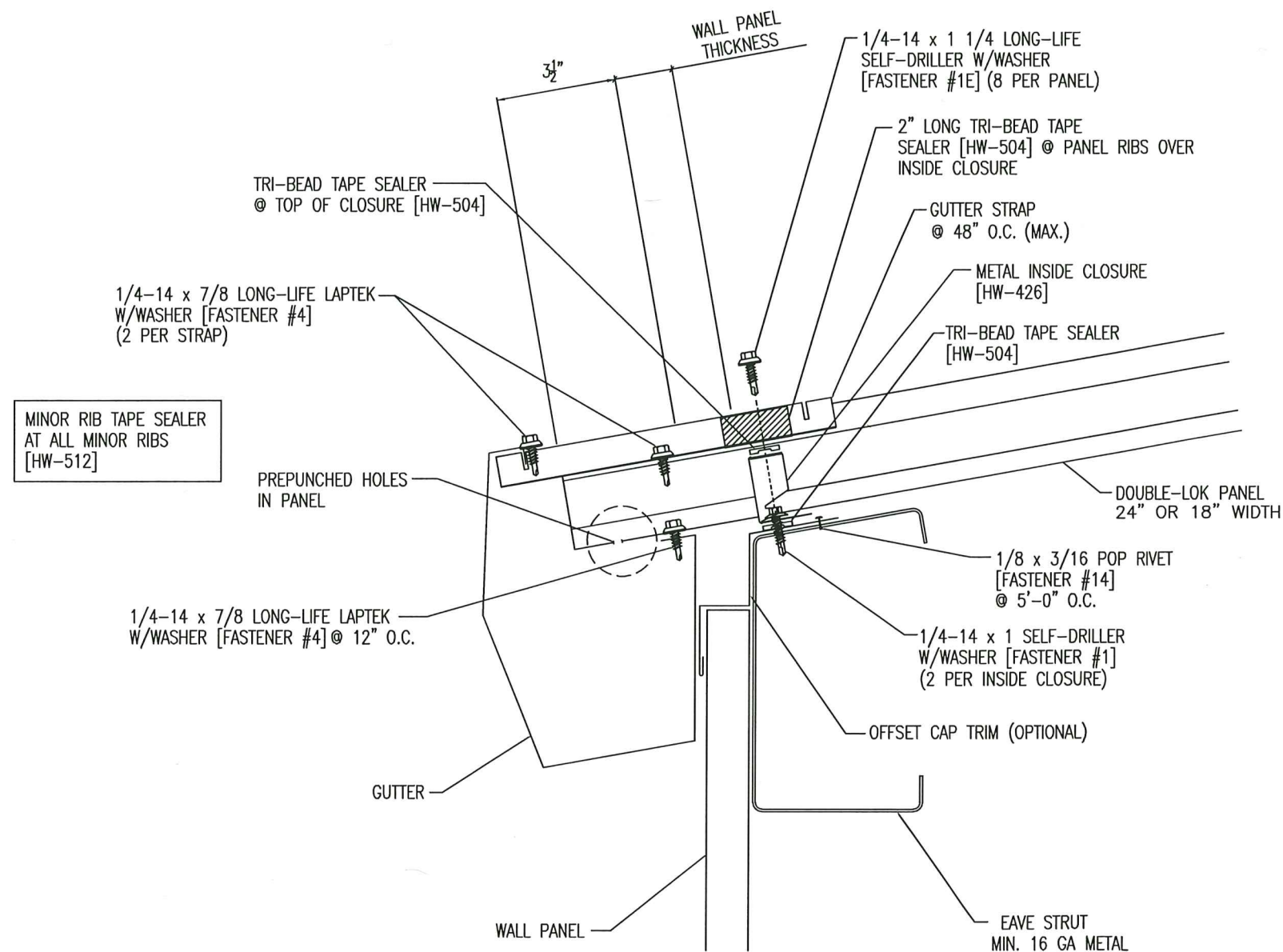
**F. OTHERS**

1. *FBC, 2023 edition compliance letter issued by cornerstone Building Brands, dated Nov. 08, 2024, signed and sealed by Lisa Marie Reimert, P.E. on Nov. 08, 2024.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 24-1113.01  
Expiration Date: 02/25/2030  
Approval Date: 12/26/2024

INSTALLATION NOTE:

1. APPLY TRI-BEAD TAPE SEALER CONTINUOUS OVER SUBSTRATE.
2. ATTACH INSIDE METAL CLOSURE W/  
1/4"-14 X 1" SDS W/WASHER [FASTENER #1]
3. APPLY A 10" LONG PIECE OF TRI-BEAD TAPE SEALER  
UP AND OVER THE INSIDE METAL CLOSURE
4. APPLY A 2" LONG PIECE OF TRI-BEAD TAPE  
SEALER IN VERTICAL LEG OF PANEL SEAM
5. IF THE PANELS HAVE MINOR RIBS, APPLY  
MINOR RIB TAPE SEAL BETWEEN PANEL AND  
EAVE TRIM OR GUTTER
6. ATTACH PANEL W/#1/4-14 X 1 1/4" LONG  
LIFE W/WASHER IN THE FLAT PANEL AND ONE  
EACH SIDE OF THE INSIDE METAL CLOSURE  
(8) TOTAL [FASTENER #1E]



PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 24-1113.01  
Expiration Date 02/25/2030  
By *H. G. P. Miller*  
Miami Dade Product Control

Fixed Eave Detail

Revision	Date	Description	By	Ch'd

NGI GROUP, INC. CORPORATE OFFICES: 7301 FARVIEW DR. HOUSTON TX 77041 (800) 777-4378 MAILING: P.O. BOX 40220 HOUSTON TX 77240-0220	Project Name and Location: DADE COUNTY PRODUCT APPROVAL DADE COUNTY, FLORIDA
SHEET TITLE: DOUBLELOK ROOF PANEL	

Scale: NOT TO SCALE

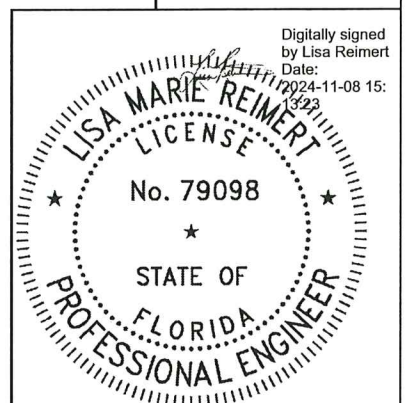
Drawn by: EH

Checked by: JA

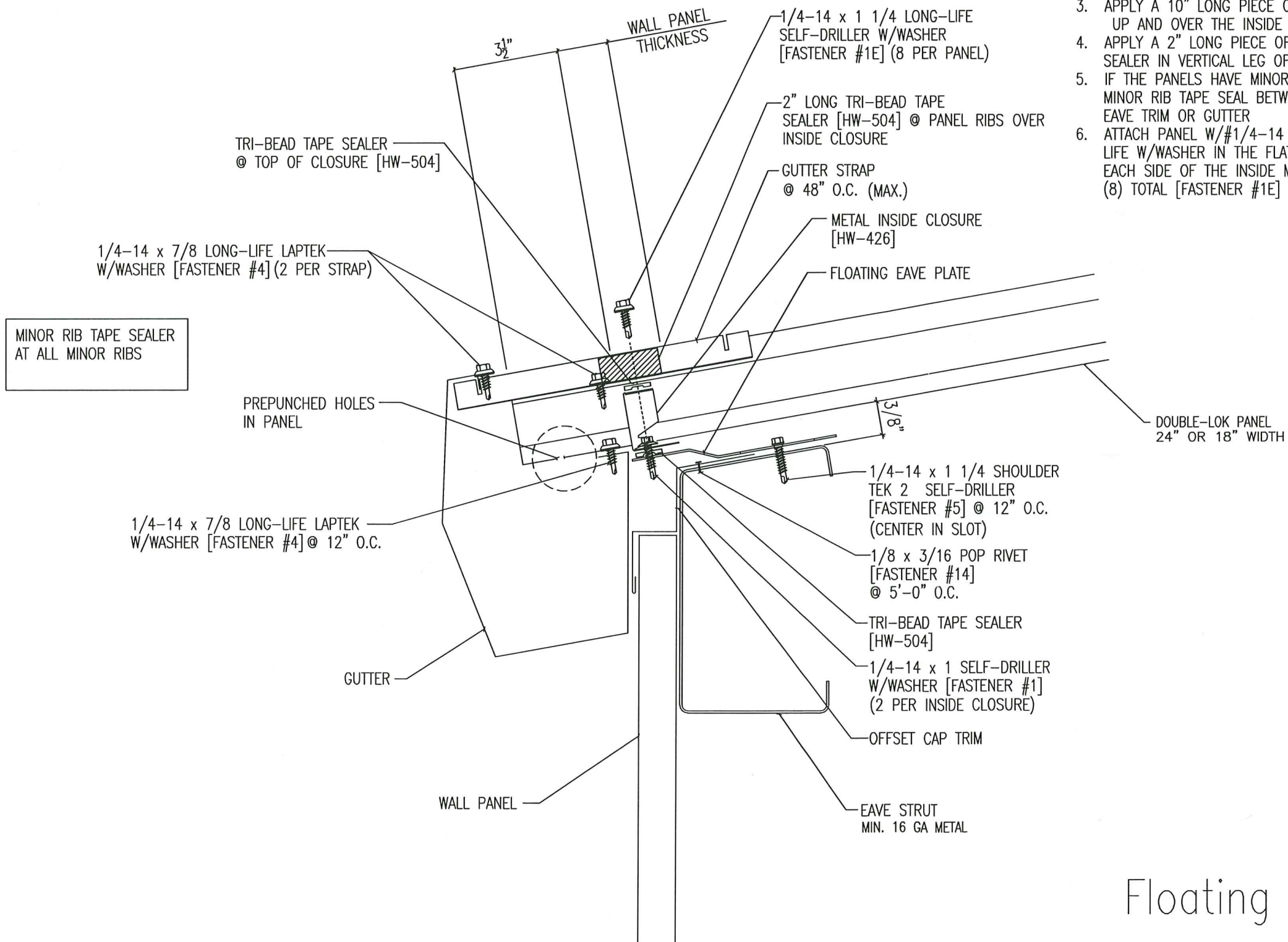
Job Number: DADE COUNTY

Sheet Number: 1/10

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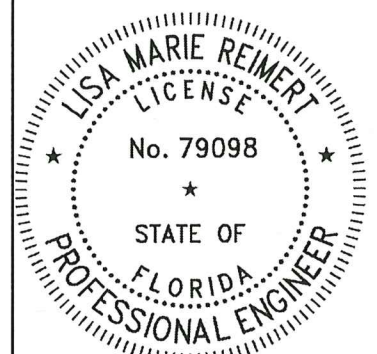


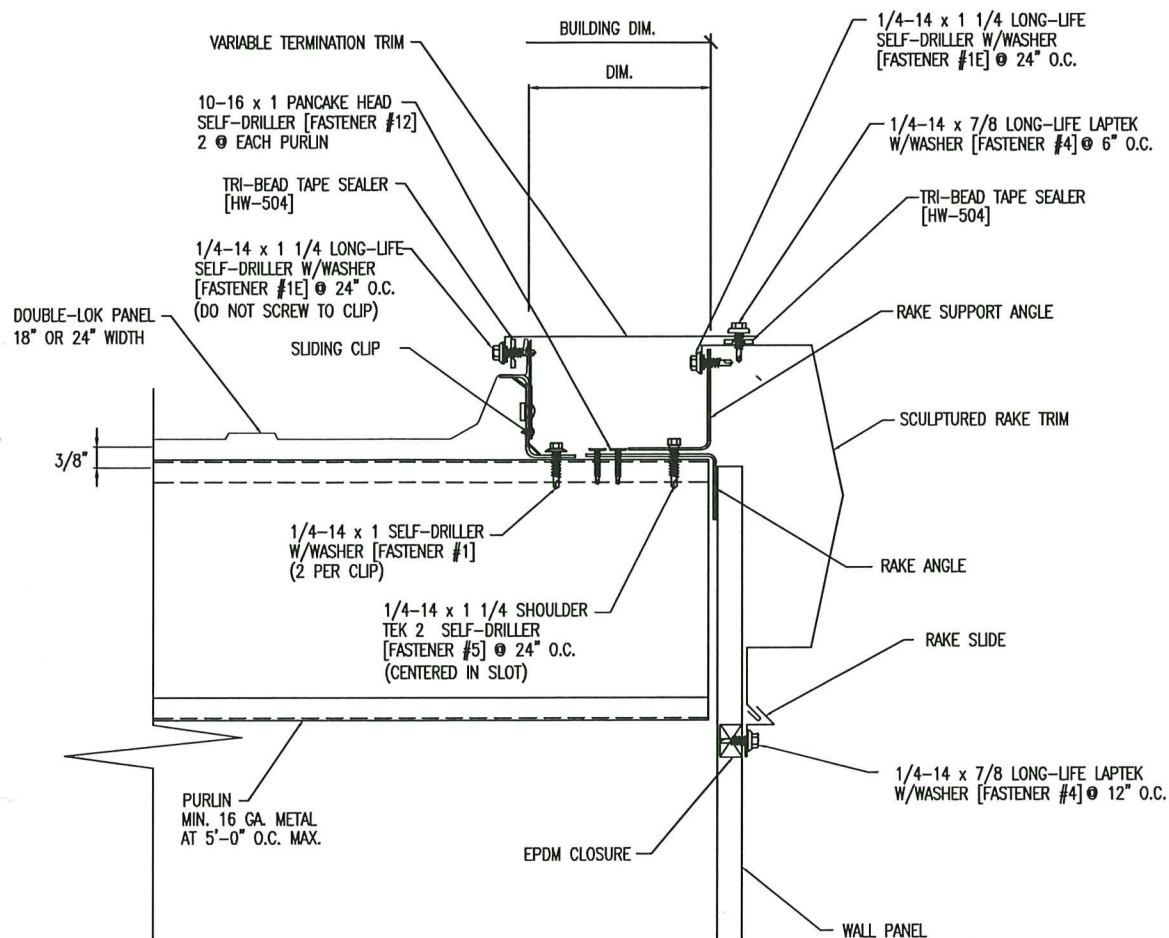
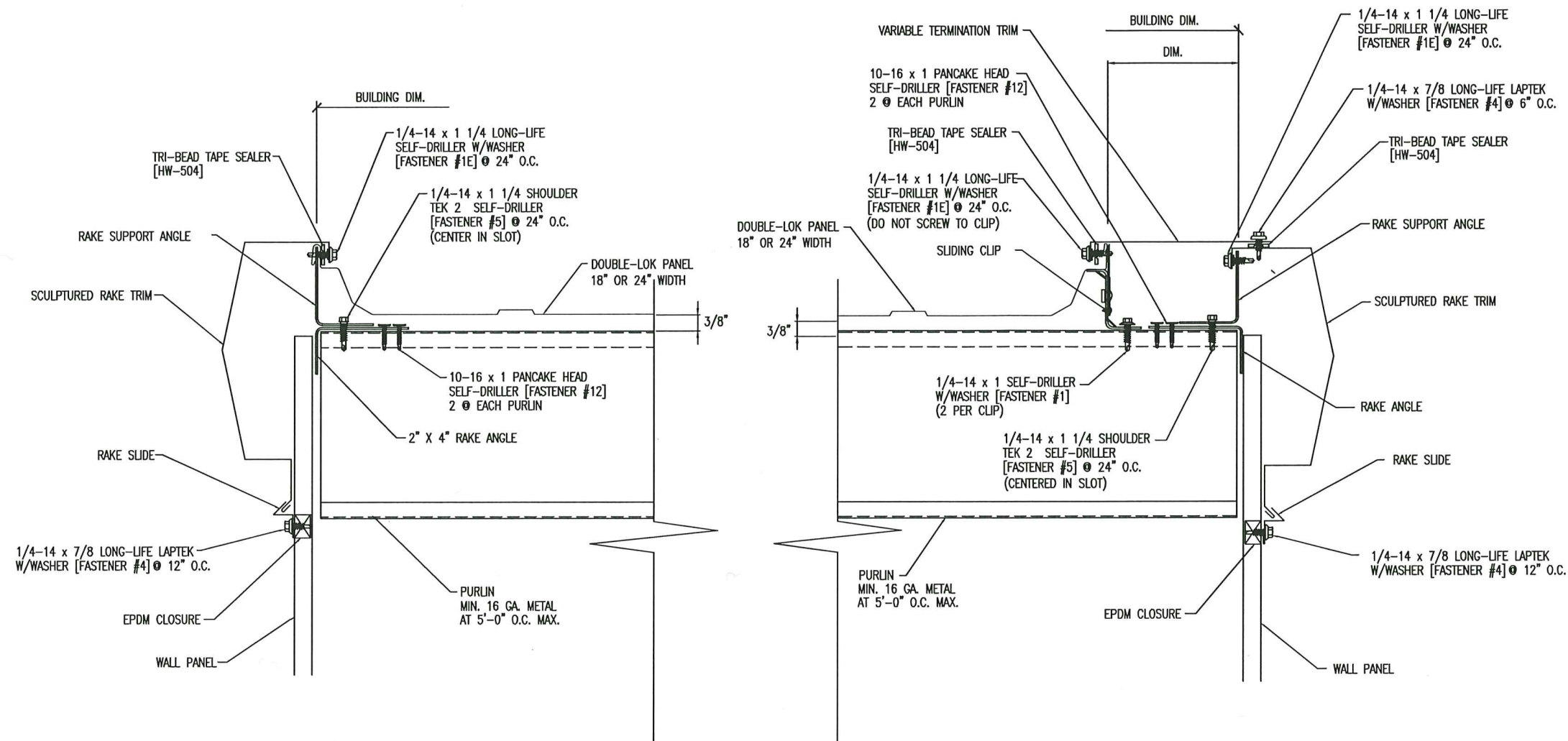



1. APPLY TRI-BEAD TAPE SEALER CONTINUOUS OVER SUBSTRATE.
2. ATTACH INSIDE METAL CLOSURE W/  
1/4"-14 X 1" SDS W/WASHER [FASTENER #1]
3. APPLY A 10" LONG PIECE OF TRI-BEAD TAPE SEALER  
UP AND OVER THE INSIDE METAL CLOSURE
4. APPLY A 2" LONG PIECE OF TRI-BEAD TAPE  
SEALER IN VERTICAL LEG OF PANEL SEAM
5. IF THE PANELS HAVE MINOR RIBS, APPLY  
MINOR RIB TAPE SEAL BETWEEN PANEL AND  
EAVE TRIM OR GUTTER
6. ATTACH PANEL W/#1/4-14 X 1 1/4" LONG  
LIFE W/WASHER IN THE FLAT PANEL AND ONE  
EACH SIDE OF THE INSIDE METAL CLOSURE  
(8) TOTAL [FASTENER #1E]

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 24-1113.01  
Expiration Date 02/25/2030  
By Hely A. Miller  
Miami-Dade Product Control

## Floating Eave Detail



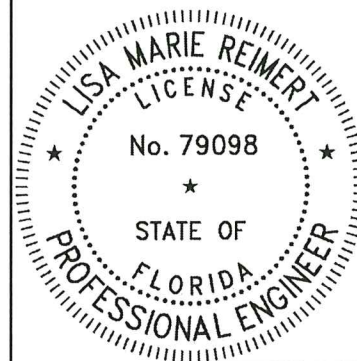
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 <p><b>NCEI GROUP, INC.</b></p> <p>CORPORATE OFFICES : 7301 FARVIEW DR. HOUSTON TX. 77041 (800) 771-4378          MAILING : P.O. BOX 40220 HOUSTON TX. 77240-0220</p>	<p><i>Project Name and Location:</i></p> <p>DADE COUNTY PRODUCT APPROVAL          DADE COUNTY, FLORIDA</p>
<p><b>SHEET TITLE:</b></p> <p>DOUBLELOK ROOF PANEL</p>	

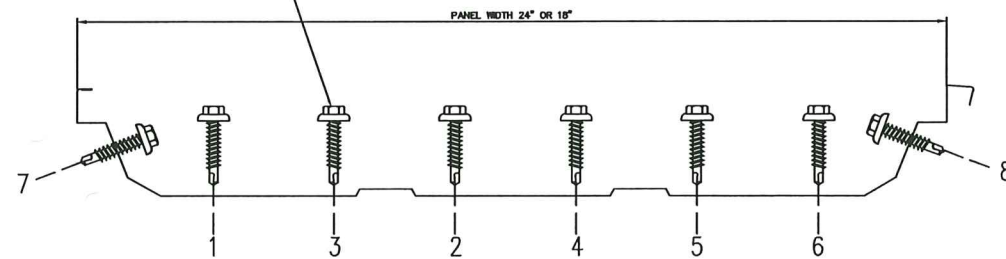
Scale:	NOT TO SCALE
Drawn by:	EH
Checked by:	JA
Job Number:	DADE COUNTY
Sheet Number:	3/10

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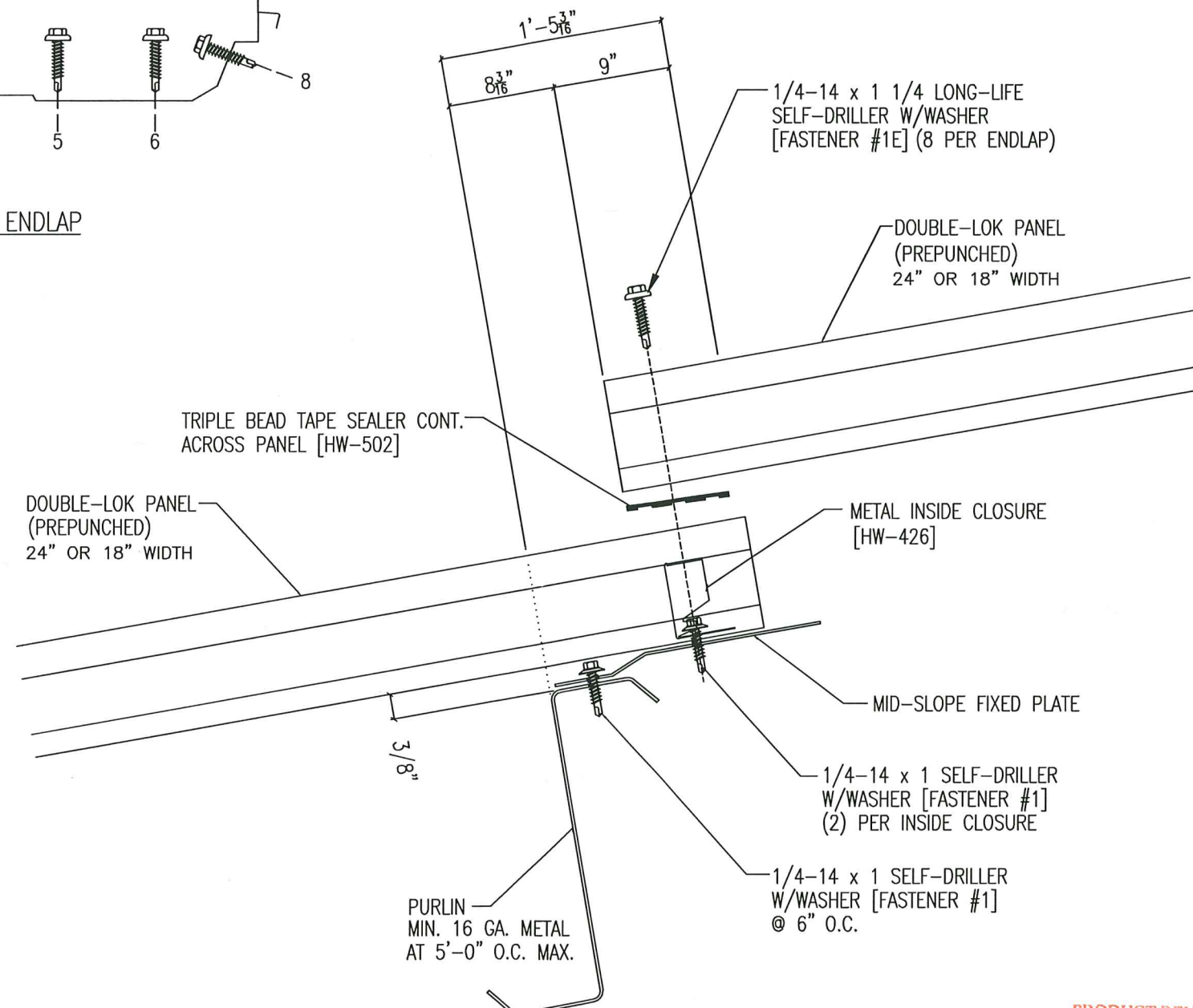
PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 24-1113.01  
Expiration Date 02/25/2030  
By Hely A. Miller  
Miami Dade Product Control







### FASTENER SEQUENCE @ ENDLAP



— 1/4-14 x 1 1/4 LONG-LIFE  
SELF-DRILLER W/WASHER  
[FASTENER #1E] (8 PER ENDLAP)

DOUBLE-LOK PANEL  
(PREPUNCHED)  
24" OR 18" WIDTH

TRIPLE BEAD TAPE SEALER CONT.  
ACROSS PANEL [HW-502]

DOUBLE-LOK PANEL  
(PREPUNCHED)  
24" OR 18" WIDTH

— METAL INSIDE CLOSURE  
[HW-426]

— MID-SLOPE FIXED PLATE


— 1/4-14 x 1 SELF-DRILLER  
W/WASHER [FASTENER #1]  
(2) PER INSIDE CLOSURE

—1/4-14 x 1 SELF-DRILLER  
W/WASHER [FASTENER #1]  
@ 6" O.C.

PURLIN —  
MIN. 16 GA. METAL  
AT 5'-0" O.C. MAX.

 $\frac{3}{8}$ 

## Fixed Endlap Detail

 <b>NCI GROUP, INC.</b> CORPORATE OFFICES : 7301 FAIRVIEW DR. HOUSTON TX 77041 (800) 777-4378 MAILING : P.O. BOX 40220 HOUSTON TX 77240-0220		Project Name and Location: DADE COUNTY PRODUCT APPROVAL DADE COUNTY, FLORIDA		Revision	Date	Description	By	Ck'd
SHEET TITLE: DOUBLELOK ROOF PANEL								
Scale: NOT TO SCALE								
Drawn by: EH								
Checked by: JA								
Job Number: DADE COUNTY								
Sheet Number: 4/10								
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Scale: NOT TO SCALE

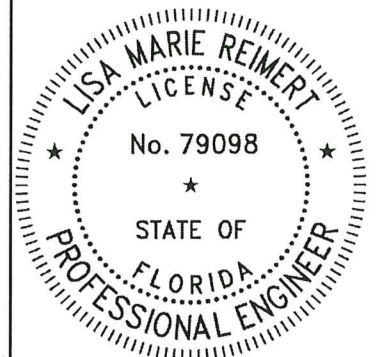
Drawn by: EH

Checked by: JA

Job Number: DADE COUNTY

Sheet Number: 4/10

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ENDLAP

1

5

6

8

7"

4"

3"

1/4-14 x 1 1/4 LONG-LIFE  
SELF-DRILLER W/WASHER  
[FASTENER #1E] (8 PER ENDLAP)

DOUBLE-LOK PANEL  
(PREPUNCHED)  
24" OR 18" WIDTH

SLIDING CLIP

DOUBLE-LOK PANEL  
(PREPUNCHED)  
24" OR 18" WIDTH

TRIPLE BEAD TAPE SEALER CONT.  
ACROSS PANEL [HW-502]

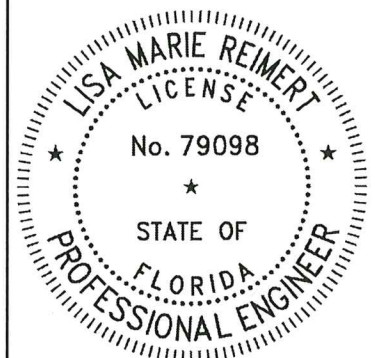
BACKUP PLATE  
24" OR 18"


1/4-14 x 1 SELF-DRILLER  
W/WASHER [FASTENER #1]  
(2 PER CLIP)

PURLIN  
MIN. 16 GA. METAL  
AT 5'-0" O.C. MAX.

PRODUCT REQUIRED  
as complying with  
Building Code  
Acceptance No. 1  
Expiration Date

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 24-1113.01  
Expiration Date 02/25/2030  
By Hely A. Miller  
Miami Code Product Control



Description	Date	Revision	By	Ck'd
 <p>nci GROUP, INC. CORPORATE OFFICES : 7301 FAIRVIEW DR., HOUSTON TX. 77041 (800) 777-4378 MAILING : P.O. BOX 40220 HOUSTON TX. 77240-0220</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>SHEET TITLE: DOUBLELOK ROOF PANEL</p> </div> <div style="width: 45%; text-align: center;"> <p>Project Name and Location: DADE COUNTY PRODUCT APPROVAL DADE COUNTY, FLORIDA</p> </div> </div>				
<b>Scale:</b> NOT TO SCALE				
<b>Drawn by:</b> EH				
<b>Checked by:</b> JA				
<b>Job Number:</b> DADE COUNTY				
<b>Sheet Number:</b> 5/10				
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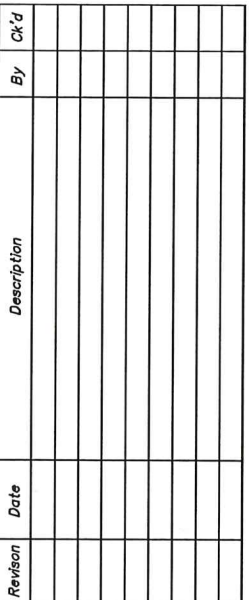




Technical drawing illustrating the installation of a roof panel system. The drawing shows a cross-section of the roof assembly, including the roof panel, purlin, and fasteners.

Labels and components shown:

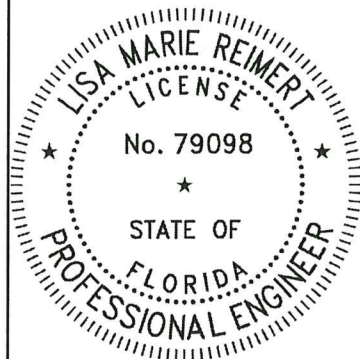
- S-51™ DL WINDCLAMP [HW-568]**: A fastener used to secure the roof panel to the purlin.
- ROOF PANEL**: The main roofing component.
- ROOF PANEL CLIP**: A component used to secure the roof panel to the purlin.
- PURLIN**: The structural support for the roof panel.
- MIN. 16 GA. METAL AT 5'-0" O.C. MAX.**: Specification for the purlin material and spacing.

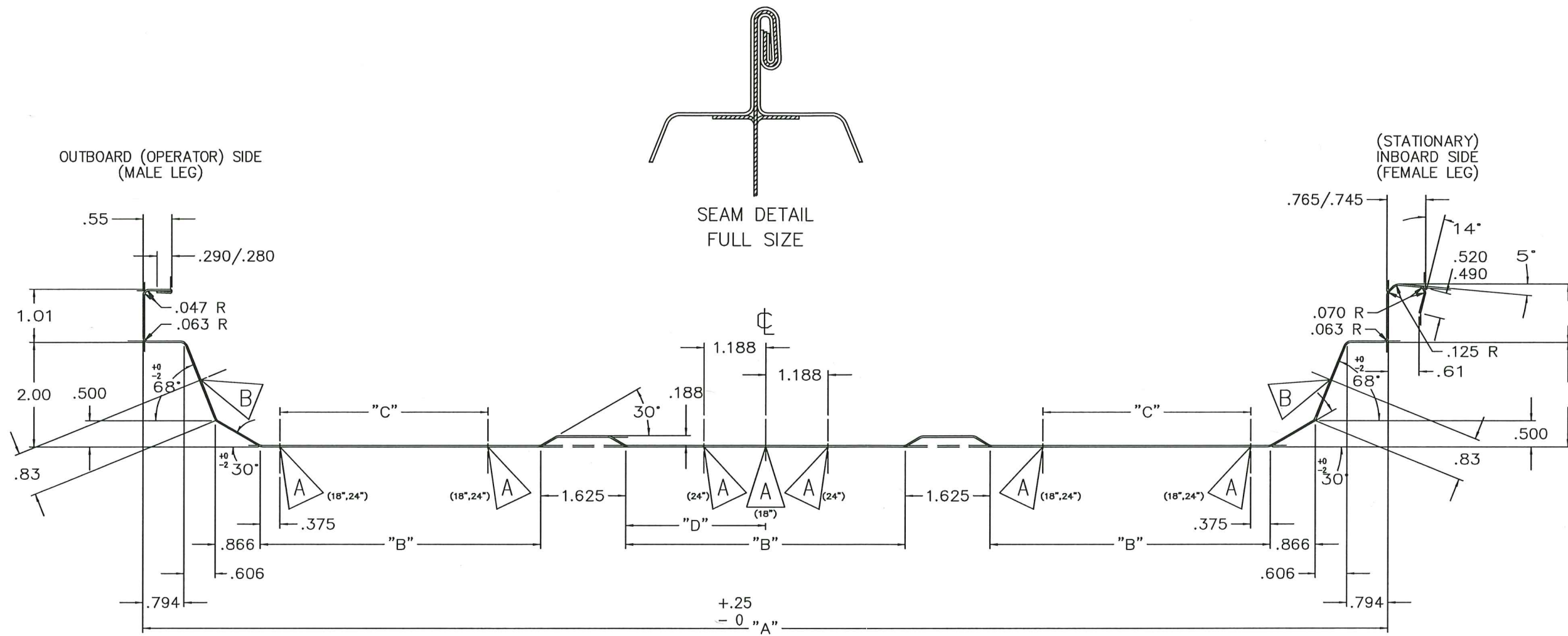


Scale:	NOT TO SCALE
Drawn by:	EH
Checked by:	JA
Job Number:	DADE COUNTY
Sheet Number:	8/10

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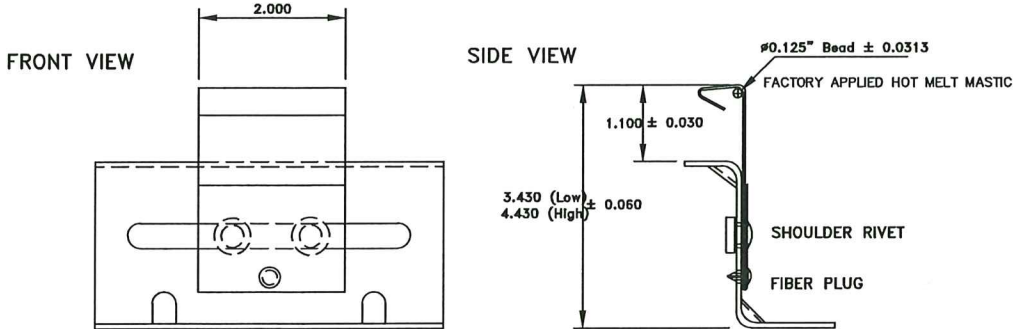


HOLE LOCATIONS		
COVERAGE	DIM "C"	DIM "D"
24"	4.000	2.693
18"	2.187	1.693

COVERAGE	DIM "A"	DIM "B"	RIBS	STRIP WIDTH
24"	23.94	5.386	YES	29.94*
18"	17.94	3.386	YES	23.94*

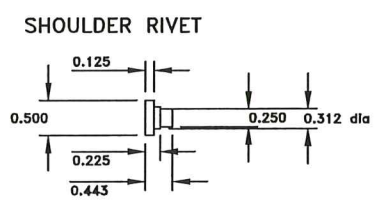
\*STRIP WIDTH TOLERANCE +1/8/-0

- A. 5/16 DIAMETER HOLES ARE IN RIBBED PANELS ONLY & ARE 1.5" BACK FROM BOTH ENDS OF PANEL.(6 HOLES EACH END 24"). (5 HOLES EACH END 18").
- B. DIMPLE LOCATION ON 24" PANEL ONLY & ARE 1.50" BACK FROM BOTH ENDS OF PANEL. (2 PLCS EACH END.)



Floats a total of 2 1/2" and floats 1 1/4" in each direction

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Low Double-Lok Sliding Clip HW-2122  
High Double-Lok Sliding Clip HW-2124



Check'd By																			
Description																			
Date																			
Revision																			
NCI GROUP, INC. CORPORATE OFFICES : 7301 FAIRVIEW DR. HOUSTON TX 77041 (800) 777-8378 MAILING : P.O. BOX 9020 HOUSTON TX 77208-0020										Project Name and Location: DADE COUNTY PRODUCT APPROVAL DADE COUNTY, FLORIDA									
SHEET TITLE: DOUBLELOK ROOF PANEL																			
Scale: NOT TO SCALE																			
Drawn by: EH																			
Checked by: JA																			
Job Number: DADE COUNTY																			
Sheet Number: 9/10																			
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## PANEL PROPERTIES

PANEL GAUGE	PANEL THICKNESS	YIELD STRENGTH	TENSILE STRENGTH	ELONGATION	HARDNESS	STEEL COATING	PAINT COATINGS
24	.024 MIN.	50 KSI	55-70 KSI	20-36%	50-65 HRB	AZ 55	SIG 300 KYNAR

## PANEL ACCESSORIES

CONSTRUCTION FASTENERS INC.  
SPRING STREET AND VAN REED ROAD  
P.O. BOX 6326, WYOMISSING PA 19610

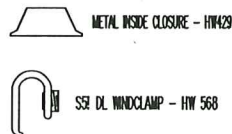
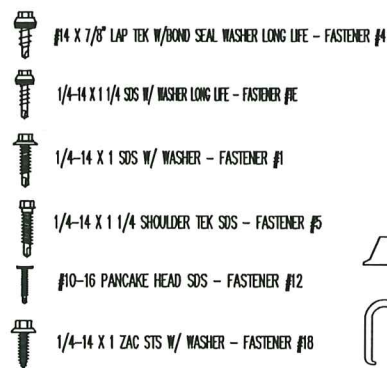
GULF-SEAL SPECIALTIES, INC.  
P.O. BOX 508  
SOUTH HOUSTON, TX 77587

TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)

TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPRENE)

SCHNEE—MOREHEAD, INC.  
111 NORTH NURSERY ROAD  
IRVING, TX 75060

# PERMATHANE URETHANE CAULK



NOTES:

1. THE 24 GAUGE DOUBLELOK STANDING SEAM ROOF PANELS SHALL BE USED FOR ROOF CONSTRUCTION ONLY. THE ACTUAL ROOF PROJECT SHALL BE CONSTRUCTED USING THE SAME DETAILS SHOWN ON THESE DRAWINGS INCLUDING:
  - a. DETAILS OF ALL PANEL MATERIAL CHARACTERISTICS AND SECTIONS WITH DIMENSIONS AND THICKNESS.
  - b. ASSEMBLY DETAILS INCLUDING ALL CONNECTION'S FASTENERS DIAGRAM WITH SIZE AND LOCATION.

- 2A. THE MAXIMUM PANEL SPAN AND THE MAXIMUM ALLOWABLE DESIGN UP-LIFT (NEGATIVE) PRESSURE OF THIS ROOF PANEL SHALL BE BASED ON THE FOLLOWING ALLOWABLE:

## DOUBLELOK 18"-24 GA. PANELS

MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL AT SUPPORTS = 71.20 FT-LBS/FT

MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL BETWEEN SUPPORTS = 56.96 FT-LBS/FT

MAXIMUM PANEL REACTION AT SUPPORTS = 156.64 LBS

MAXIMUM ALLOWABLE DEFLECTION OF PANEL =  $L/240$

PANEL'S EI VALUE = 848,931.84 LB-IN<sup>2</sup>

THIS ROOF PANEL IS APPROVED FOR A MAXIMUM SPAN OF 5'-0".

- 2B. THE MAXIMUM PANEL SPAN AND THE MAXIMUM ALLOWABLE DESIGN UP-LIFT (NEGATIVE) PRESSURE OF THIS ROOF PANEL SHALL BE BASED ON THE FOLLOWING ALLOWABLE:

## DOUBLELOK 24"-24 GA. PANELS

MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL AT SUPPORTS = 53.33 FT-LBS/FT

MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL BETWEEN SUPPORTS = 42.66 FT-LBS/FT

MAXIMUM PANEL REACTION AT SUPPORTS = 117.32 LBS

MAXIMUM ALLOWABLE DEFLECTION OF PANEL =  $L/240$

PANEL'S EI VALUE = 635,804.64 LB-IN<sup>2</sup>

THIS ROOF PANEL IS APPROVED FOR A MAXIMUM SPAN OF 5'-0".

- ALL PANEL SUBMEMBERS SHALL BE STEEL WITH 16 GA. MINIMUM THICKNESS.
- THIS STRUCTURAL ROOF PANEL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE (FBC) FOR USE WITH THE 8TH EDITION (2023) FBC, AND THE 2020 FBC AS APPLICABLE THE DESIGN PRESSURES AS DETERMINED FROM SECTION 1620 MUST BE MULTIPLIED BY .060.

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By Debra A. Maher  
Miami-Dade Product Control

