

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)

Whirlwind Building Systems 8234 Hansen Road Houston, TX 77075

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: Weather Lok-16, 24 ga. (0.024" min.) Steel Roof Panel

APPROVAL DOCUMENT: Drawing No. **14003502**, titled "Weather Lok 16-24 Details", sheets 1 through 8 of 8, prepared by Whirlwind Building Systems, dated March 27, 2002, revised on March 25, 2021 signed and sealed by Ronald H. Mays, P.E., on April 09, 2021, 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, 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 revises and renews NOA #24-0717.03 and consists of this page 1, evidence submitted pages E-1, E-2, E-3, E-4, E-5 and E-6 as well as approval document mentioned above.

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

MIAMI-DADE COUNTY
[APPROVED]

Helgh. Melv 08/07/25

NOA No. 25-0701.03 Expiration Date: 08/15/2030 Approval Date: 08/07/2025

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 03-0708.01

A. DRAWINGS

- 1. *Manufacturer's die drawings and sections.*
- 2. Drawing No. 14003502, titled "Weather Lok 16-24 Details", sheets 1 through 8, prepared by manufacturer on 03/27/02, signed & sealed by Terrence E. Wolfe, P.E.

B. TESTS

- 1. Test reports on 1) Uniform Static Air Pressure Test, Loading per PA-125-95 per ASTM 1592-98 along with marked-up drawings and installation diagram 24 GA 16" steel roof panel, prepared by Farabaugh Engineering & Testing, Inc., Test Report No. T191-01, dated 11/17/01, signed and sealed by Daniel Farabaugh, P.E.
- 2. Test reports on 1) Uniform Static Air Pressure Test, Loading per PA-125-95 per ASTM 1592-98 along with marked-up drawings and installation diagram 24 GA 16" steel roof panel, prepared by Farabaugh Engineering & Testing, Inc., Test Report No. T190-01, dated 11/17/01, signed and sealed by Daniel Farabaugh, P.E.
- 3. Test reports on 1) Large Missile Impact Test per SFBC, PA 201-94 along with marked-up drawings and installation diagram 24 GA 16" steel roof panel, prepared by Farabaugh Engineering & Testing, Inc., Test Report No. T209-01, dated 11/17/01, signed and sealed by Daniel Farabaugh, P.E.
- 4. Test reports on 1) Wind and Wind Driven Rain Resistance of Discontinuous Roof Systems, P 100-95 along with marked-up drawings and installation diagram 24 GA 16" steel roof panel, prepared by Asphalt Technologies, Inc., Test Report No. DDI-001-02-01, dated 12/11/01, signed and sealed by Charles L. Thomas, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, prepared by Terrence E. Wolfe, P.E., dated 4/3/02, signed and sealed by Terrence E. Wolfe, P.E.

D. MATERIAL CERTIFICATION

- 1. Mill Certificate, prepared by Metal Prep, dated 7/12/02.
- 2. Tensile Test prepared by West Penn Testing Laboratories, Inc., Project No. T191-01, dated 7/19/01, for steel samples, tested per ASTM E8-00, signed by Todd Ault.
- 3. Tensile Test prepared by West Penn Testing Laboratories, Inc., Project No. T190-01, dated 7/19/01, for steel samples, tested per ASTM E8-00, signed by Todd Ault.
- 4. Tensile Test prepared by West Penn Testing Laboratories, Inc., Project No. T209-01, dated 7/19/01, for steel samples, tested per ASTM E8-00, signed by Todd Ault.

E. STATEMENTS

- 1. Letter of conformance, dated 2/5/02, signed & sealed by Terrence E. Wolfe, P.E.
- 2. Statement letter of no financial interest, dated 2/5/02, signed by Terrence E. Wolfe, P.E., and signed and sealed by Debra Parten.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor

NOA No. 25-0701.03

Expiration Date: 08/15/2030 Approval Date: 08/07/2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. OTHER

1. Letter from Maurice Gray Associates, Inc.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 05-1102.02

A. DRAWINGS

1. Drawing No. **14003502**, titled "Weather Lok 16-24 Details", sheets 1 through 8 of 8, prepared by Whirlwind Building Systems, dated March 27, 2002, last revision #1 dated June 17, 2005, signed and sealed by Terrence E. Wolfe, P.E.

B. TESTS

1. Test reports on Susceptibility to Leakage test for Roof System Assemblies, TAS 114 Appendix G along with drawings and installation diagram of 24 GA 16" steel roof panel, prepared by Farabaugh Engineering & Testing, Inc., Test Report No. T178-04, dated 05/03/05, signed and sealed by Daniel Farabaugh, P.E.

C. CALCULATIONS

1. Fastener Calculations, prepared by Terrence E. Wolfe, P.E., dated 06/21/05, signed and sealed by Terrence E. Wolfe, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATION

1. None.

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 07-0813.04

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATION

1. None.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor

NOA No. 25-0701.03

Expiration Date: 08/15/2030 Approval Date: 08/07/2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-1204.08

A. DRAWINGS

1. Drawing No. **14003502**, titled "Weather Lok 16-24 Details", sheets 1 through 8 of 8, prepared by Whirlwind Building Systems, dated March 27, 2002, signed and sealed by Dennis L. Johnson, P.E., on June 30, 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 CERTIFICATION

1. None.

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-0522.06

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 CERTIFICATION

1. None.

F. STATEMENTS

1. Statement letter of FBC 2017 Edition conformance, dated 05/08/18, signed and sealed by Terrence E. Wolfe, P.E.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor

NOA No. 25-0701.03 Expiration Date: 08/15/2030

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 19-0711.04

A. DRAWINGS

1. Drawing No. **14003502**, titled "Weather Lok 16-24 Details", sheets 1 through 8 of 8, prepared by Whirlwind Building Systems, dated March 27, 2002, signed and sealed by Ronald H. Mays, P.E., on August 21, 2019.

B. TESTS

None.

C. CALCULATIONS

None.

D. OUALITY ASSURANCE

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

E. MATERIAL CERTIFICATION

1. None.

F. STATEMENTS

1. Statement letter of FBC 2017 Edition conformance, dated 08/22/19, signed and sealed by Ronald H. Mays, P.E.

7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 21-0419.12

A. DRAWINGS

1. Drawing No. 14003502, titled "Weather Lok 16-24 Details", sheets 1 through 8 of 8, prepared by Whirlwind Building Systems, dated March 27, 2002, revised on March 25, 2021 signed and sealed by Ronald H. Mays, P.E., on April 09, 2021.

B. TESTS

None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATION

1. None.

F. STATEMENTS

1. Statement letter of FBC 2020 Edition conformance, dated 04/09/21, signed and sealed by Ronald H. Mays, P.E.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor NOA No. 25-0701.03

Expiration Date: 08/15/2030

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 8. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 23-1017.22
- 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 CERTIFICATION
 - 1. None.
- F. STATEMENTS
 - 1. Statement letter of FBC 2023 Edition conformance, dated 08/24/2023, signed and sealed by Ronald H. Mays, P.E.
- 9. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 24-0717.03
- 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 CERTIFICATION
 - 1. None.
- F. STATEMENTS
 - 1. Statement letter of FBC 2023 Edition conformance, dated 06/17/2024, signed and sealed by Ronald H. Mays, P.E.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor

NOA No. 25-0701.03 Expiration Date: 08/15/2030

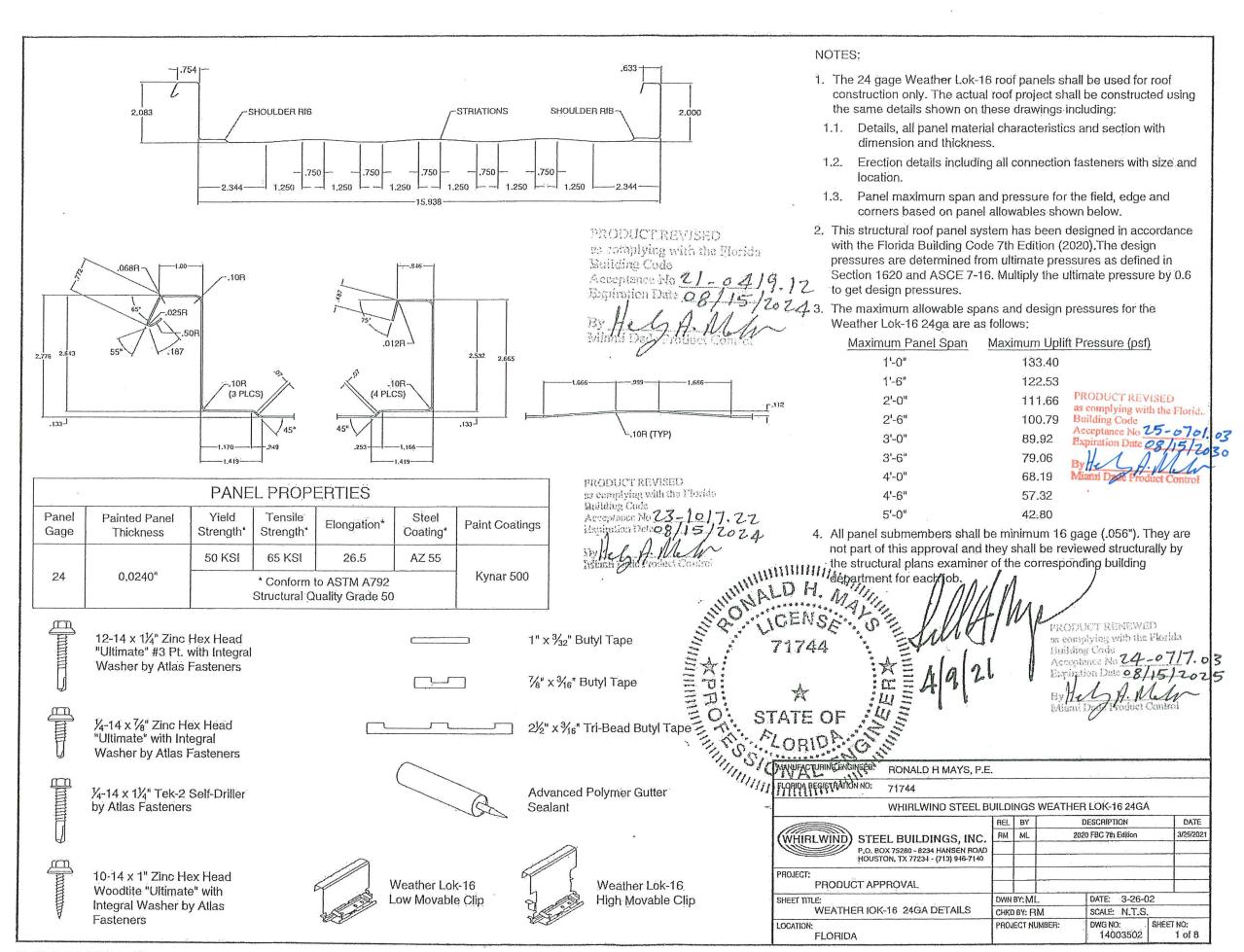
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

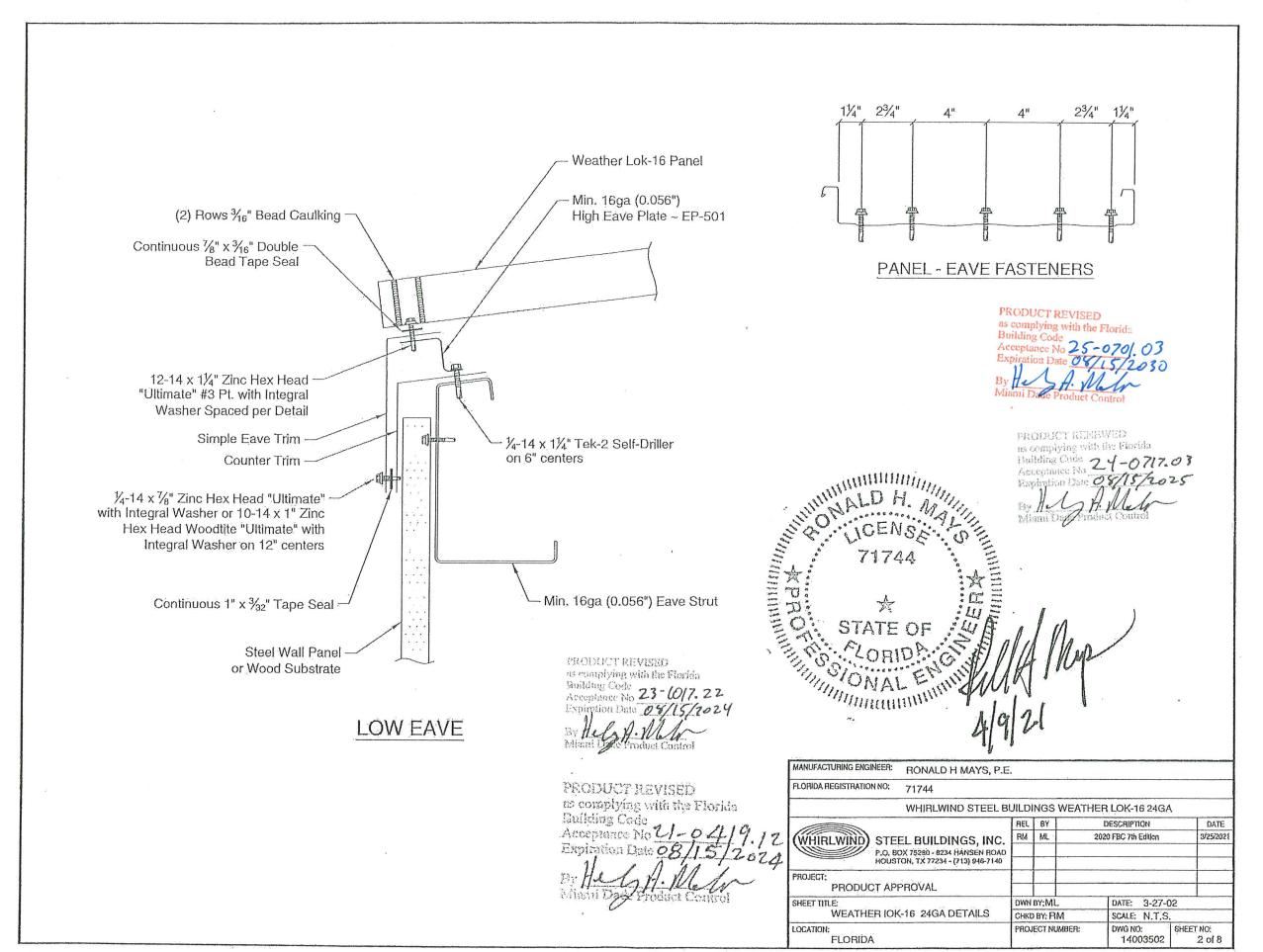
- 10. NEW EVIDENCE SUBMITTED
- A. DRAWINGS
 - 1. None.
- B. TESTS
 - 1. Tensile Test prepared by Farabaugh Engineering and Testing, Inc., Project No. T220-25, dated 5/13/25, for steel samples, tested per ASTM A370-10, signed and sealed by Daniel G. Farabaugh, P.E.
- C. CALCULATIONS
 - 1. None.
- D. QUALITY ASSURANCE
 - 1. By Miami-Dade County Department of Regulatory and Economic Resources.
- E. MATERIAL CERTIFICATION
 - 1. None.
- F. STATEMENTS
 - 1. Statement letter of FBC 2023 Edition conformance, dated 06/17/2024, signed and sealed by Ronald H. Mays, P.E.

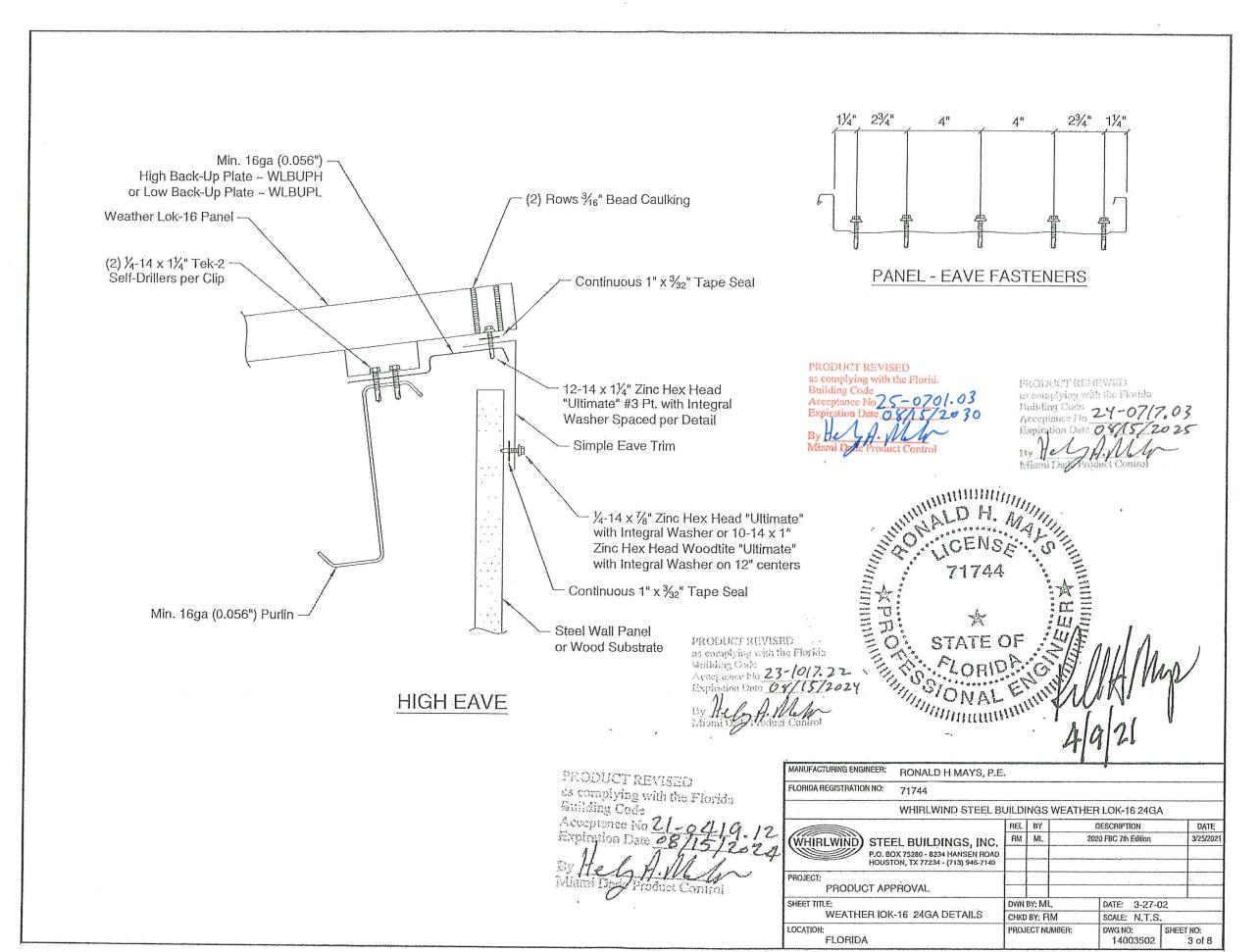
Helmy A. Makar, P.E., M.S.

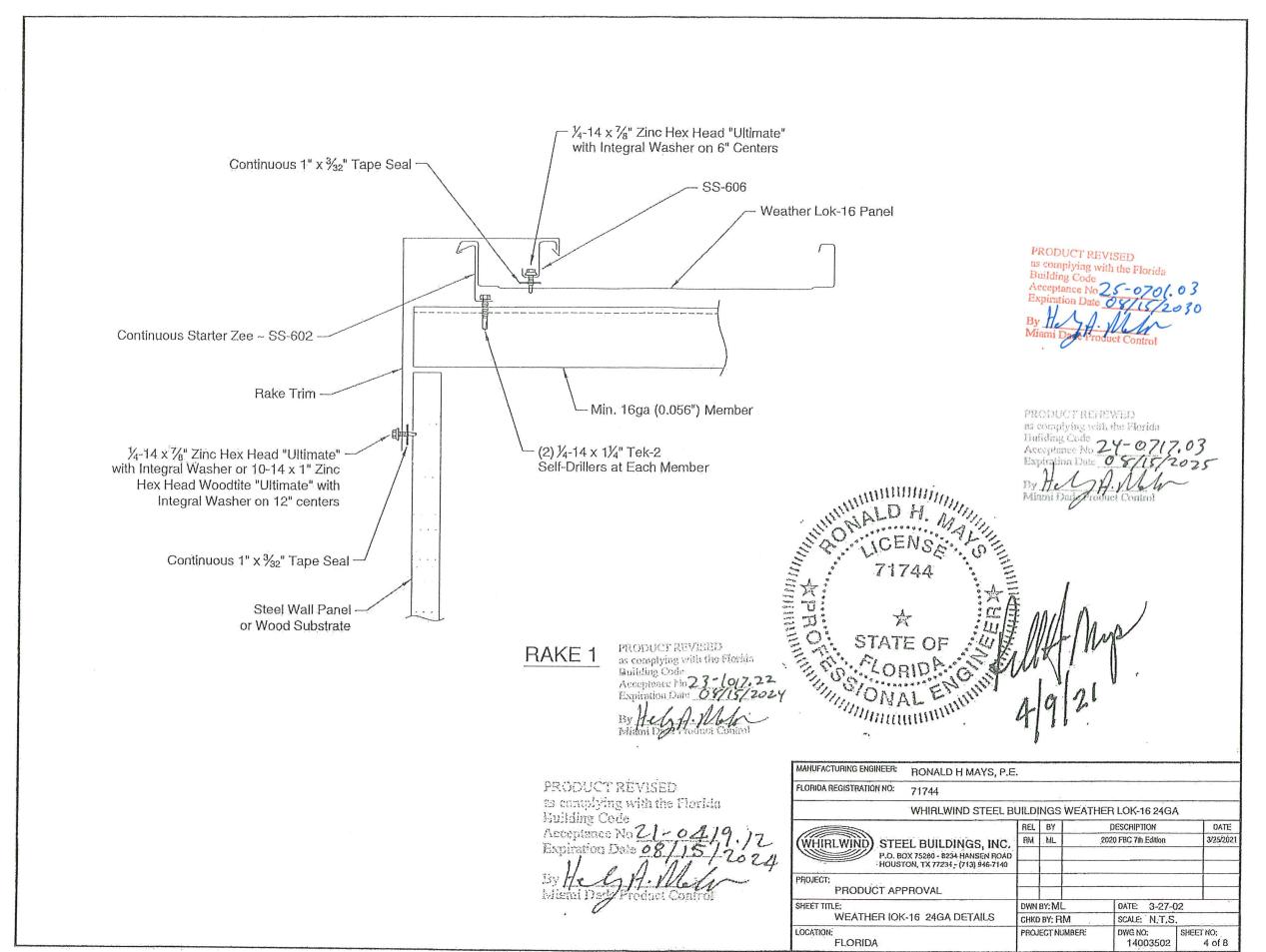
Product Control Section Supervisor

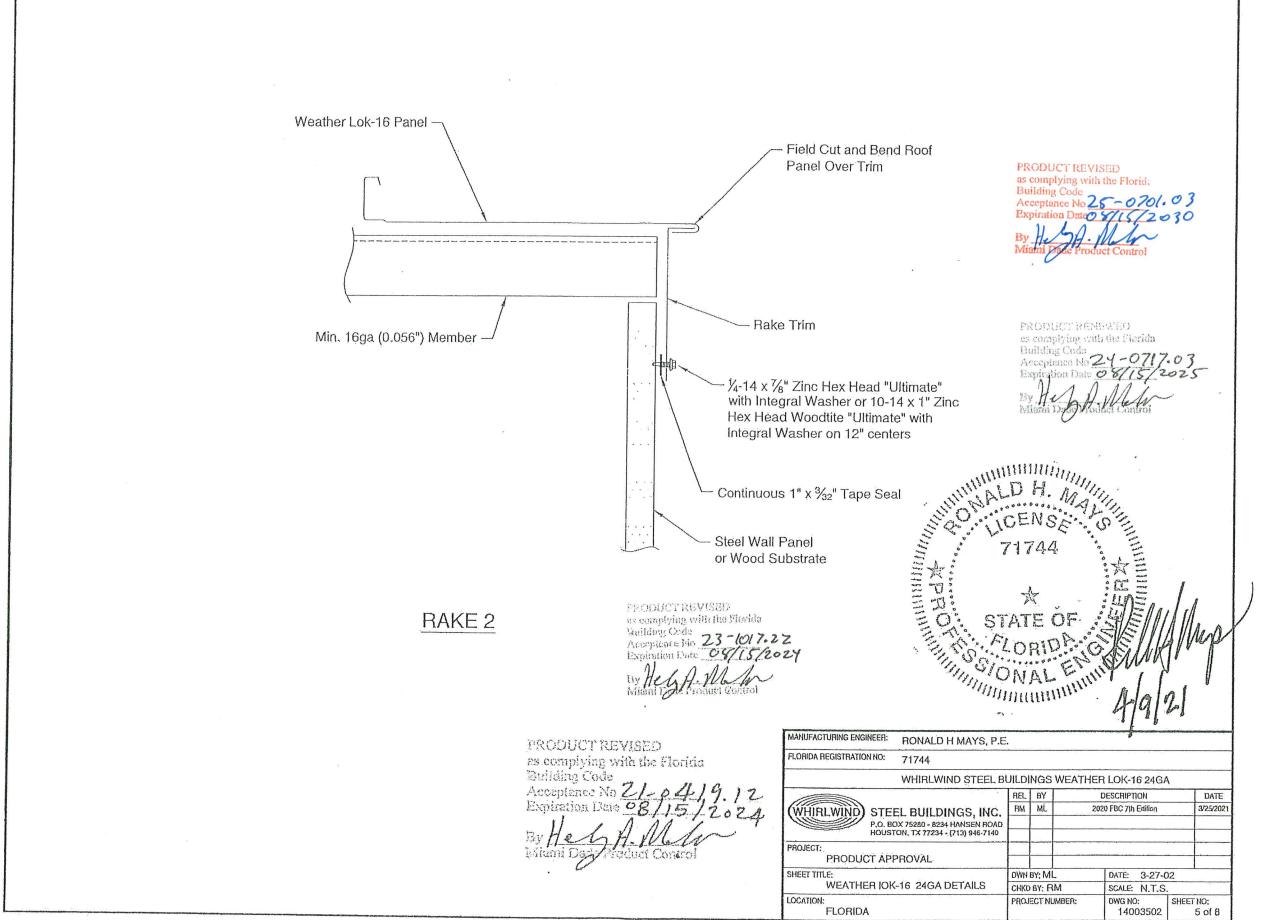
NOA No. 25-0701.03 Expiration Date: 08/15/2030

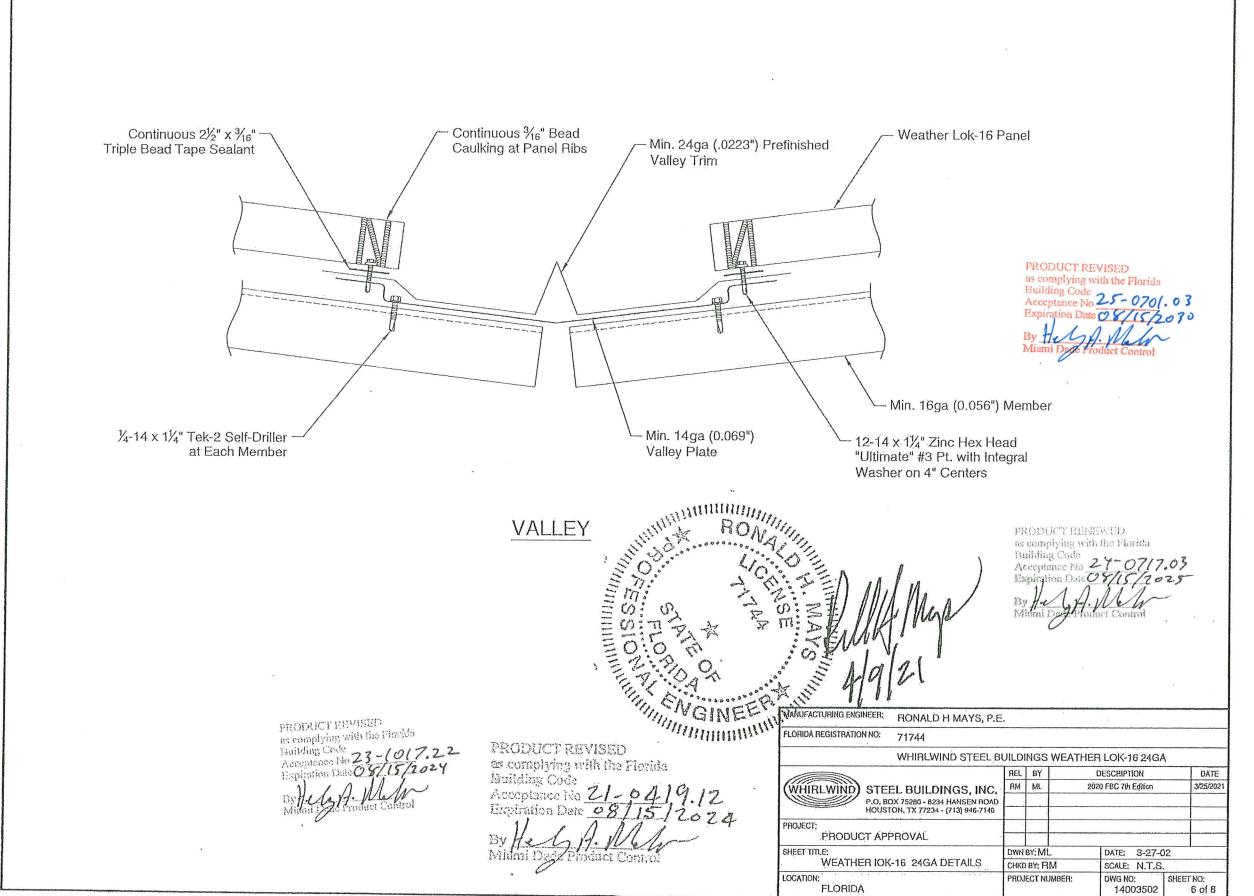


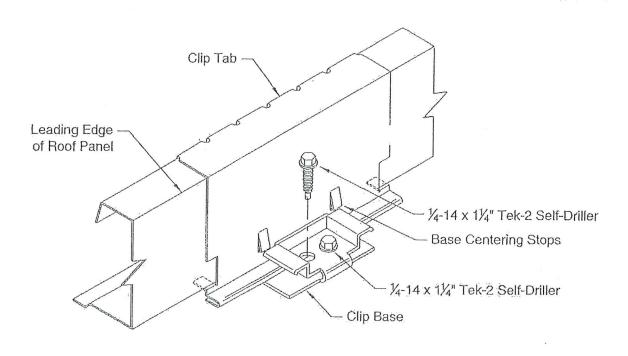




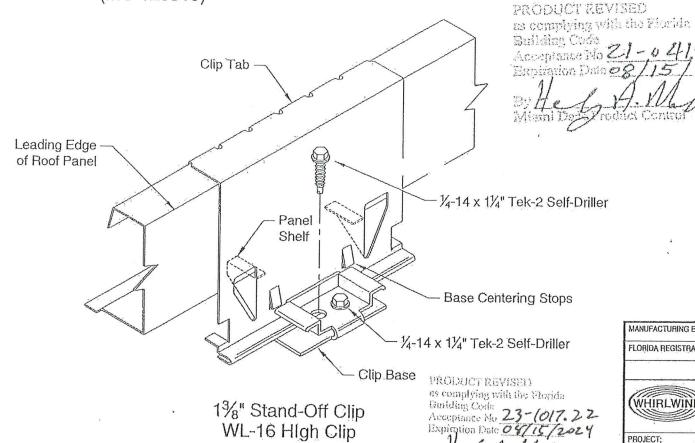








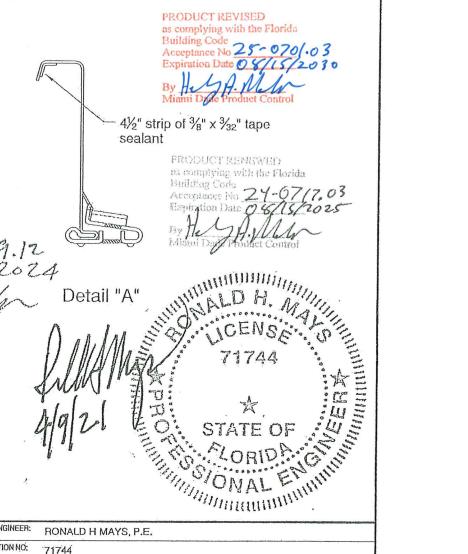
3/8" Stand-Off Clip WL-16 Low Clip (MC 120310)



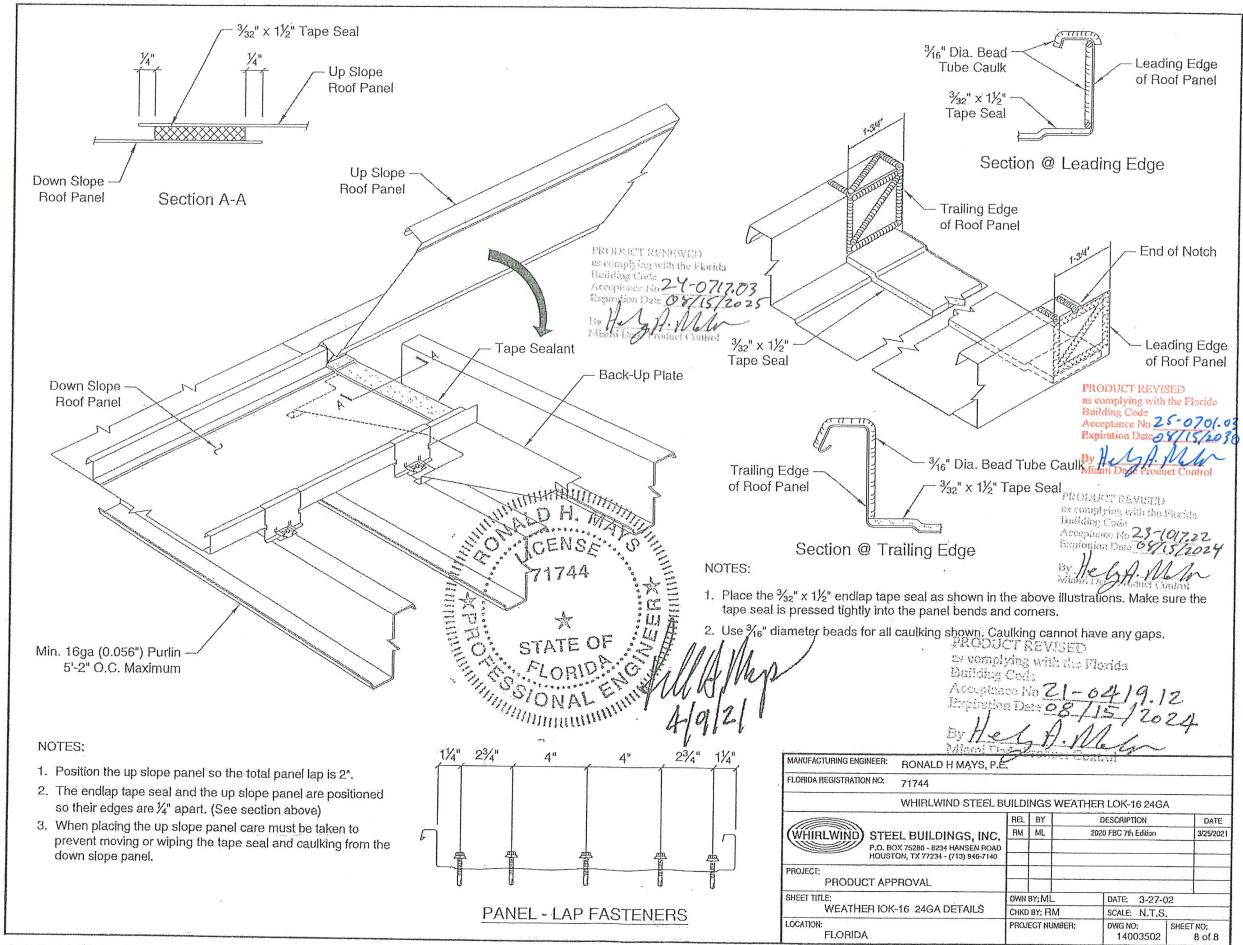
(MC 121310)

NOTES:

- 1. There are two types of clips that can be furnished with this roof system, the %" stand-off and the 1-3/8" stand-off. Both of these are floating clips.
- 2. Thermal spacers are required with the 13/6" stand-off clip.
- 3. Apply a $4\frac{1}{2}$ " strip of $\frac{3}{8}$ " x $\frac{3}{32}$ " tape sealant to the underside of the clip before installation per Detail "A".
- 4. Install panel clips along the male edge of the panel at each purlin location.
- 5. Attach clip to purlin with (2) 1/4-14 x 11/4" Tek-2 self-drilling screws per clip.



MANUFACTURING ENGINEER: RONALD H MAYS, P.E	_				
FLORIDA REGISTRATION NO: 71744					***************************************
WHIRLWIND STEEL BI	UILDI	NGS WEA	THER LOK	16 24G/	4
	FIEL	BY	DESCRI	DESCRIPTION	
WHIRLWIND STEEL BUILDINGS, INC. P.O. BOX 75280 - 8234 HANSEN ROAD HOUSTON, TX 77234 - (713) 946-7140	RM	ML	2020 FBC 7	2020 FBC 71h Edition	
				-	
PRODUCT APPROVAL					
SHEET TITLE: WEATHER IOK-16 24GA DETAILS	DWN BY: ML		DATE:	DATE: 3-27-02	
	CHKD BY: RM		SCALE	SCALE: N.T.S.	
LOCATION: FLORIDA	PROJ	ECT NUMBER		NO: 003502	SHEET NO: 7 of 8



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