

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)

Nucor Building Systems Group 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 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: Nucor CFR Structural Steel Roof Panel

APPROVAL DOCUMENT: Drawing No. MD-CFR24, titled "Nucor CFR Roof Panel", sheet 1 through 9 of 9, prepared by Jeffrey C. Walsh, P.E., dated October 29, 2019, signed and sealed by Jeffrey C. Walsh, P.E., on February 07, 2020, 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 NOA #20-0410.02 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.

MIAMI-DADE COUNTY APPROVED

HSA. Mehr 09/02/2021

NOA No. 21-0510.12 Expiration Date: 06/25/2025 Approval Date: 09/02/2021

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #20-0410.02

A. DRAWINGS

1. Drawing No. MD-CFR24, titled "Nucor CFR Roof Panel", sheet 1 through 9 of 9, prepared by Jeffrey C. Walsh, P.E., dated October 29, 2019, signed and sealed by Jeffrey C. Walsh, P.E., on February 07, 2020.

B. TEST

- 1. Test report on Uniform Static Air Pressure test and Air & Water Infiltration tests on Roof Panels over Galvanized Steel supports per TAS 125 (ASTM E 1592) prepared by Farabaugh Engineering and Testing, Inc., report No. T328-19, dated December 18, 2019, signed and sealed by Daniel G. Farabaugh, P.E.
- 2. Test report on Large Missile Impact test on Roof Panels over Galvanized Steel supports prepared by Farabaugh Engineering and Testing, Inc., report No. T327-19, dated December 18, 2019, signed and sealed by Daniel G. Farabaugh, P.E.
- 3. Susceptibility to leakage test in accordance with Protocol FM 4471, Appendix G, prepared by Farabaugh Engineering and Testing, Inc., report No. T330-19, dated November 28, 2019, signed and sealed by Daniel G. Farabaugh, P.E.
- 4. Test report on Salt Spray Testing of Coating 1000 hours per ASTM B117-95, prepared by PPG, dated 02/14/2020.
- 5. Test report on Accelerated Weathering Testing of Coating 5000 hours per ASTM G152, prepared by PPG, dated 02/2020.
- 6. Test Procedure for Wind and Wind Driven Rain Resistance of Discontinuous Roof System, per TAS 100-95, prepared by Farabaugh Engineering and Testing, Inc., report No. T329-19, dated December 19, 2019, signed and sealed by Daniel G. Farabaugh, P.E.

C. CALCULATIONS

1. Panel allowable calculation and Fasteners verification prepared by Nucor Building Systems Group, 11 pages, dated February 07, 2020, signed and sealed by Jeffrey C. Walsh, P.E.

D. QUALITY ASSURANCE

1. By Miami-Dade County department of Regulatory and economic Resources.

E. MATERIAL CERTIFICATION

1. Tensile test report of metal panel, Farabaugh Engineering and Testing, Inc., report No. T328-19, dated December 18, 2019, signed and sealed by Daniel G. Farabaugh, P.E.

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

NOA No. 21-0510.12 Expiration Date: 06/25/2025

Approval Date: 09/02/2021

Nucor Building Systems Group

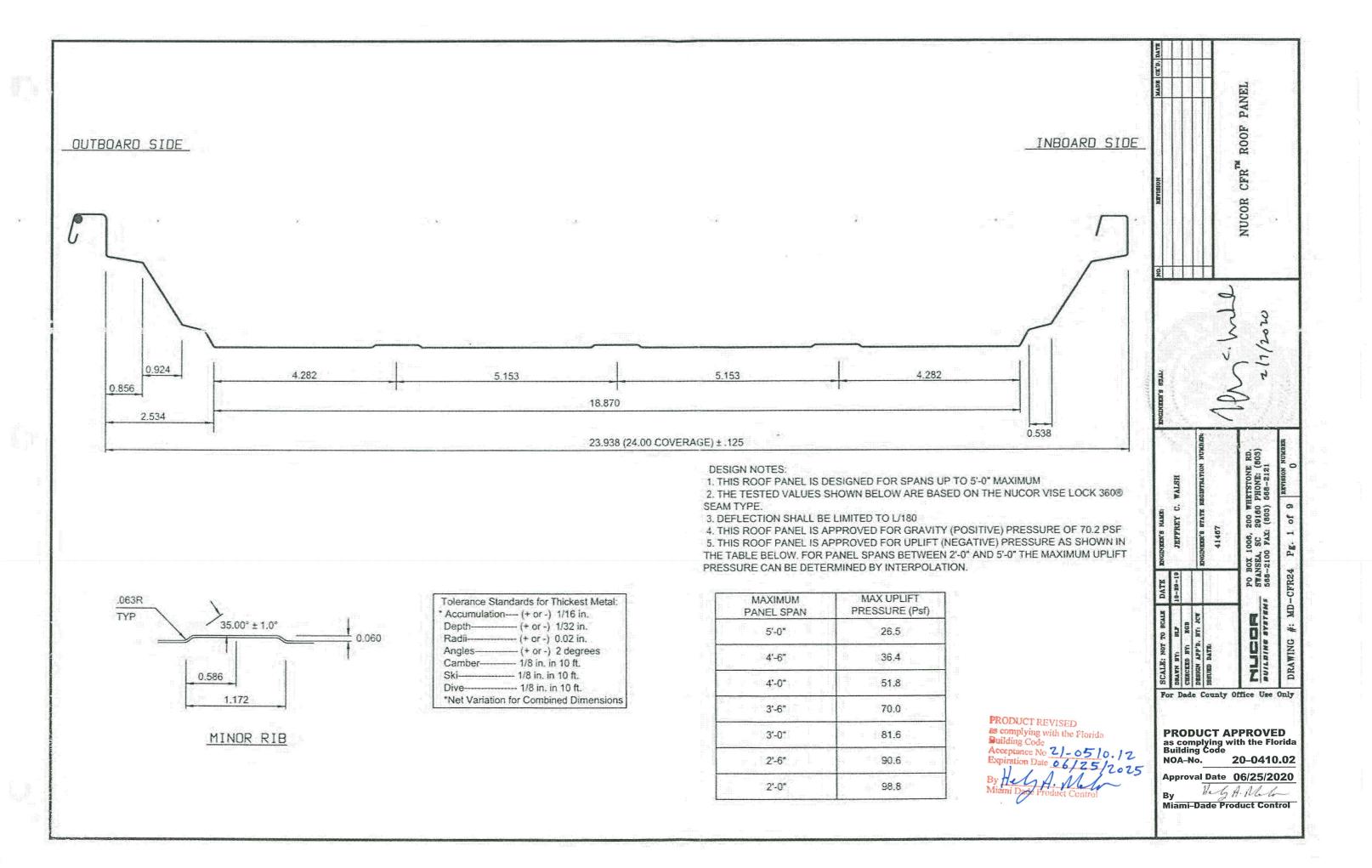
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

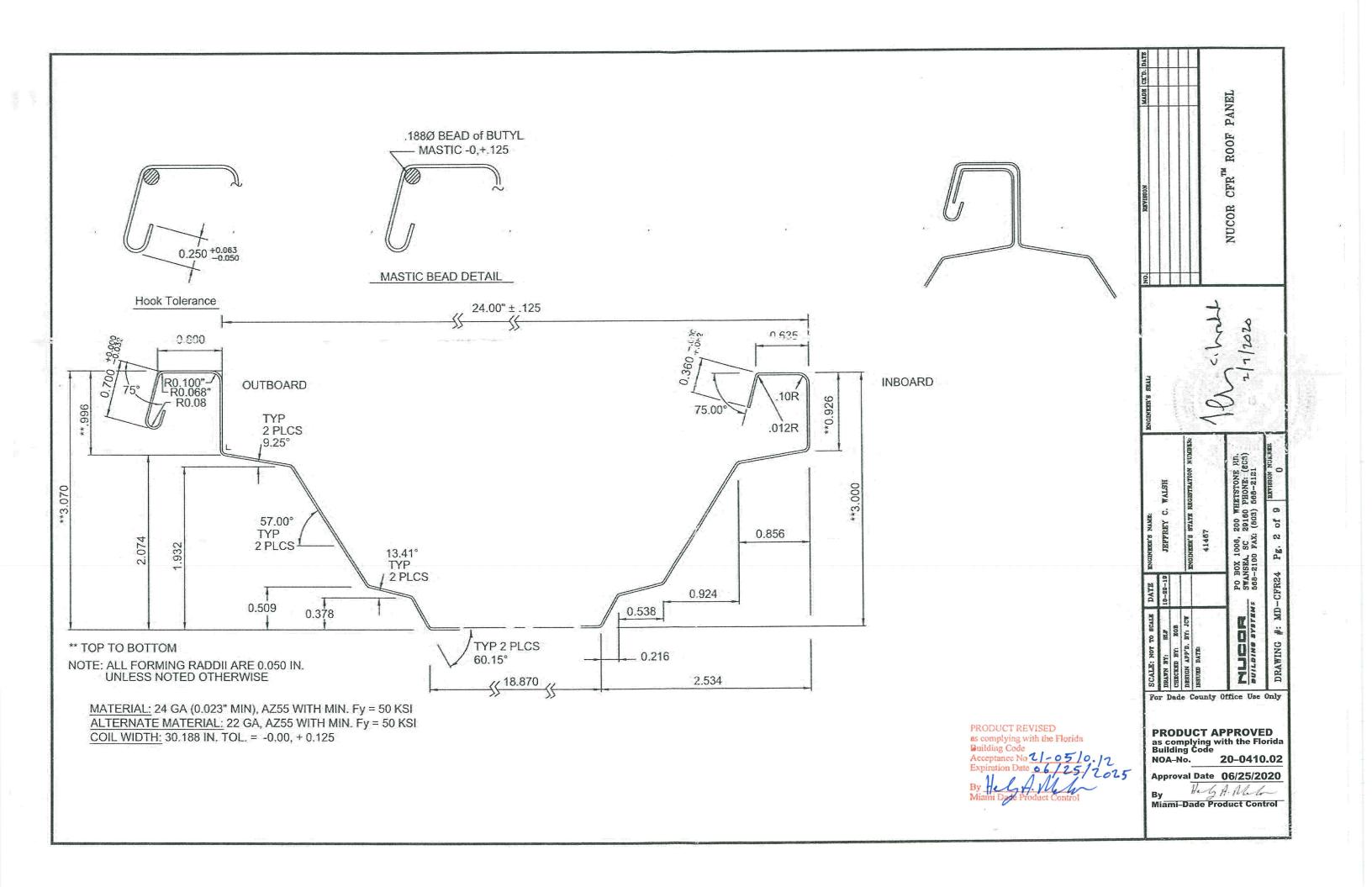
- 2. NEW EVIDENCE SUBMITTED
- A. DRAWINGS
 - 1. None.
- C. TEST
 - 1. None.
- D. CALCULATIONS
 - 1. None.
- D. QUALITY ASSURANCE
 - 1. By Miami-Dade County department of Regulatory and economic Resources.
- E. MATERIAL CERTIFICATION
 - 1. None.
- F. STATEMENTS
 - 1. FBC, 2020 Edition Compliance Letter prepared by Nucor Building Systems, dated May 03, 2021, signed and sealed by Jeff Walsh, P.E.

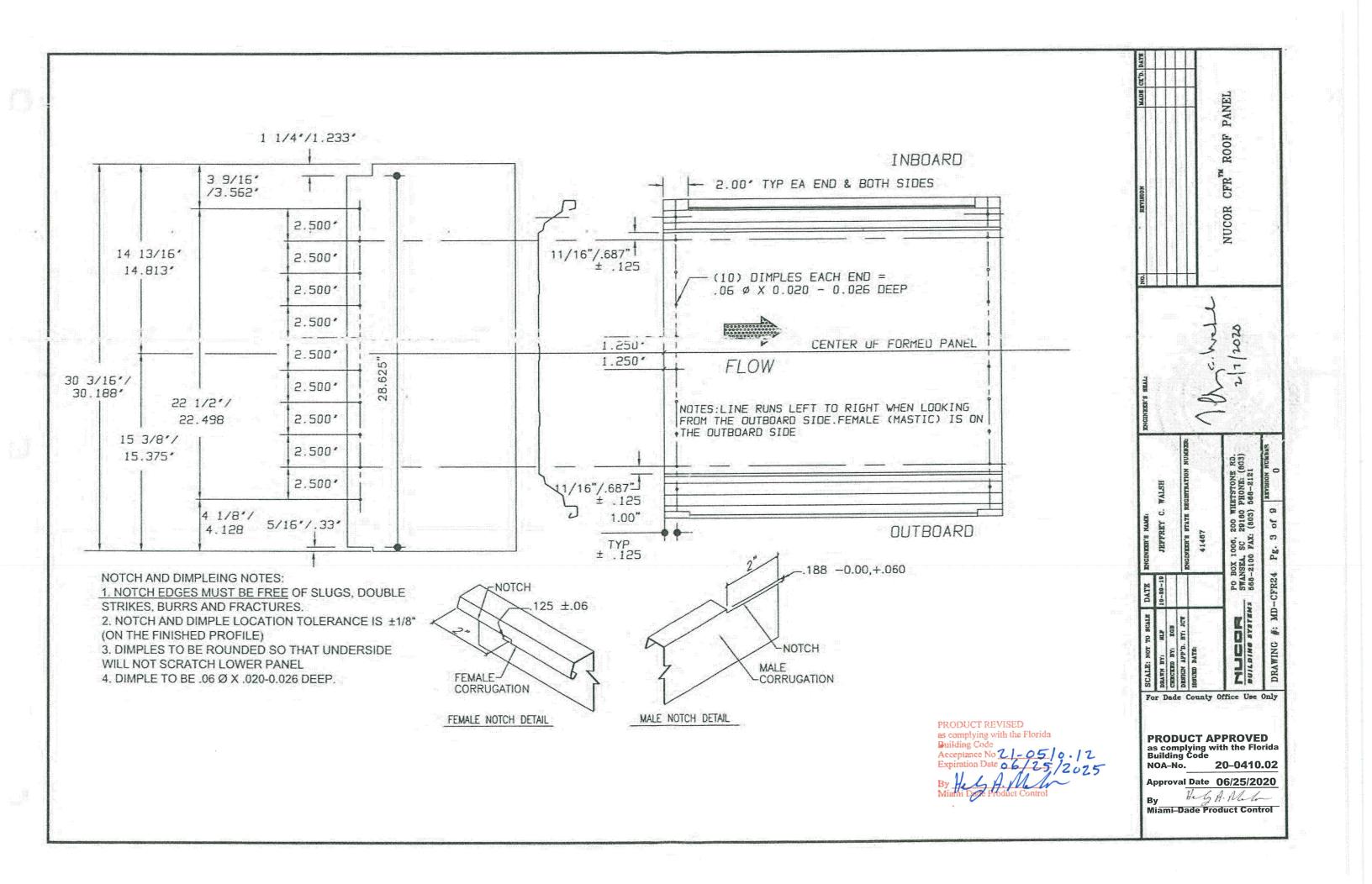
Helmy A. Makar, P.E., M.S. Product Control Section Supervisor

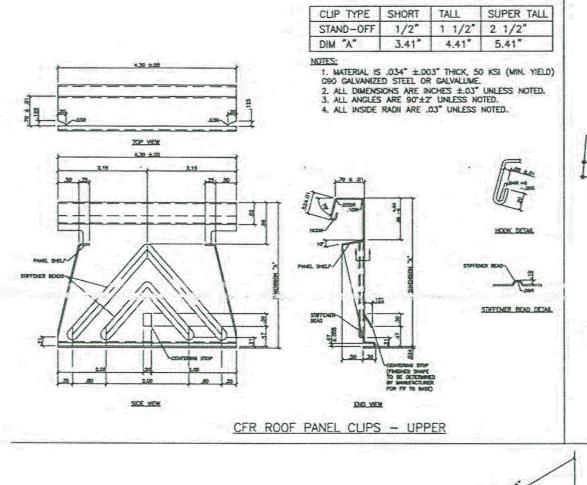
NOA No. 21-0510.12 Expiration Date: 06/25/2025

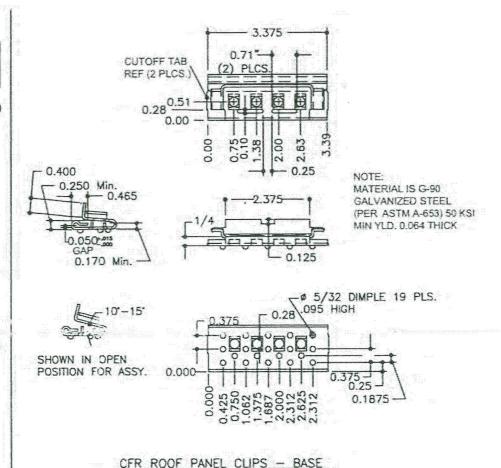
Approval Date: 09/02/2021



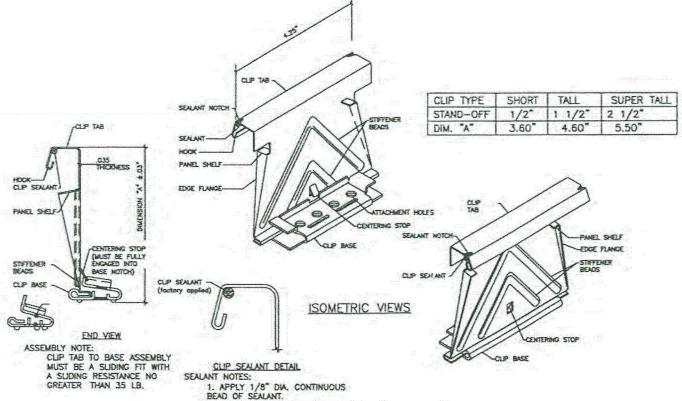








CFR ROOF PANEL CLIPS - ASSEMBLED



2. SEALANT MUST START AND FINISH ±0.03 FROM THE ENDS OF THE CUP

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 21-05/0.12
Expiration Date 06/25/2025
By J. J. Williami Dady Product Control

ROOF CFR NUCOR 200 WHETSTONE KD. 20160 PHONE: (803) 6 ن Jo Q DRAWING For Dade County Office Use Only PRODUCT APPROVED as complying with the Florida Building Code

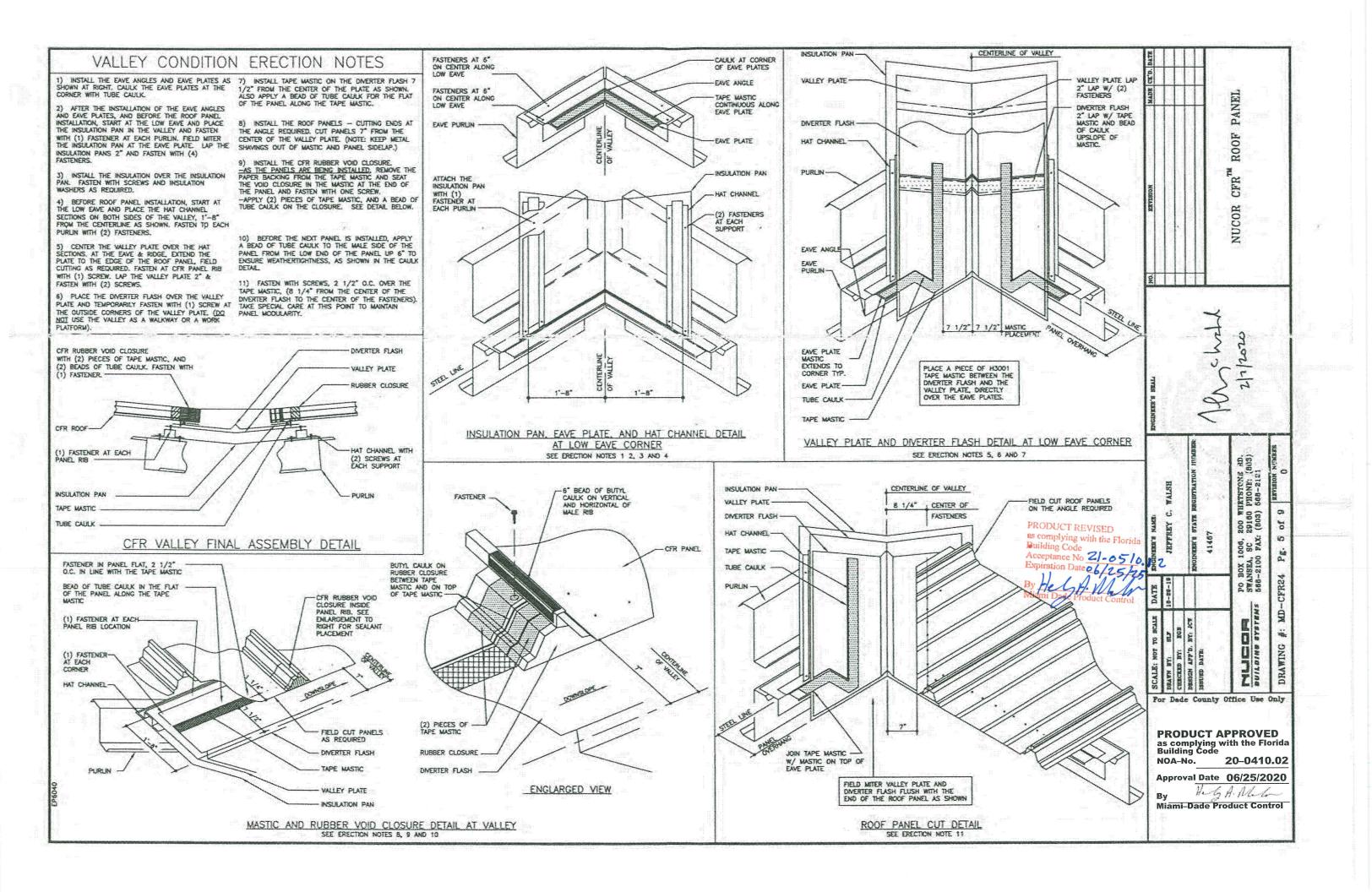
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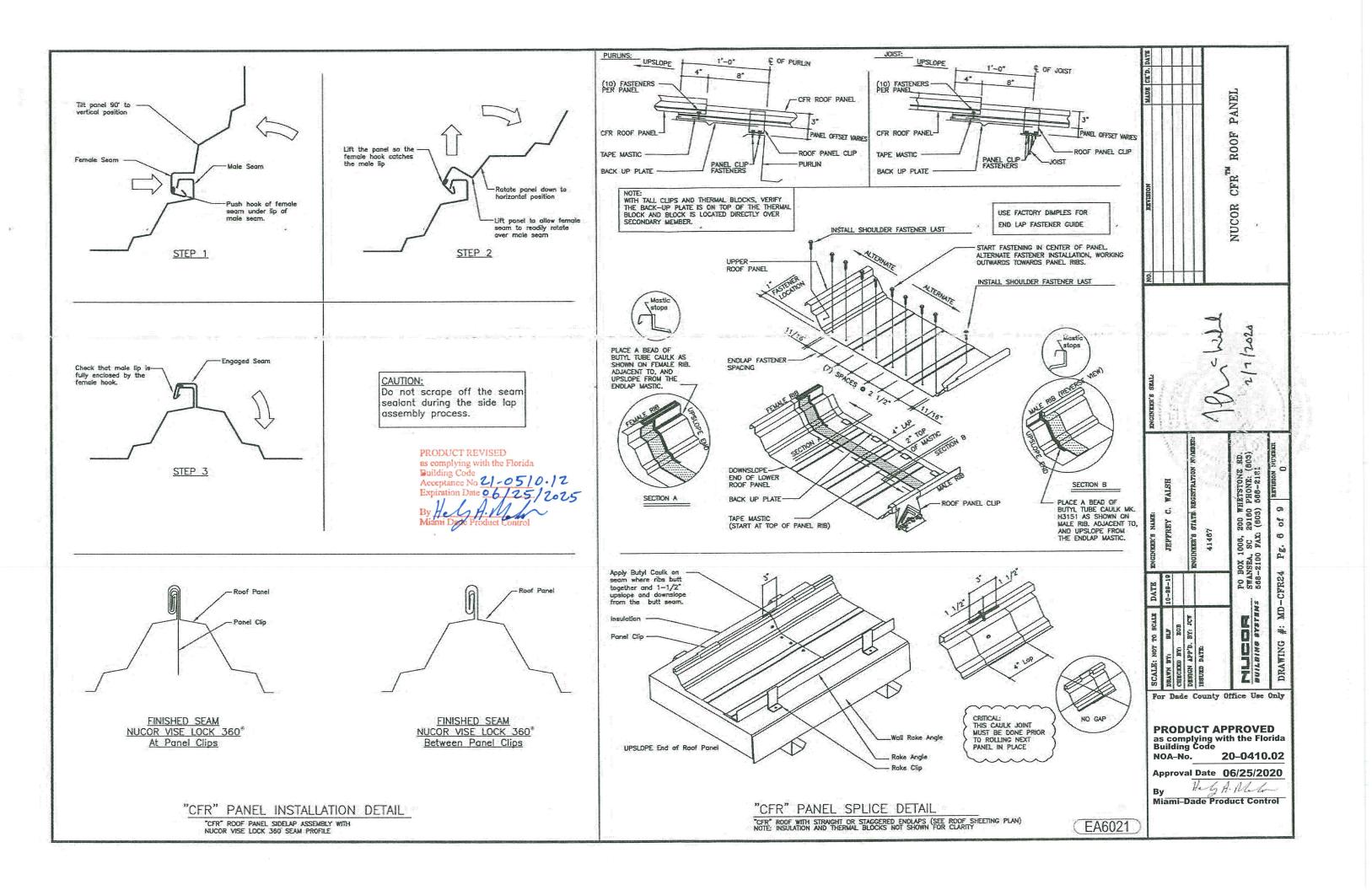
Approval Date 06/25/2020

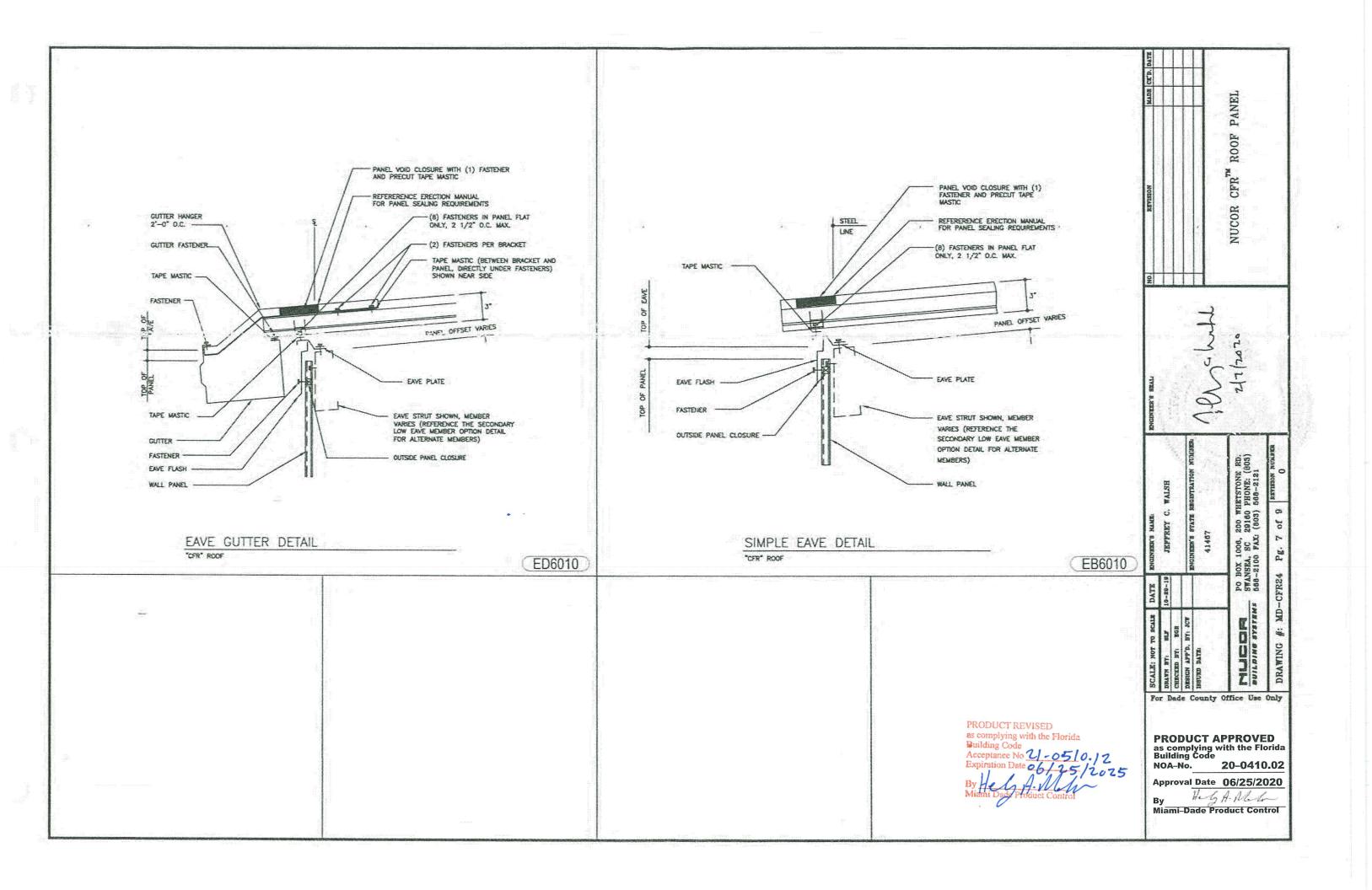
By Help A. Melo Miami-Dade Product Control

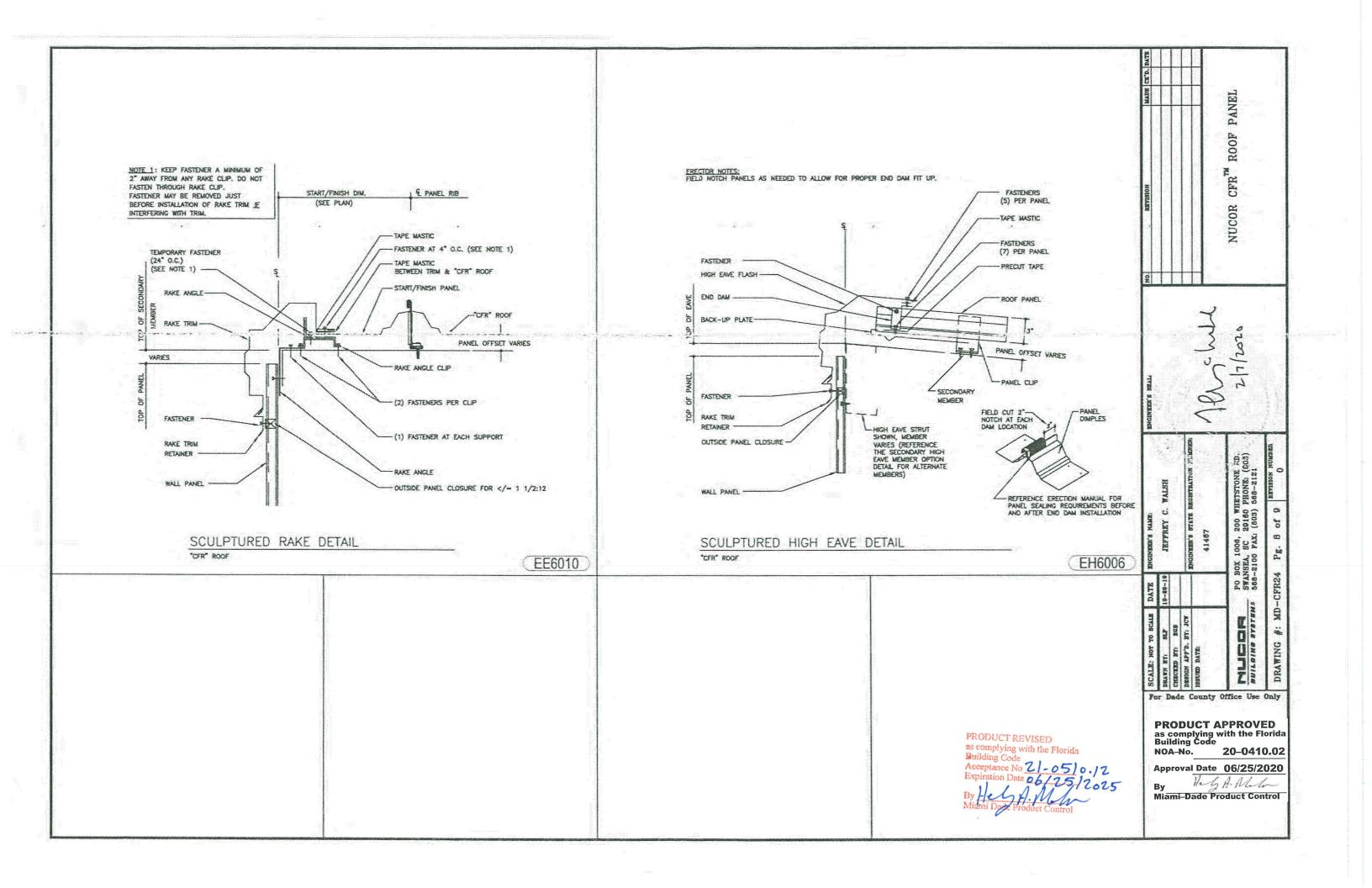
NOA-No.

PANEL









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PANEL SEALING REQUIREMENTS BEFORE AND AFTER END DAM INSTALLATION BACKUP PLATE TAPE MASTIC PANEL CUP ROOF PANEL FASTENERS (3) PER PANEL FASTENERS (7) PER PANEL J* PANEL OFFSET VARIES SECONDARY MEMBER PANEL CUP FASTENERS SECONDARY MEMBER PANEL CUP FASTENERS		TEREY C. WALSH TO TO THEY TO TO THEY TO TO TO THEY TO TO TO THEY TO TO TO TO THEY TO TO TO TO TO THEY TO TO TO TO TO THEY TO TO TO TO THEY TO TO TO TO TO THEY TO TO TO TO THEY TO TO TO TO THEY TO TO THEY TO TO THEY TO TO THEY TO TO THEY TO TO THEY TO THEY TO TO THEY
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