

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION NOTICE OF ACCEPTANCE (NOA)

Arrow United Industries a division of Mestek, Inc. 450 Riverside Drive Wyalusing, PA 18853

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model EAV-66 6" Aluminum Louver System

APPROVAL DOCUMENT: Drawing No. **1504**, titled "EAV-66 Vertical Louver System", sheets 1 through 9 of 9, dated 10/18/2006, with last revision C dated 08/01/2016, prepared by W. W. Schaefer Engineering and consulting, P.A., signed and sealed, by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and 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 # 17-0713.06** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



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NOA No. 20-0622.12 Expiration Date: March 15, 2022 Approval Date: August 20, 2020 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOAs

A. DRAWINGS "Submitted under NOA #16-0808.13"

1. Drawing No. 1504, titled "EAV-66 Vertical Louver System", sheets 1 through 9 of 9, dated 10/18/2006, with last revision C dated 08/01/2016, prepared by W. W. Schaefer Engineering and consulting, P.A., signed and sealed, by Warren W. Schaefer, P.E.

B. TESTS "Submitted under NOA # 08-0904.01"

- 1. Test report on Large Missile Test (Level E) and on Cyclic Load Test per ASTM 1886/1996 of an EAV-66 Aluminum Louver System, prepared by Hurricane Test Laboratories LLC., Test Report No. 0198-0109-07, dated 03/08/2007, signed and sealed by Vinu J. Abraham, P.E.
- 2. Test report on Wind Driven Rain Test per TAS 100(A) of an EAV-66 Aluminum Louver with AFD-20 Damper, prepared by PRI Construction Materials Technologies, LLC, Test Report No. AWV-006-02-01, dated 02/07/2008, signed and sealed by Duc T. Nguyen, P.E.
- 3. Test report on Wind Driven Rain Test per TAS 100(A) of an EAV-66 Aluminum Louver with AC-525, prepared by PRI Construction Materials Technologies, LLC, Test Report No. AWV/AUI-006-02-01, dated 02/14/2008, signed and sealed by Duc T. Nguyen, P.E.

"Submitted under NOA # 06-1211.03"

4. Test report on Large Missile Impact Test per FBC, TAS 201, Cyclic Wind Pressure Test per FBC, TAS 203 and Uniform Static Air Pressure Test per FBC, TAS 202 of an EAV-66 Aluminum Louver System, prepared by Hurricane Test Laboratories, LLC, Report No. 0198-0712-06, dated 11/07/2006, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS "Submitted under NOA #16-0808.13"

1. Anchor calculations prepared by W.W. Schaefer Engineering and Consulting P.A., dated 08/01/2016, signed and sealed by Warren W. Schaefer, P.E.

"Submitted under NOA # 11-1115. 02"

2. Anchor calculations prepared by W.W. Schaefer Engineering and Consulting P.A., dated 11/07/2011, signed and sealed by Warren W. Schaefer, P.E.

"Submitted under NOA # 08-0904.01"

3. Anchorage, stress and deflection calculations of the Louver System with AFD-20 Dampers, sheets 1 through 4 of 4 and with AC-525/526 Dampers, sheets 1 and 2 of 2, both dated 07/22/2008, prepared by W.W. Schaefer Engineering and Consulting P.A., signed and sealed by Warren W. Schaefer, P.E.

"Submitted under NOA # 06-1211.03"

4. Anchorage calculations, 13 pages for Arrow United Industries, **Model EAV-66** Vertical Louver, prepared by W.W. Schaefer Engineering and Consulting P.A., signed and sealed on 11/07/2006 by Warren W. Schaefer, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 20-0622.12 Expiration Date: March 15, 2022 Approval Date: August 20, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS "Submitted under NOA #16-0808.13"

- 1. Statement letter of code conformance to the 5th edition (2014) FBC issued by W.W. Schaefer Engineering and Consulting P.A., dated 08/01/2016, signed and sealed by Warren W. Schaefer, P.E.
- 2. Statement letter of no financial interest issued by W.W. Schaefer Engineering and Consulting P.A., dated 08/01/2016, signed and sealed by Warren W. Schaefer, P.E.

2. NEW EVIDENCE SUMBITTED

A. DRAWINGS

1. None.

B. TESTS

1. None.

- C. CALCULATIONS
 - 1. None.
- D. QUALITY ASSURANCE
 - 1. None.

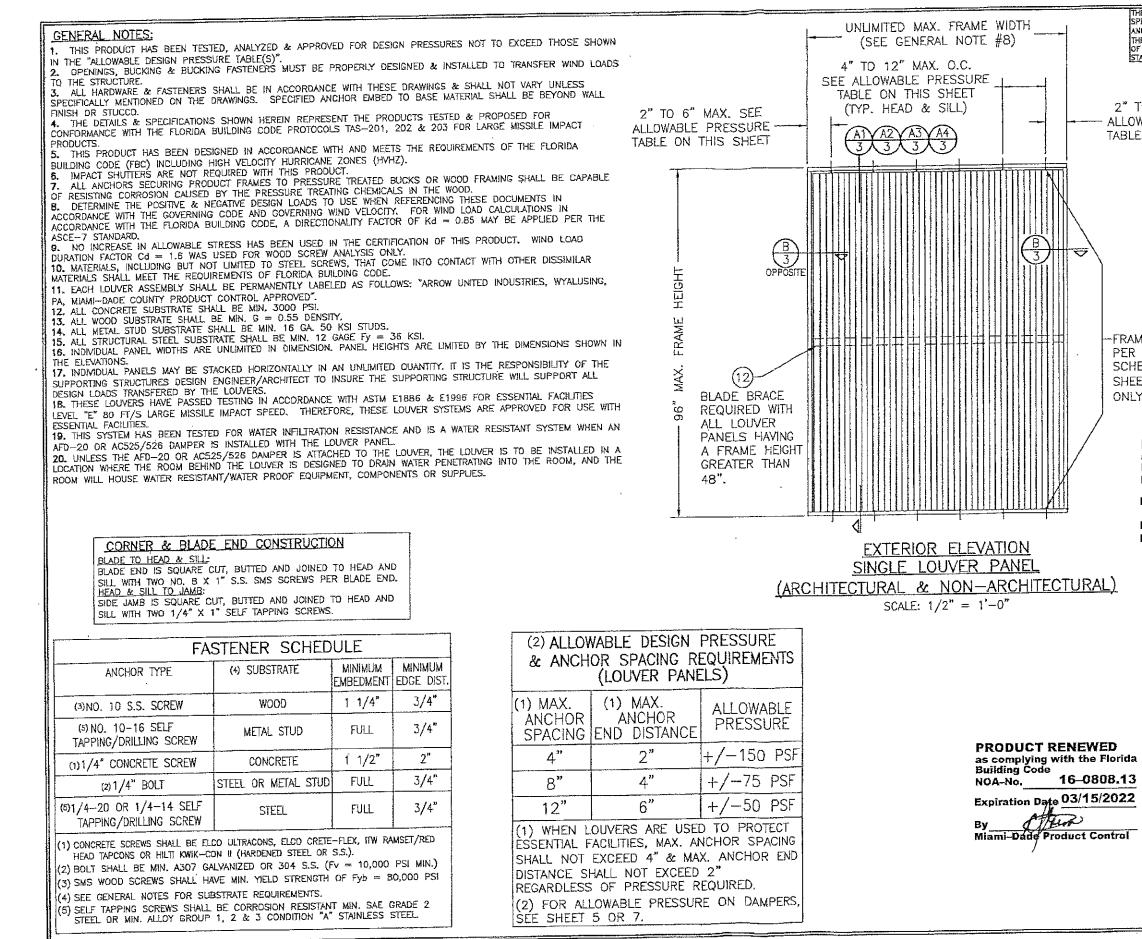
E. MATERIAL CERTIFICATIONS

1. None.

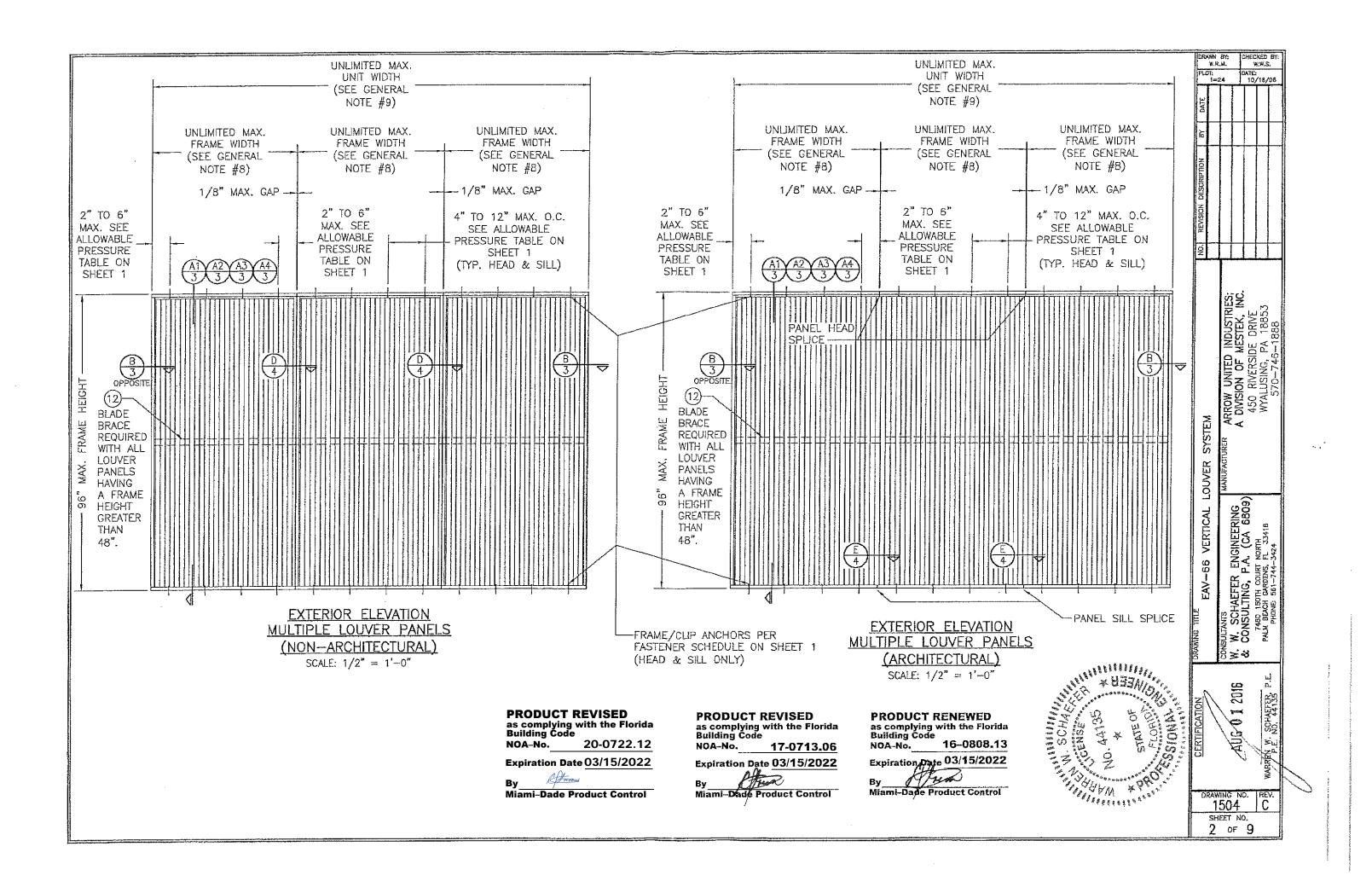
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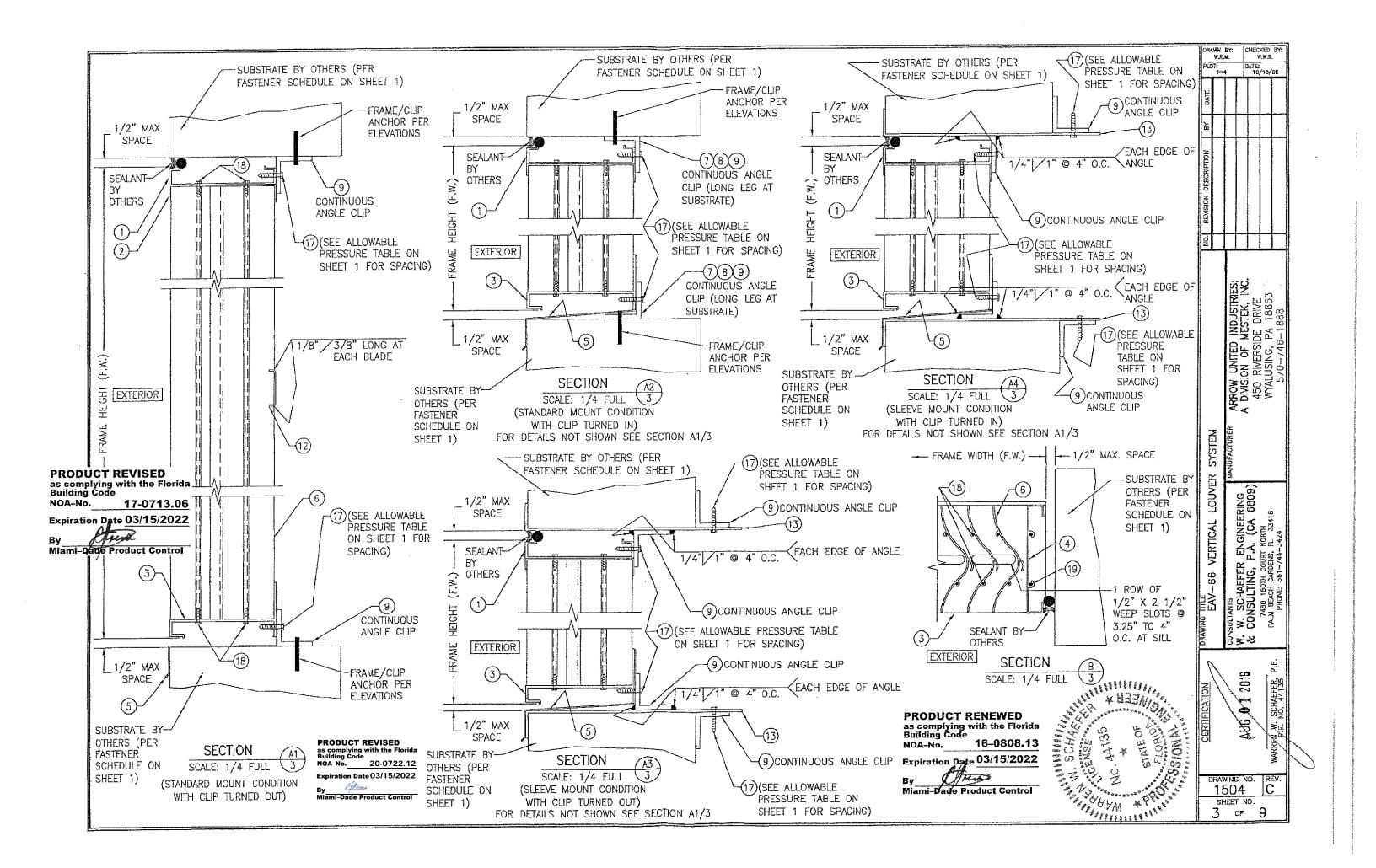
1. Statement letter of code conformance to the 6th Edition (2017) and 7th Edition (2020) FBC issued by W. W. Schaefer Engineering & Consulting, P.A., dated 06/03/2020, signed and sealed by Warren W. Schaefer, P.E.

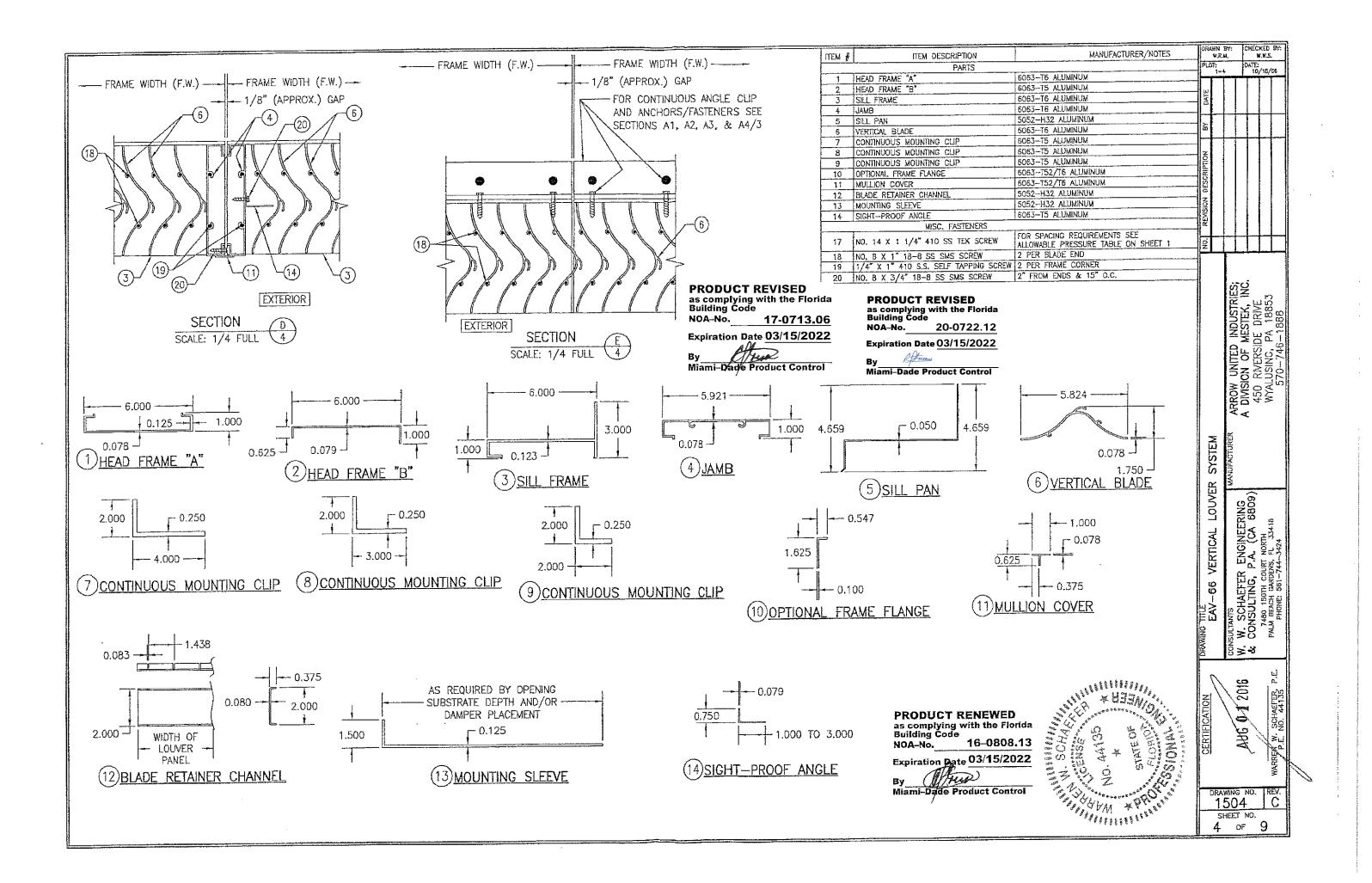
Carlos M. Utrera, P.E. Product Control Examiner NOA No. 20-0622.12 Expiration Date: March 15, 2022 Approval Date: August 20, 2020

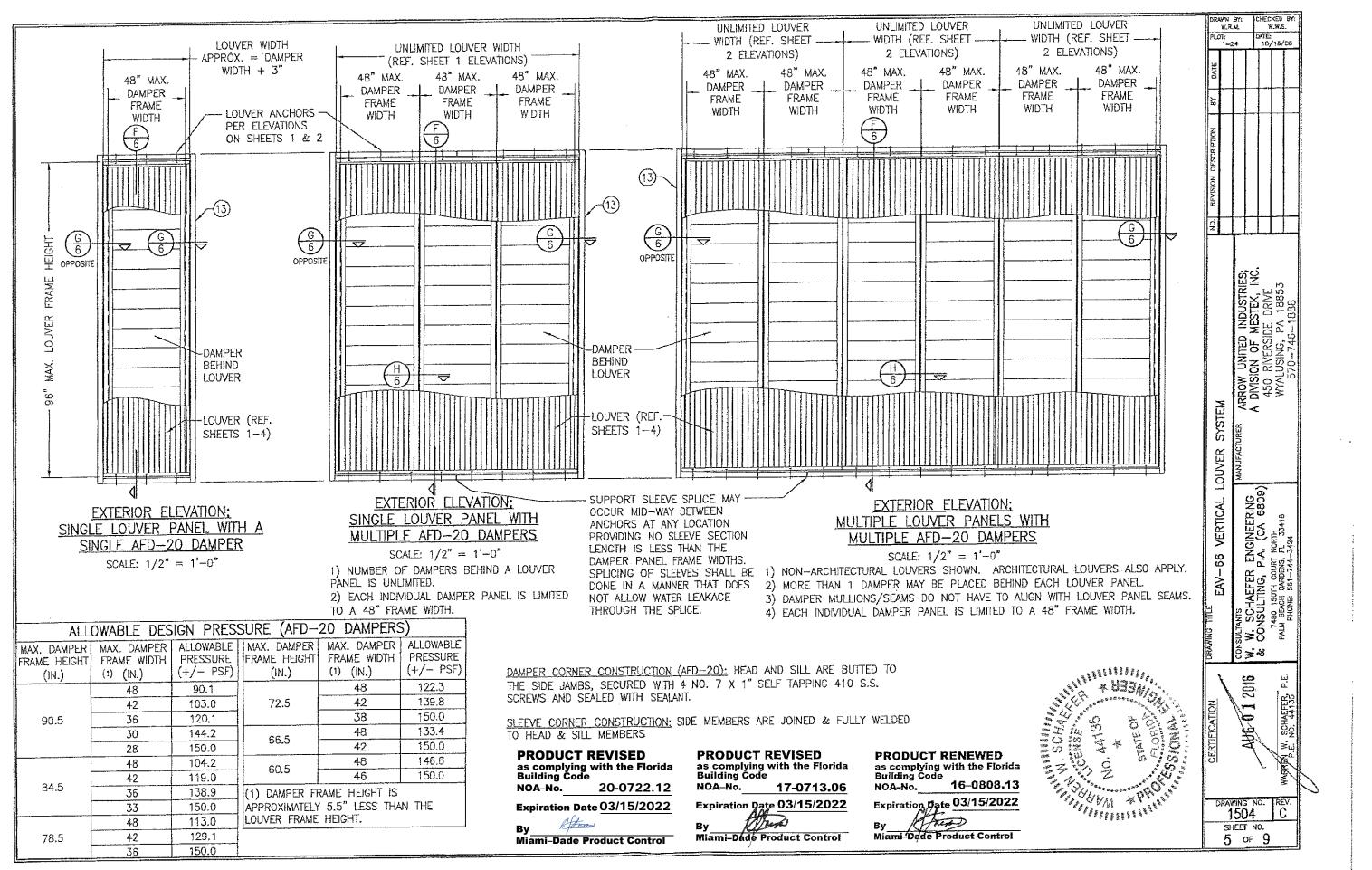


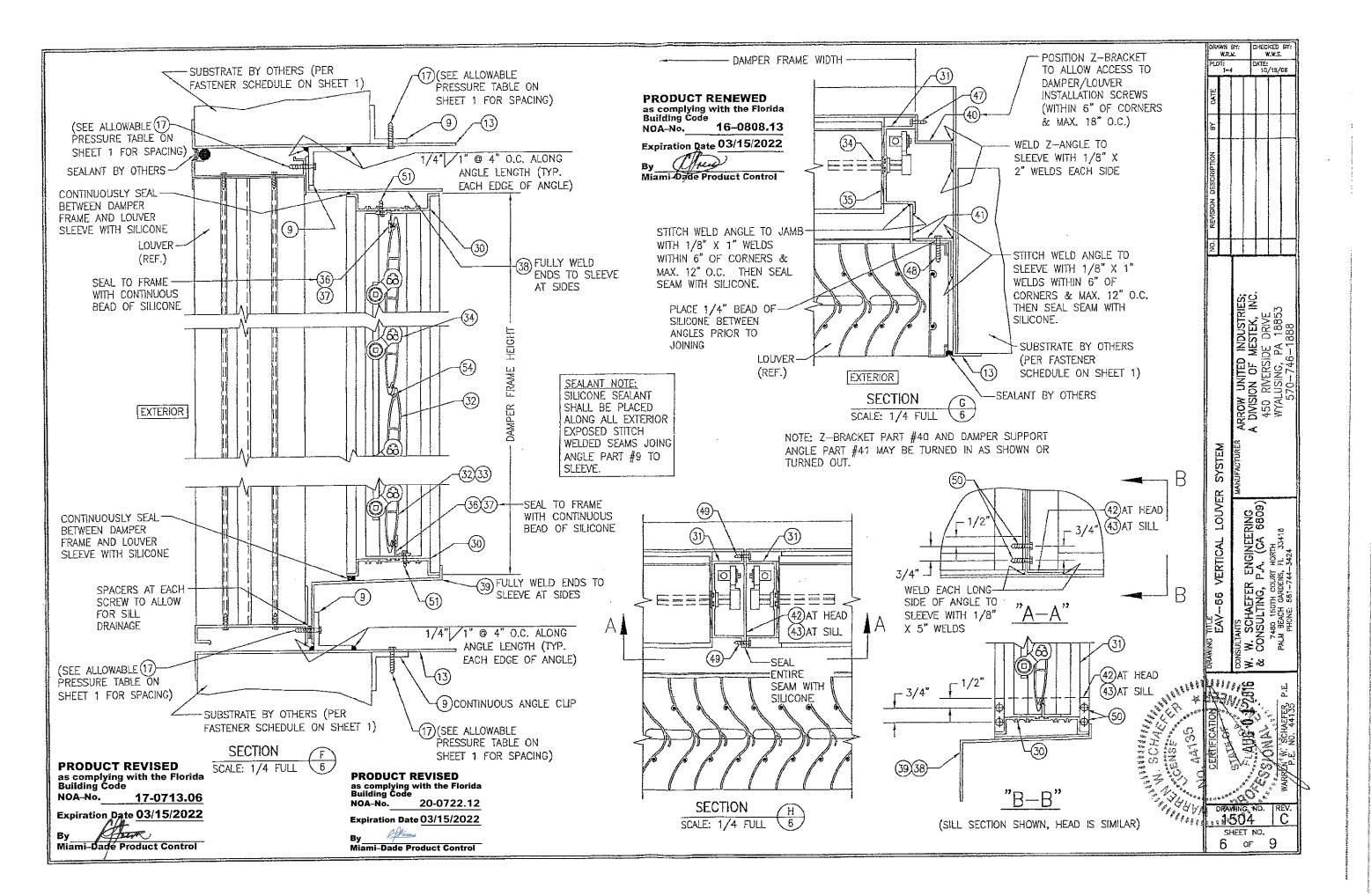
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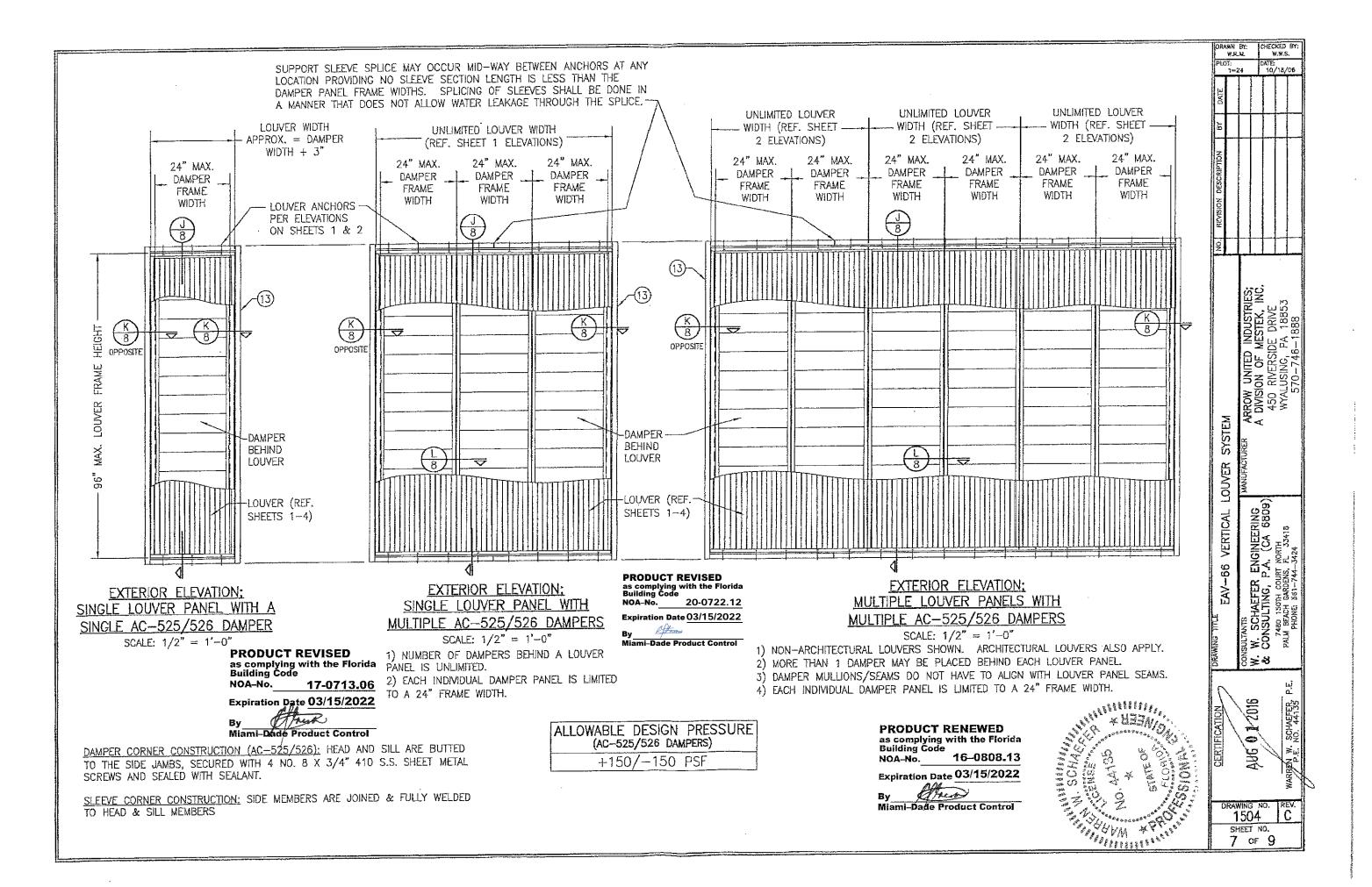


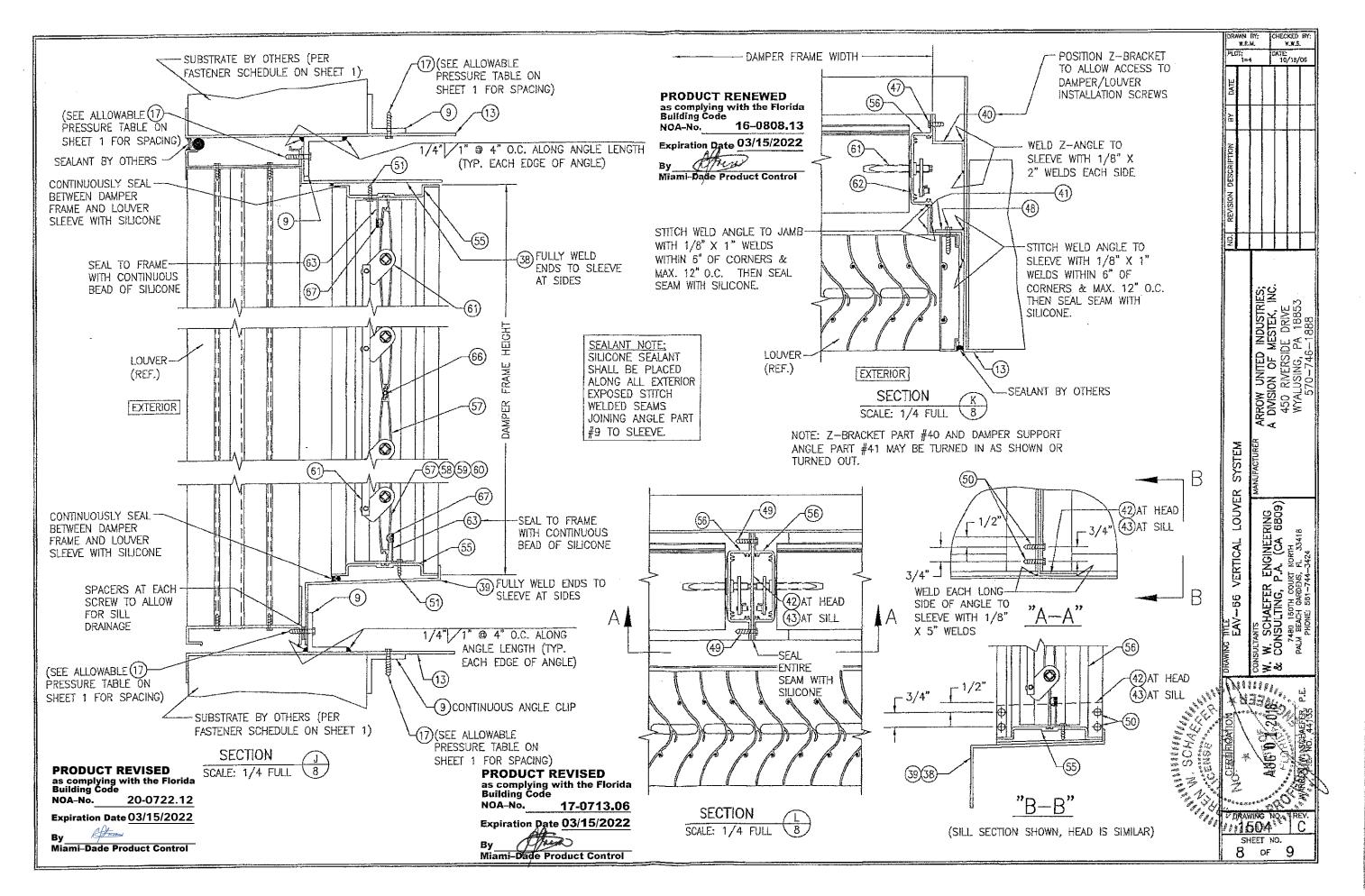




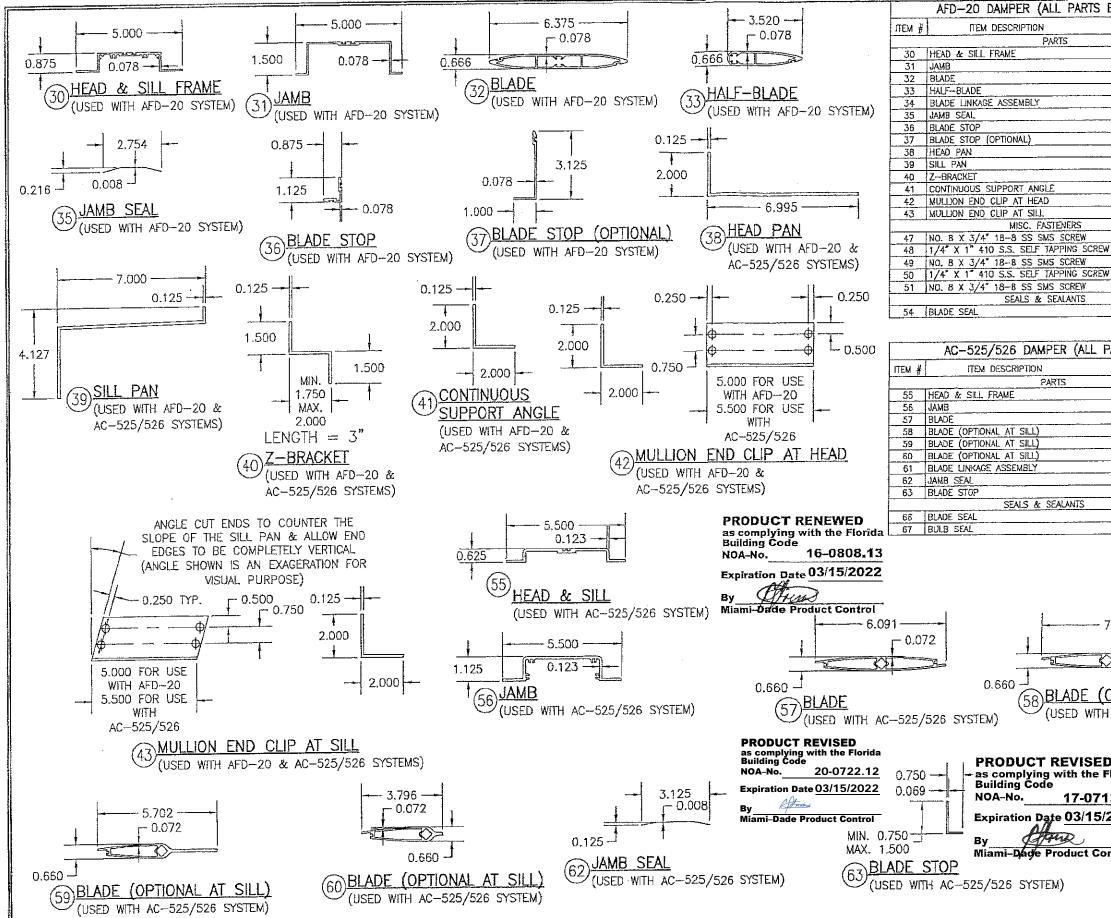








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