

# 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/building

# DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

# NOTICE OF ACCEPTANCE (NOA)

Nailor Industries Inc. 4714 Winfield Road Houston, TX 77039

**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 1675WDVM Aluminum Louver – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **1675WDVM**, titled "1675WDVM Louver", sheets 1 through 12 of 12, prepared by manufacturer, dated 09/25/2017, with revision C dated 05/10/2024, signed and sealed by Wayne K. Helmila, 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, Houston, TX, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**LIMITATION:** This system is to be installed in a location where the room behind the louver is designed to drain water penetrating into the room, and the room will house water resistant/waterproof equipment, components, or supplies.

**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 No. 23-0724.22 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.

MIAMI-DADE COUNTY
APPROVED

NOA No. 24-0516.03 Expiration Date: August 30, 2028 Approval Date: July 18, 2024 Page 1

07/08/24

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA # 18-0117.11

#### A. DRAWINGS

1. Drawing No. **1675WDVM**, titled "1675WDVM Louver", sheets 1 through 11 of 11, dated 09/25/17, prepared by the manufacturer, signed and sealed by Wayne K. Helmila, P.E.

## B. TESTS "Submitted under NOA No. 18-0117.11"

- Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 2) Large Missile Impact Test per FBC, TAS 201-94
  - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with installation diagram of Model 1675 WDVM Louver System, prepared by Intertek, Test Report No. **H4890.01-801-18-R3**, dated 09/27/17 and revised on 05/18/18, signed and sealed by Tyler Westerling, P.E.

- 2. Test Report on Wind Driven Rain Resistance per TAS 100(A)-95 on a Model 1675WDVM Vertical Aluminum Louver, prepared by Intertek, Test Report No. **H0051.02-801-18 R1**, dated 09/28/17, revised on 11/21/17, signed and sealed by Tyler Westerling, P.E
- 3. Test Report on High Velocity Wind Driven Rain Resistance per AMCA 550-15 on a Model 1675WDVM Vertical Aluminum Louver, prepared by Intertek/ATI, Test Report No. **H0051.01-801-18-R3**, dated 04/20/2017, revised on 11/21/2017, signed and sealed by Tyler Westerling, P.E.

## C. CALCULATIONS

1. Louver structural calculations dated 10/26/17, prepared by Rice Engineering, signed and sealed by Wayne K. Helmila, P.E.

## D. QUALITY ASSURANCE

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

## E. MATERIAL CERTIFICATIONS

1. None.

## F. STATEMENTS

- 1. Statement letter of code conformance to the **FBC** 6<sup>th</sup> **Edition (2017)** issued by Rice Engineering, dated 04/16/18, signed and sealed by Wayne K. Helmila, P.E.
- 2. Statement letter of no financial interest issued by Rice Engineering, dated 04/16/18, signed and sealed by Wayne K. Helmila, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0516.03
Expiration Date: August 30, 2028

Approval Date: July 18, 2024

## **Nailor Industries Inc.**

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## 2. EVIDENCE SUBMITTED UNDER NOA # 21-0630.09 AND NEW

## A. DRAWINGS

1. Drawing No. **1675WDVM**, titled "1675WDVM Louver", sheets 1 through 12 of 12, prepared by manufacturer, dated 09/25/2017, with revision C dated 05/10/2024, signed and sealed by Wayne K. Helmila, P.E.

#### B. TESTS

1. None.

## C. CALCULATIONS

1. Louver calculations, prepared by Rice Engineering, dated 05/10/2024, signed and sealed by Wayne K. Helmila, P.E.

## D. QUALITY ASSURANCE

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

## E. MATERIAL CERTIFICATIONS

1. None.

## F. STATEMENTS

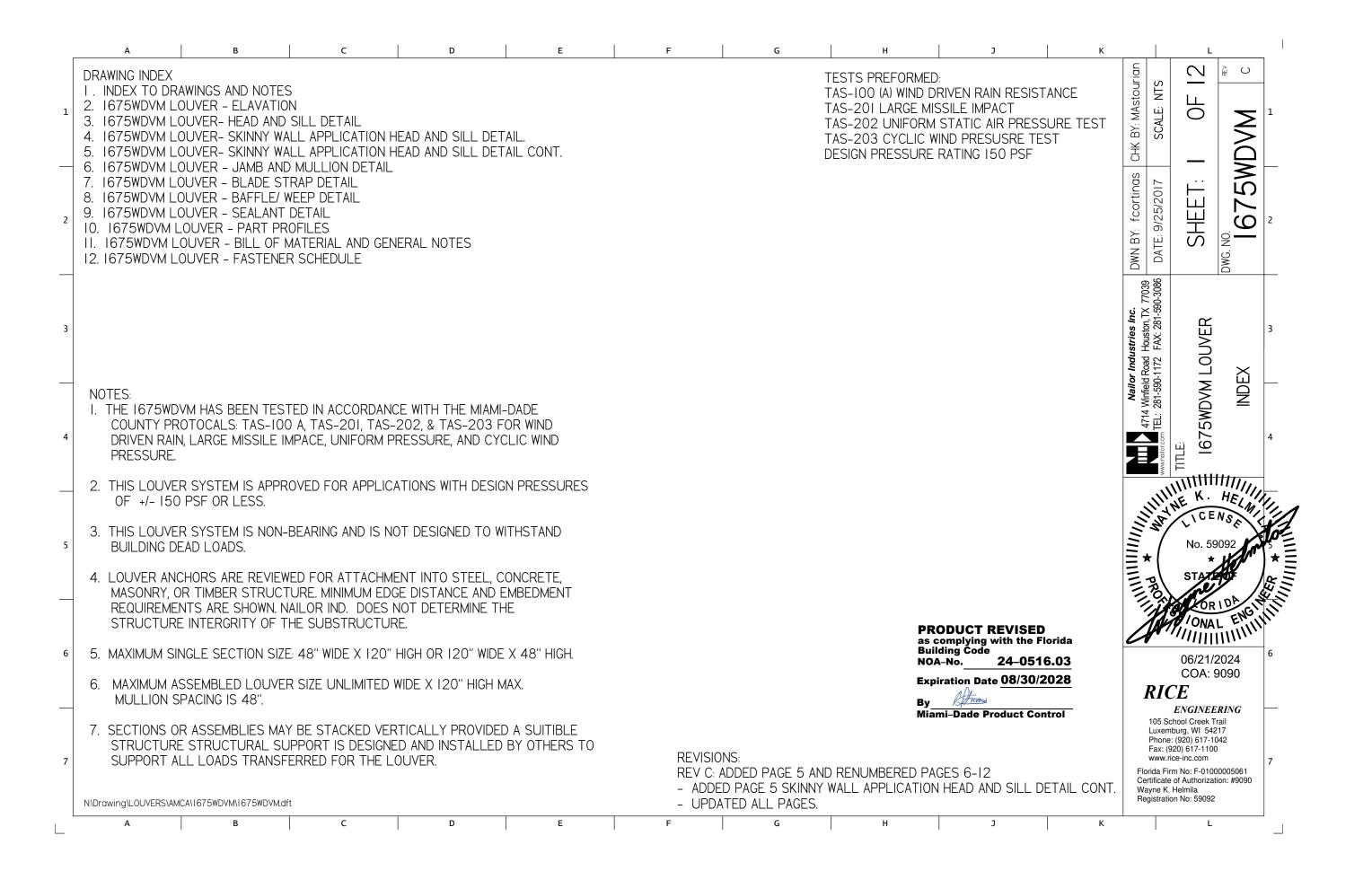
1. Statement letter of code conformance to the 8<sup>th</sup> edition (2023) of the FBC, issued by Rice Engineering, dated 05/10/2024, signed and sealed by Wayne K. Helmila, P.E.

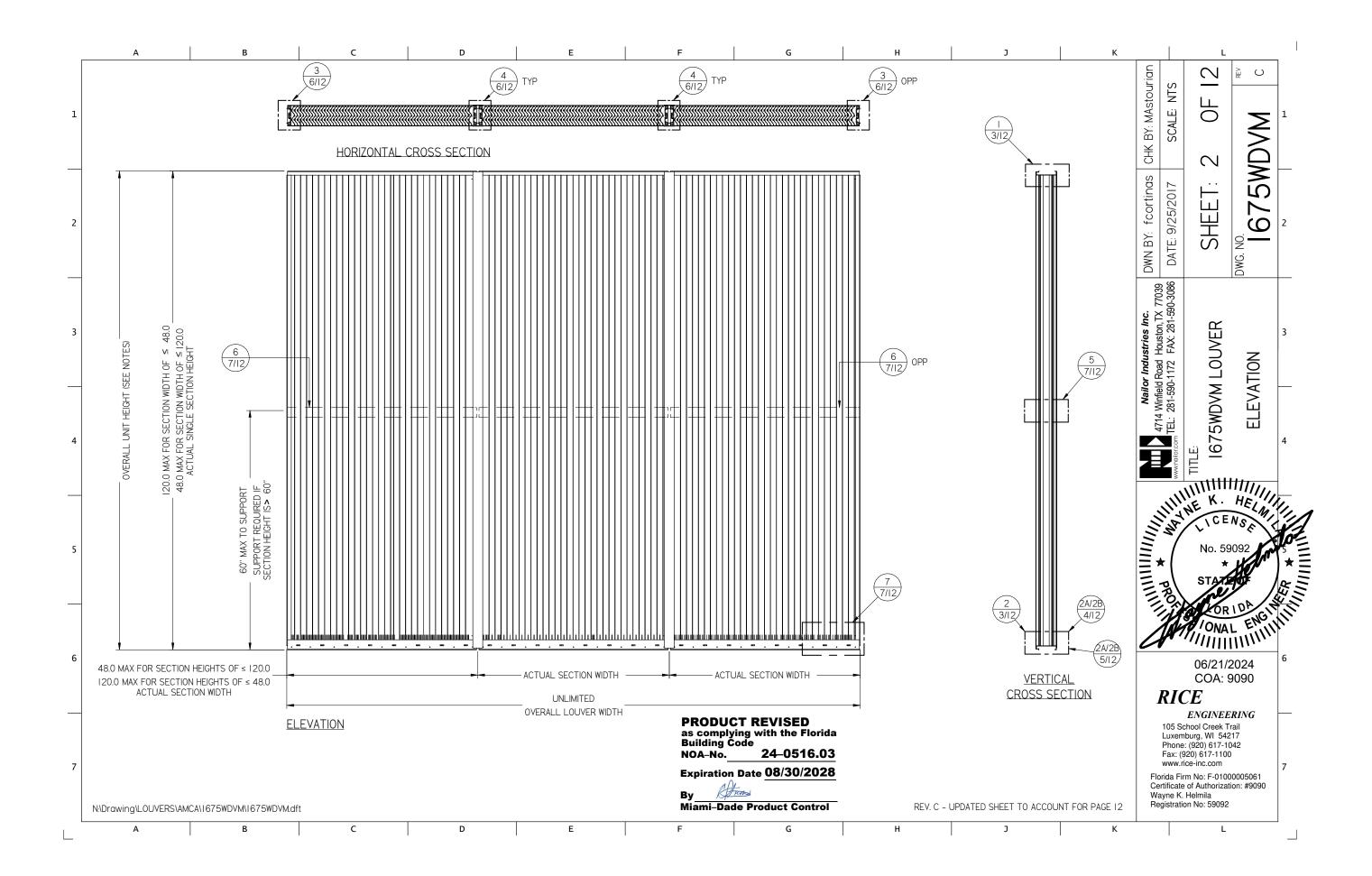
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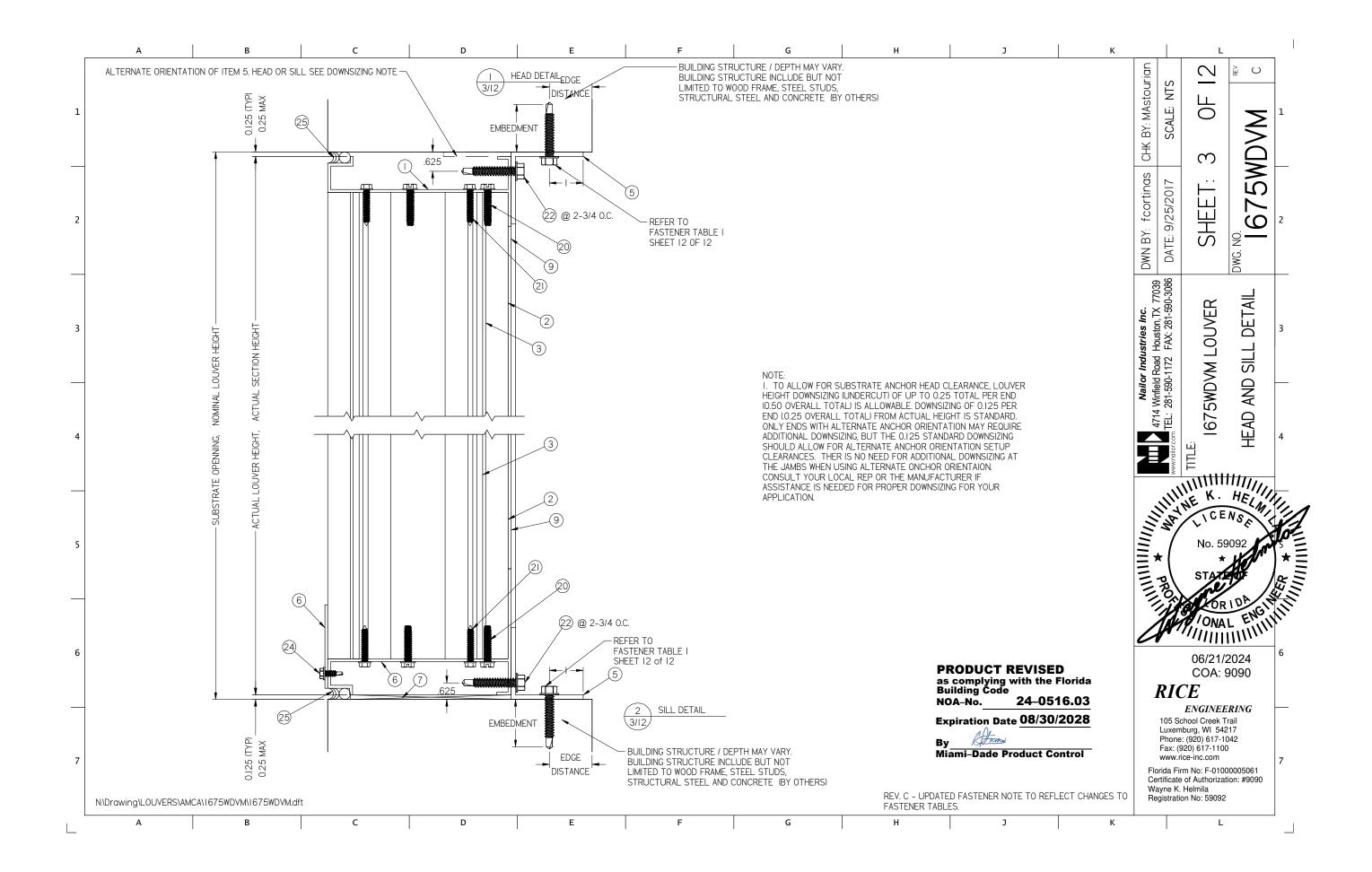
2. Statement letter of code conformance to the 7<sup>th</sup> edition (2020) FBC, issued by Rice Engineering, dated 08/16/21, signed and sealed by Wayne K. Helmila, P.E.

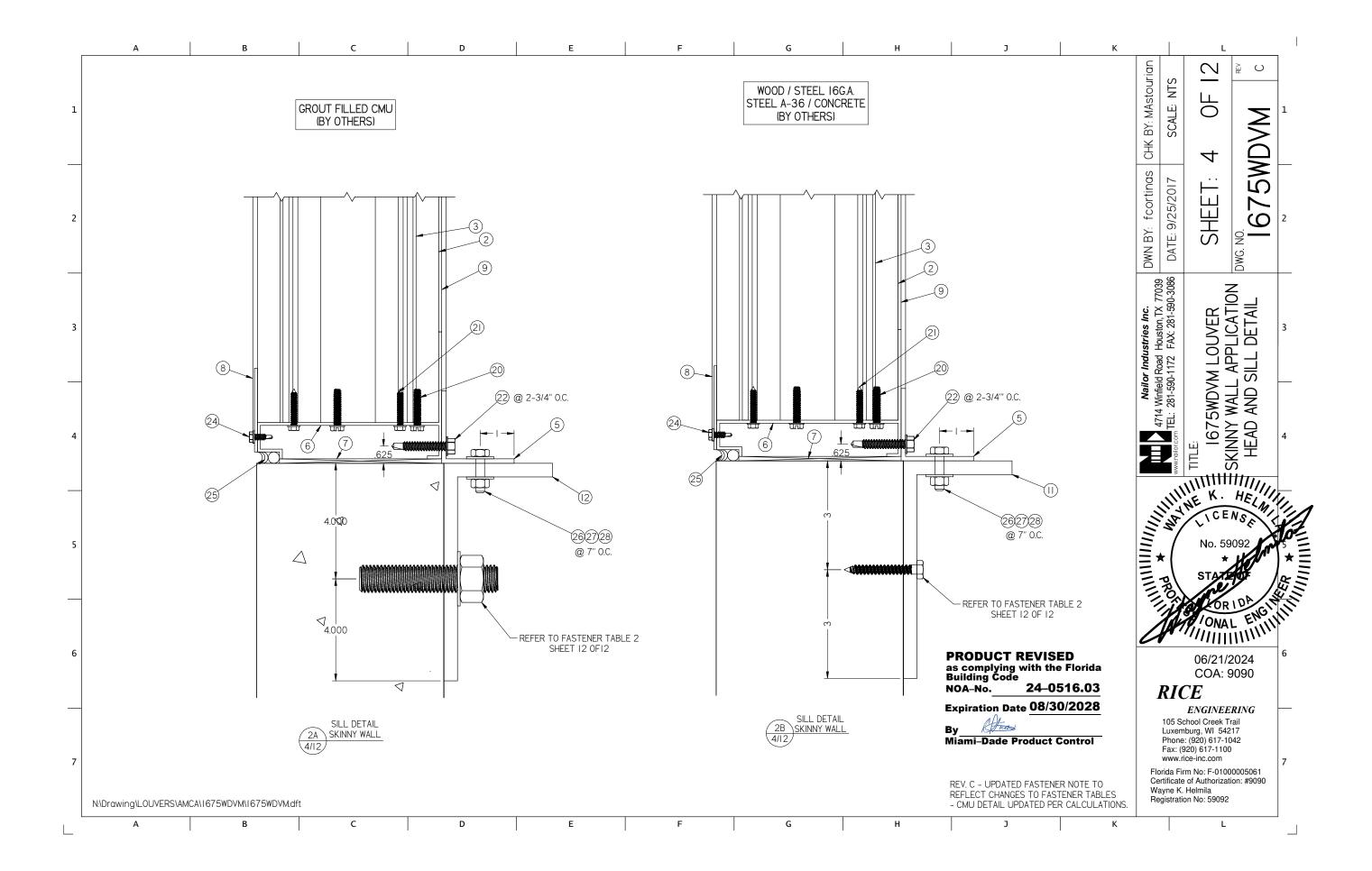
Carlos M. Utrera, P.E. Product Control Examiner NOA No. 24-0516.03 Expiration Date: August 30, 2028

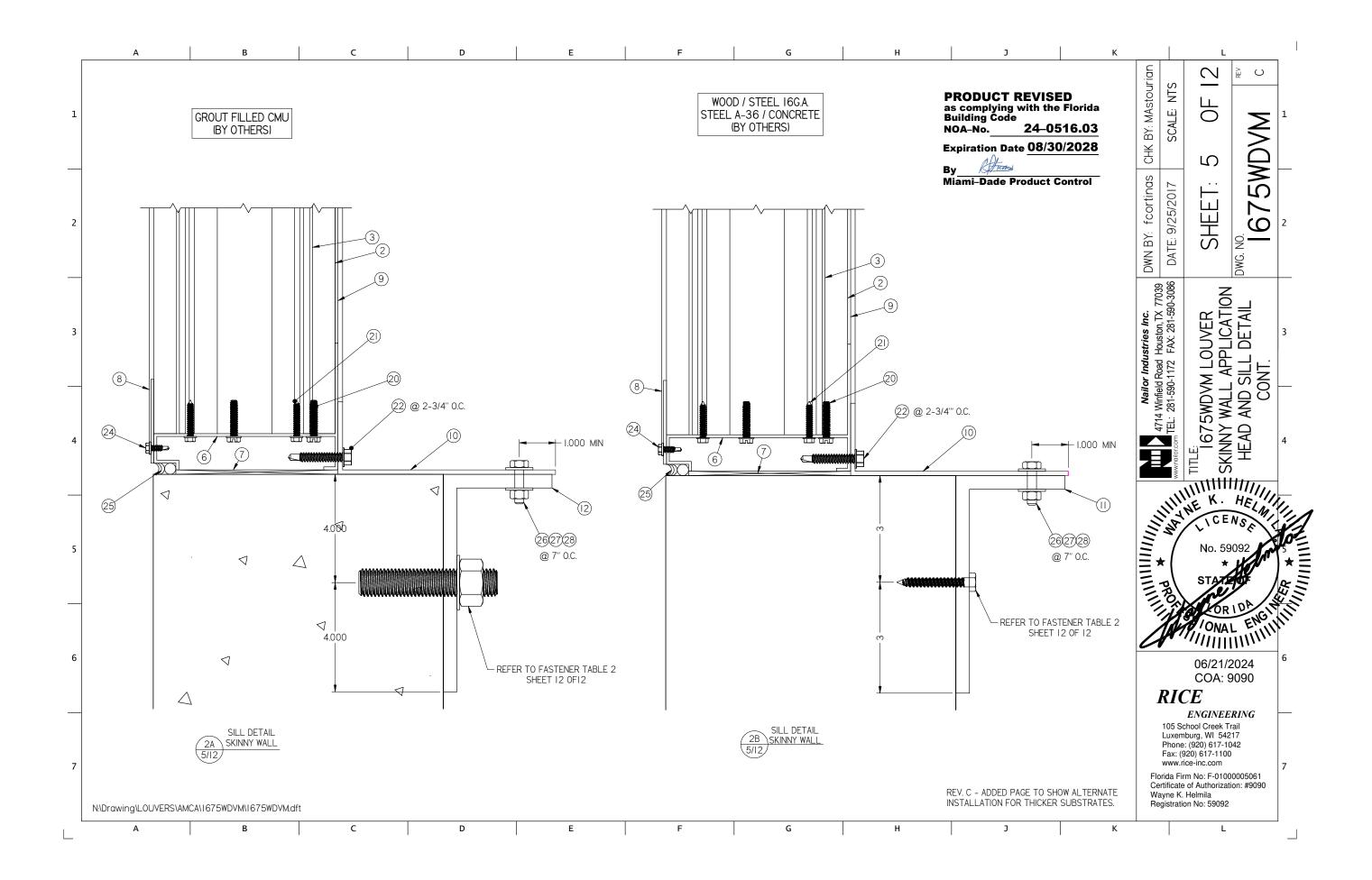
Approval Date: July 18, 2024

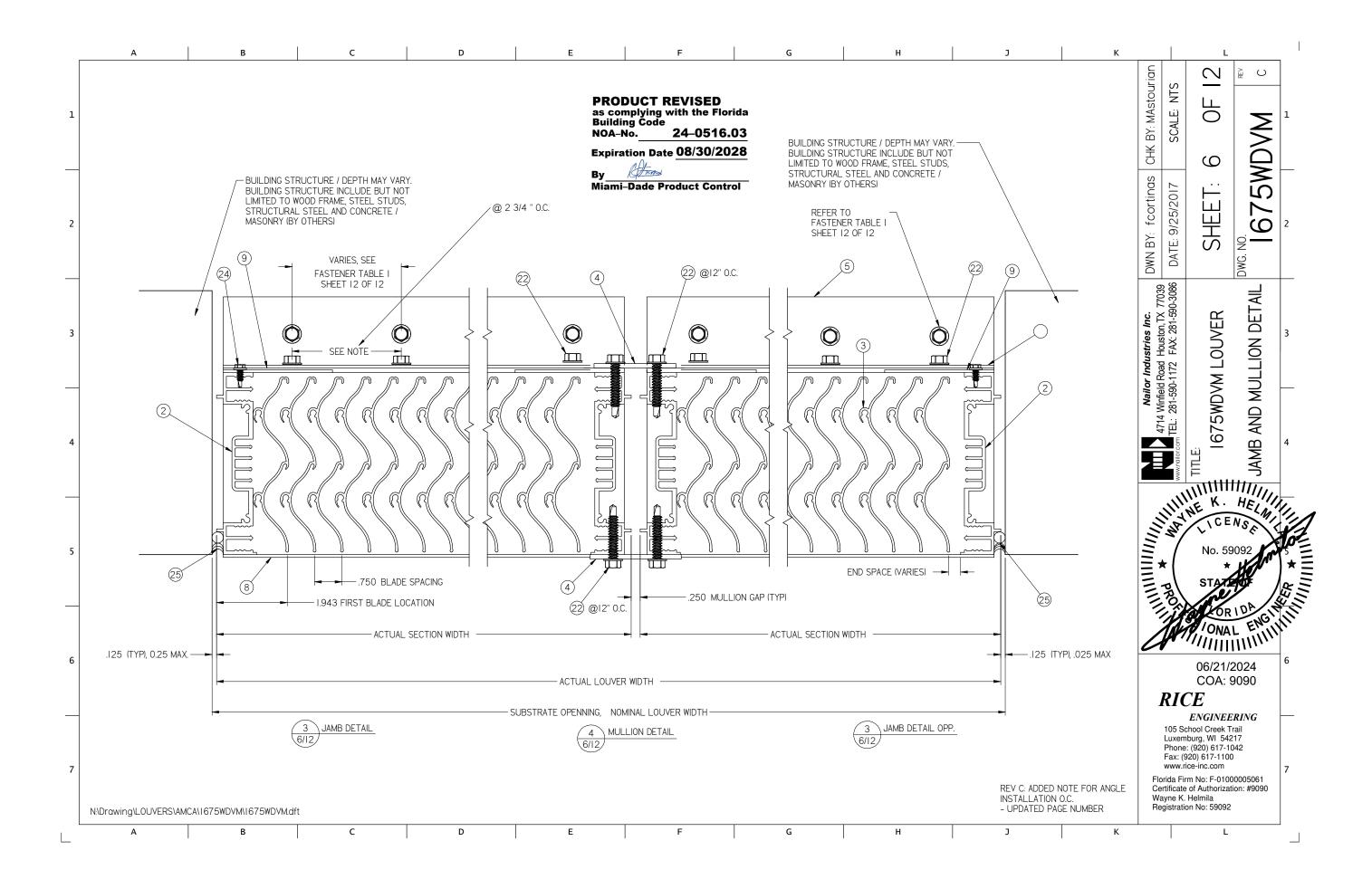


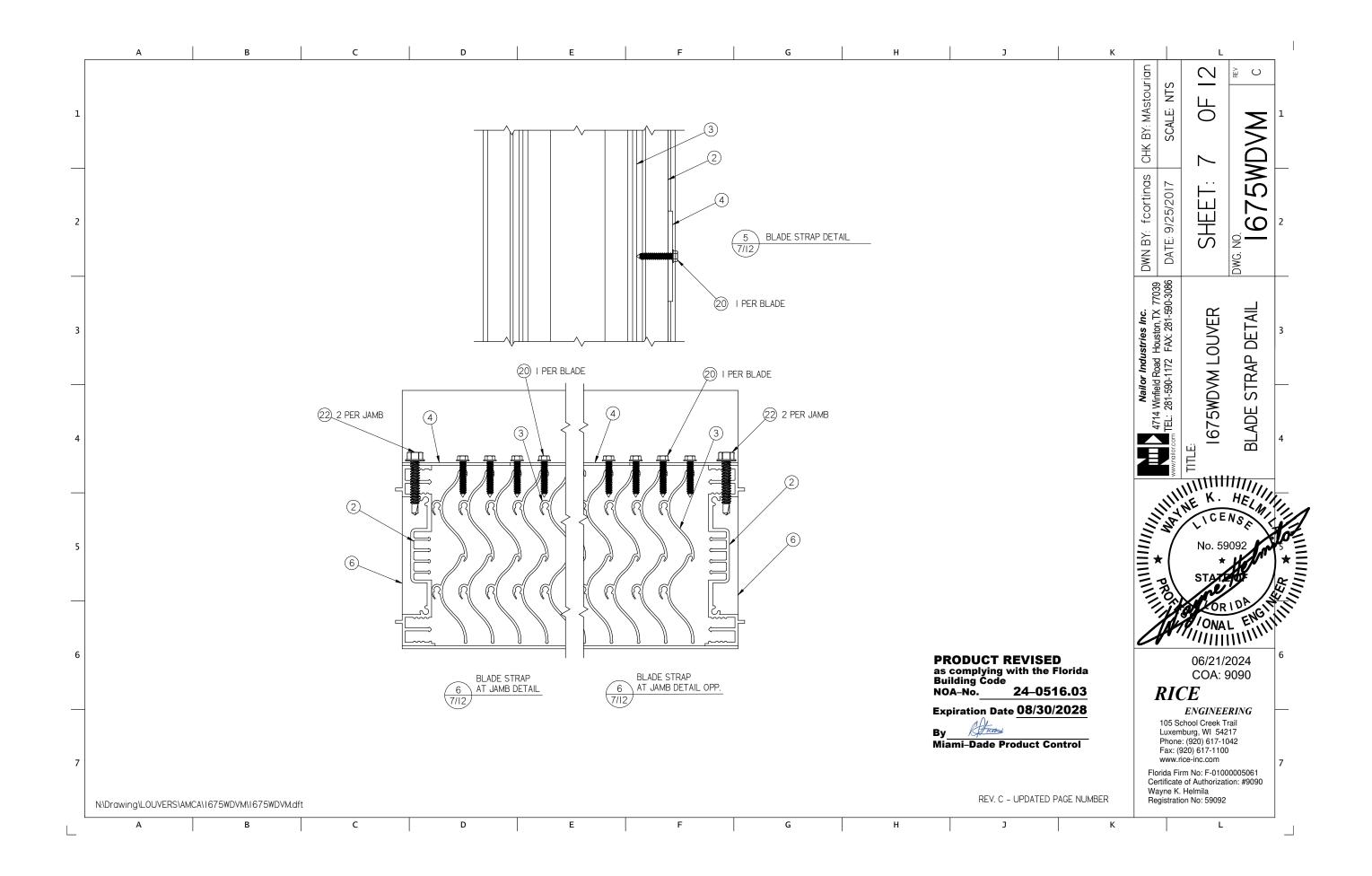


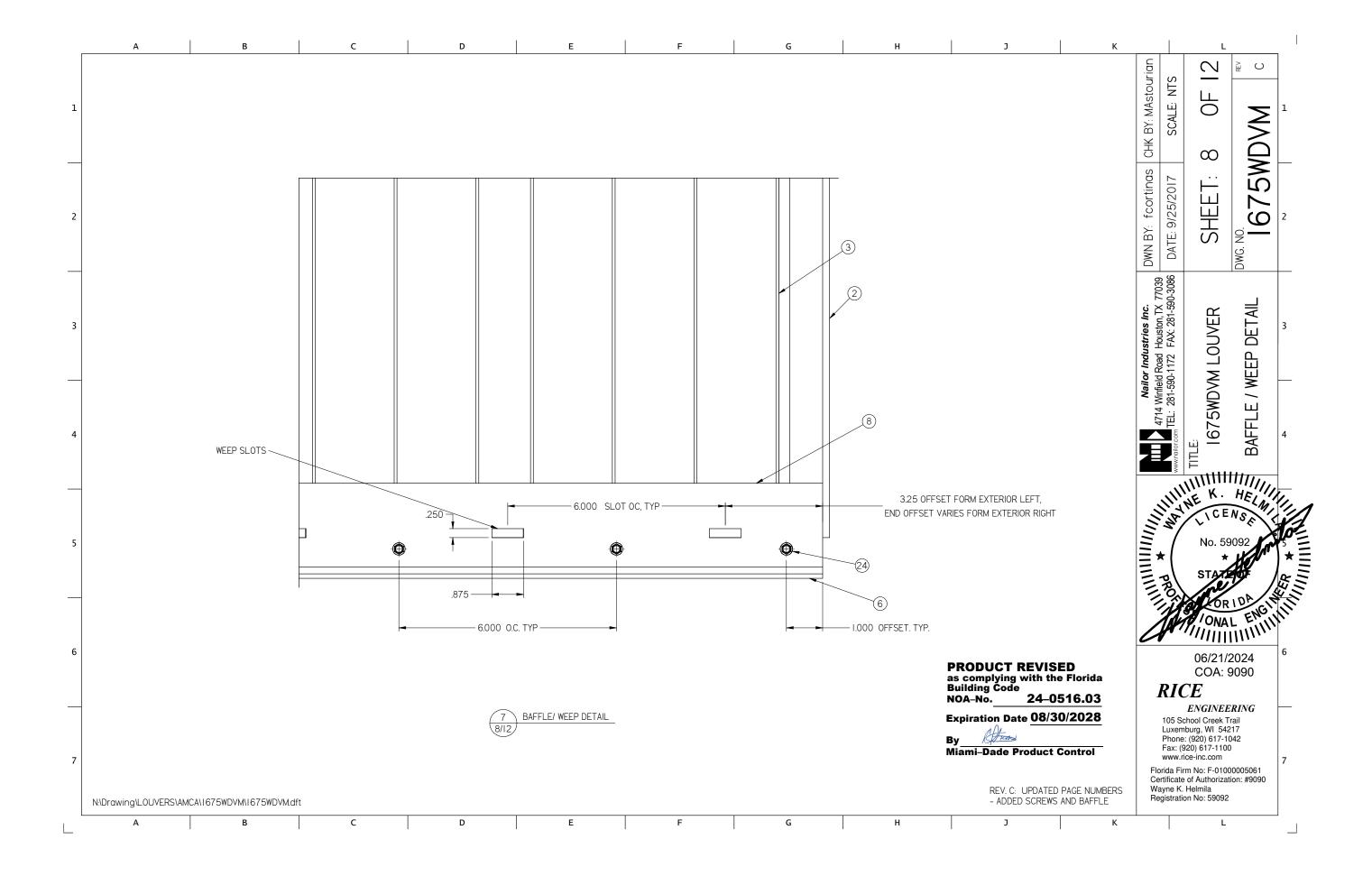


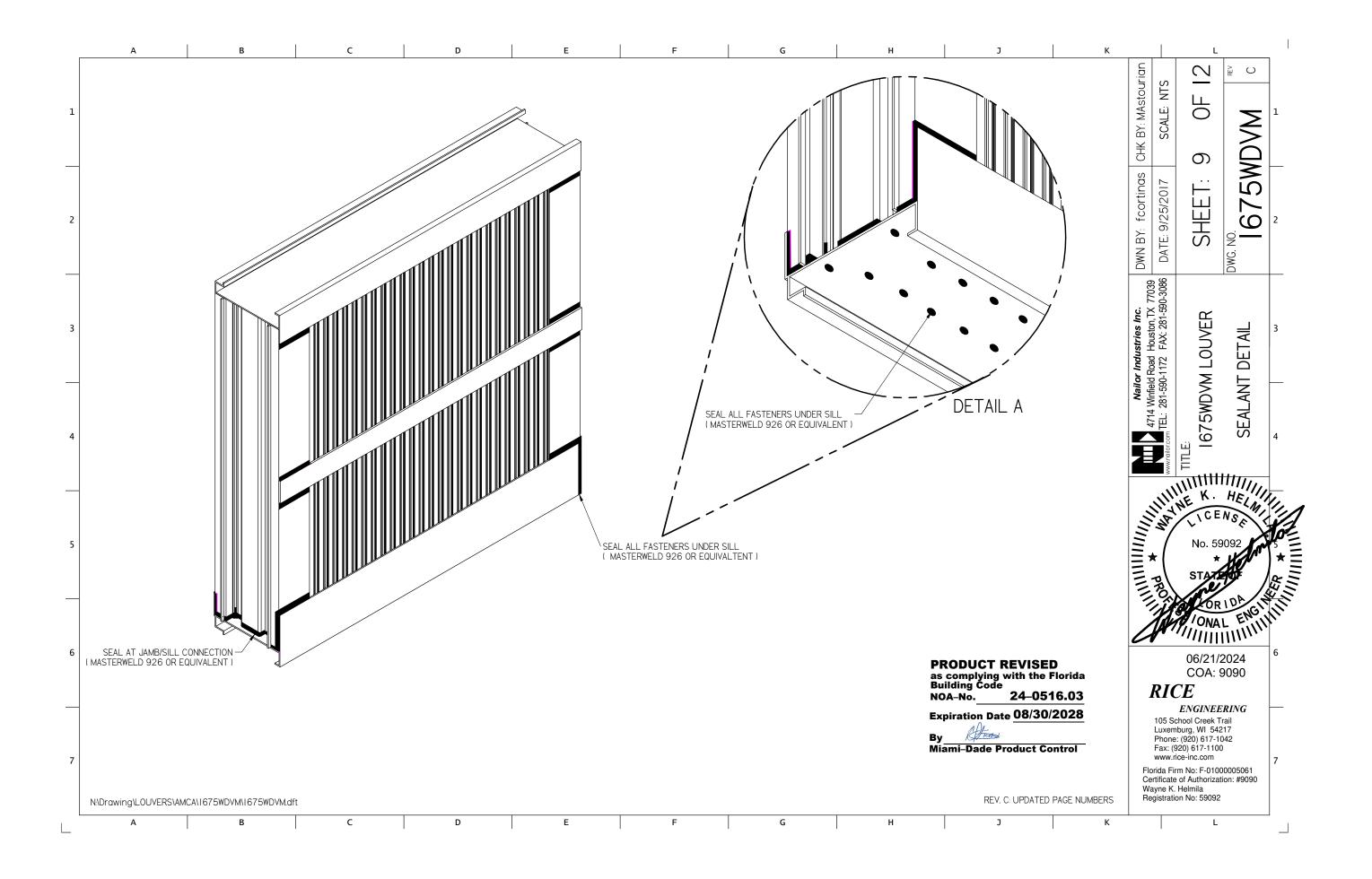


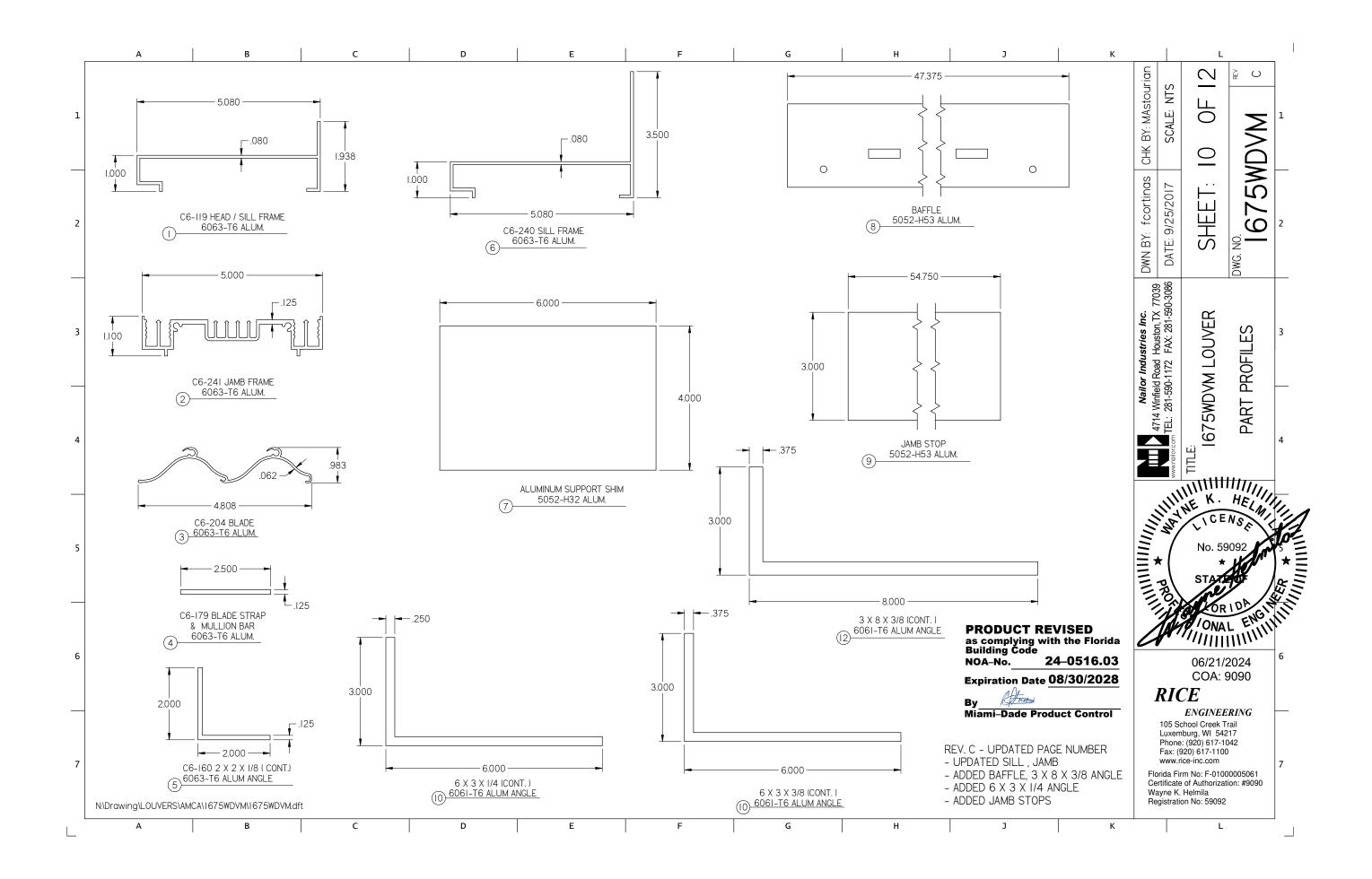












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					BILL OF N	MATERIAL										
	ITEM	INTERNAL ID	D	MATE	ERIAL		NOTES									
1	1	C6-119	C6-119 HEAD / SILL FRAME			3-T6	ONLY A	ONLY AT HEAD								
	2	C6-24I	JAMB FRAME		6063	3-T6										
	3	C6-204 BLADE			6063	3-T6	.75" CE	.75" CENTERS/SPACING								
	4	C6-I79	BLADE STRAP / ML	JLLION BAR	6063	3-T6	REQUIF	RED IF SECTION HEIGHT	IS 60.00" OR GREAT	īER						
	5	C6-160	6-160 2 X 2 X 1/8 ANGLE ( CONT. )			3-T6	AT HEA	AD AND SILL ONLY								
	6	C6-240	SILL	6063	3-T6	ONLY A	AT SILL									
	7	-	ALUMINIUM SUPPO	5052	2-H32	BY OTH	HERS , OPTIONAL, AS N	EEDED ( 1/4" THICK M.	AX. )							
2	8	-	BAFFLE		5052	2-H32	FRONT	FRONT DRAIN								
	9	-	JAMB STOP	5052	2-H32	SIZE VA	SIZE VARIES AS NEEDED									
	10	-	6 X3 X I/4 ANGLE (	606	I-T6	USED I	USED IN SKINNY WALL APPLICATION									
$\dashv$	П	-	6 X3 X 3/8 ANGLE	606	I-T6	USED I	USED IN SKINNY WALL APPLICATION									
	12	-	3 X 8 X 3/8 ANGLE	606	I-T6	USED II	USED IN SKINNY WALL APPLICATION									
3	20	C6-189	SCREW,MACHINE , H	W, #10-24 X I I/2, ZP	300 SERIES,	SS COND CW	2 @ E	BLADE ENDS, AND BLAD	DE STRAP ONE PER BL	_ADE						
	21	C6-192	SCREW, MACHINE, M	1TL, HEX, #10 X 1 1/2, 410SS	300 SERIES,	SS COND CW	2 @ F	RAME CORNERS								
	22	C6-193	SCREWM METAL, H	EX, #14 X 1 1/2, 410SS	300 SERIES,	SS COND CW	( @ HEA	D AND SILL@ 2-3/4"	O.C., AND @ BLADE ST	RAP 2 PER JAMBS						
-	24	C6-198	SCREW, MTL, HEX, #	#8 X 3/4, 410SS	300 SERIES,	SS COND CW	1									
	25	-	SEALANT & BACKE	R ROD	VARI	10US	BY OTH	HERS								
	26	C6-181	I/4 NYLON INSERT	LOCKNUT	STAIN	ILESS										
4	27	C6-186	I/4 COMM"L FLAT	WASHER	STAIN	ILESS										
	28	C6-187	1/4-20 X I HEX CAF	P SCREW 18-8 SS	STAIN	ILESS										

## **GENERAL NOTES:**

I. DUE TO PASSING TAS-100A, THE LOUVER IS DESIGNED TO PREVENT WIND DRIVEN RAIN FROM PENETRATING THE SPACE BEHIND THE LOUVER. AS SUCH, THE LOUVER MAY BE INSTALLED IN A LOCATION WHERE THE SPACE/ROOM BEHIND THE LOUVER IS NOT DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM OR THE ROOM WILL HOUSE NON-WATER RESISTANT/ PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES.

2. INSTALLER TO PROVIDE SEPARATION OF DISSIMILAR MATERIALS AS REQUIRED. ALUMINUM DESIGN MANUAL (CHAPTER F) FOR DETAILS.

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- 3. ALL ALUMINIUM, STAINLESS STEEL (SS), AND PLATED / COATED STEEL PARTS PROVIDED BY MANUFACTURER ARE INHERENTLY CORROSION RESISTANT OR HAVE A CORROSION RESISTANT COATING.
- 4. STEEL / STAINLESS, STEEL / ALUMINIUM PARTS MAY BE MADE OUT OF ALTERNATE ALLOY THAT HAS EQUAL OR GREATER YIELD STRENGTH. PART DIMENSIONS ARE MINIMUMS UNLESS DEFINED OTHER WISE.

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5. THE INTERNAL ID# SHOWN ON PAGE 9 IS FOR FACTORY USE AND TRACKING PURPOSES ONLY AND MAY BE UPDATED AT ANY TIME. ANY UPDATES WILL NOT ALTER THE ITEM AS DESCRIBED HEREIN.

**PRODUCT REVISED** as complying with the Florida Building Code NOA-No. 24-0516.03 Expiration Date 08/30/2028

Hum

Miami-Dade Product Control

REV. C - UPDATED PAGE NO. ADDED ITEM #8 - BAFFLE ADDED ITEM # 9 - JAMB STOP ADDED ITEM # IO - 3 X 6 X I/4 ANGLE (CONT.) ADDED ITEM # II - 3 X 6 X 3/8 ANGLE (CONT.) ADDED ITEM # 12 - 8 X 3 X 3/8 ANGLE (CONT.)

105 School Creek Trail Luxemburg, WI 54217

Certificate of Authorization: #9090

N:\Drawing\LOUVERS\AMCA\1675\DVM\1675\DVM.dft

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Wayne K. Helmila Registration No: 59092

Nailor Industries Inc. 4714 Winfield Road Houston, TX 77039 TEL: 281-590-1172 FAX: 281-590-3086 I675WDVM LOUVER BILL OF MATERIAL GENERAL NOTES 

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DWN BY: fcortinas

NTS

SCALE

9/25/2017

DATE:

**SWDVM** 

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DWG.

06/21/2024 COA: 9090 **RICE** 

**ENGINEERING** 

Phone: (920) 617-1042 Fax: (920) 617-1100 www.rice-inc.com Florida Firm No: F-01000005061

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Χ					X	SG 0.42		LAG BOLT (300 SE				1/4"	I	3-1/4"	3"		2-3/16"	_	ton, TX 77039 : 281-590-3086		1.1
Χ					Χ	SG 0.42		LAG BOLT (300 SE	RIES SS - COND.	). CW - Fy = 65	5 ksil	3/8"	I	4-1/4"	3"		2-3/16"	] ]	X, 45	ic.	ij
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