

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

# **NOTICE OF ACCEPTANCE (NOA)**

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

Construction Specialties, Inc. 49 Meeker Avenue Cranford, NJ 07016

#### 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 DC-9614 Aluminum Louver**

**APPROVAL DOCUMENT:** Drawing No. **RD-1457**, titled "DC-9614 Submittal Drawings", sheets 1 through 13 of 13, dated 11/20/2015, with revision 5 dated 01/23/2024, prepared by Construction Specialties, Inc., 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, Del Rio, TX, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**LIMITATION:** This louver has not been evaluated for compliance with the impact testing standard ANSI/AMCA 540.

**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 # 20-1222.13 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY
APPROVED

NOA No. 24-0226.05 Expiration Date: July 28, 2026 4/24 Approval Date: April 11, 2024

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## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

## A. DRAWINGS "Submitted under NOA # 16-1129.08"

1. Drawing No. **RD-1457**, titled "DC-9614 Submittal Drawings", sheets 1 through 13 of 13, dated 11/20/2015, with revision 1 dated 11/21/2016, prepared by Construction Specialties, Inc., signed and sealed by L. David Rice, P.E.

## **B.** TESTS "Submitted under NOA # 16-0222.04"

- 1. 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 marked-up drawings and installation diagram of DC-9614 Aluminum Louvers, prepared by Intertek/Architectural Testing, Inc., Report No. **F1331.01-109-18**, dated 12/21/2015, signed and sealed by Joseph A. Reed, P.E.
- 2. Test Report on High Velocity Wind Driven Rain Resistance per AMCA 550-09 of a Model DC-9614 Aluminum Louver, prepared by Intertek/Architectural Testing, Inc, Test Report No. **E4141.02-602-44**, dated 01/14/2015, with revision 2 dated 06/26/2015, signed and sealed by Joseph A. Reed, P.E.

# C. CALCULATIONS "Submitted under NOA # 16-0222.04"

1. Anchor and structural calculations prepared by Rice Engineering, dated 02/11/2016, signed and sealed by L. David Rice, P.E.

## D. QUALITY ASSURANCE

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

## E. MATERIAL CERTIFICATIONS

1. None.

## F. STATEMENTS "Submitted under NOA # 16-0222.04"

- 1. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC issued by Rice Engineering, dated 02/11/2015, signed and sealed by L. David Rice, P.E.
- 2. Statement letter of no financial interest issued by Rice Engineering, dated 02/11/2015, signed and sealed by L. David Rice, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0226.05
Expiration Date: July 28, 2026
Approval Date: April 11, 2024

# **Construction Specialties, Inc.**

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 2. EVIDENCE SUBMITTED UNDER NOA # 17-1218.26
- A. DRAWINGS
  - 1. None.
- B. TESTS
  - 1. None.
- C. CALCULATIONS
  - 1. None.
- D. **OUALITY 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 6<sup>th</sup> Edition (2017) FBC issued by Rice Engineering, dated 11/29/2017, signed and sealed by Wayne K. Helmila, P.E.
  - 2. Statement letters of no financial interest issued by Rice Engineering, dated 01/20/2018, signed and sealed by Wayne K. Helmila, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 24-0226.05

Expiration Date: July 28, 2026 Approval Date: April 11, 2024

# NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### 3. EVIDENCE SUBMITTED UNDER NOA # 20-1222.13 AND NEW

## A. DRAWINGS

1. Drawing No. **RD-1457**, titled "DC-9614 Submittal Drawings", sheets 1 through 13 of 13, dated 11/20/2015, with revision 5 dated 01/23/2024, prepared by Construction Specialties, Inc., signed and sealed by Wayne K. Helmila, P.E.

## B. TESTS

1. None.

## C. CALCULATIONS

1. None.

## D. QUALITY ASSURANCE

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

## E. MATERIAL CERTIFICATIONS

1. None.

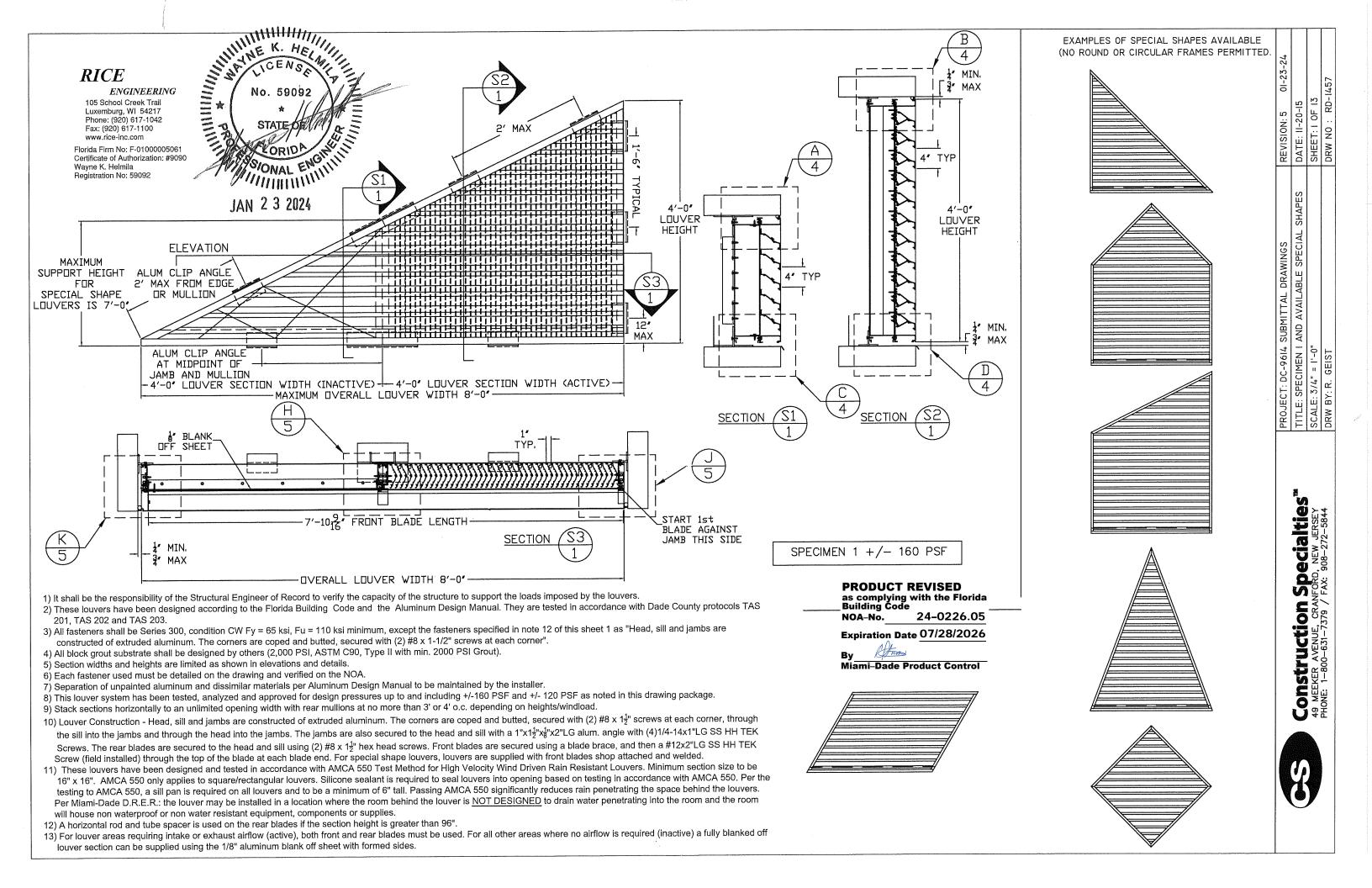
## F. STATEMENTS

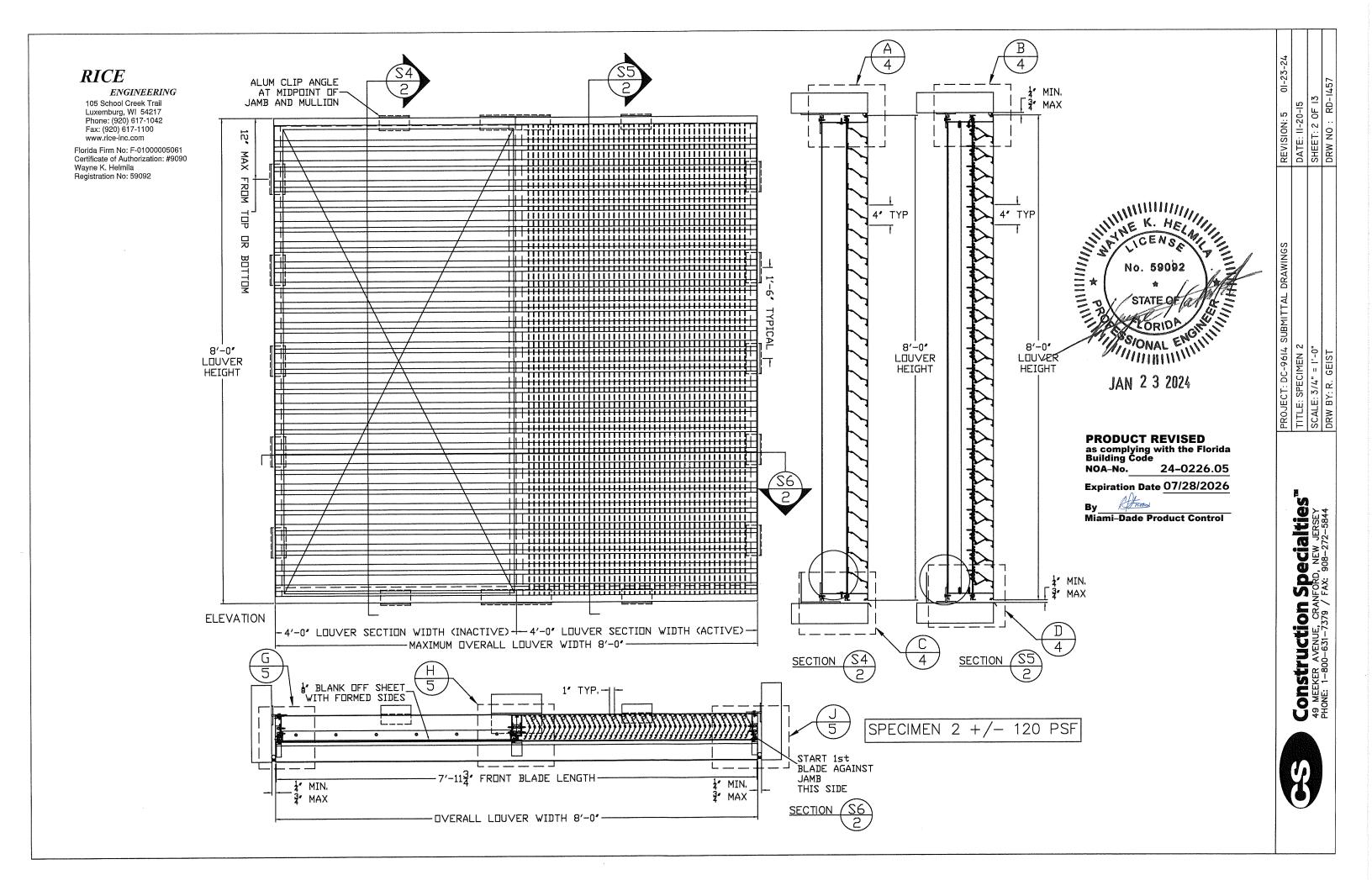
- 1. Statement letter of code conformance to 8<sup>th</sup> edition (2023) of the FBC, issued by Rice Engineering, dated 01/23/2024, signed and sealed by Wayne K. Helmila, P.E.
- 2. Statement letter of no financial interest, issued by Rice Engineering, dated 01/23/2024, signed and sealed by Wayne K. Helmila, P.E.

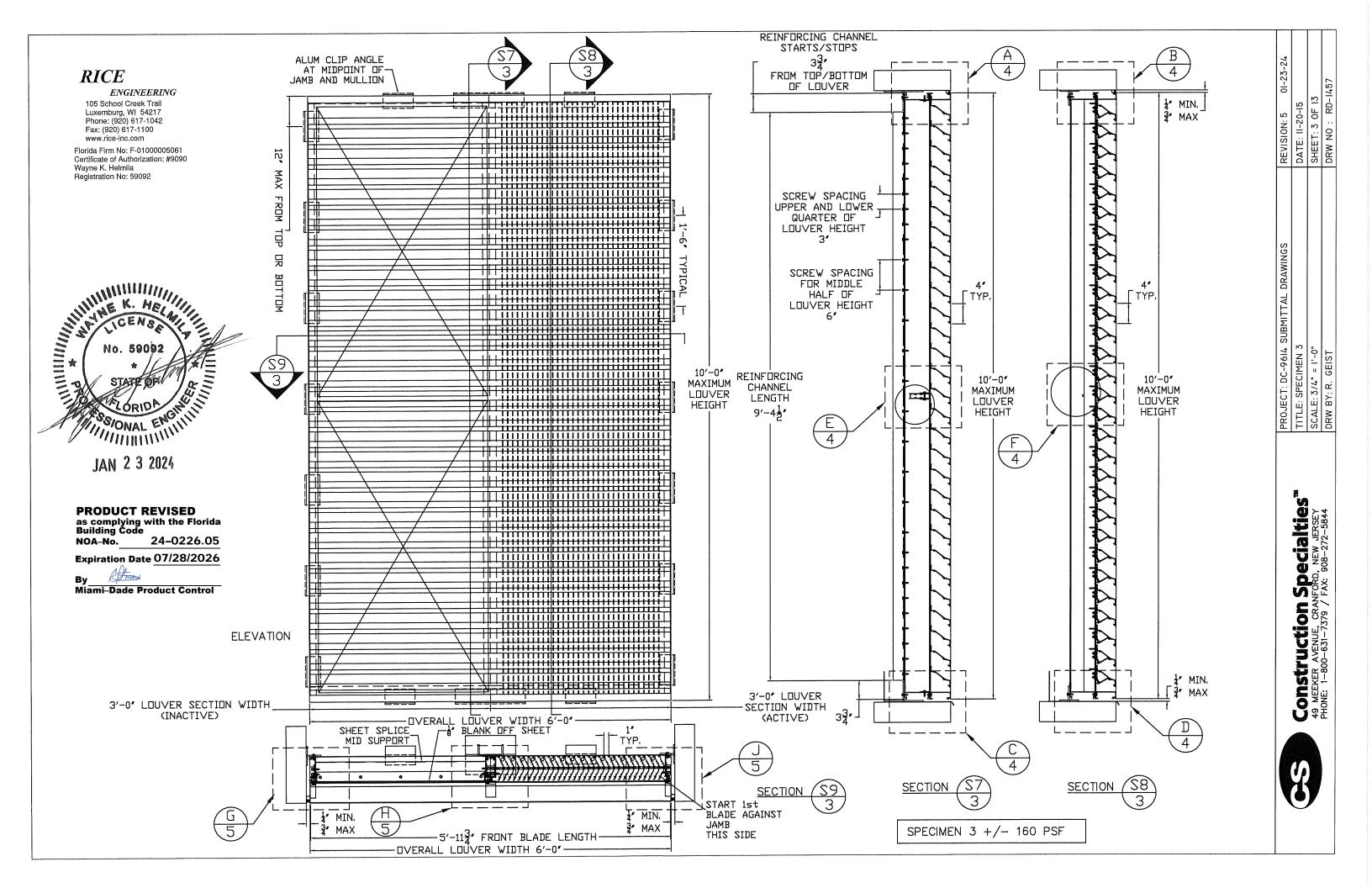
## *"Submitted under NOA # 20-1222.13"*

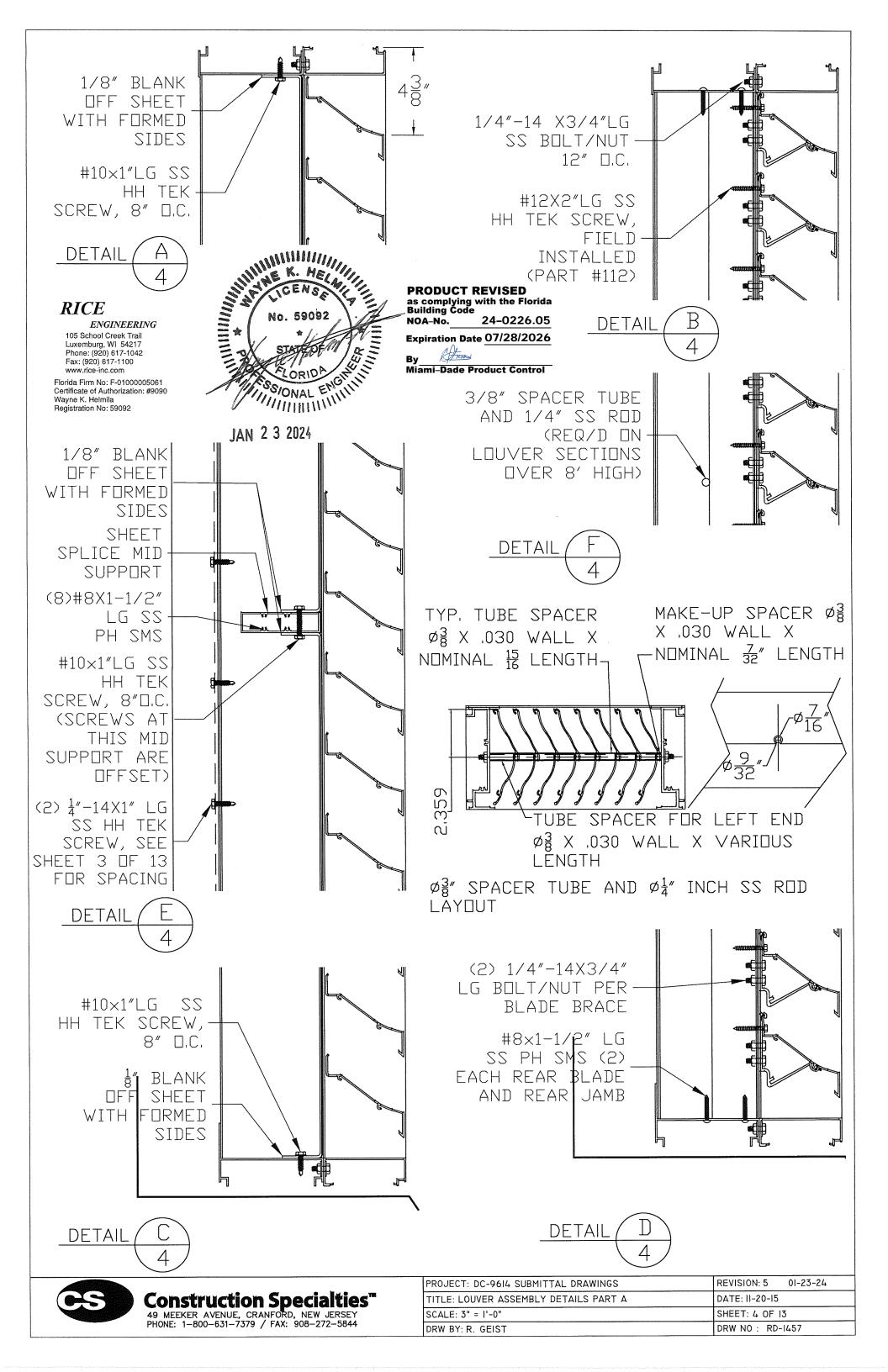
- 3. Statement letter of code conformance to the 7<sup>th</sup> Edition (2020) of the FBC issued by Rice Engineering, dated 11/11/2020, signed and sealed by Wayne K. Helmila, P.E.
- **4.** Statement letter of no financial interest issued by Rice Engineering, dated 11/11/2020, signed and sealed by Wayne K. Helmila, P.E.

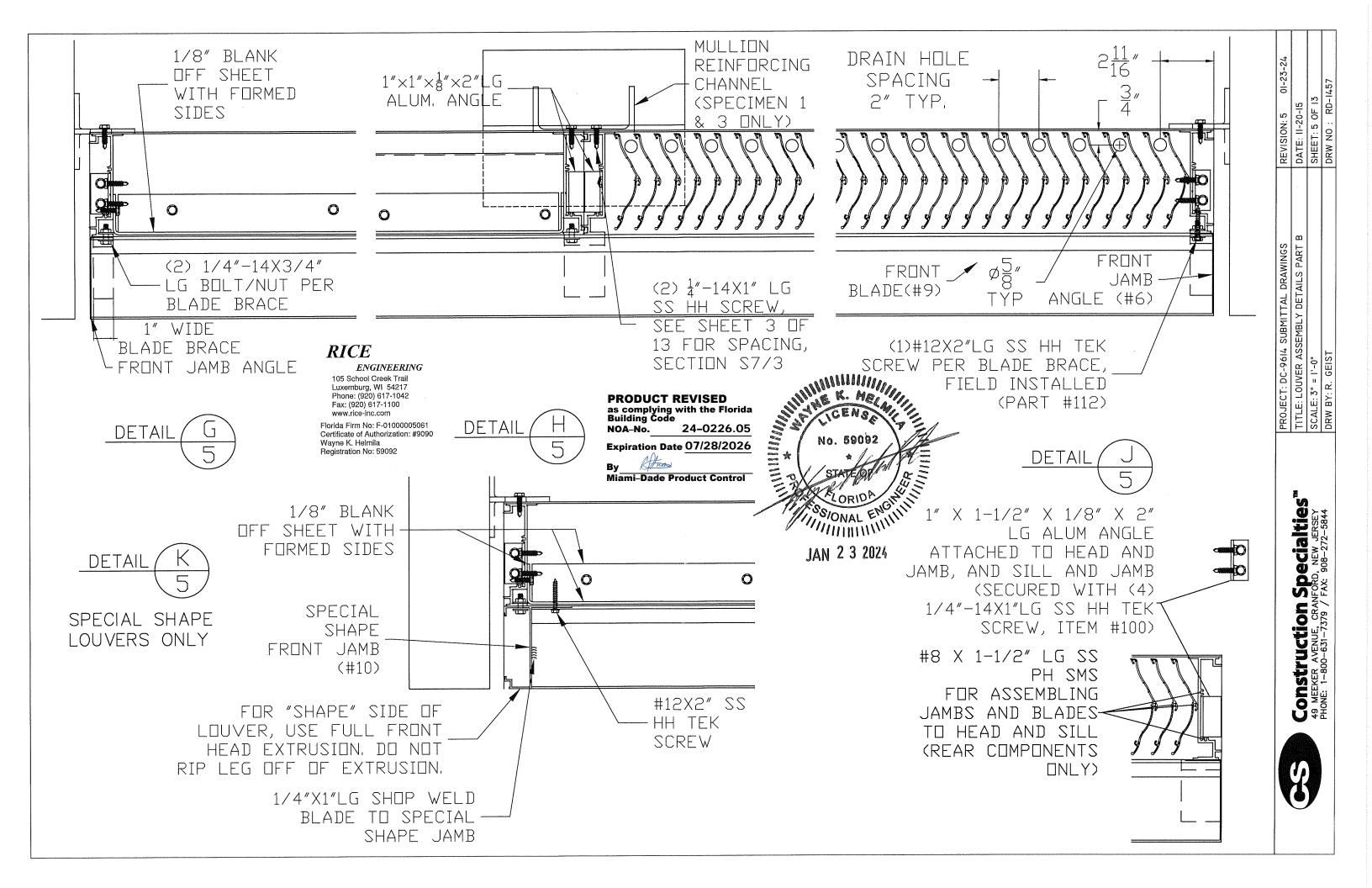
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0226.05
Expiration Date: July 28, 2026
Approval Date: April 11, 2024











PRODUCT REVISED as complying with the Florida **Building Code** 24-0226.05 NOA-No.

Expiration Date 07/28/2026

Stuns Miami-Dade Product Control

3'x2'x1/4'x6' LG 6061-T6 ALUMINUM (WDDD SUBSTRATE)
3'x2'x1/4'x4' LG 6061-T6 ALUMINUM (STRUCTURAL STEEL, CONCRETE AND CMU SUBSTRATES)
6'x4'x3/8'x4-1/2' LG 6061-T6 ALUMINUM (CONCRETE SUBSTRATE)
6'x4'x3/8'x10' LG 6061-T6 ALUMINUM (STEEL STUD AND ALUMINUM SUBSTRATES)
3'x2'x1/4'x4' LG 6061-T6 ALUMINUM (STEEL STUD AND ALUMINUM SUBSTRATES)
3'x2'x1/4'x6' LG 6061-T6 ALUMINUM (STEEL STUD SUBSTRATE)
3'x2'x1/4'x6' LG 6061-T6 ALUMINUM (STRUCTURAL STEEL AND CMU SUBSTRATE)
3'x3'x1/4'x6' LG 6061-T6 ALUMINUM (CONCRETE SUBSTRATE)
6'x4'x3/8'x6' LG 6061-T6 ALUMINUM (CONCRETE SUBSTRATE)
6'x4'x3/8'x10' LG 6061-T6 ALUMINUM (CMU SUBSTRATE)
3'x2'x1/4'x6' LG 6061-T6 ALUMINUM (SUBSTRATE)
6'x4'x3/8'x4' LG 6061-T6 ALUMINUM (CMU SUBSTRATE)
6'x4'x3/8'x4' LG 6061-T6 ALUMINUM (CMU SUBSTRATE)

4000 LB MIN. CONCRETE - CRACKED. NORMAL WEIGHT
GROUT FILLED CONCRETE MASONRY UNIT (2,000 PSI, ASTM C90, TYPE II WITH MIN. 2000 PSI GROUT)
G = 0.42 MINIMUM, SPRUCE PINE-FIR, 3' MIN. THICKNESS

1/4 - 14 SS ALLOY GROUP 1, 2 OR 3 CONDITION CW NUT, BOLT AND LOCKWASHER 3/8 - 12 S.S. ALLOY GROUP 1, 2, OR 3 CONDITION CW WITH LOCK WASHER #12-24 x 2' S.S. ELCO BIFLEX SELF DRILLING SCREW WITH NO 5 POINT

THREAD FORMING OR SELF DRILL S.S FOR ALUM, AND FOR STEEL
THREAD FORMING OR SELF DRILL S.S FOR ALUM, AND FOR STEEL
SS 304/316, EMBEDMENT MINIMUM OF 3-5/8'
SS WOOD SCREW, MIN. EMBEDMENT 2-3/4', MIN EDGE/END DISTANCE 2' (PREDRILL HOLES @40-70% DIAMETER)
ADHESIVE ANCHOR W/ASTM F593 CW 304/316 S.S. THREADED RODS, \*ONLY ONE ANCHOR PER MASONRY CELL
SS 304/316, EMBEDMENT MINIMUM OF 2-3/8'

4'x4'x1/4'x11' LG 6061-T6 ALUMINUM (STEEL STUD SUBSTRATE)
4'x4'x1/4'x11' LG 6061-T6 ALUMINUM (STRUCTURAL STEEL SUBSTRATE)
4'x4'x1/4'x11' LG 6061-T6 ALUMINUM (CONCRETE SUBSTRATE)
6'x4'x3/8'x27' LG 6061-T6 ALUMINUM (CONCRETE SUBSTRATE)
4'x4'x1/4'x20' LG 6061-T6 ALUMINUM (CMU SUBSTRATE)
8'x6'x5/8'x32' LG 6061-T6 ALUMINUM (CMU SUBSTRATE)
4'x4'x1/4'x20' LG 6061-T6 ALUMINUM (WOOD SUBSTRATE)
4'x4'x1/4'x11' LG 6061-T6 ALUMINUM (ALUMINUM SUBSTRATE)
6'x4'x3/8'x20' LG 6061-T6 ALUMINUM (CONCRETE SUBSTRATE)
10'x1/4'x32' LG 5052-H32 ALUMINUM (CMU SUBSTRATE)

16 GA MINIMUM GALVANIZED STRUCTURAL STEEL STUD, Fy=33Ksl 1/8' THK MIN. (ASTM A36)

1/8" THK, MIN (6063-T5)

1 REAR HEAD
2 REAR SILL
3 REAR JAMB/MULLION HALF
4 REAR MULLION HALF
5 FRONT HEAD ANGLE
7 FRONT BLADE BRACE
8 REAR BLADE
9 FRONT BLADE
10 SPECIAL SHAPE FRONT JAMB
11 MULLION REINFORCING CHANNEL
12 SHEET BLANK OFF
14 ALUMINUM SILL PAN

63 ALUM. MULLION CLIP ANGLE
64 ALUM. MULLION CLIP ANGLE
65 ALUM. MULLION CLIP ANGLE
66 ALUM. MULLION SHELF ANGLE
67 ALUM. MULLION SHELF ANGLE
68 ALUM. MULLION SHELF ANGLE
69 ALUM. MULLION CLIP ANGLE
70 ALUM. MULLION CLIP ANGLE
71 ALUM. MULLION CLIP ANGLE
72 ALUM. SHIM PLATE (SHIPPED

80 STEEL STUD 81 STRUCTURAL STEEL 82 ALUMINUM 83 CONCRETE 84 CMU 85 WOOD

71 ALUM MULLION CLIP ANGLE 72 ALUM SHIM PLATE (SHIPPED WITH #68)

100 1/4"-14 X 1" LG SELF DRILLING SCREW
101 1/4"-14 X 1-1/2" LG SCREW
102 1/2" HILTI KWIK BOLT TZ2
103 1/2"X3" LAG SCREW
104 1/2" HILTI HIT-HY 270 HYBRID
105 1/2" HILTI KWIK BOLT TZ2

110 1/4'-14 X 1-1/2' LG (MIN) BOLT, NUT & WASHER 111 3/8'-12 X 1-1/2' LG (MIN) NUT AND BOLT 112 #12 SELF DRILLING SCREW

50 JAMB AND MID SPAN ALUM, CLIP ANGLE
51 ALUM, JAMB CLIP ANGLE
52 ALUM, JAMB SHELF ANGLE
53 ALUM, JAMB SHELF ANGLE
54 ALUM, JAMB CLIP ANGLE
55 ALUM CLIP ANGLE (MID-SPAN JAMB TO MULLION)
56 ALUM CLIP ANGLE (MID-SPAN JAMB TO MULLION)
57 ALUM CLIP ANGLE (MID-SPAN JAMB TO MULLION)
58 ALUM, SHELF ANGLE (MID-SPAN JAMB TO MULLION)
59 ALUM, SHELF ANGLE (MID-SPAN JAMB TO MULLION)
60 ALUM CLIP ANGLE (MID-SPAN JAMB TO MULLION)
61 ALUM CLIP ANGLE (MID-SPAN JAMB TO MULLION)

**RICE** 

**ENGINEERING** 

105 School Creek Trail Luxemburg, WI 54217 Phone: (920) 617-1042 Fax: (920) 617-1100 www.rice-inc.com

Florida Firm No: F-01000005061 Certificate of Authorization: #9090 Wayne K. Helmila Registration No: 59092 

No. 59092

STATE

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**DRAWINGS** 

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PROJECT: TITLE: PAF SCALE: 3" DRW BY: R

