

#### 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 1609HM Aluminum Louver System**

**APPROVAL DOCUMENT:** Drawing No. **1609HM-NOA**, titled "BOM, Notes, Anchors, Elevation, Mull Details, Assembly Details, Head/Sill, Jamb, Profiles", sheets 1 through 7 of 7, prepared by manufacturer, dated 05/27/2021, signed and sealed by Lucas A. Turner, P.E. on 03/07/2024, bearing the Miami-Dade County Product Control Approval 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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera**, **P.E.** 



NOA No. 23-0823.05 Expiration Date: April 4, 2029 Approval Date: April 4, 2024 Page 1

05/09/24

# **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

### A. DRAWINGS

1. Drawing No. 1609HM-NOA, titled "BOM, Notes, Anchors, Elevation, Mull Details, Assembly Details, Head/Sill, Jamb, Profiles", sheets 1 through 7 of 7, prepared by manufacturer, dated 05/27/2021, signed and sealed by Lucas A. Turner, P.E. on 03/07/2024.

## B. TESTS

- 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
  - 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 1609HM Louver Systems, prepared by Intertek, Test Report No. **K4977.01-801-18-r1**, dated 02/04/2022, revised on 05/23/2022, signed and sealed by Tyler Westerling, P.E.

- 2. Test Report on Test Method for Louvers Impacted by Wind Borne Debris per ANSI/AMCA 540-13 on a Model 1609HM Aluminum Louver Systems, prepared by Intertek, Test Report No. **K4975.01-801-18-R2**, dated 06/28/2021, revised on 01/04/2022, signed and sealed by Tyler Westerling, P.E.
- 3. Test Report on High Velocity Wind Driven Rain Resistance per ANSI/AMCA 550-15 on a Model 1609HM Aluminum Louver System, prepared by Intertek, Test Report No. **K4976.01-801-44-R2**, dated 05/06/2021, revised on 01/21/2022, signed and sealed by Tyler Westerling, P.E.

# C. CALCULATIONS

1. Louver structural calculations, dated 08/09/2023, prepared by Turner Engineering Consulting, Inc., signed and sealed by Lucas A. Turner, 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, 7<sup>th</sup> Edition (2020) and FBC, 8<sup>th</sup> Edition (2023), issued by Turner Engineering Consulting, Inc., dated 08/09/2023, signed and sealed by Lucas A. Turner, P.E.
- 2. Statement letter of no financial interest issued by Turner Engineering Consulting, Inc., dated 08/09/2023, signed and sealed by Lucas A. Turner, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 23-0823.05 Expiration Date: April 4, 2029 Approval Date: April 4, 2024

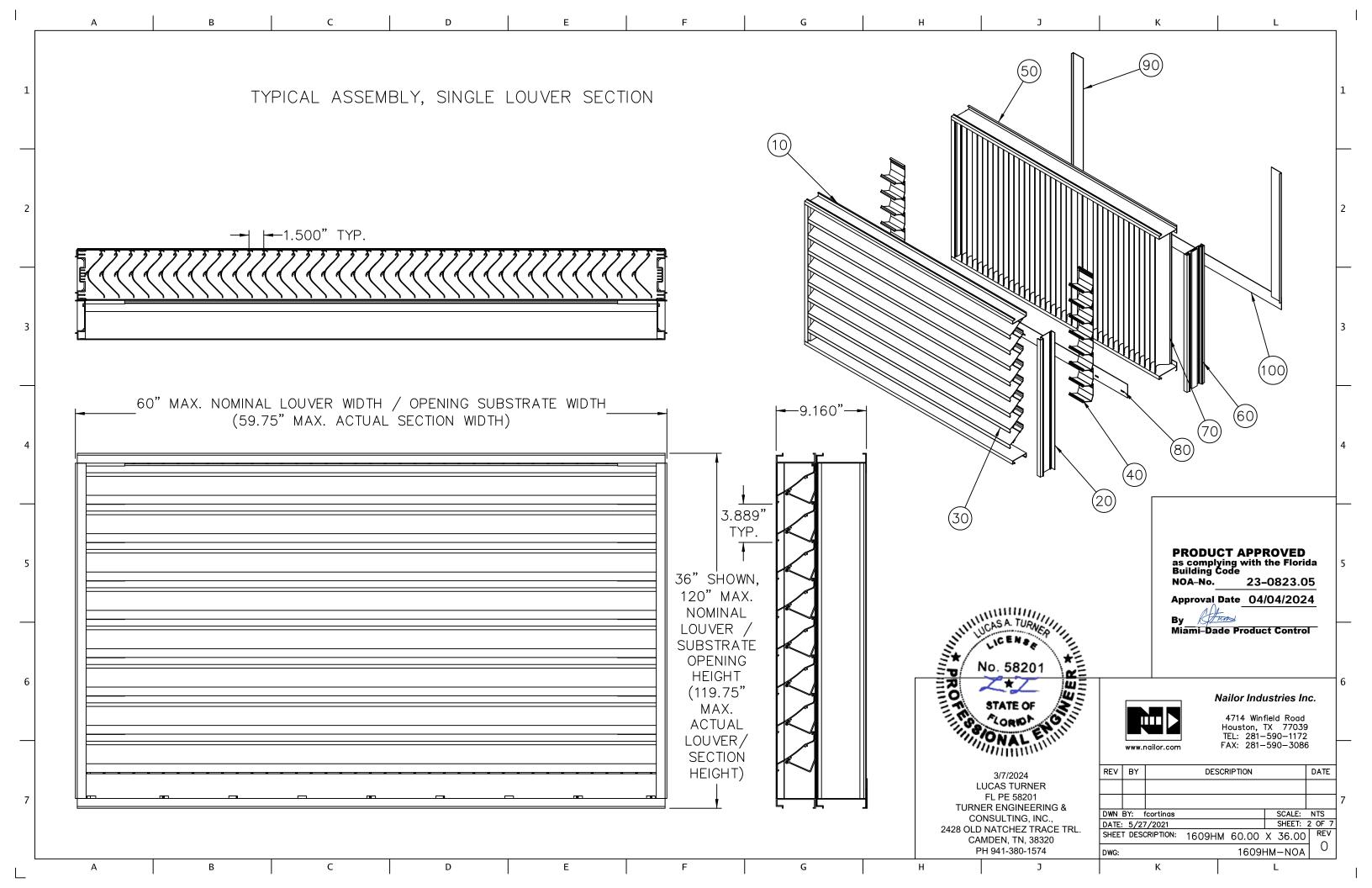
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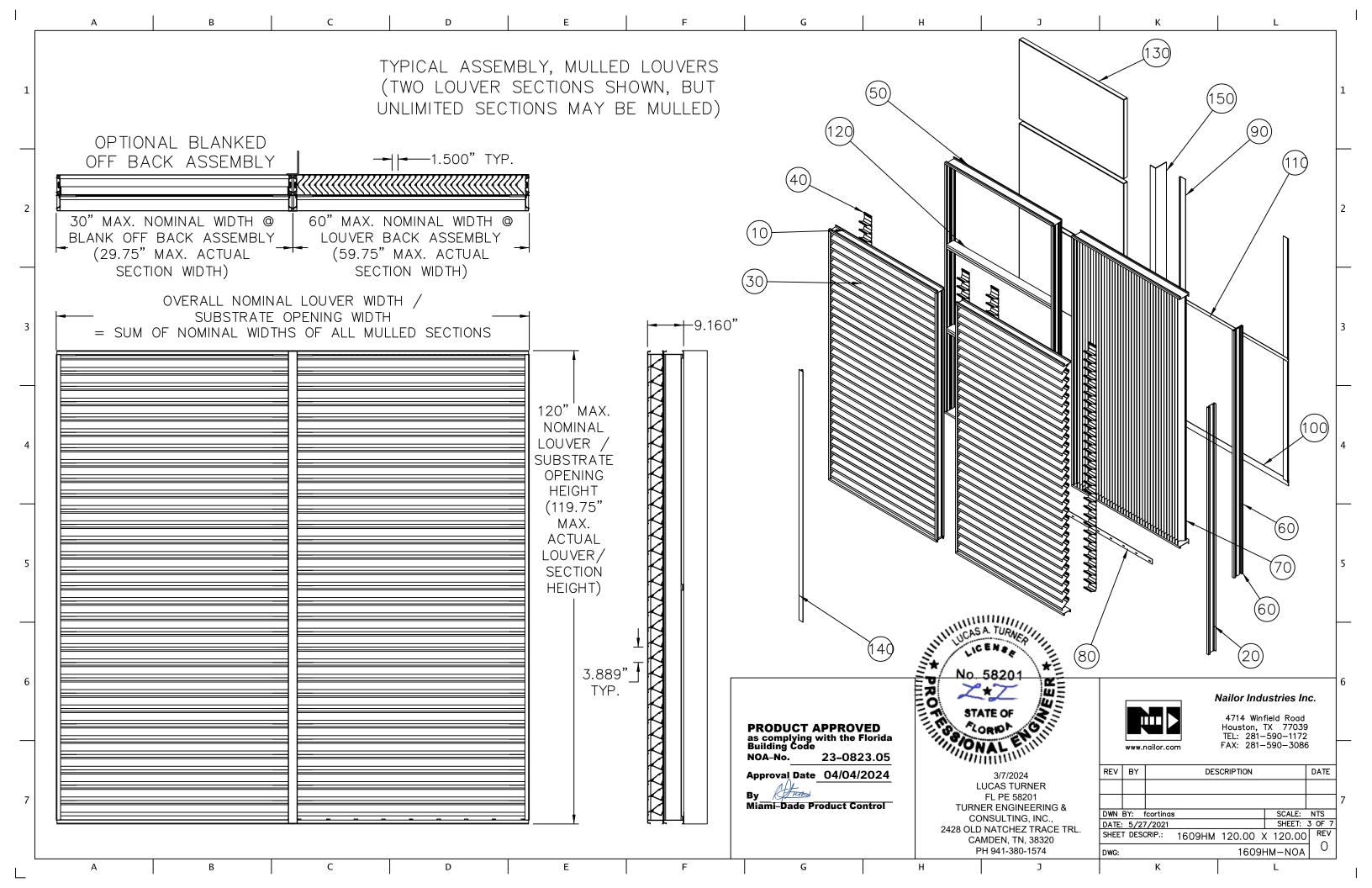
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A	SOLID UNCRACKED CONCRETE (4000 PSI MIN.)		%" DEWALT COATED CARBON STEEL SCREW-BOLT+		1 1/2"	3 1/4"	9"
В	GROUT- FILLED CMU (ASTM C-90 WITH 1,500 PSI MIN. GROUT)	3/8" DEWALT COATED CARBON STEEL SCREW-BOLT+		3 1/4"	1 1/2"	3 1/4"	9"
С	1/4" THICK MIN. A36 MIN. STEEL	3/8"-16 BOLT, 30 CW SS (65ksi M	00 SERIES COND. IIN. YIELD)	1/4"	9/16"	3 1/4"	9"
D	SOUTHERN PINE (SG = 0.55 MIN.)	3/8" LAG SCREV COND. CW SS (	W, 300 SERIES (65ksi MIN. YIELD)	3"	1 1/2"	3 1/4"	5"

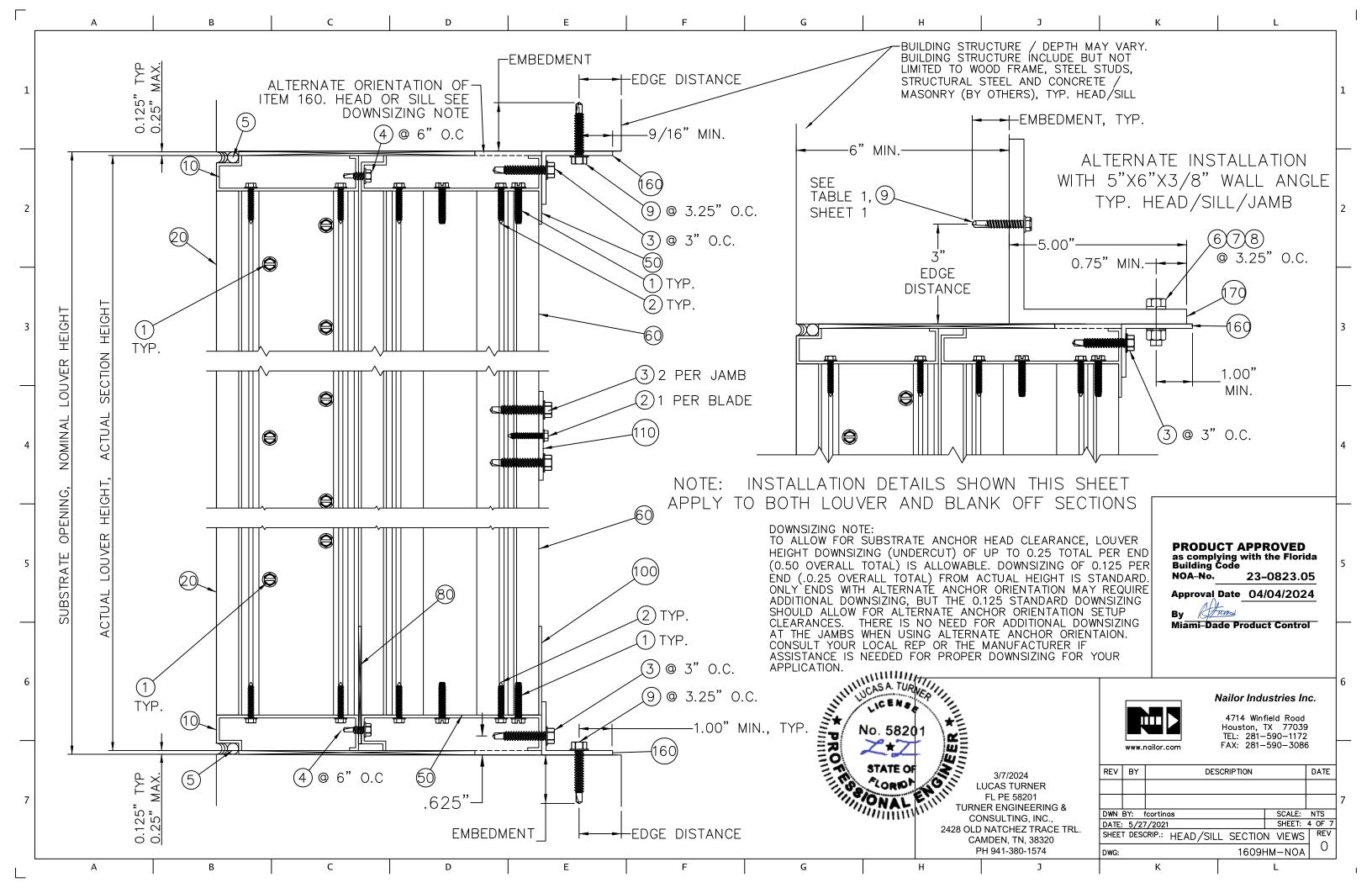
				10	INTERNAL ID C6-144	1604 HD HEAD/SILL FRAME				No. 5
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7	3      C6-193      SCREWM METAL, HEX, #14 X 1 1/2,        4      C6-198      SCREW, MTL, HEX, #8 X 3/4,        5      -      SEALANT & BACKER ROD        6      -      3/8 NYLON INSERT LOCKNUT        7      -      3/8 COMM'L FLAT WASHER        8      -      3/8-16 X 1 HEX CAP SCREW 18-8 SS		110 120 130 140 150 160	120      C6-133      4 in CHANNEL FRAME        130      XX-XXX      BLANK OFF (0.125" THICK 5052-H32 ALUM.)        140      C6-173      MULLION COVER        150      C6-161B      3 x 6 x 1/4 ALUM ANGLE (CONT)		)	Approval Date 04/04/2024 By Hanne Miami-Dade Product Control		LU F TURNEF CON 2428 OLD N CAM	
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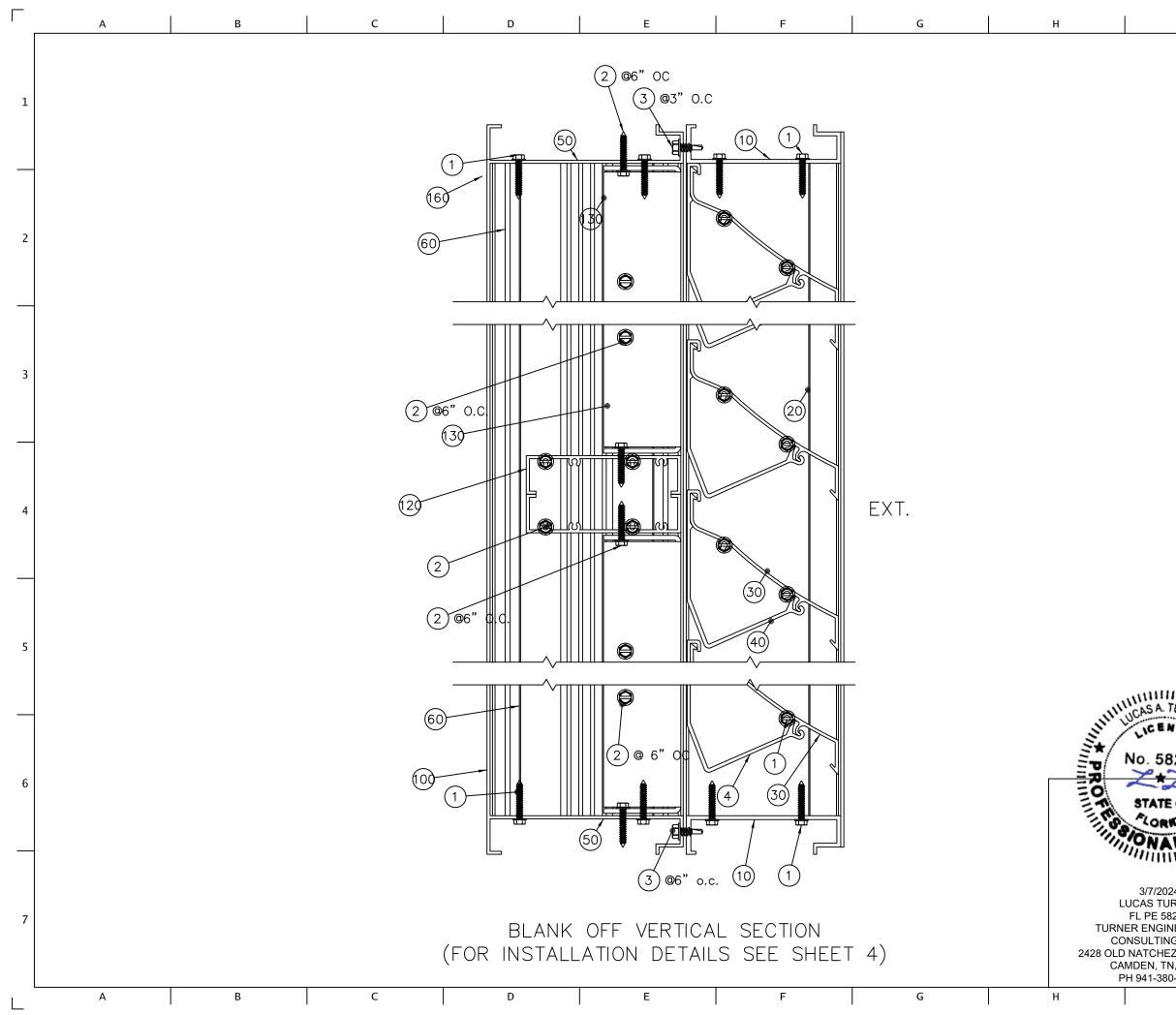
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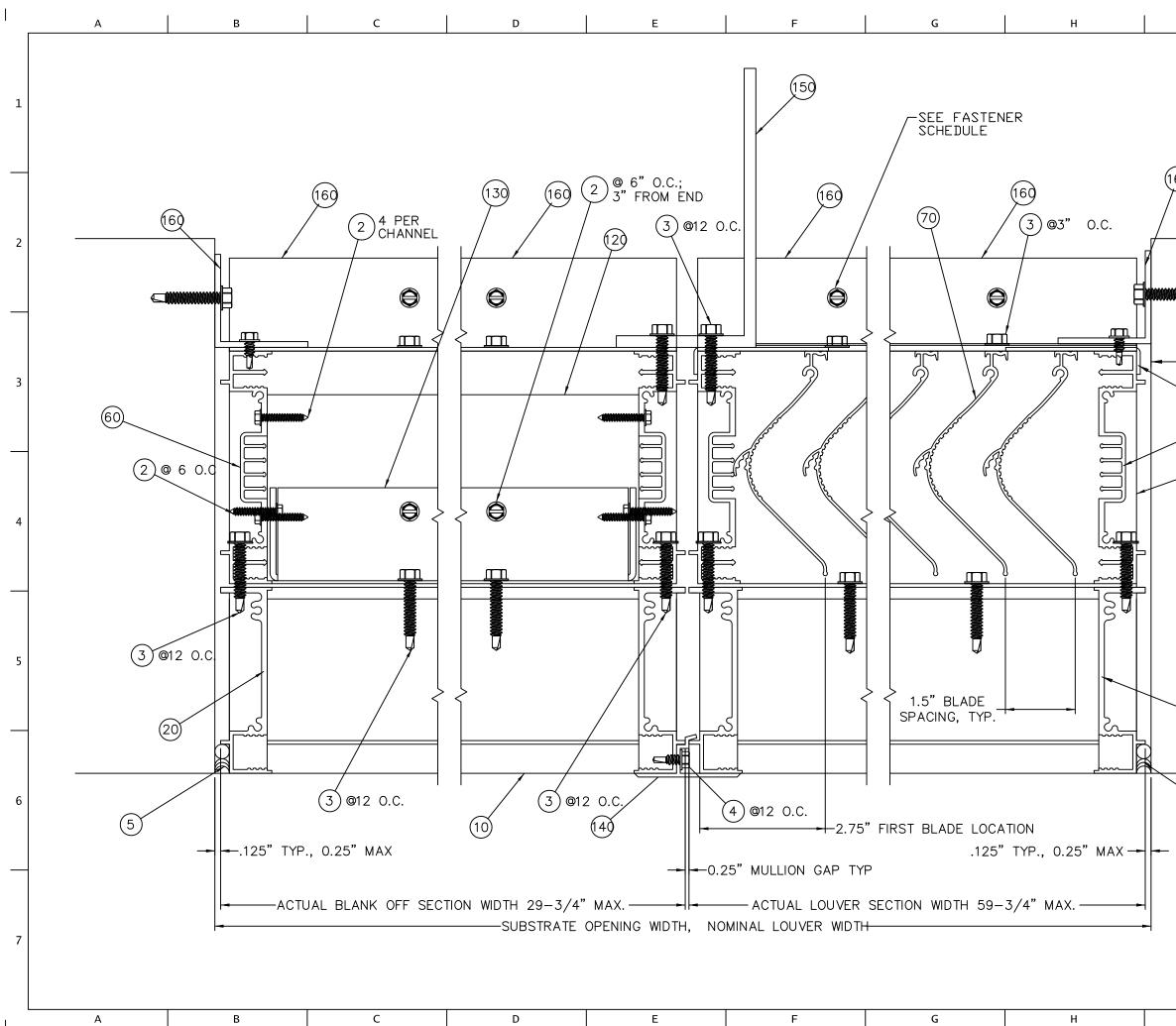


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	PRODUCT APPROVED as complying with the Florida Building Code NOA-No. 23-0823.05 Approval Date 04/04/2024 By Hum Miami-Dade Product Control	-
	6 Nailor Industries Inc. 4714 Winfield Road Houston, TX 77039 TEL: 281–590–1172	
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