

# 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)

PCI Industries, LLC dba All-Lite Arch. Products 5101 Blue Mound Road Fort Worth, TX 76106

#### 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 ECV-345-MD Aluminum Louver**

**APPROVAL DOCUMENT:** Drawing No. **ECV-345-MD NOA**, titled "ECV-345-MD", sheets 1 through 7 of 7, prepared by the manufacturer, dated 07/23/2025, signed and sealed by Wayne K. Helmila, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

#### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** A permanent label with the manufacturer's name or logo, manufacturing plant's city, state, model/ series, and the statement reading: "Miami-Dade County Product Control Approved", is to be located on each unit.

**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 the approval document mentioned above.

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

MIAMI-DADE COUNTY
APPROVED

NOA No. 25-0701.04 Expiration Date: August 7, 2030 Approval Date: August 7, 2025

Page 1

#### PCI Industries, LLC dba All-Lite Arch. Products

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### A. DRAWINGS

1. Drawing No. ECV-345-MD NOA, titled "ECV-345-MD", sheets 1 through 7 of 7, prepared by the manufacturer, dated 07/23/2025, signed and sealed by Wayne K. Helmila, P.E.

#### B. TESTS

- 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 installation diagram of a Model ECV-345-MD Aluminum Louvers, prepared by UL LLC, Test Report No. **SV030902-20200224-A**, dated 03/16/2020, signed and sealed by Alexis Spyrou, P.E.
- 2. Test report on High Velocity Wind Driven Rain Resistance per FBC, AMCA 550-15 on an ECV-345-MD Aluminum Louver, prepared by Intertek, Test Report No. **K4423.01-801-44 R0**, dated 03/20/2020, signed and sealed by Tyler Westerling, P.E.

#### C. CALCULATIONS

1. ECV -345-MD anchorage, dated 06/27/2025, 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 with the 8<sup>th</sup> edition (2023) of the FBC, issued by Rice Engineering, dated 06/27/2025, signed and sealed by Wayne K. Helmila, P.E.
- 2. Statement letter of no financial interest, dated 06/27/2025, issued by Rice Engineering, signed and sealed by Wayne K. Helmila, P.E

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 25-0701.04
Expiration Date: August 7, 2030

Approval Date: August 7, 2030

Approval Date: August 7, 2025

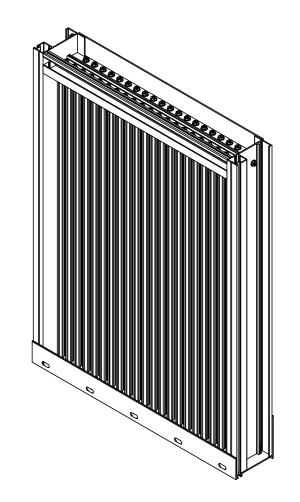
#### NOTES:

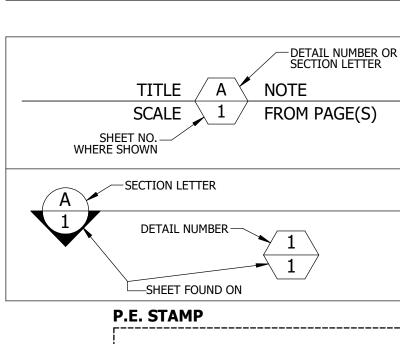
2019)\

- $4 \over 1$ . This noa drawing includes installation details to attain maximum DESIGN PRESSURES OF ±100 PSF AS TESTED IN ACCORDANCE WITH PROTOCOLS TAS 201 (LEVEL 'D', 50 FPS), TAS 202, TAS 203, & AMCA 550 FOR USE WITHIN HIGH VELOCITY HURRICANE-AFFECTED ZONES DEFINED BY THE FLORIDA BUILDING CODE.
- 2. ALL VARIATIONS ARE LARGE MISSILE IMPACT RESISTANT.
- 3. UNITS OF MEASURE ARE FRACTIONAL INCHES UNLESS OTHERWISE SPECIFIED.
- 4. IT IS ASSUMED THAT THE LOUVER SYSTEMS DO NOT SUPPORT ANY LOADS TRANSFERRED FROM THE BUILDING CONDITION.
- 5. IT IS ASSUMED THAT THE BUILDING CONDITIONS ARE ADEQUATELY DESIGNED TO SUPPORT LOADS IMPARTED BY THE LOUVER SYSTEM.
- 6. TO PREVENT GALVANIC CORROSION, ELECTROCHEMICALLY DISSIMILAR MATERIALS IN CONTACT WITH ONE ANOTHER SHALL BE PROTECTED BY PAINT, GASKETING OR OTHER MEANS PER THE FLORIDA BUILDING CODE.
- $\overline{4}$ 7. Since the design meets the performance standards of AMCA 550, the room behind THE LOUVER NEED NOT BE DESIGNED TO DRAIN WATER PENETRATION INTO THE ROOM, AND MAY HOUSE NON-WATER RESISTANT EQUIPMENT, COMPONENTS, OR SUPPLIES.
  - 8. OTHER BUILDING CONDITIONS THAN THOSE DENOTED CAN BE UTILIZED IF ANALYZED AND APPROVED BY A PROFESSIONAL ENGINEER.
  - 9. MULTI-SECTION HIGH LOUVER SYSTEMS ARE ALLOWABLE PROVIDED THE INDIVIDUAL SECTIONS ARE SUPPORTED PER THE DETAILS ON THIS DRAWING AND A SUITABLE SUPPORT STRUCTURE IS ANALYZED AND APPROVED BY A PROFESSIONAL ENGINEER.

TABLE 3				
	ANCHOR SCHEDU	ILE		
SUBSTRATE ANCHOR TYPE		MIN. EMBEDMENT	MIN. EDGE DISTANCE	MAX. SPACING
CONCRETE (f'c $\geq$ 2500 PSI) 3/8" X 4" DEWALT SCREW-BOLT+ (F-3)		3 1/4"	1 1/2"	6"
GROUT-FILLED CMU (f'm $\geq$ 1500 PSI) 3/8" X 4" DEWALT SCREW-BOLT+ (F-3) STEEL (MIN. 3/16" THICK WITH Fy $\geq$ 36 KSI, OR MIN. 16 GA. WITH Fy $\geq$ 50 KSI) 1/4" X 1" SELF-DRILLING SCREW (F-4)		3 1/4"	1 1/2"	4"
		FULL	1"	5"
WOOD (S.G.≥ 0.4)	3/8" X 2 1/2" LAG BOLT WITH FLAT WASHER (F-5)	2 1/4"	1 1/2"	5"

	1 1					
(Sep.		SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	M. SPA
Design		CONCRETE (f'c ≥ 2500 PSI)	3/8" X 4" DEWALT SCREW-BOLT+ (F-3)	3 1/4"	1 1/2"	
Jpdated		GROUT-FILLED CMU (f'm ≥ 1500 PSI)	3/8" X 4" DEWALT SCREW-BOLT+ (F-3)	3 1/4"	1 1/2"	
5-MD NOA\L		STEEL (MIN. 3/16" THICK WITH Fy $\geq$ 36 KSI, OR MIN. 16 GA. WITH Fy $\geq$ 50 KSI)	1/4" X 1" SELF-DRILLING SCREW (F-4)	FULL	1"	
\ECV-34		WOOD (S.G.≥ 0.4)	3/8" X 2 1/2" LAG BOLT WITH FLAT WASHER (F-5)	2 1/4"	1 1/2"	,
3 PROJECTS\LOUVERS\ECV-345-MD NOA\Updated Design (Sep.						
ENGINEERING	4		UPDATED NOTES 1 AND 7 ON SHEET 1		)25 NWW	
H	3	3	RE-RELEASE			
NGI	2		TED FOR NOA RENEWAL	3/11/20		
:\ E	┝	1	INITIAL RELEASE DESCRIPTION	5/5/20 DATE		
ï	RE	-v.	DATE	E DRAWN	DΪ	





SINGLE SECTION HIGH - UNLIMITED WIDTH

MAX DESIGN PRESSURE

±100 PSF

TABLE 1

SINGLE SECTION SIZE LIMITATIONS

MIN (W X H)

12" X 12"

TABLE 2

MULTIPLE SECTION SIZE LIMITATIONS

(MAX DESIGN PRESSURE: ±100 PSF)

MAX (W X H)

60" X 96"

SEE SHEET 5

#### PRODUCT APPROVED as complying with the Florida Building Code

NOA-No. 25-0701.04

**Approval Date** 08/07/2025 Huns

Miami-Dade Product Control

#### 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

# 07/23/2025 COA: 9090

# UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.

TOLERANCE UNLESS NOTED: X.X X.XX ±0.060  $\pm 0.030$ X.XXX ±0.010 ANGLE ±1° FRACTION ±1/16

MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS

# PCI INDUSTRIES DOING BUSINESS AS **ARCHITECTURAL PRODUCTS**

THIRD ANGLE PROJECTION



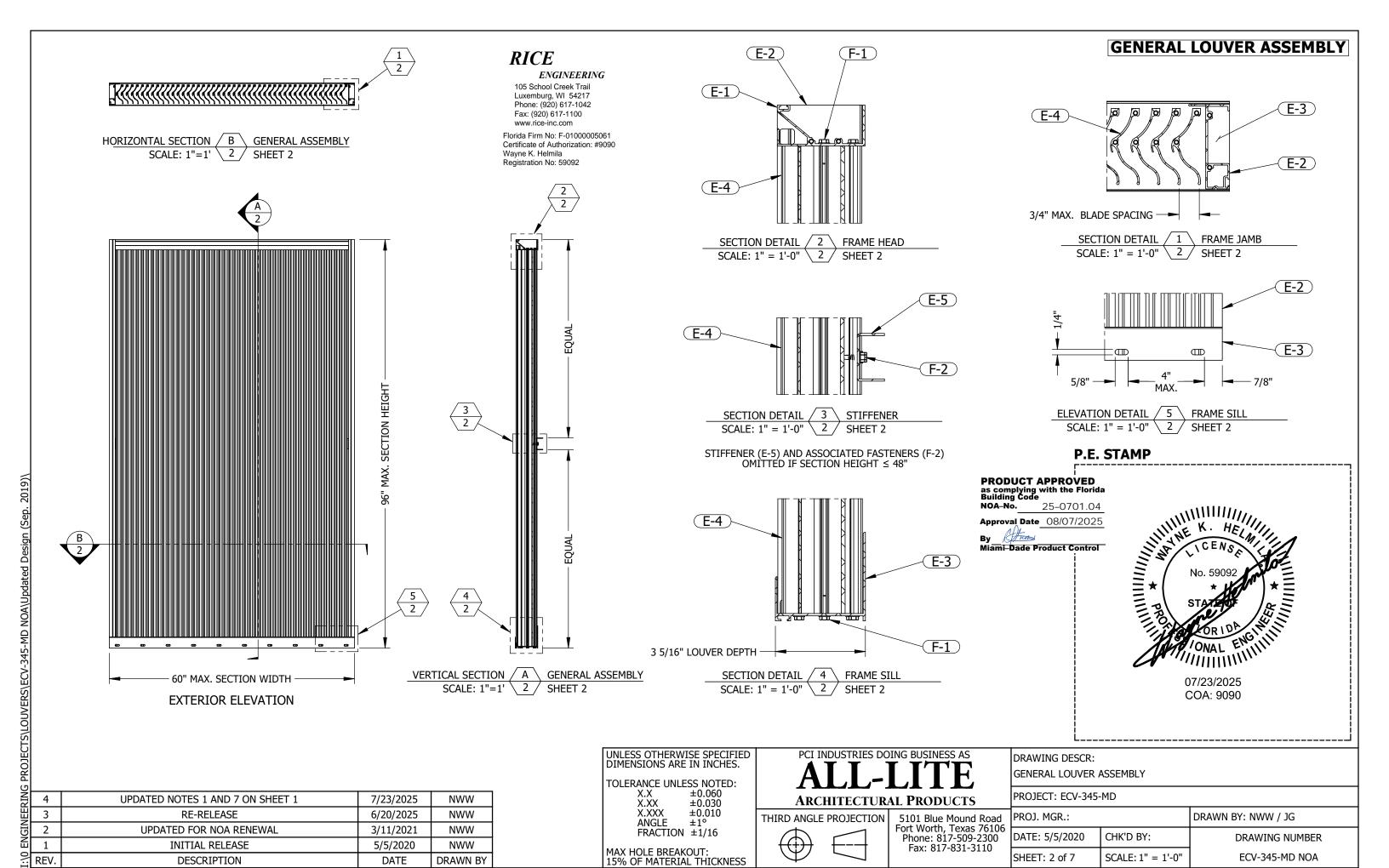
5101 Blue Mound Road Fort Worth, Texas 76106 Phone: 817-509-2300 Fax: 817-831-3110

DRAWING DESCR: **COVER SHEET** 

PROJECT: ECV-345-MD

PROJ. MGR.: DRAWN BY: NWW / JG CHK'D BY: DATE: 5/5/2020

DRAWING NUMBER SHEET: 1 of 7 SCALE: NONE ECV-345-MD NOA



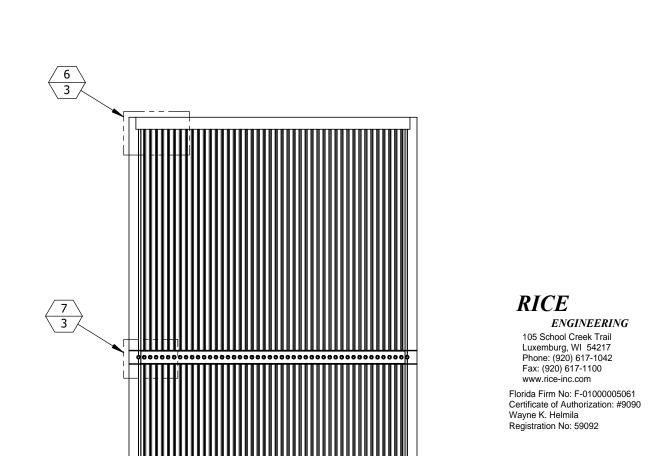
REV.

DESCRIPTION

DATE

DRAWN BY

#### **GENERAL LOUVER ASSEMBLY**



(E-1) (F-1) E-4

ASSEMBLY DETAIL 6 UPPER CORNER

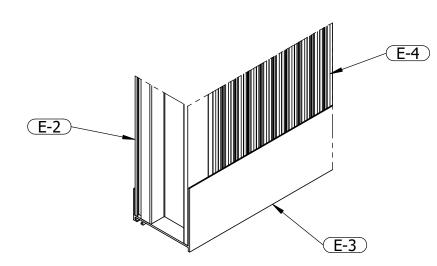
SCALE: 3"=1' \ 3 / SHEET 3

E-2

ASSEMBLY DETAIL 7 STIFFENER SCALE: 3"=1' 3 / SHEET 3

P.E. STAMP

STIFFENER (E-5) AND ASSOCIATED FASTENERS (F-2) OMITTED IF SECTION HEIGHT  $\leq$  48"



ASSEMBLY DETAIL 8 LOWER CORNER SCALE: 3"=1' \ 3 / SHEET 3

ENGRAVED LABEL DETAIL

PCI Industries <u>LLC</u> d/b/a Miami Dade County ALL-LITE Ft Worth TX SO# 123456

**Product Control** Approved

**PRODUCT APPROVED** as complying with the Florida Building Code

NOA-No. 25-0701.04

**Approval Date** 08/07/2025

Hum

Miami-Dade Product Control

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.

TOLERANCE UNLESS NOTED: X.X X.XX  $\pm 0.060$  $\pm 0.030$ ±0.010 ±1° X.XXX ANGLE FRACTION ±1/16

MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS

**ARCHITECTURAL PRODUCTS** 

THIRD ANGLE PROJECTION

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$\Psi$	

5101 Blue Mound Road Fort Worth, Texas 76106 Phone: 817-509-2300 Fax: 817-831-3110

DRAWING DESCR: GENERAL LOUVER ASSEMBLY

PROJECT: ECV-345-MD

PROJ. MGR.: DRAWN BY: NWW / JG DATE: 5/5/2020 CHK'D BY: DRAWING NUMBER SHEET: 3 of 7 SCALE: 1"=1'-0" ECV-345-MD NOA

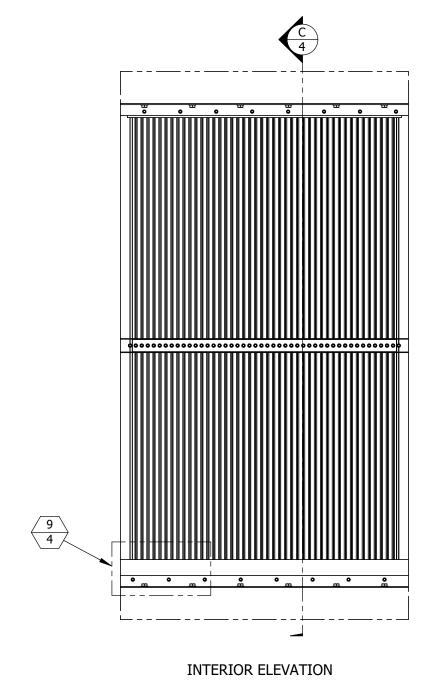
07/23/2025 COA: 9090

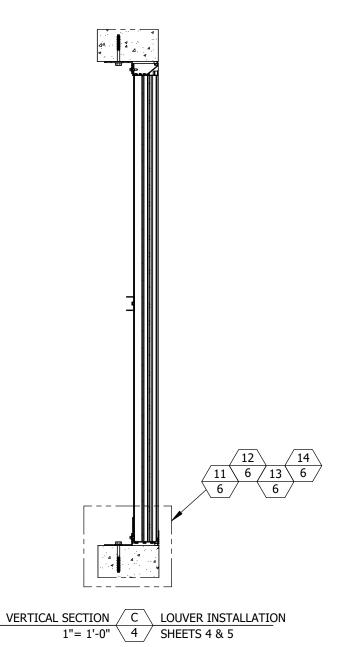
UPDATED NOTES 1 AND 7 ON SHEET 1 7/23/2025 NWW 3 **RE-RELEASE** 6/20/2025 NWW 2 UPDATED FOR NOA RENEWAL 3/11/2021 NWW 1 **INITIAL RELEASE** 5/5/2020 NWW REV. DESCRIPTION DATE DRAWN BY

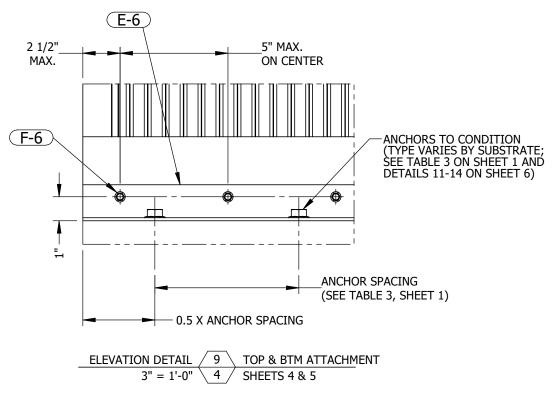
INTERIOR ELEVATION

PROJECTS\LOUVERS\ECV-345-MD NOA\Updated Design (Sep. 2019)\

#### **SINGLE-SECTION INSTALLATION**







PRODUCT APPROVED as complying with the Florida Building Code

NOA-No.

25-0701.04

**Approval Date** 08/07/2025

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Miami-Dade Product Control

## 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

#### P.E. STAMP



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.

TOLERANCE UNLESS NOTED: X.X X.XX X.XXX ANGLE  $\pm 0.060$  $\pm 0.030$ ±0.010 ±1° FRACTION ±1/16

MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS

# PCI INDUSTRIES DOING BUSINESS AS

THIRD ANGLE PROJECTION



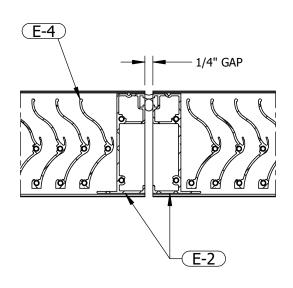
DRAWING DESCR: SINGLE-SECTION INSTALLATION

	PROJ. MGR.:		DRAWN BY: NWW / JG
o	DATE: 5/5/2020	CHK'D BY:	DRAWING NUMBER
	SHEET: 4 of 7	SCALE: 1"=1'-0"	ECV-345-MD NOA

I:\0 ENGINEERING PROJECTS\LOUVERS\ECV-345-MD NOA\Updated Design (Sep. ?		INTERIOR ELEVATION		
RIŅ	4	UPDATED NOTES 1 AND 7 ON SHEET 1	7/23/2025	NWW
	3	RE-RELEASE	6/20/2025	NWW
GIN	2	UPDATED FOR NOA RENEWAL	3/11/2021	NWW
Ě	1	INITIAL RELEASE	5/5/2020	NWW
0\:1	REV.	DESCRIPTION	DATE	DRAWN BY
				•

PROJECT: ECV-345-MD **ARCHITECTURAL PRODUCTS** 5101 Blue Mound Road Fort Worth, Texas 76106 Phone: 817-509-2300 Fax: 817-831-3110

#### **MULTI-SECTION WIDE INSTALLATION**



4" = 1'-0" 5 SHEET 5

SECTION DETAIL 10 VERTICAL MULLION

QUANTITY OF SECTIONS WIDE IS UNLIMITED

**PRODUCT APPROVED** as complying with the Florida Building Code

NOA-No.

25-0701.04 **Approval Date** 08/07/2025

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Miami-Dade Product Control

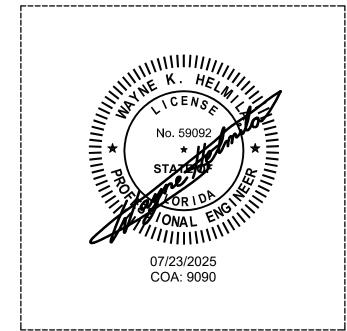
# RICE

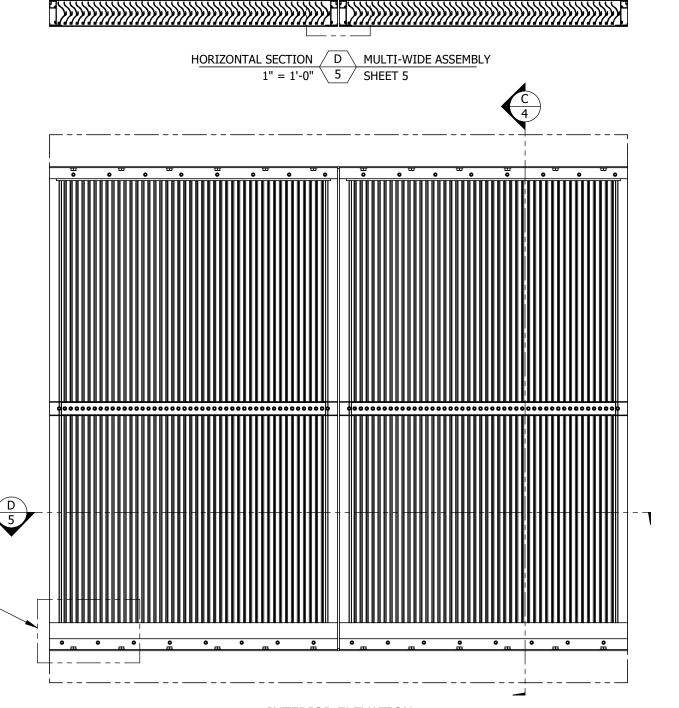
**ENGINEERING** 

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

#### P.E. STAMP





INTERIOR ELEVATION QUANTITY OF SECTIONS WIDE IS UNLIMITED

וט				
	4	UPDATED NOTES 1 AND 7 ON SHEET 1	7/23/2025	NWW
ENGINEERIN	3	RE-RELEASE	6/20/2025	NWW
톙	2	UPDATED FOR NOA RENEWAL	3/11/2021	NWW
	1	INITIAL RELEASE	5/5/2020	NWW
위	REV.	DESCRIPTION	DATE	DRAWN BY

PROJECTS\LOUVERS\ECV-345-MD NOA\Updated Design (Sep.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.

TOLERANCE UNLESS NOTED: X.X X.XX X.XXX ANGLE  $\pm 0.060$  $\pm 0.030$ ±0.010 ±1° FRACTION ±1/16

MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS



THIRD ANGLE PROJECTION



5101 Blue Mound Road Fort Worth, Texas 76106 Phone: 817-509-2300 Fax: 817-831-3110

DRAWING DESCR:

MULTI-SECTION WIDE INSTALLATION

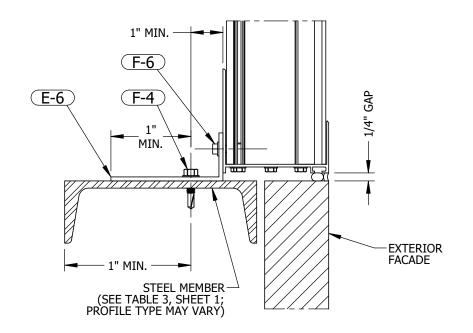
PROJECT: ECV-345-MD

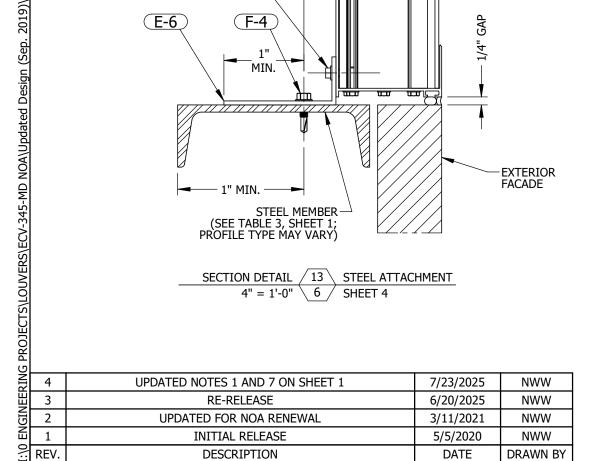
PROJ. MGR.:			DRAWN BY: NWW / JG	
DATE: 5/5/2020 CHK'D BY:		CHK'D BY:	DRAWING NUMBER	
	SHEET: 5 of 7	SCALE: 1"=1'-0"	ECV-345-MD NOA	

# (F-6) 1 1/2" MIN. 1 1/2" MIN. — ПП (E-6) (F-3) CONCRETE (f'c ≥ 2500 PSI)

SECTION DETAIL 11 CONCRETE ATTACHMENT 4" = 1'-0" 6 SHEET 4

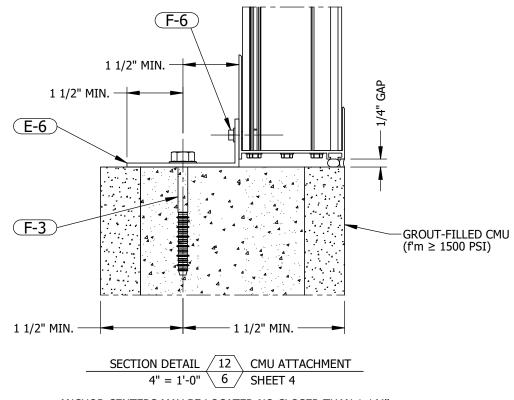
1 1/2" MIN. — 3 3/4" MIN. —



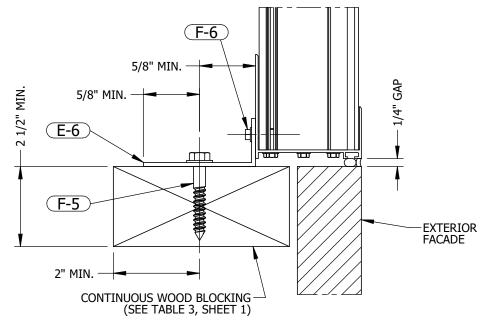


SECTION DETAIL 13 STEEL ATTACHMENT

 $4'' = 1'-0'' \setminus 6 / SHEET 4$ 



ANCHOR CENTERS MAY BE LOCATED NO CLOSER THAN 1-1/4" TO A VERTICAL (HEAD) JOINT IN THE MASONRY.



SECTION DETAIL 14 WOOD ATTACHMENT

4" = 1'-0" 6 SHEET 4

### RICE

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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

**INSTALLATION DETAILS** 

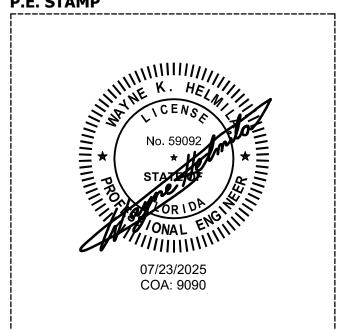
**PRODUCT APPROVED** as complying with the Florida Building Code NOA-No. 25-0701.04

**Approval Date** 08/07/2025

Huns

Miami-Dade Product Control

#### P.E. STAMP



UNLESS OTHERWISE SPECIFIEI
DIMENSIONS ARE IN INCHES.

TOLERANCE UNLESS NOTED:  $\pm 0.060$ X.XX  $\pm 0.030$ ±0.010 ±1° X.XXX ANGLE FRACTION ±1/16

MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS

# PCI INDUSTRIES DOING BUSINESS AS **ARCHITECTURAL PRODUCTS**

THIRD ANGLE PROJECTION



5101 Blue Mound Road Fort Worth, Texas 76106 Phone: 817-509-2300 Fax: 817-831-3110

DRAWING DESCR: INSTALLATION DETAILS

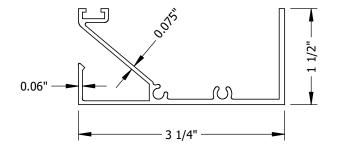
PROJECT: ECV-345-MD

_	PROJ. MGR.:		DRAWN BY: NWW / JG
DATE: 5/5/2020 CHK'D BY:		CHK'D BY:	DRAWING NUMBER
	SHEET: 6 of 7	SCALE: AS NOTED	ECV-345-MD NOA

PART NO: E-1

PART NAME: FRAME HEAD

MATERIAL: 0.085" THICK 6063-T6 EXTRUDED ALUMINUM

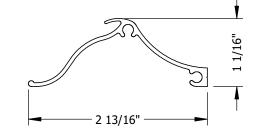


PART NO: E-4

PART NAME: BLADE

MATERIAL: 0.06" THICK 6063-T5

EXTRUDED ALUMINUM



#### **BILL OF MATERIALS**

PRODUCT APPROVED as complying with the Florida Building Code

NOA-No. 25-0701.04

**Approval Date** 08/07/2025

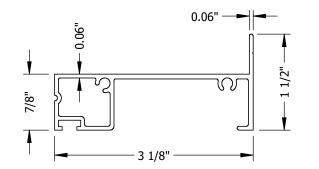
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Miami-Dade Product Control

PART NO: E-2

PART NAME: FRAME JAMB

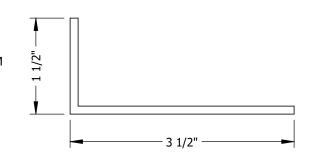
MATERIAL: 0.075" THICK 6063-T6 EXTRUDED ALUMINUM



PART NO: E-6

PART NAME: CONTINUOUS ANGLE

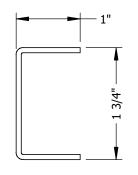
MATERIAL: 0.125" THICK 6063-T6 EXTRUDED ALUMINUM



PART NO: E-5

PART NAME: STIFFENER

MATERIAL: 0.08" THICK 5052-H32 FORMED ALUMINUM

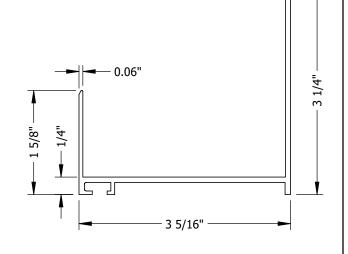


PART NO: E-3

PART NAME: FRAME SILL

MATERIAL: 0.085" THICK 6063-T6

EXTRUDED ALUMINUM



#### **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

MISCELLANEOUS FASTENERS				
PART NO. DESCRIPTION				
F-1	#10-14 X 1" LONG, HWH, 410 SST, NEEDLE POINT SELF-TAPPING SCREW			
F-2	#12-14 X 3/4" LONG, HWH, 410 SST, TEK SELF-DRILLING SCREW			
F-3	3/8" X 4" DEWALT SCREW-BOLT+ SCREW ANCHOR, GALV. FINISH			
F-4	1/4-14 X 1" LONG SELF-DRILLING SCREW, 300-SERIES SST			
F-5	3/8" X 2 1/2" LONG LAG BOLT AND FLAT WASHER, 300-SERIES SST			
F-6	#12-14 X 3/4" LONG, HWH, TEK SELF-DRILLING SCREW, 300-SERIES SST			

#### P.E. STAMP



ENGINEERING PROJECTS\LOUVERS\ECV-345-MD NOA\Updated Design (Sep. 2019)\		EXTRUDED ALUMINUM	— 3 5/16" ——	
ING PROJECTS\LOU	4	UPDATED NOTES 1 AND 7 ON SHEET 1	7/23/2025	NWW
E.	3	RE-RELEASE	6/20/2025	NWW
NIS	2	UPDATED FOR NOA RENEWAL	3/11/2021	NWW
INITIAL RELEASE 5/5/2020				NWW
o}:	REV. DESCRIPTION DATE DRA			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.

TOLERANCE UNLESS NOTED: X.X X.XX  $\pm 0.060$  $\pm 0.030$ ±0.010 ±1° X.XXX ANGLE FRACTION ±1/16

MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS



THIRD ANGLE PROJECTION



5101 Blue Mound Road Fort Worth, Texas 76106 Phone: 817-509-2300 Fax: 817-831-3110

DRAWING DESCR: BILL OF MATERIALS

PROJECT: ECV-345-MD

ĺ	PROJ. MGR.:		DRAWN BY: NWW / JG	
ь	DATE: 5/5/2020	CHK'D BY:	DRAWING NUMBER	
	SHEET: 7 of 7	SCALE: 8"=1'-0"	ECV-345-MD NOA	