



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/building

PCI Industries, LLC dba Pottorff
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 EDV- 545-MD Aluminum Louver

APPROVAL DOCUMENT: Drawing No. **EDV-545-MD NOA**, titled "EDV-545-MD", sheets 1 through 9 of 9, dated 12/01/21, with revision **0** dated 12/20/21, prepared by the manufacturer, 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: 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 **revises NOA No. 22-0118.04** 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 **Manuel Perez, P.E.**




2/14/24

NOA No. 23-1215.15
Expiration Date: February 17, 2027
Approval Date: February 22, 2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 22-0118.04)
2. Drawing No. **EDV-545-MD NOA**, titled "EDV-545-MD", sheets 1 through 9 of 9, dated 12/01/21, with revision **0** dated 12/20/21, prepared by the manufacturer, signed and sealed by Wayne K. Helmila, P.E.
(Submitted under NOA No. 22-0118.04)

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 (Level E, 80 fps)
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with installation diagram of Model EDV-545-MD Aluminum Louvers, prepared by Quast Consulting & Testing, Inc., Test Report No. **QCT21-6455.02**, dated 10/20/21, signed and sealed by Brian Sasman, P.E.
(Submitted under NOA No. 22-0118.04)
2. Test Reports on High Velocity Wind Driven Rain Resistance per AMCA 550 Rev. 09-18/TAS 100(A)-95 of a Model EDV-545-MD Aluminum Louver, prepared by Quast Consulting & Testing, Inc., Test Report No. **QCT21-6455.01**, dated 10/19/21, signed and sealed by Brian Sasman, P.E.
(Submitted under NOA No. 22-0118.04)

C. CALCULATIONS


1. EDV-545-MD louver anchor calculations dated 12/14/21, prepared by Rice Engineering, signed and sealed by Wayne K. Helmila, P.E.
(Submitted under NOA No. 22-0118.04)

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.


Pérez, P.E.
Product Control Examiner
NOA No. 23-1215.15
Expiration Date: February 17, 2027
Approval Date: February 22, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, dated 01/25/22, issued by Rice Engineering, signed and sealed by Wayne K. Helmila, P.E. ***(Submitted under NOA No. 22-0118.04)***
2. Statement letter of no financial interest, dated 01/25/22, issued by Rice Engineering, signed and sealed by Wayne K. Helmila, P.E. ***(Submitted under NOA No. 22-0118.04)***

G. OTHERS

1. None.



Manuel Perez, P.E.

Product Control Examiner

NOA No. 23-1215.15

Expiration Date: February 17, 2027

Approval Date: February 22, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

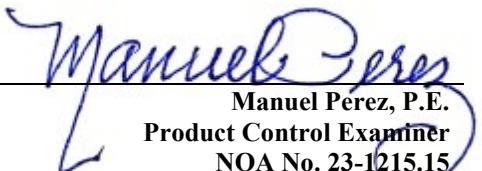
1. None.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, issued by Rice Engineering, dated 11/28/23, signed and sealed by Wayne K. Helmila, P.E.

G. OTHERS

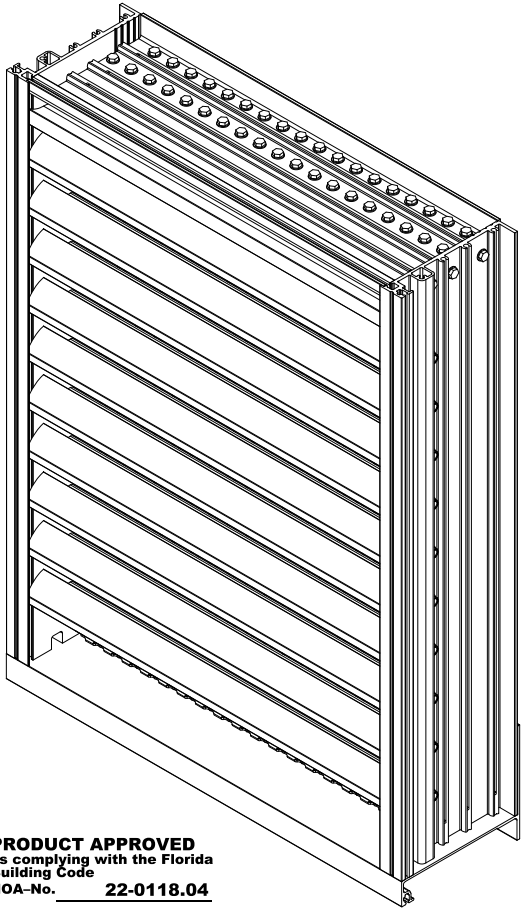
1. Notice of Acceptance No. **22-0118.04**, issued to PCI Industries, LLC d/b/a Pottorff for their Model EDV - 545-MD Aluminum Louver, approved on 02/17/22 and expiring on 02/17/27.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-1215.15
Expiration Date: February 17, 2027
Approval Date: February 22, 2024

I:\Engineering Library\ECN-EIN\2021\ECN 21-0084 - EDV-545-MD NOA Drawing

NOTES:

1. THIS NOA DRAWING INCLUDES INSTALLATION DETAILS TO ATTAIN MAXIMUM DESIGN PRESSURES OF ± 100 PSF AS TESTED IN ACCORDANCE WITH PROTOCOLS TAS 201 (LEVEL 'E', 80 FPS), TAS 202, TAS 203, TAS 100A, & 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.
7. SINCE THE DESIGN MEETS THE PERFORMANCE STANDARDS OF TAS 100A AND 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.
10. TO PREVENT WATER INFILTRATION BETWEEN THE LOUVER AND THE BUILDING CONDITION, LOUVERS SHALL BE INSTALLED WITH CAULK AND BACKER ROD AROUND THE ENTIRE PERIMETER OF THE OPENING, FOR MULTIPLE SECTION WIDE LOUVER ASSEMBLIES, CAULK AND BACKER ROD SHALL ALSO BE APPLIED AT EVERY VERTICAL JOINT BETWEEN SECTIONS.



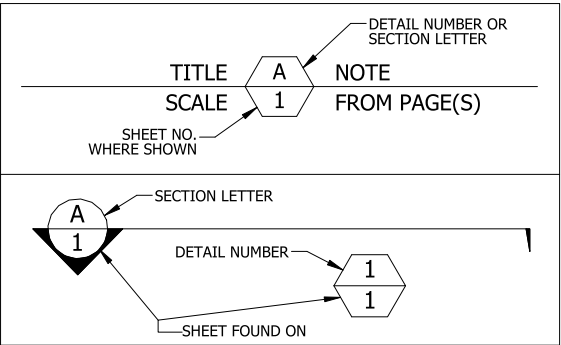
PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-1215.15**
Expiration Date: **02/17/2027**
By: *Manuel Soto*
Miami-Dade Product Control

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. **22-0118.04**
Approval Date **02/17/2022**
By: *AP*
Miami-Dade Product Control

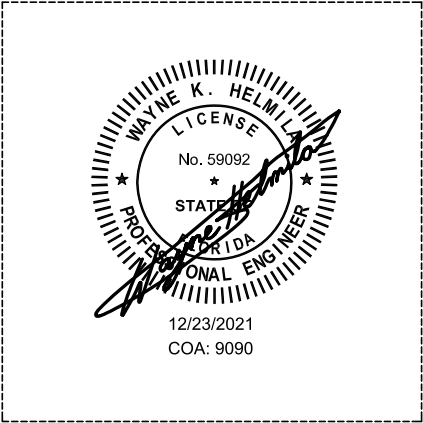
RICE
ENGINEERING
105 School Creek Trail
Luxemburg, WI 54217
Phone: (920) 617-1042
Fax: (920) 617-1100
www.rice-inc.com
Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092

TABLE 1		
SINGLE SECTION SIZE LIMITATIONS		
MAX DESIGN PRESSURE	MIN (W X H)	MAX (W X H)
± 100 PSF	11 1/2" X 11 1/2"	60" X 96"

TABLE 2	
MULTIPLE SECTION SIZE LIMITATIONS (MAX DESIGN PRESSURE: ± 100 PSF)	
SINGLE SECTION HIGH - UNLIMITED WIDTH	SEE SHEET 5




P.E. STAMP

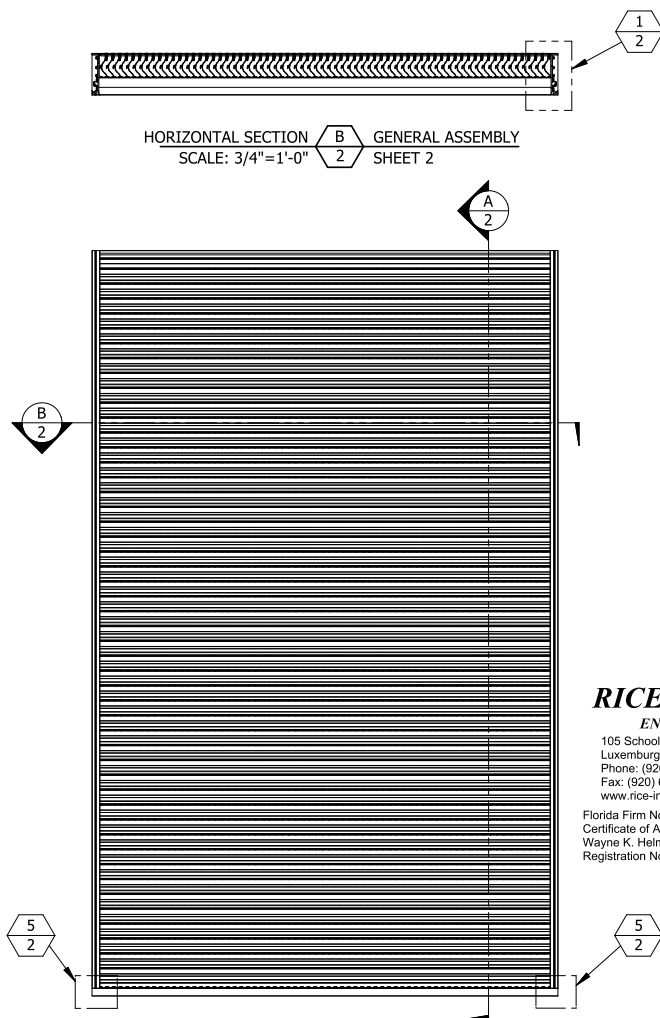


0	INITIAL RELEASE	12/20/2021	JMR
REV.	DESCRIPTION	DATE	DRAWN BY

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCE UNLESS NOTED:
X.X ± 0.060
X.XX ± 0.030
X.XXX ± 0.010
ANGLE $\pm 1^\circ$
FRACTION $\pm 1/16$
MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

PCI INDUSTRIES DOING BUSINESS AS		DRAWING DESCR:	
POTTORFF		COVER SHEET	
THIRD ANGLE PROJECTION		PROJECT: EDV-545-MD	
	5101 Blue Mound Road Fort Worth, Texas 76106 Phone: 817-509-2300 Fax: 817-831-3110	PROJ. MGR.: BEN FORD	
		DRAWN BY: JMR	
		DATE: 12/1/2021	CHK'D BY: BAF
SHEET: 1 of 9		SCALE: NONE	DRAWING NUMBER
			EDV-545-MD NOA

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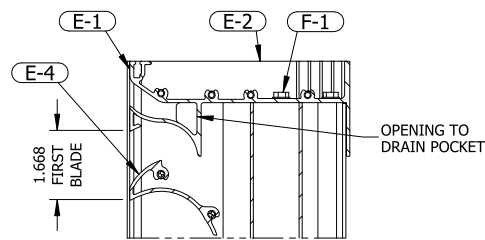
HORIZONTAL SECTION
SCALE: 3/4"=1'-0"

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. **22-0118.04**
Approval Date **02/17/2022**
By *[Signature]*
Miami-Dade Product Control

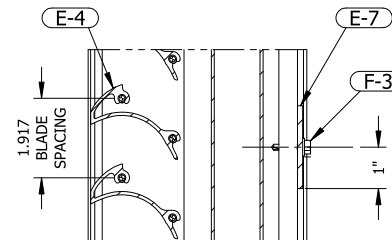
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ENGINEERING
105 School Creek Trail
Luxemburg, WI 54217
Phone: (920) 617-1042
Fax: (920) 617-1100
www.rice-inc.com
Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092

EXTERIOR ELEVATION
PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-1215.15**
Expiration Date: **02/17/2027**
By: *[Signature]*
Miami-Dade Product Control

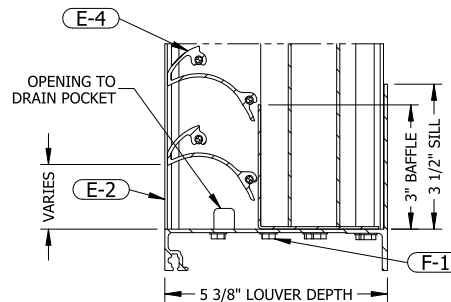
VERTICAL SECTION
SCALE: 3/4"=1'-0"



SECTION DETAIL
SCALE: 4"=1'-0"

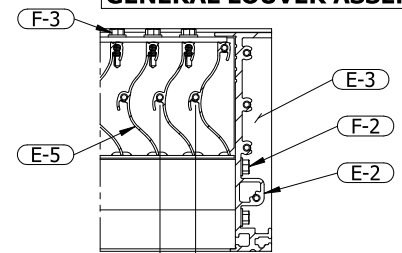


SECTION DETAIL
SCALE: 4"=1'-0"



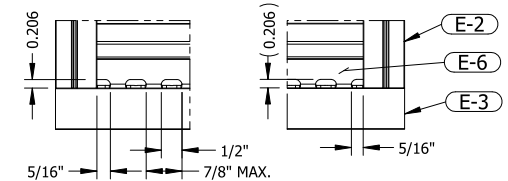
SECTION DETAIL
SCALE: 4"=1'-0"

GENERAL LOUVER ASSEMBLY



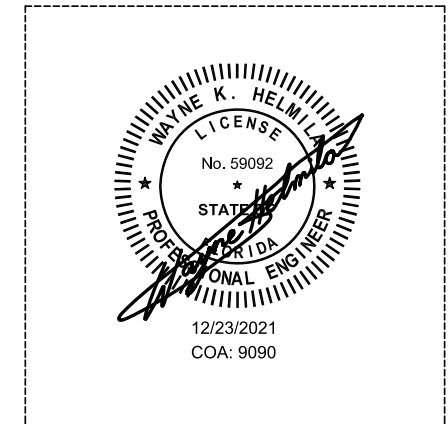
7/8" MAX. BLADE SPACING

SECTION DETAIL
SCALE: 4"=1'-0"



ELEVATION DETAIL
SCALE: 4"=1'-0"

P.E. STAMP



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.

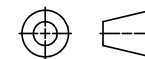
TOLERANCE UNLESS NOTED:
X.X ±0.060
X.XX ±0.030
X.XXX ±0.010
ANGLE ±1°
FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

PCI INDUSTRIES DOING BUSINESS AS

POTTORFF

THIRD ANGLE PROJECTION



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

DRAWING DESCR:

GENERAL LOUVER ASSEMBLY

PROJECT: EDV-545-MD

PROJ. MGR.: BEN FORD

DATE: 12/1/2021

SHEET: 2 of 9

CHK'D BY: BAF

SCALE: 3/4"=1'-0"

DRAWN BY: JMR

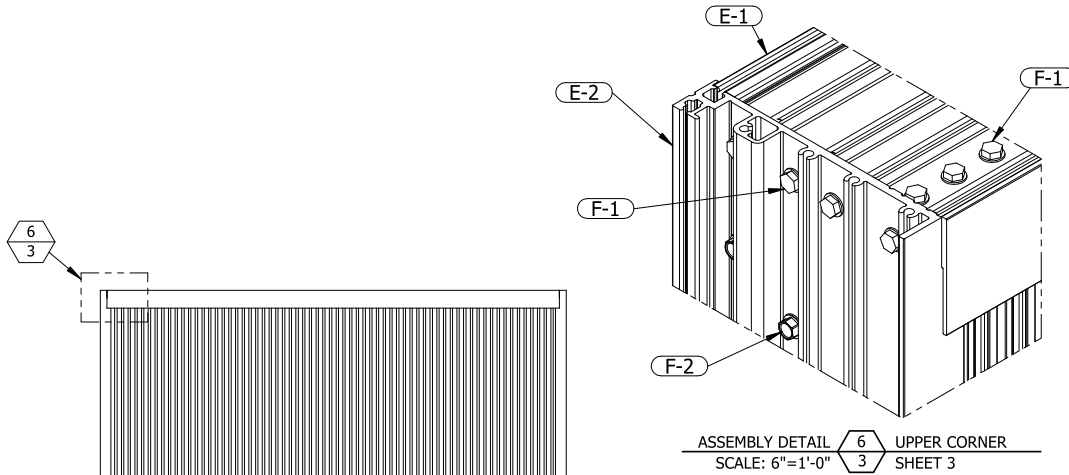
DRAWING NUMBER

EDV-545-MD NOA

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REV.	DESCRIPTION	DATE	DRAWN BY

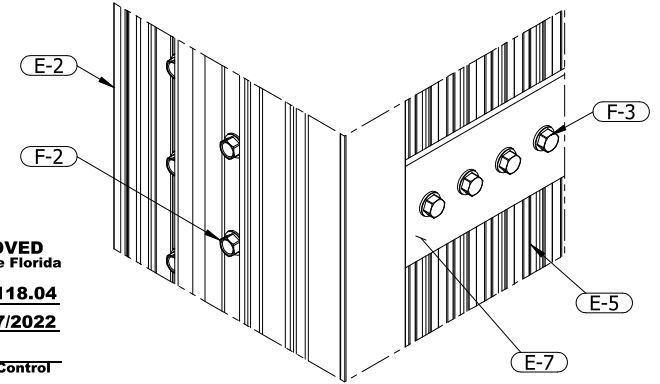
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GENERAL LOUVER ASSEMBLY

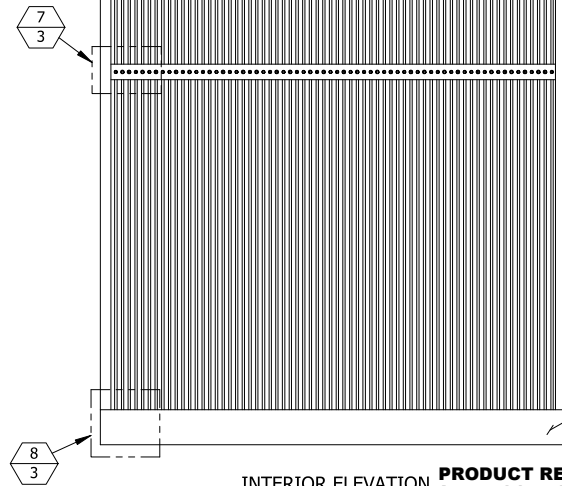


ASSEMBLY DETAIL 6
3 UPPER CORNER
SCALE: 6"=1'-0" SHEET 3

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. **22-0118.04**
Approval Date **02/17/2022**
By *[Signature]*
Miami-Dade Product Control



ASSEMBLY DETAIL 7
3 BLADE SUPPORT
SCALE: 6"=1'-0" SHEET 3
STIFFENER (E-7) AND ASSOCIATED FASTENERS (F-2)
OMITTED IF SECTION HEIGHT ≤ 48"

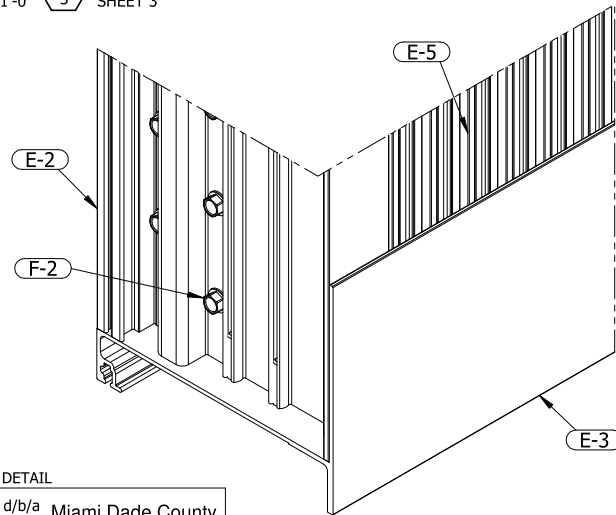


INTERIOR ELEVATION

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105 School Creek Trail
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www.rice-inc.com
Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmli
Registration No: 59092

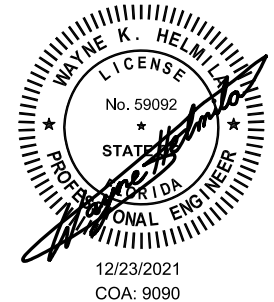
ENGRAVED LABEL DETAIL

PCI Industries LLC d/b/a **POTTORFF**
Ft Worth TX
SO# 123456
Miami Dade County
Product Control
Approved



ASSEMBLY DETAIL 8
3 LOWER CORNER
SCALE: 6"=1'-0" SHEET 3

P.E. STAMP



PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-1215.15**
Expiration Date: **02/17/2027**
By: *[Signature]*
Miami-Dade Product Control

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DIMENSIONS ARE IN INCHES.

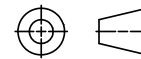
TOLERANCE UNLESS NOTED:
X.X ±0.060
X.XX ±0.030
X.XXX ±0.010
ANGLE ±1°
FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

PCI INDUSTRIES DOING BUSINESS AS

POTTORFF

THIRD ANGLE PROJECTION



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

DRAWING DESCR:

GENERAL LOUVER ASSEMBLY

PROJECT: EDV-545-MD

PROJ. MGR.: BEN FORD

DATE: 12/1/2021

SHEET: 3 of 9

CHK'D BY: BAF

SCALE: 3/4"=1'-0"

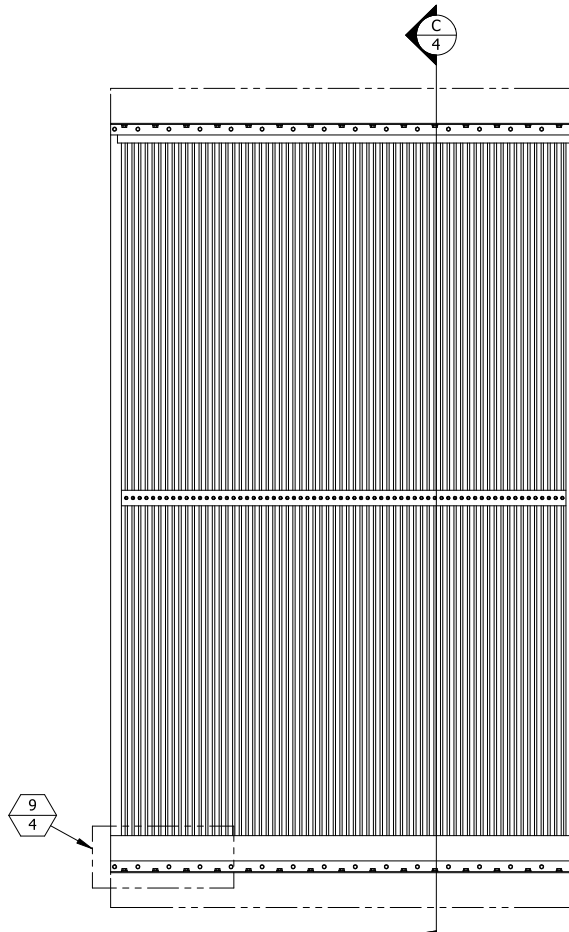
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DRAWING NUMBER

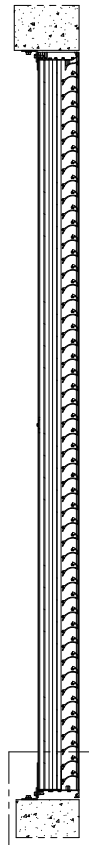
EDV-545-MD NOA

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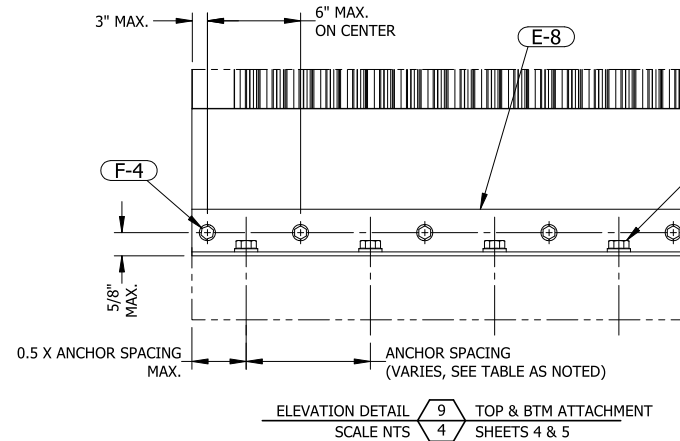
SINGLE-SECTION INSTALLATION



INTERIOR ELEVATION



VERTICAL SECTION C-4 LOUVER INSTALLATION
SCALE: 3/4"=1'-0" SHEETS 4 & 5



ANCHORS TO CONDITION
(TYPE VARIES BY SUBSTRATE;
SEE TABLE 3, 4 ON SHEET 6, 7 AND
DETAILS 11-14 ON SHEET 6, 7)

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. **22-0118.04**
Approval Date **02/17/2022**
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Miami-Dade Product Control

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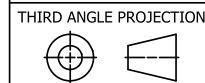
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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCE UNLESS NOTED:
X.X ±0.060
X.XX ±0.030
X.XXX ±0.010
ANGLE ±1°
FRACTION ±1/16
MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

PCI INDUSTRIES DOING BUSINESS AS
POTTORFF

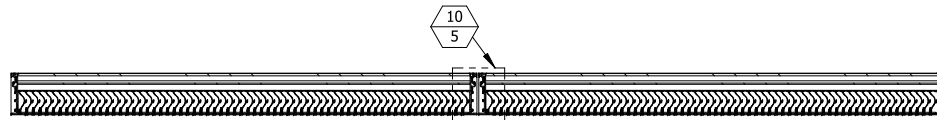


5101 Blue Mound Road
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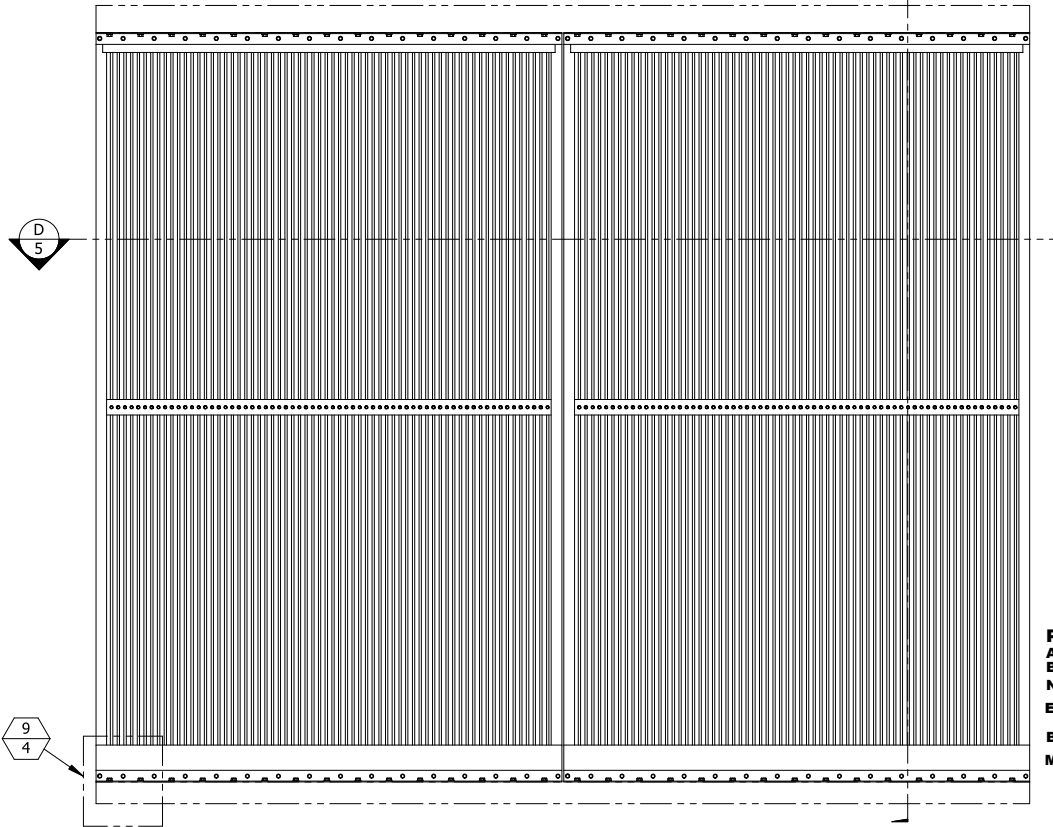
DRAWING DESCR: SINGLE-SECTION INSTALLATION			
PROJECT: EDV-545-MD			
PROJ. MGR.: BEN FORD		DRAWN BY: JMR	
DATE: 12/1/2021	CHK'D BY: BAF	DRAWING NUMBER	
SHEET: 4 of 9	SCALE: 3/4"=1'-0"	EDV-545-MD NOA	

0	INITIAL RELEASE	12/20/2021	JMR
REV.	DESCRIPTION	DATE	DRAWN BY

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HORIZONTAL SECTION D
5 MULTI-WIDE ASSEMBLY
SCALE: 3/4"=1'-0" SHEET 5



INTERIOR ELEVATION
QUANTITY OF SECTIONS WIDE IS UNLIMITED

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.

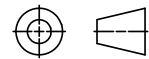
TOLERANCE UNLESS NOTED:
X.X ±0.060
X.XX ±0.030
X.XXX ±0.010
ANGLE ±1°
FRACTION ±1/16

MAX HOLE BREAKOUT:
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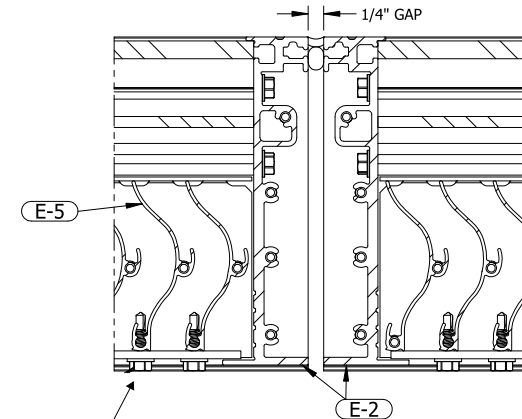
DRAWING DESCR:
MULTI-SECTION WIDE INSTALLATION

PROJECT: EDV-545-MD

PROJ. MGR.: BEN FORD	DRAWN BY: JMR
DATE: 12/1/2021	CHK'D BY: BAF
SHEET: 5 of 9	SCALE: 3/4"=1'-0"

DRAWING NUMBER
EDV-545-MD NOA

MULTI-SECTION WIDE INSTALLATION



SECTION DETAIL 10
5 VERTICAL MULLION
SCALE: 6"=1'-0" SHEET 5
QUANTITY OF SECTIONS WIDE IS UNLIMITED

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. **22-0118.04**

Approval Date **02/17/2022**

By *[Signature]*
Miami-Dade Product Control

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-1215.15**

Expiration Date: **02/17/2027**

By: *Manuel Fern*
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

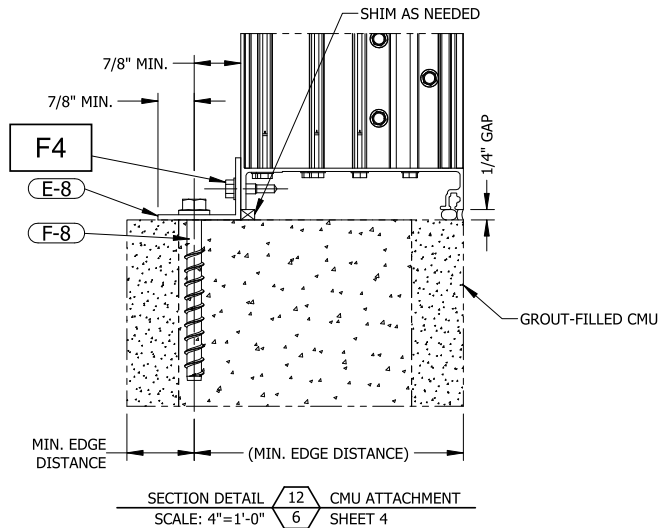
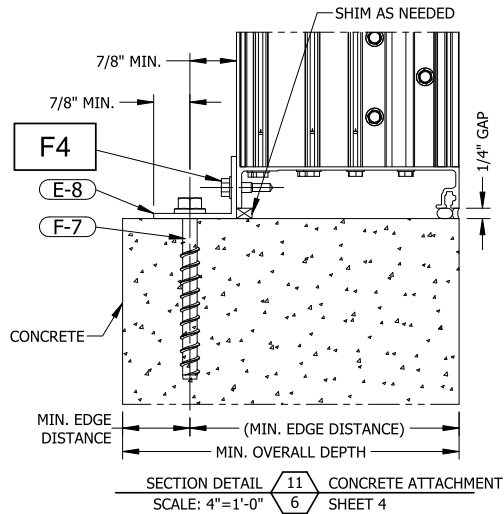
Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092

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12/23/2021
COA: 9090

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

INSTALLATION DETAILS

CONCRETE - CMU

TABLE 3 - ANCHOR SCHEDULE, CONCRETE - CMU											
SUBSTRATE				ANCHOR							
TYPE	MATERIAL MIN.	MIN. OVERALL DEPTH	THICKNESS MIN.	TYPE	MAT'L	DIA.	MAX. SECTION HEIGHT	MAX. SPACING	MIN. EDGE DISTANCE	MIN. EMBEDMENT	ANGLE HOLE MAX.
CRACKED CONCRETE (F-7)	2.5 KSI	4	5 1/2	DEWALT SCREW-BOLT+	COATED STEEL	1/4	48	8	1 1/2	2 1/2	5/16
		4 1/2	4 1/2		COATED STEEL	3/8	96	4			7/16
		4	5 1/2		GALV. STEEL	3/8	48	8			7/16
		5 1/4	8		GALV. STEEL	3/8	96	6			7/16
GROUT-FILLED CMU (F-8)	1.5 KSI	CMU BLOCK TO CONFORM TO ASTM C-90		ELCO AGGRE-GATOR	300 SS	1/4	48	12	2	2	1/4
				DEWALT SCREW-BOLT+	COATED STEEL	1/4	96	6			1/4
					COATED STEEL	3/8	48	7 1/2			5/16
					GALV. STEEL	3/8	96	3 3/4			5/16
									1 1/2	3 1/4	7/16
											7/16

NOTES:

[1] SEE FASTENER MANUFACTURERS INSTRUCTION.

[2] UNLESS FASTENERS ARE 300 SS OR GALV., SEAL FASTENERS ATTACHING TO THE SUBSTRATE WITH LIQUID PROSOCO FLASHING OR EQUAL.

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-1215.15**
Expiration Date: **02/17/2027**

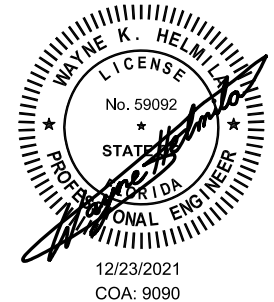
By: *Manuel J. Ponce*
Miami-Dade Product Control

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. **22-0118.04**
Approval Date **02/17/2022**

By: *Rice Engineering*
Miami-Dade Product Control

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ENGINEERING
105 School Creek Trail
Luxemburg, WI 54217
Phone: (820) 617-1042
Fax: (820) 617-1100
www.rice-inc.com
Florida Firm No: F-01000005061
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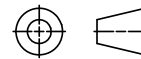
TOLERANCE UNLESS NOTED:
X.X ±0.060
X.XX ±0.030
X.XXX ±0.010
ANGLE ±1°
FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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DRAWING DESCR:

INSTALLATION DETAILS, CONCRETE - CMU

PROJECT: EDV-545-MD

PROJ. MGR.: BEN FORD

DATE: 12/1/2021

SHEET: 6 of 9

CHK'D BY: BAF

SCALE: AS NOTED

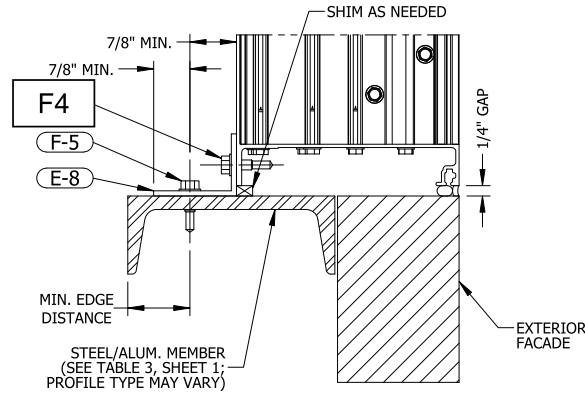
DRAWN BY: JMR

DRAWING NUMBER

EDV-545-MD NOA

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REV.	DESCRIPTION	DATE	DRAWN BY

INSTALLATION DETAILS **WOOD - STEEL/ALUM.**

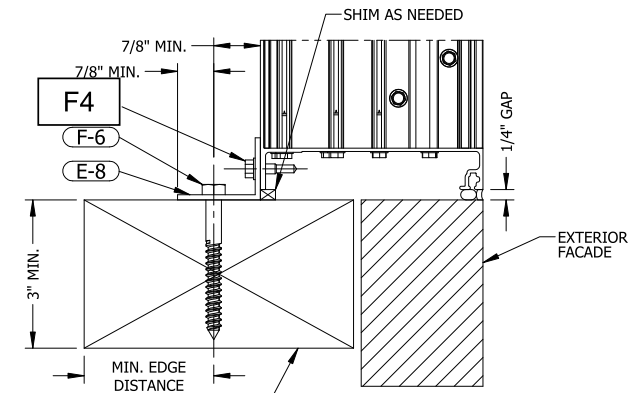


SECTION DETAIL 13 STEEL/ALUM. ATTACHMENT
SCALE: 4"=1'-0" 6 SHEET 4

TABLE 4 - ANCHOR SCHEDULE, WOOD - STEEL/ALUM.											
SUBSTRATE			ANCHOR			MAX. SECTION HEIGHT	MAX. SPACING	MIN. EDGE DISTANCE	MIN. EMBEDMENT	ANGLE HOLE MAX.	SUBSTRATE HOLE, MAX.
TYPE	MATERIAL MIN.	THICKNESS MIN.	TYPE	MAT'L	DIA.						
WOOD (F-6)	S.G. ≥ 0.42	3	LAG SCREW		1/4	48	6	1	2 7/8	1/4	
						96	5 3/4				
					3/8	48	10 1/2	1 1/2		3/8	
						96	5 3/4				
STEEL (F-5)	Fy ≥ 36 KSI, Fy ≥ 58 KSI (A36)	16 GA	1/4-14 SELF DRILLING SCREWS OR THRU BOLT W/ WASHER	2 3 4	1/4	48	8	1/2	FULL	5/16	1
ALUMINUM (F-5)	Fy ≥ 25 KSI, Fy ≥ 30 KSI (6063-T5)	1/8				96	4				
						48	11				
						96	5 1/2				

NOTES:

- 1 SEE FASTENER MANUFACTURERS INSTRUCTION.
- 2 LAG SCREWS SHALL HAVE STRENGTHS OF MINIMUM GRADE 1 STEEL, OTHER BOLT AND SCREWS SHALL HAVE STRENGTHS OF MINIMUM GRADE 2 STEEL.
- 3 ALL INSTALLATION FASTENERS AND ANCHORS SHALL BE OF CORROSION-RESISTANT STEEL.
- 4 UNLESS FASTENERS ARE 300 SS OR GALV., SEAL FASTENERS ATTACHING TO THE SUBSTRATE WITH LIQUID PROSOCO FLASHING OR EQUAL.



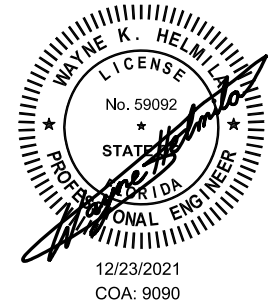
SECTION DETAIL 14 WOOD ATTACHMENT
SCALE: 4"=1'-0" 6 SHEET 4

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-1215.15**
Expiration Date: **02/17/2027**
By: *Manuel Fern*
Miami-Dade Product Control

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. **22-0118.04**
Approval Date **02/17/2022**
By: *Wayne K. Helmila*
Miami-Dade Product Control

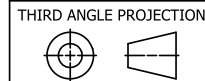
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Luxemburg, WI 54217
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Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092

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TOLERANCE UNLESS NOTED:
X.X ± 0.060
X.XX ± 0.030
X.XXX ± 0.010
ANGLE $\pm 1^\circ$
FRACTION $\pm 1/16$
MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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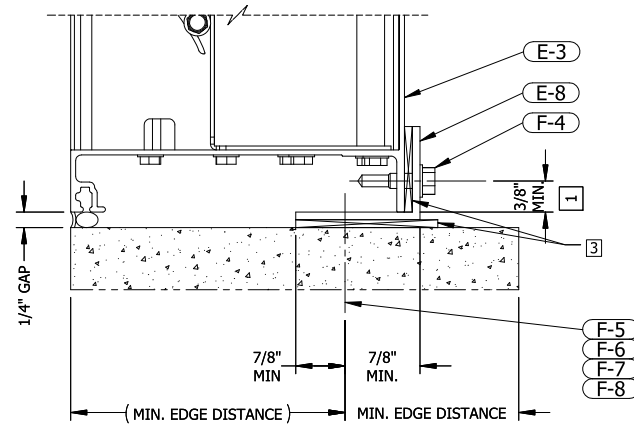
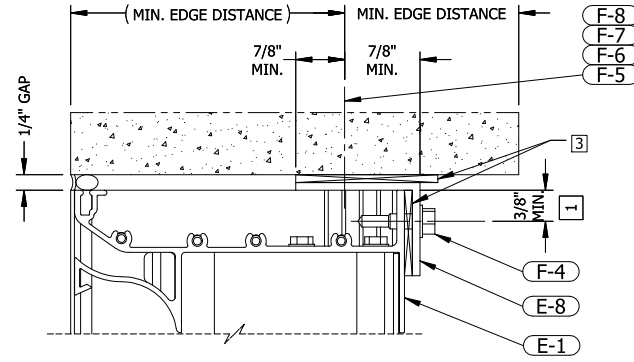
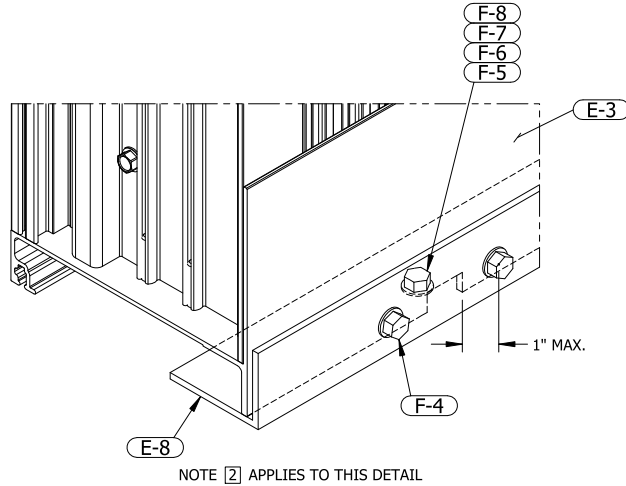
DRAWING DESCR: INSTALLATION DETAILS, WOOD - STEEL/ALUM.			
PROJECT: EDV-545-MD			
PROJ. MGR.: BEN FORD	DRAWN BY: JMR		
DATE: 12/1/2021	CHK'D BY: BAF	DRAWING NUMBER	
SHEET: 7 of 9	SCALE: AS NOTED	EDV-545-MD NOA	

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ALTERNATE INSTALL ANGLE OPTION

NOTES:

- 1 WHEN INVERTING MOUNTING ANGLES, ADD SHIMS BETWEEN MOUNTING ANGLES AND THE CONDITION AS NECESSARY, IN ORDER TO ENSURE A MINIMUM OF 3/8" SILL/HEAD EDGE DISTANCE TO F-4 FASTENER CENTERS.
- 2 IN SITUATIONS WHERE ADDITIONAL CLEARANCE IS NECESSARY IN ORDER TO CLEAR ANCHOR HEADS, MINIMAL LOCAL NOTCHES CAN BE MADE AS SHOWN. THESE NOTCHES MUST BE ACCOMPANIED BY ADDITIONAL F-4 FASTENERS ON EITHER SIDE OF THE NOTCH AS SHOWN. ADDITIONAL FASTENERS BY OTHERS.
- 3 SHIMS TO BE NON-COMPRESSIBLE, MAX. OF 1/4" THICK. SHIMS TO BE U-SHAPED, LOCATED LOCALLY AT FASTENERS.

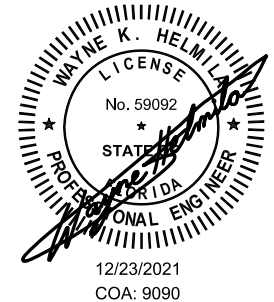


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As complying with the Florida Building Code
NOA-No. **23-1215.15**
Expiration Date: **02/17/2027**
By: *Manuel Torres*
Miami-Dade Product Control

PRODUCT APPROVED
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NOA-No. **22-0118.04**
Approval Date **02/17/2022**
By: *R. P. Torres*
Miami-Dade Product Control

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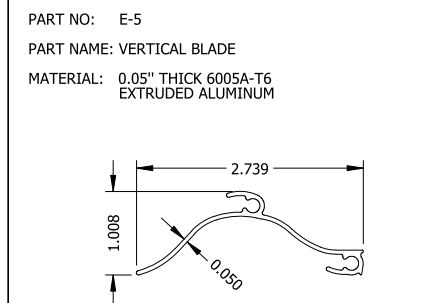
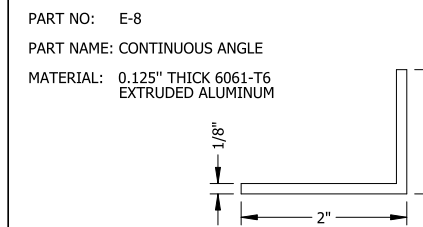
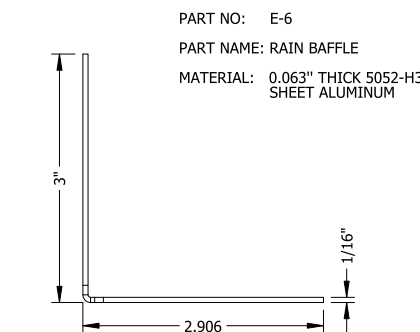
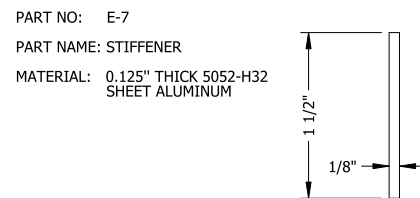
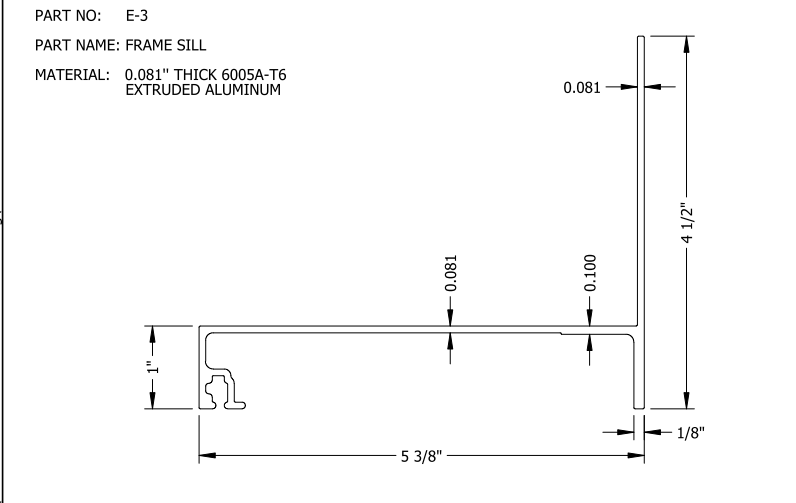
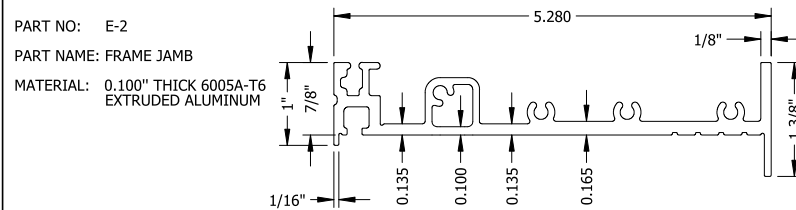
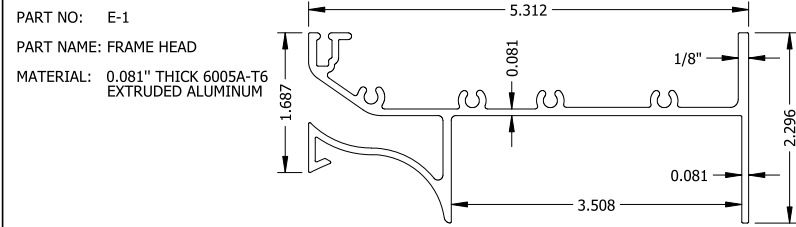
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X.XX ±0.030
X.XXX ±0.010
ANGLE ±1°
FRACTION ±1/16
MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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DRAWING DESCR:
ALTERNATE INSTALL ANGLE OPTION
PROJECT: EDV-545-MD
PROJ. MGR.: BEN FORD
DATE: 12/1/2021
CHK'D BY: BAF
SHEET: 8 of 9
SCALE: NTS
DRAWN BY: JMR
DRAWING NUMBER
EDV-545-MD NOA

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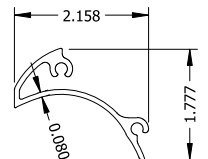
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BILL OF MATERIALS

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Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092

PART NO: E-4
PART NAME: HORIZONTAL BLADE
MATERIAL: 0.08" THICK 6005A-T6 EXTRUDED ALUMINUM



MISCELLANEOUS FASTENERS	
PART NO.	DESCRIPTION
F-1	#10-14 X 3/4" LONG, HWH, 410 SST, HI-LO THREAD SHARP POINT SCREW
F-2	#12-14 X 2" LONG, HWH, 410 SST, TEK SELF-DRILLING SCREW
F-3	#12-14 X 3/4" LONG, HWH, 410 SST, TEK SELF-DRILLING SCREW
F-4	1/4"-20 X 1" LONG, HWH, 18-8 SST, TEK SELF-DRILLING SCREW

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-1215.15**
Expiration Date: **02/17/2027**
By: *Manuel Perez*
Miami-Dade Product Control

PRODUCT APPROVED
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Building Code
NOA-No. **22-0118.04**
Approval Date: **02/17/2022**
By: *Wayne K. Helmila*
Miami-Dade Product Control

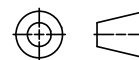
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DRAWING DESCR:
BILL OF MATERIALS

PROJECT: EDV-545-MD

PROJ. MGR.: BEN FORD

DATE: 12/1/2021

SHEET: 9 of 9

CHK'D BY: BAF

SCALE: 8" = 1'-0"

DRAWN BY: JMR

DRAWING NUMBER

EDV-545-MD NOA

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REV.	DESCRIPTION	DATE	DRAWN BY