



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 ECV- 645-MD Aluminum Louver

APPROVAL DOCUMENT: Drawing No. **ECV-645-MD NOA**, titled "ECV-645-MD", sheets 1 through 12 of 12, dated 08/27/13, with revision **9** dated 11/02/21, 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 **renews NOA No. 23-1215.11** 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 **Sifang Zhao, P.E.**

S. Z.

12/19/2024



NOA No. 24-1127.02
Expiration Date: January 22, 2030
Approval Date: December 19, 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. 14-0605.11)
2. Drawing No. **ECV-645-MD NOA**, titled "ECV-645-MD", sheets 1 through 12 of 12, dated 08/27/13, with revision **9** dated 11/02/21, prepared by the manufacturer, signed and sealed by Wayne K. Helmila, P.E.
(Submitted under NOA No. 21-1122.03)

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 Model ECV-645-MD Aluminum Louvers, prepared by Intertek, Test Report No. **J5028.01-801-18 R0**, dated 07/01/19, signed and sealed by Tyler Westerling, P.E.
(Submitted under NOA No. 19-0711.06)
2. 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 ECV-645-MD Aluminum Louvers, prepared by Architectural Testing, Inc., Test Report No. **C8134.01-801-18**, dated 02/24/14, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under NOA No. 14-0605.11)
3. Test Report on High Velocity Wind Driven Rain Resistance per AMCA 550-15 of a Model ECV-645 Aluminum Louver, prepared by Architectural Testing, Inc., Test Report No. **C3038.02-801-44**, dated 11/02/12, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under NOA No. 14-0605.11)

C. CALCULATIONS

1. ECV-545-MD NOA louver anchor calculations dated 04/26/20, prepared by Rice Engineering, signed and sealed by Wayne K. Helmila, P.E.
(Submitted under NOA No. 19-0711.06)

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 24-1127.02
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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)** and of no financial interest, dated 03/26/21, issued by Rice Engineering, signed and sealed by Wayne K. Helmila, P.E.
(Submitted under NOA No. 20-1222.06)
2. Asset Purchase Agreement entered between **PCI Industries, Inc.** a California corporation (the Seller) and **PCI Industries, LLC**, a Delaware limited liability company (the Buyer), dated 10/22/21.
(Submitted under NOA No. 21-1122.03)
3. Statement letter as an official notification from **PCI Industries, Inc.** that all assets associated with the Pottorff model ECV-645-MD aluminum louver have been legally sold to **PCI Industries, LLC**, dated 11/17/21 and signed by Nathan Woodworth, Louver Development Manager.
(Submitted under NOA No. 21-1122.03)
4. Statement letter as a request from **PCI Industries, LLC** to issue a new Notice of Acceptance (NOA) for the Pottorff model ECV-645-MD aluminum louver, dated 11/17/21 and signed by Nathan Woodworth, Louver Development Manager.
(Submitted under NOA No. 21-1122.03)

G. OTHERS

1. Notice of Acceptance No. **20-1222.06**, issued to PCI Industries, LLC d/b/a Pottorff for their Model ECV - 645-MD Aluminum Louver, approved on 04/08/21 and expiring on 01/22/25.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 24-1127.02
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER PREVIOUS NOAs AND NEW

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.
(Submitted under NOA No. 23-1215.11)

G. OTHERS

1. Notice of Acceptance No. **23-1215.11**, issued to PCI Industries, LLC d/b/a Pottorff for their Model ECV - 645-MD Aluminum Louver, approved on 02/22/2024 and expiring on 01/22/25.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 24-1127.02
Expiration Date: January 22, 2030
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NOTES:

1. THIS NOA DRAWING INCLUDES INSTALLATION DETAILS TO ATTAIN MAXIMUM DESIGN PRESSURES OF 150 PSF AS TESTED IN ACCORDANCE WITH PROTOCOLS TAS 201 (LEVEL 'E', 80 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.
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.

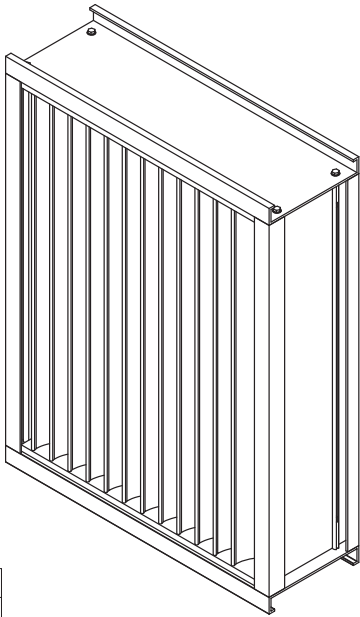
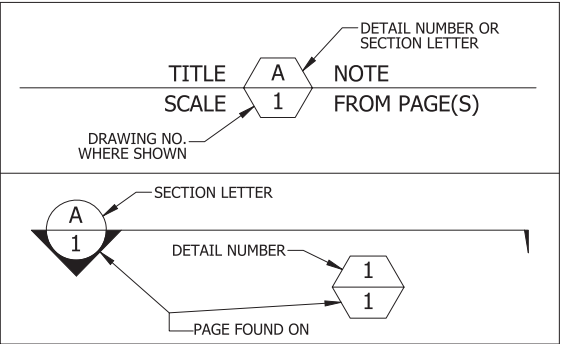
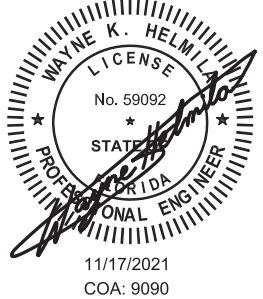


TABLE 1		
SINGLE SECTION SIZE LIMITATIONS		
MAX DESIGN PRESSURE	MIN (W X H)	MAX (W X H)
±150 PSF	12" X 12"	60" X 120"

TABLE 2	
MULTIPLE SECTION SIZE LIMITATIONS (MAX DESIGN PRESSURE: 150 PSF)	
SINGLE SECTION HIGH - UNLIMITED WIDTH	SEE SHEET 9



P.E. STAMP



PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-1127.02

Expiration Date Jan. 22, 2030

By 
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 3					
ANCHOR SCHEDULE					
SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MAX. EDGE DISTANCE	MAX. SPACING
CONCRETE (F _c ≥ 4000 PSI, WALL DEPTH ≤ 8 7/8")	3/8" X 4" HILTI KH-EZ SCREW ANCHOR (F-5)	3 1/4"	1 1/2"	2"	10"
CONCRETE (F _c ≥ 4000 PSI, WALL DEPTH > 8 7/8")	3/8" X 3 1/2" HILTI KH-EZ SCREW ANCHOR (F-6)	3 1/4"	1 7/8"	-	6"
GROUT-FILLED CMU (f _m ≥ 1500 PSI, WALL DEPTH ≤ 8 7/8")	3/8" X 4" HILTI KH-EZ SCREW ANCHOR (F-5)	3 1/4"	4"	4"	4"
GROUT-FILLED CMU (f _m ≥ 1500 PSI, WALL DEPTH > 9 5/8")	3/8" X 3 1/2" HILTI KH-EZ SCREW ANCHOR (F-6)	3 1/4"	2 5/8"	-	6"
STRUCTURAL STEEL (MIN. 3/16" THICK, F _y ≥ 36 KSI)	1/4" X 1" SELF-DRILLING SCREW (F-4)	FULL	1"	-	7"
STEEL STUD (MIN. 16 GA., F _y ≥ 50 KSI)	1/4" X 1" SELF-DRILLING SCREW (F-4)	FULL	1"	-	4"
WOOD (S.G. ≥ 0.43)	1/2" X 3 1/2" LAG BOLT WITH FLAT WASHER (F-7)	3"	2"	-	5"

UNLESS OTHERWISE SPECIFIED
DIMENSION ARE IN INCHES.

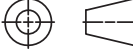
TOLERANCE UNLESS NOTED:

X.X ±0.030
X.XX ±0.015
X.XXX ±0.010
ANGLE ±1°
FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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

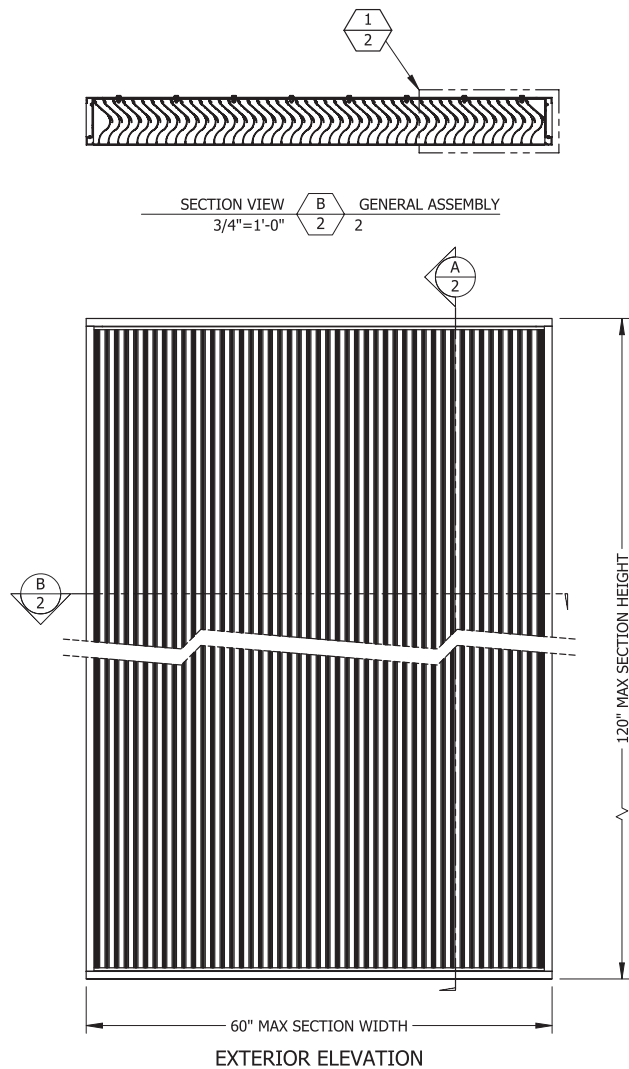
THIRD ANGLE PROJECTION



PCI INDUSTRIES DOING BUSINESS AS

POTTORFF

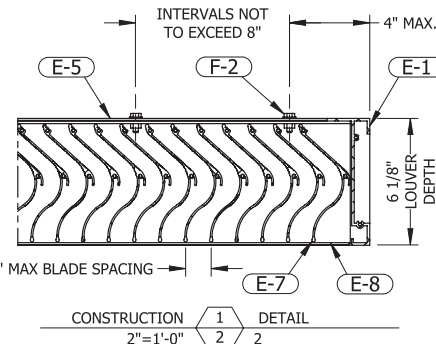
DRAWING DESCR: COVER SHEET			
PROJECT: ECV-645-MD			
LOCATION:			
CUSTOMER:			
PROJ. MGR:		DRAWN BY: LGH	
DATE: 8/27/2013	CHK'D BY: NW	ORDER NUMBER	P.O. NUMBER
SHEET: 1 of 12	SCALE: NONE	DRAWING NUMBER ECV-645-MD NOA	



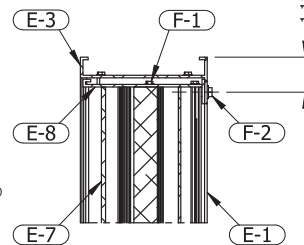
EXTERIOR ELEVATION

SECTION VIEW A-A
SCALE: 3/4"=1'-0" 2**RICE****ENGINEERING**

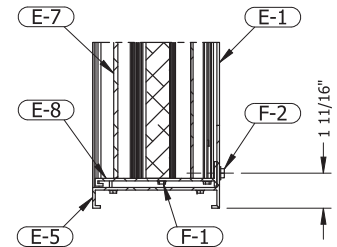
105 School Creek Trail
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Registration No: 59092



IN FLANGED CONFIGURATIONS:
E-2 WILL BE USED IN PLACE OF E-1
E-6 WILL BE USED IN PLACE OF E-5



IN FLANGED CONFIGURATIONS:
E-2 WILL BE USED IN PLACE OF E-1
E-4 WILL BE USED IN PLACE OF E-3

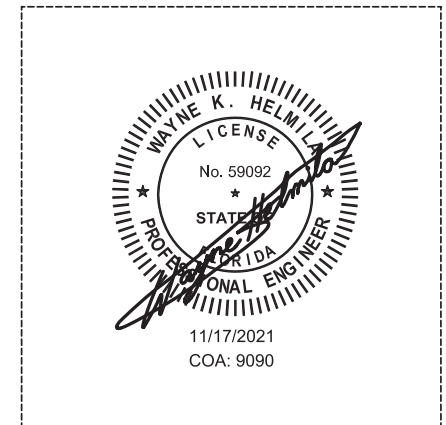
GENERAL LOUVER ASSEMBLY

IN FLANGED CONFIGURATIONS:
E-2 WILL BE USED IN PLACE OF E-1
E-6 WILL BE USED IN PLACE OF E-5

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-1127.02

Expiration Date Jan. 22, 2030

By 
Miami-Dade Product Control

P.E. STAMP

9	UPDATED LABEL DETAIL	11/2/2021	NWW
8	UPDATED FOR NOA RENEWAL	3/22/2021	NWW
7	REVISED PER MIAMI DADE COUNTY	7/30/2019	NWW
6	UPDATED FOR NOA RENEWAL & REVISION	4/23/2019	JMR / NW
5	CHANGED LOUVER MATERIAL TO 6063-T6	10/13/2014	NW
4	REVISED PER MIAMI DADE COUNTY	8/22/2014	JG
3	REVISED PER RICE MARKUPS	4/23/2014	JG
REV.	DESCRIPTION	DATE	DRAWN BY

UNLESS OTHERWISE SPECIFIED
DIMENSION ARE IN INCHES.

TOLERANCE UNLESS NOTED:
X.X ±0.030
X.XX ±0.015
X.XXX ±0.010
ANGLE ±1°
FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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

THIRD ANGLE PROJECTION



PCI INDUSTRIES DOING BUSINESS AS

POTTORFF

DRAWING DESCR: GENERAL LOUVER ASSEMBLY

PROJECT: ECV-645-MD

LOCATION:

CUSTOMER:

PROJ. MGR:

DATE: 8/27/2013

SHEET: 2 of 12

CHK'D BY: NW

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

DRAWN BY: LGH

ORDER NUMBER

P.O. NUMBER

DRAWING NUMBER

ECV-645-MD NOA

GENERAL LOUVER ASSEMBLY

PRODUCT RENEWED
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NOA-No. 24-1127.02

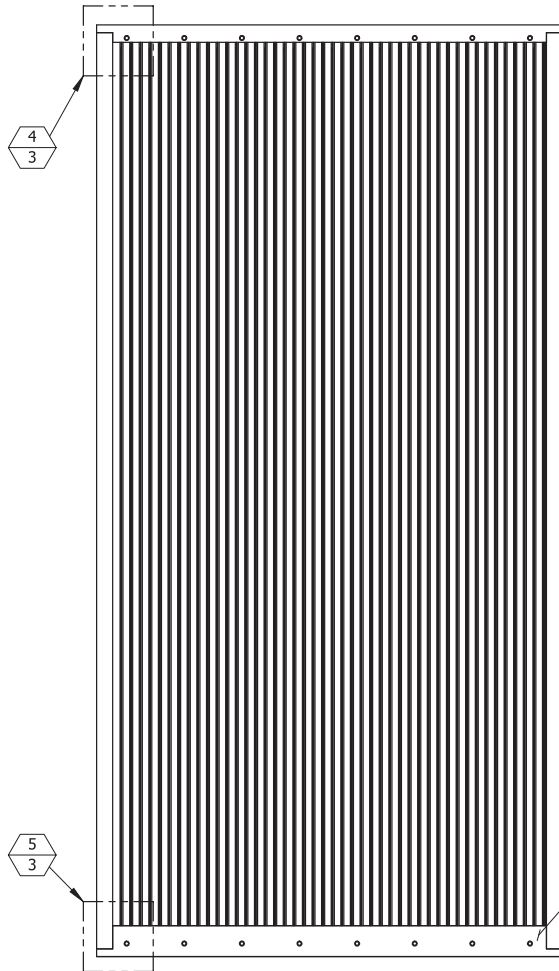
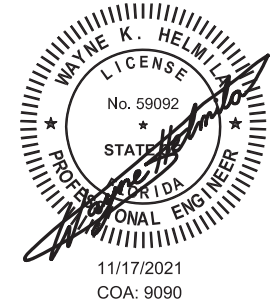
Expiration Date Jan. 22, 2030

By 
Miami-Dade Product Control

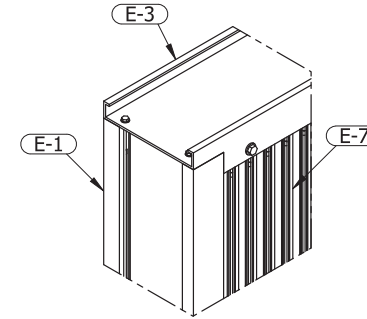
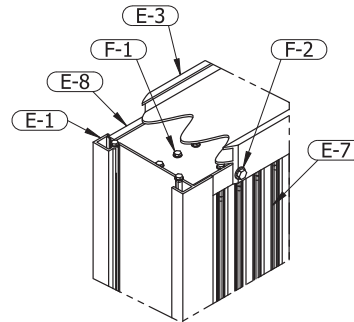
RICE
ENGINEERING

105 School Creek Trail
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P.E. STAMP



INTERIOR ELEVATION

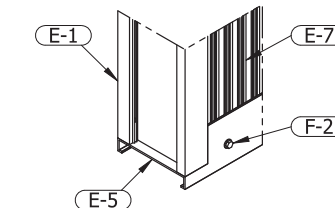


CONSTRUCTION 4/3 DETAIL 3
2" = 1'-0"

IN FLANGED CONFIGURATIONS:
E-2 WILL BE USED IN PLACE OF E-1
E-4 WILL BE USED IN PLACE OF E-3

ENGRAVED LABEL DETAIL

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



CONSTRUCTION 5/3 DETAIL 3
2" = 1'-0"

IN FLANGED CONFIGURATIONS:
E-2 WILL BE USED IN PLACE OF E-1
E-6 WILL BE USED IN PLACE OF E-5

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REV.	DESCRIPTION	DATE	DRAWN BY

UNLESS OTHERWISE SPECIFIED
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TOLERANCE UNLESS NOTED:
X.X ±0.030
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THIRD ANGLE PROJECTION



PCI INDUSTRIES DOING BUSINESS AS

POTTORFF

DRAWING DESCR: GENERAL LOUVER ASSEMBLY

PROJECT: ECV-645-MD

LOCATION:

CUSTOMER:

PROJ. MGR:

DATE: 8/27/2013

CHK'D BY: NW

DRAWN BY: LGH

ORDER NUMBER

P.O. NUMBER

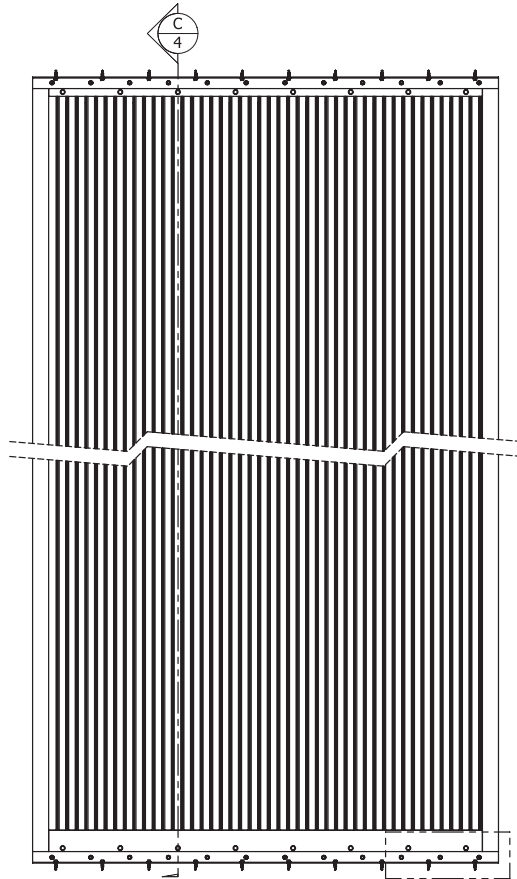
DRAWING NUMBER

SHEET: 3 of 12

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

ECV-645-MD NOA

**SINGLE SECTION WIDE X SINGLE
SECTION HIGH - STEEL CONDITION**

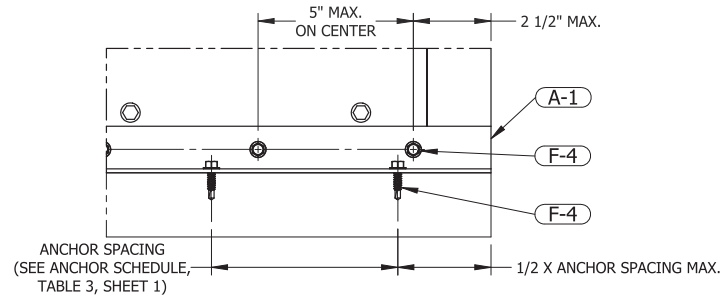


INTERIOR ELEVATION

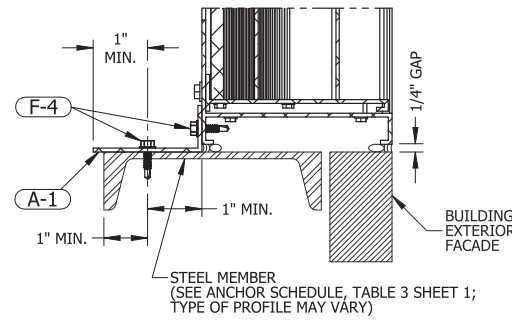
7
4



SINGLE CONDITION HIGH C
4 STEEL CONDITION
3/4"=1'-0" 6
4



TOP & BTM MOUNT DETAIL 6
4 STEEL CONDITION
3"=1'-0" 4
9

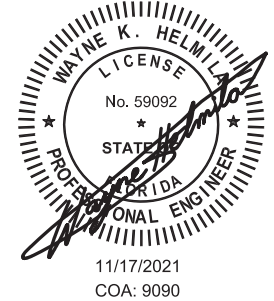


TOP & BOTTOM MOUNT DETAIL 7
4 STEEL CONDITION
3"=1'-0" 4
9

RICE
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X.XX ±0.015
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ANGLE ±1°
FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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THIRD ANGLE PROJECTION



PCI INDUSTRIES DOING BUSINESS AS

POTTORFF

DRAWING DESCR: SINGLE SECTION WIDE X SINGLE SECTION HIGH - STEEL CONDITION

PROJECT: ECV-645-MD

LOCATION:

CUSTOMER:

PROJ. MGR:

DATE: 8/27/2013

CHK'D BY: NW

DRAWN BY: LGH

ORDER NUMBER

P.O. NUMBER

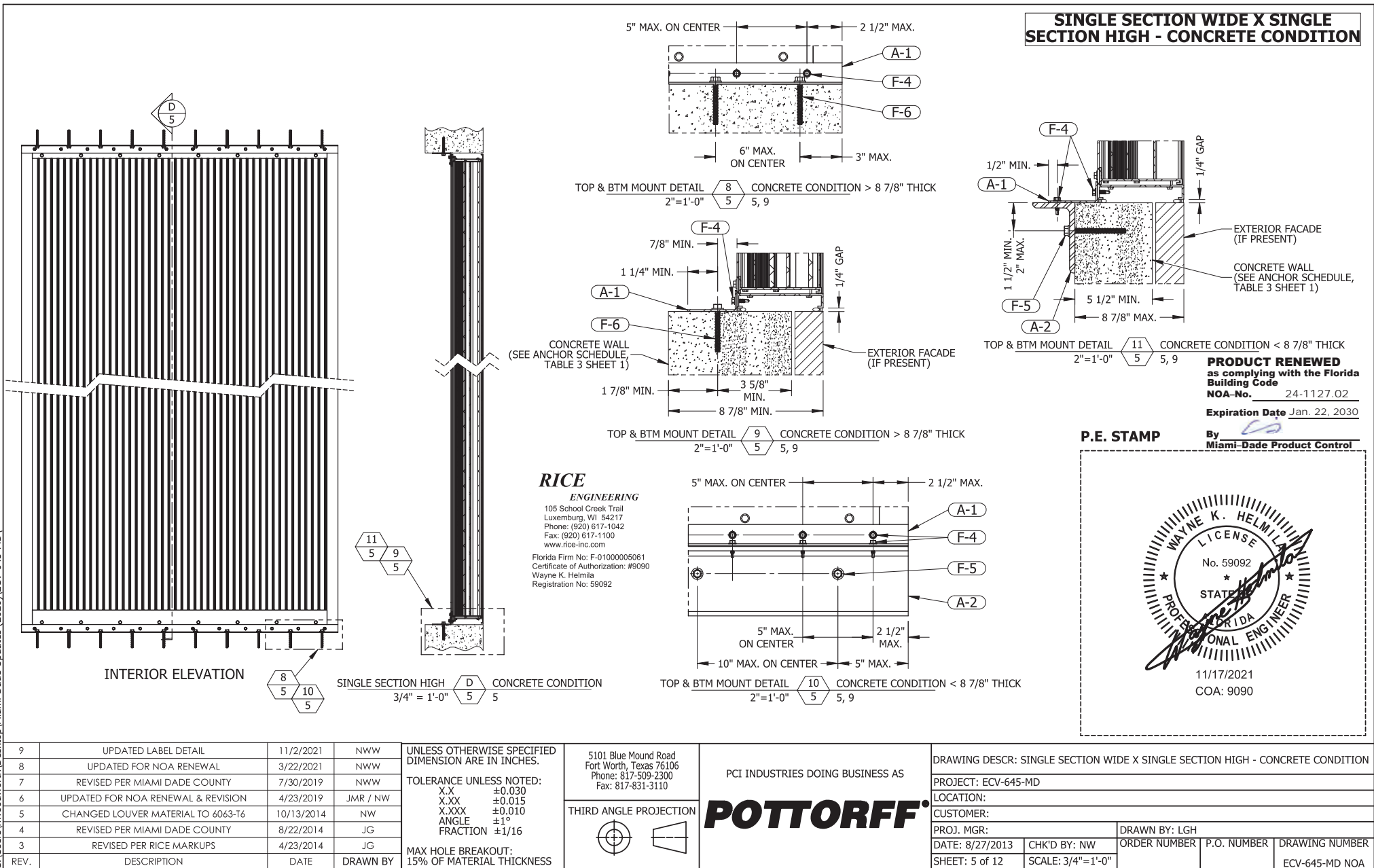
DRAWING NUMBER

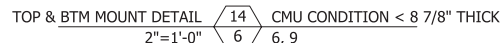
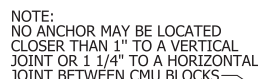
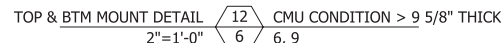
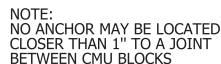
SHEET: 4 of 12

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

ECV-645-MD NOA

C:\Users\inwoodworth\Desktop\Miami-Dade Updates (2020)\ECV-645-MD\





PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-1127.02

Expiration Date Jan. 22, 2030


By
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

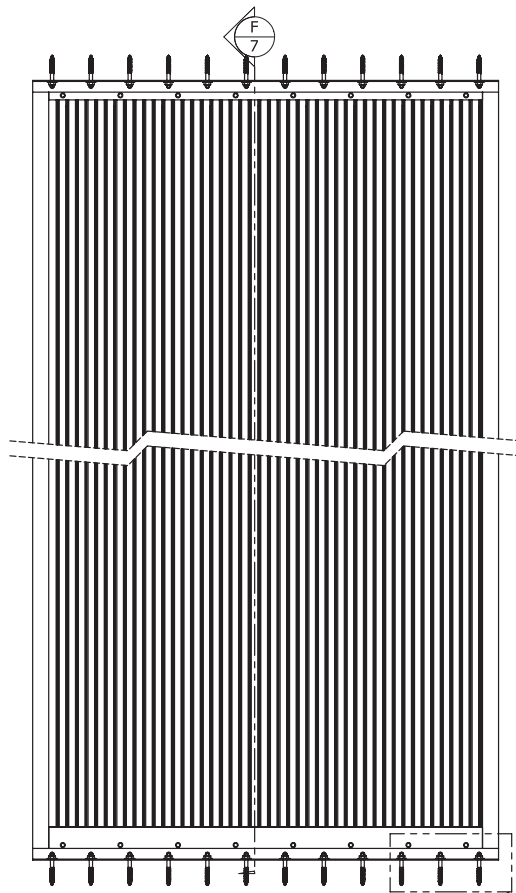
Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092



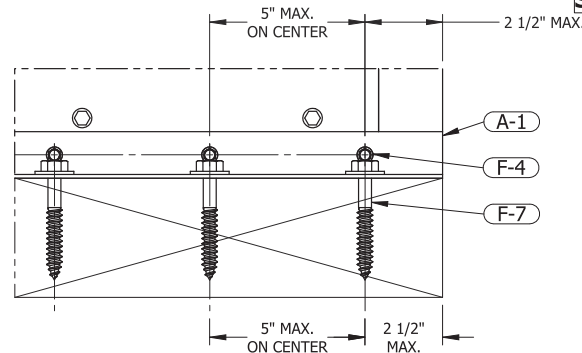
11/17/2021
COA: 9090

9	UPDATED LABEL DETAIL	11/2/2021	NWW	UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN INCHES. TOLERANCE UNLESS NOTED: X.X ±0.030 X.XX ±0.015 X.XXX ±0.010 ANGLE ±1° FRACTION ±1/16 MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS	5101 Blue Mound Road Fort Worth, Texas 76106 Phone: 817-509-2300 Fax: 817-831-3110 THIRD ANGLE PROJECTION 	PCI INDUSTRIES DOING BUSINESS AS POTTORFF	DRAWING DESCR: SINGLE SECTION WIDE X SINGLE SECTION HIGH - CMU CONDITION			
8	UPDATED FOR NOA RENEWAL	3/22/2021	NWW				PROJECT: ECV-645-MD			
7	REVISED PER MIAMI DADE COUNTY	7/30/2019	NWW				LOCATION:			
6	UPDATED FOR NOA RENEWAL & REVISION	4/23/2019	JMR / NW				CUSTOMER:			
5	CHANGED LOUVER MATERIAL TO 6063-T6	10/13/2014	NW				PROJ. MGR:	DRAWN BY: LGH		
4	REVISED PER MIAMI DADE COUNTY	8/22/2014	JG				DATE: 8/27/2013	CHK'D BY: NW	ORDER NUMBER	P.O. NUMBER
3	REVISED PER RICE MARKUPS	4/23/2014	JG	SHEET: 6 of 12	SCALE: 3/4"=1'-0"	ECV-645-MD NOA				
REV.	DESCRIPTION	DATE	DRAWN BY							

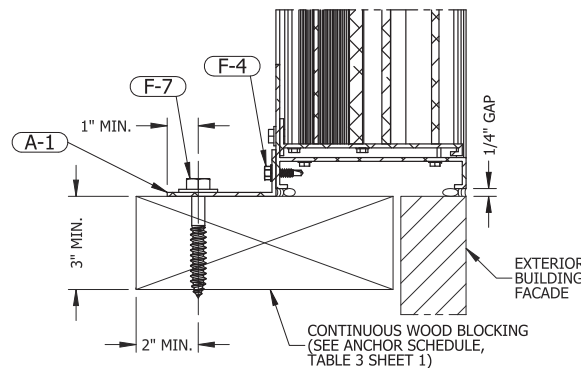
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INTERIOR ELEVATION



TOP & BTM MOUNT DETAIL 16 7 WOOD CONDITION 3"=1'-0" 7, 9



TOP & BTM MOUNT DETAIL 17 7 WOOD CONDITION 3"=1'-0" 7, 9

SINGLE SECTION WIDE X SINGLE SECTION HIGH - WOOD CONDITION

PRODUCT RENEWED
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Building Code
NOA-No. 24-1127.02

Expiration Date Jan. 22, 2030

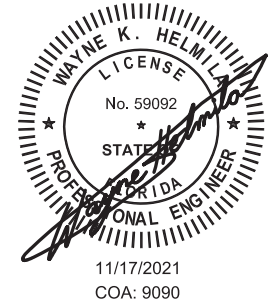
By 
Miami-Dade Product Control
RICE

ENGINEERING

105 School Creek Trail
Luxemburg, WI 54217
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P.E. STAMP



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3	REVISED PER RICE MARKUPS	4/23/2014	JG
REV.	DESCRIPTION	DATE	DRAWN BY

UNLESS OTHERWISE SPECIFIED
DIMENSION ARE IN INCHES.

TOLERANCE UNLESS NOTED:
X.X ±0.030
X.XX ±0.015
X.XXX ±0.010
ANGLE ±1°
FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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

THIRD ANGLE PROJECTION

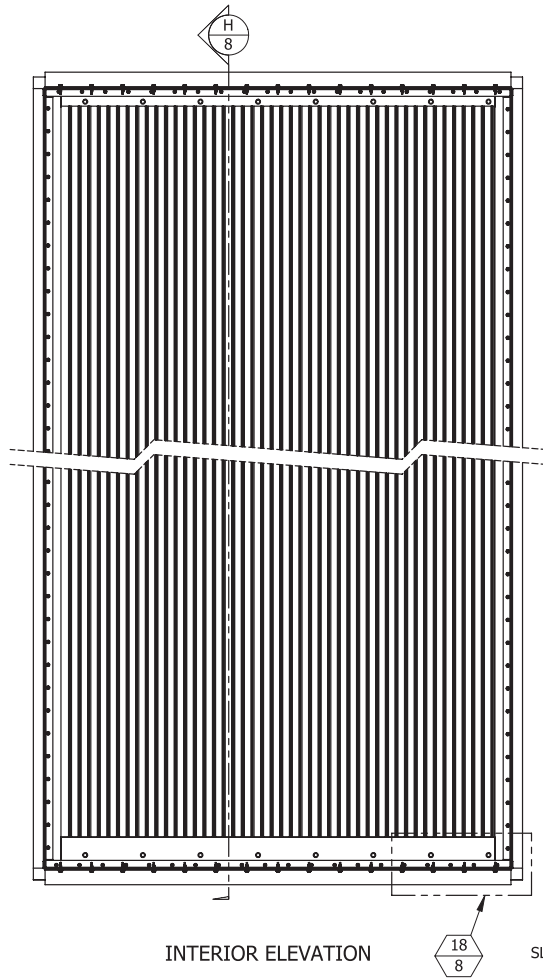


PCI INDUSTRIES DOING BUSINESS AS

POTTORFF

DRAWING DESCR: SINGLE SECTION WIDE X SINGLE SECTION HIGH - WOOD CONDITION			
PROJECT: ECV-645-MD			
LOCATION:			
CUSTOMER:			
PROJ. MGR:		DRAWN BY: LGH	
DATE: 8/27/2013	CHK'D BY: NW	ORDER NUMBER	P.O. NUMBER
SHEET: 7 of 12	SCALE: 3/4"=1'-0"	DRAWING NUMBER ECV-645-MD NOA	

C:\Users\Inwoodworth\Desktop\Miami-Dade Updates (2020)\ECV-645-MD\

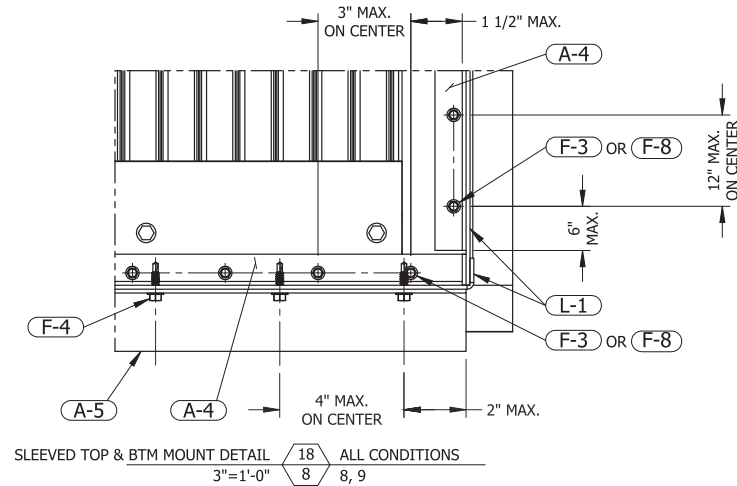
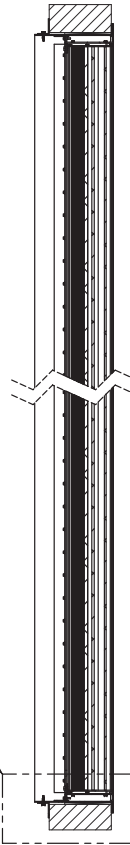


INTERIOR ELEVATION

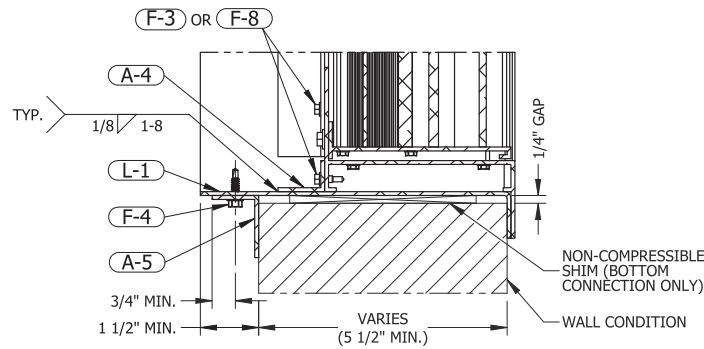
18/8

SLEEVED SINGLE SECTION HIGH
3/4" = 1'-0" 18/8 ALL CONDITIONS

19/8



SLEEVED TOP & BTM MOUNT DETAIL 18/8 ALL CONDITIONS
3\"/>



SLEEVED TOP & BTM MOUNT DETAIL 19/8 ALL CONDITIONS
3\"/>

SINGLE SECTION WIDE X SINGLE SECTION HIGH SLEEVED ASSEMBLY - ALL CONDITIONS

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-1127.02

Expiration Date Jan. 22, 2030

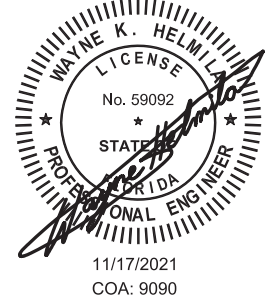
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X.XXX	±0.010
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FRACTION	±1/16

MAX HOLE BREAKOUT:
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Fort Worth, Texas 76106
Phone: 817-509-2300
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THIRD ANGLE PROJECTION

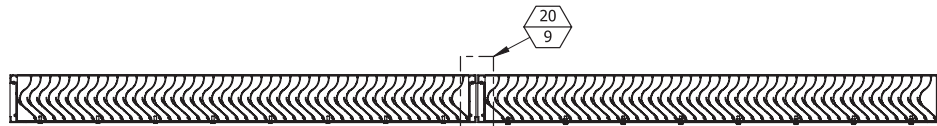


PCI INDUSTRIES DOING BUSINESS AS

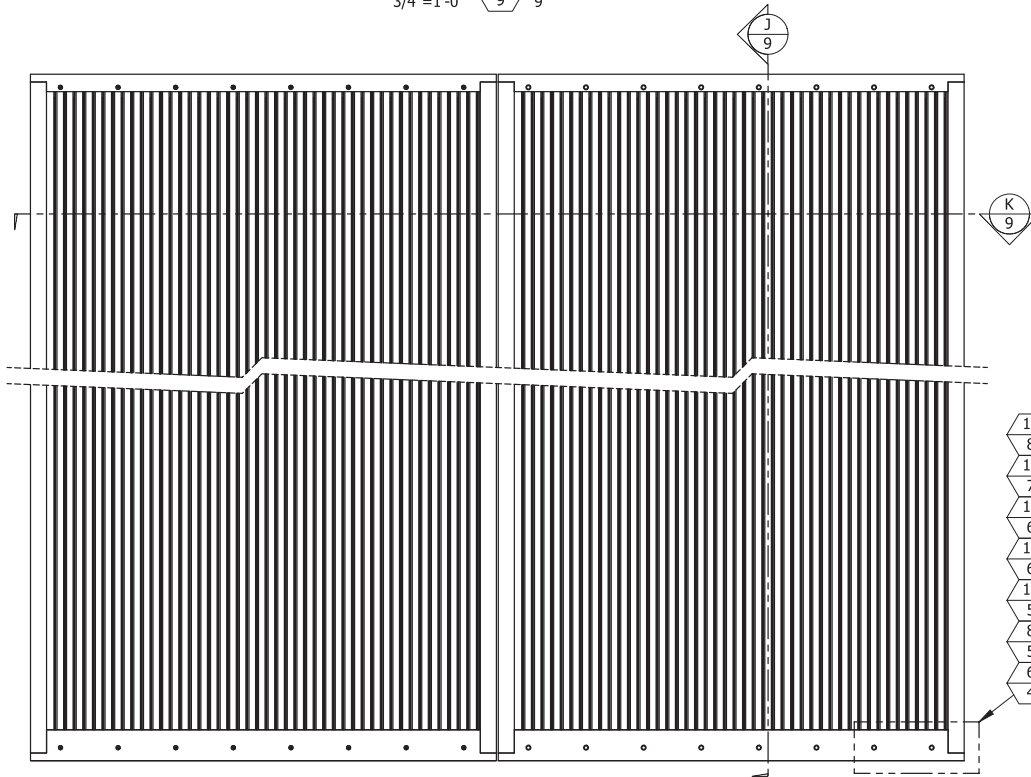
POTTORFF

DRAWING DESCR: SINGLE SECTION WIDE X SINGLE SECTION HIGH - SLEEVED ASSY. - ALL				
PROJECT: ECV-645-MD				
LOCATION:				
CUSTOMER:				
PROJ. MGR:		DRAWN BY: LGH		
DATE: 8/27/2013	CHK'D BY: NW	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER
SHEET: 8 of 12	SCALE: 3/4"=1'-0"			ECV-645-MD NOA

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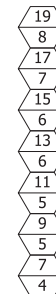
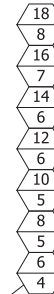
MULTI-SECTION WIDE $\frac{20}{9}$ ALL CONDITIONS
3/4"=1'-0"



INTERIOR ELEVATION
QUANTITY SECTIONS WIDE IS UNLIMITED

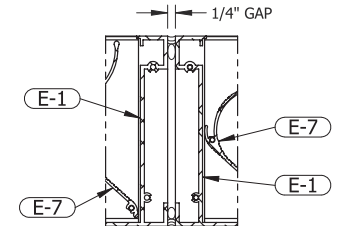
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Wayne K. Helmila
Registration No: 59092



MULTI-SECTION WIDE $\frac{J}{9}$ ALL CONDITIONS
3/4"=1'-0"

**MULTI-SECTION WIDE X SINGLE
SECTION HIGH - ALL CONDITIONS**



MULTI-SECTION WIDE $\frac{20}{9}$ VERTICAL MULLION
3"=1'-0"

QUANTITY SECTIONS WIDE IS UNLIMITED

PRODUCT RENEWED
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NOA-No. 24-1127.02

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P.E. STAMP

By
Miami-Dade Product Control



11/17/2021
COA: 9090

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Fax: 817-831-3110

THIRD ANGLE PROJECTION



PCI INDUSTRIES DOING BUSINESS AS

POTTORFF

DRAWING DESCR: MULTI-SECTION WIDE X SINGLE SECTION HIGH - ALL CONDITIONS

PROJECT: ECV-645-MD

LOCATION:

CUSTOMER:

PROJ. MGR:

DATE: 8/27/2013

CHK'D BY: NW

DRAWN BY: LGH

ORDER NUMBER

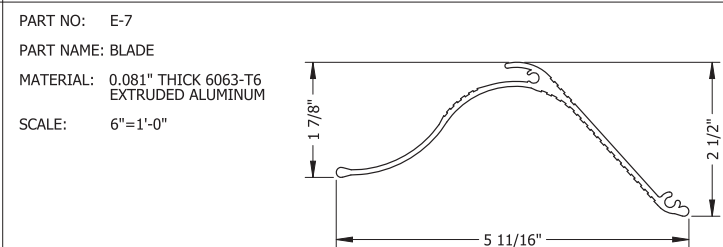
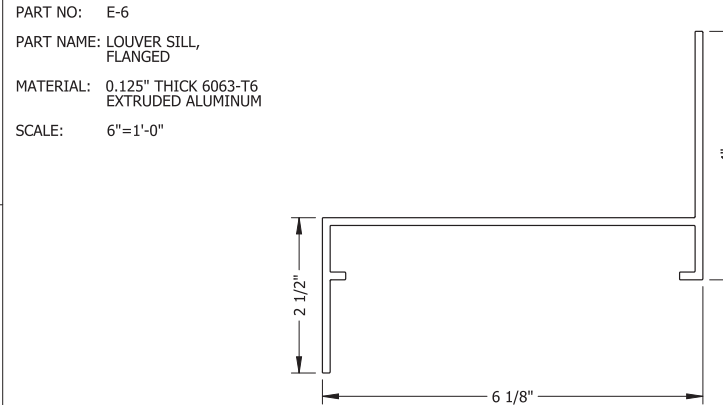
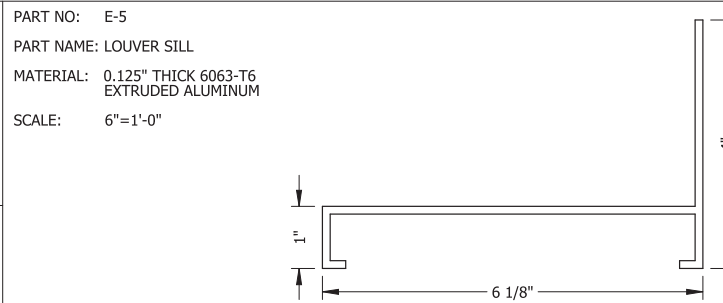
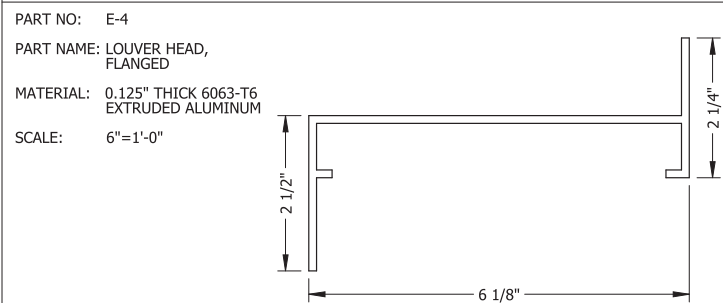
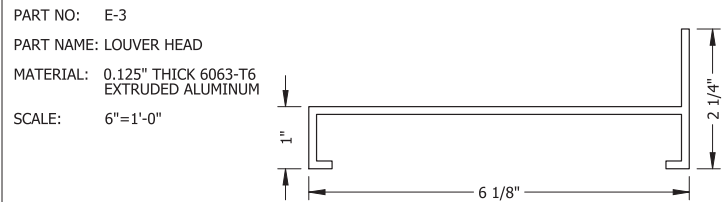
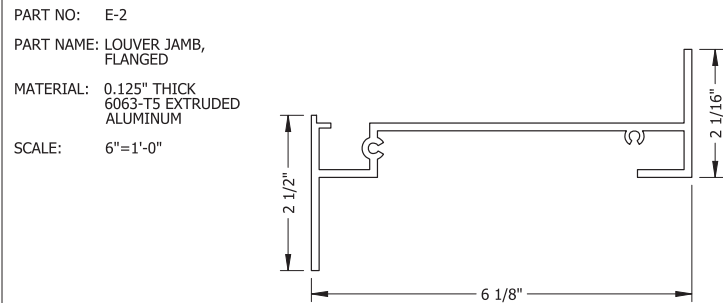
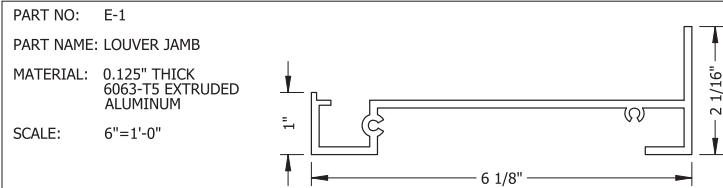
P.O. NUMBER

DRAWING NUMBER

SHEET: 9 of 12

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

ECV-645-MD NOA



BILL OF MATERIALS

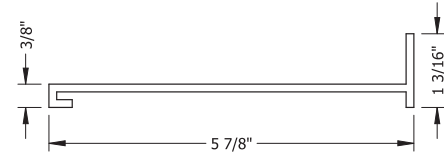
PRODUCT RENEWED
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Building Code
NOA-No. 24-1127.02

Expiration Date Jan. 22, 2030

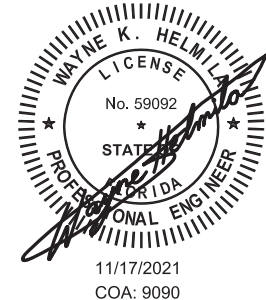
By 
Miami-Dade Product Control

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

PART NO: E-8
PART NAME: LOUVER SUBFRAME
MATERIAL: 0.125" THICK 6063-T6 EXTRUDED ALUMINUM
SCALE: 6"=1'-0"



P.E. STAMP



9	UPDATED LABEL DETAIL	11/2/2021	NWW
8	UPDATED FOR NOA RENEWAL	3/22/2021	NWW
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REV.	DESCRIPTION	DATE	DRAWN BY

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TOLERANCE UNLESS NOTED:
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X.XX ±0.015
X.XXX ±0.010
ANGLE ±1°
FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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

THIRD ANGLE PROJECTION



PCI INDUSTRIES DOING BUSINESS AS

POTTORFF

DRAWING DESCR: BILL OF MATERIALS

PROJECT: ECV-645-MD

LOCATION:

CUSTOMER:

PROJ. MGR:

DATE: 8/27/2013

SHEET: 10 of 12

CHK'D BY: NW

SCALE: AS NOTED

DRAWN BY: LGH

ORDER NUMBER

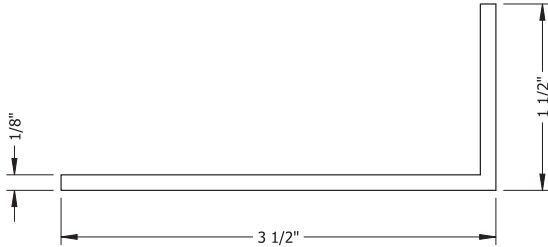
P.O. NUMBER

DRAWING NUMBER

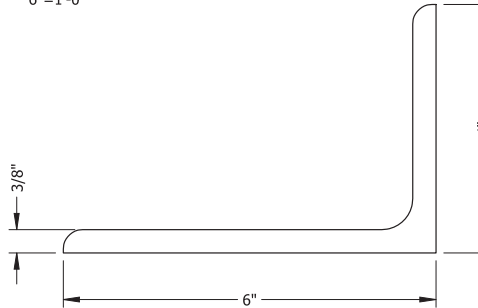
ECV-645-MD NOA

BILL OF MATERIALS

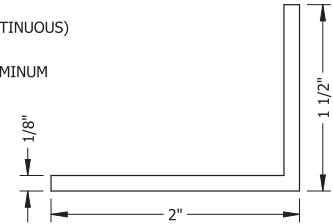
PART NO: A-1
PART NAME: CONTINUOUS ANGLE
MATERIAL: 3 1/2" X 1 1/2" X 1/8" THK.
6063-T6 EXTRUDED ALUMINUM
SCALE: FULL



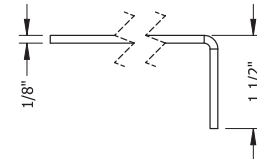
PART NO: A-3
PART NAME: SHELF ANGLE, CMU (CONTINUOUS)
MATERIAL: 6" X 4" X 3/8" THK.
6061-T6 EXTRUDED ALUMINUM
SCALE: 6"=1'-0"



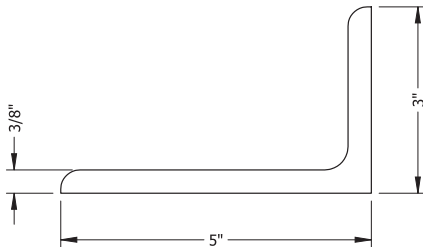
PART NO: A-5
PART NAME: RETAINING ANGLE (CONTINUOUS)
MATERIAL: 2" X 1 1/2" X 1/8" THK.
6061-T6 EXTRUDED ALUMINUM
SCALE: FULL



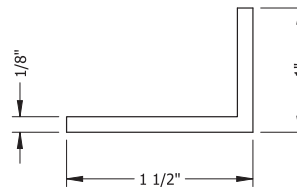
PART NO: L-1
PART NAME: SLEEVE
MATERIAL: 1/8" THK. 5052-H32 SHEET ALUMINUM
SCALE: 6"=1'-0"



PART NO: A-2
PART NAME: SHELF ANGLE, CONCRETE (CONTINUOUS)
MATERIAL: 5" X 3" X 3/8" THK.
6061-T6 EXTRUDED ALUMINUM
SCALE: 6"=1'-0"



PART NO: A-4
PART NAME: SLEEVE ATTACHMENT ANGLE (CONTINUOUS)
MATERIAL: 1 1/2" X 1" X 1/8" THK.
6063-T5 EXTRUDED ALUMINUM
SCALE: FULL



P.E. STAMP

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-1127.02

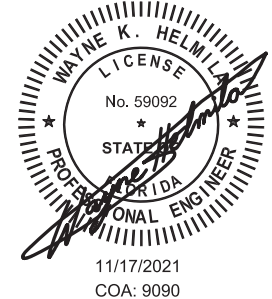
Expiration Date Jan. 22, 2030

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FRACTION ±1/16

MAX HOLE BREAKOUT:
15% OF MATERIAL THICKNESS

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Fax: 817-831-3110

THIRD ANGLE PROJECTION



PCI INDUSTRIES DOING BUSINESS AS

POTTORFF

DRAWING DESCR: BILL OF MATERIALS

PROJECT: ECV-645-MD

LOCATION:

CUSTOMER:

PROJ. MGR:

DATE: 8/27/2013

SHEET: 11 of 12

DRAWN BY: LGH

CHK'D BY: NW

SCALE: AS NOTED

ORDER NUMBER

P.O. NUMBER

DRAWING NUMBER

ECV-645-MD NOA

BILL OF MATERIALS

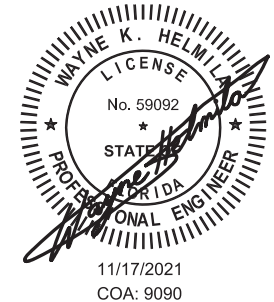
MISCELLANEOUS FASTENERS	
PART NO	DESCRIPTION
F-1	#10-16 X 2" LONG, HWH, 410 SST, SELF-DRILLING SCREW
F-2	1/4-20 X 3/4" LONG HEX BOLT WITH LOCKNUT AND FLAT WASHER, 18-8 SST
F-3	#12-14 X 3/4" LONG, HWH, SELF-DRILLING SCREW, 300-SERIES SST
F-4	1/4-14 X 1" LONG, HWH, SELF-DRILLING SCREW, 300-SERIES SST
F-5	3/8" X 4" HILTI KH-EZ SCREW ANCHOR, 316 SST
F-6	3/8" X 3 1/2" HILTI KH-EZ SCREW ANCHOR, 316 SST
F-7	1/2" X 3 1/2" LONG HEX LAG BOLT AND FLAT WASHER, 300-SERIES SST
F-8	#12-14 X 3/4" LONG, HWH, SELF-DRILLING SCREW, ULTRA-CORROSION-RESISTANT COATED STEEL (ELCO DRIL-FLEX)

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-1127.02



Expiration Date Jan. 22, 2030

By 
Miami-Dade Product Control

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P.E. STAMP

NOTE: ALL INSTALLATION FASTENERS AND ANCHORS SHOULD BE OF CORROSION-RESISTANT STEEL (300-SERIES STAINLESS OR HOT-DIP GALVANIZED)

9	UPDATED LABEL DETAIL	11/2/2021	NWW	UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN INCHES. TOLERANCE UNLESS NOTED: X.X ±0.030 X.XX ±0.015 X.XXX ±0.010 ANGLE ±1° FRACTION ±1/16 MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS	5101 Blue Mound Road Fort Worth, Texas 76106 Phone: 817-509-2300 Fax: 817-831-3110 THIRD ANGLE PROJECTION 	PCI INDUSTRIES DOING BUSINESS AS POTTORFF	DRAWING DESCR: BILL OF MATERIALS													
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7	REVISED PER MIAMI DADE COUNTY	7/30/2019	NWW				LOCATION:													
6	UPDATED FOR NOA RENEWAL & REVISION	4/23/2019	JMR / NW				CUSTOMER:													
5	CHANGED LOUVER MATERIAL TO 6063-T6	10/13/2014	NW				PROJ. MGR:													
4	REVISED PER MIAMI DADE COUNTY	8/22/2014	JG	MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS		POTTORFF	DATE: 8/27/2013		CHK'D BY: NW		DRAWN BY: LGH									
3	REVISED PER RICE MARKUPS	4/23/2014	JG				SHEET: 12 of 12		SCALE: AS NOTED		ORDER NUMBER									
REV.	DESCRIPTION	DATE	DRAWN BY								P.O. NUMBER									
												DRAWING NUMBER								
												ECV-645-MD NOA								