

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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

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

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model DC-5704 Aluminum Louver

APPROVAL DOCUMENT: Drawing No. **RD-1075**, titled "DC-5704 Layout Drawings", sheets 1 through 7 of 7, dated 10/02/2008, with revision dated 01/07/2022, prepared by Construction Specialty, Inc., signed and sealed by Wayne K. Helmila, P.E. on 02/11/2022, bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Del Rio, TX, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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 and revises NOA # 20-1222.10** and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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

MIAMIDADE COUNTY
APPROVED

NOA No. 23-1122.06
Expiration Date: June 3, 2025
Approval Date: January 18, 2024

Page 1

- 1. Evidence submitted under previous NOAs
- A. DRAWINGS "Submitted under NOA # 14-0311.06"
 - 1. Drawing No. **RD-1075**, titled "DC-5704 Layout Drawings", sheets 1 through 7 of 7, dated 10/02/2008, with revision dated 03/26/2013, prepared by Construction Specialty, Inc., signed and sealed by L. David Rice, P.E.
- B. TESTS "Submitted under NOA # 09-0310.06"
 - 1. Test report on Uniform Static Air Pressure Test per FBC, TAS 202-94, Large Missile Impact Test per FBC, TAS 201-94 and Cyclic Wind Pressure Loading per FBC, TAS 203-94 of four Series/Model DC 5704 Aluminum Louver Assemblies, prepared by Architectural Testing, Inc., Test Report No. 88285.01-109-18, dated 02/25/2009, signed and sealed by Michael D. Stremmel, P.E.
- C. CALCULATIONS "Submitted under NOA # 12-1231.02"
 - 1. Frame bending, stress and deflection calculations, prepared by Rice Engineering, dated 12/13/2012, signed and sealed by L. David Rice, P.E.
 - "Submitted under NOA # 09-0310.06"
 - 2. Anchoring, stress and deflection calculations, prepared by Rice Engineering, dated 02/26/2009, signed and sealed by L. David Rice, P.E.
- D. QUALITY ASSURANCE
 - 1. Miami-Dade Department of Regulatory and Economic Resources (RER)
- E. MATERIAL CERTIFICATIONS
 - 1. None.
- F. STATEMENTS "Submitted under NOA # 14-1021.13"
 - 1. Statement letter of code conformance to 5th edition (2014) FBC issued by Rice Engineering, dated 09/26/2014, signed and sealed by L. David Rice, P.E.
 - "Submitted under NOA # 14-0311.06"
 - 2. Statement letter of code conformance to 2010 FBC issued by Rice Engineering, dated 02/26/2014, signed and sealed by L. David Rice, P.E.
 - "Submitted under NOA # 09-0310.06"
 - **3.** Letter of no financial interest issued by Rice Engineering, dated 02/26/2009, signed and sealed by L. David Rice, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-1122.06
Expiration Date: June 3, 2025
Approval Date: January 18, 2024

2. Evidence submitted under NOA # 18-0117.08

A. DRAWINGS

1. Drawing No. **RD-1075**, titled "DC-5704 Layout Drawings", sheets 1 through 7 of 7, dated 10/02/2008, with revision 2 dated 11/21/2017, prepared by Construction Specialty, Inc., signed and sealed by Wayne K. Helmila, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchoring calculations prepared by Rice Engineering, dated 03/07/2018, 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 to 6th edition (2017) FBC issued by Rice Engineering, dated 11/29/2017, signed and sealed by Wayne K. Helmila, P.E.
- 2. Letter of no financial interest issued by Rice Engineering, dated 01/20/2018, signed and sealed by Wayne K. Helmila, P.E.

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Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-1122.06
Expiration Date: June 3, 2025
Approval Date: January 18, 2024

3. Evidence submitted under NOA # 19-0305.01

A. DRAWINGS

1. Drawing No. **RD-1075**, titled "DC-5704 Layout Drawings", sheets 1 through 7 of 7, dated 10/02/2008, with revision 3 dated 02/01/2019, prepared by Construction Specialty, Inc., signed and sealed by Wayne K. Helmila, P.E. on 02/19/2019.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchoring calculations prepared by Rice Engineering, dated 03/07/2018, 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

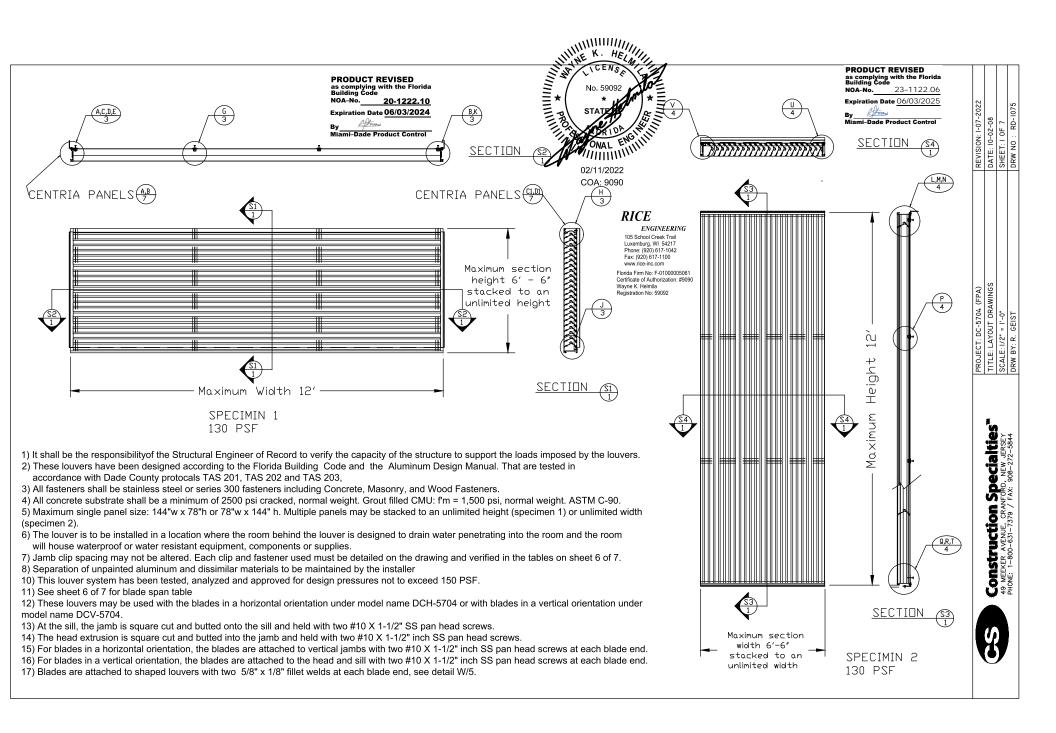
- 1. Statement letter of code conformance to 6th edition (2017) FBC issued by Rice Engineering, dated 02/19/2019, signed and sealed by Wayne K. Helmila, P.E.
- **2.** Letter of no financial interest issued by Rice Engineering, dated 02/19/2019, signed and sealed by Wayne K. Helmila, P.E.

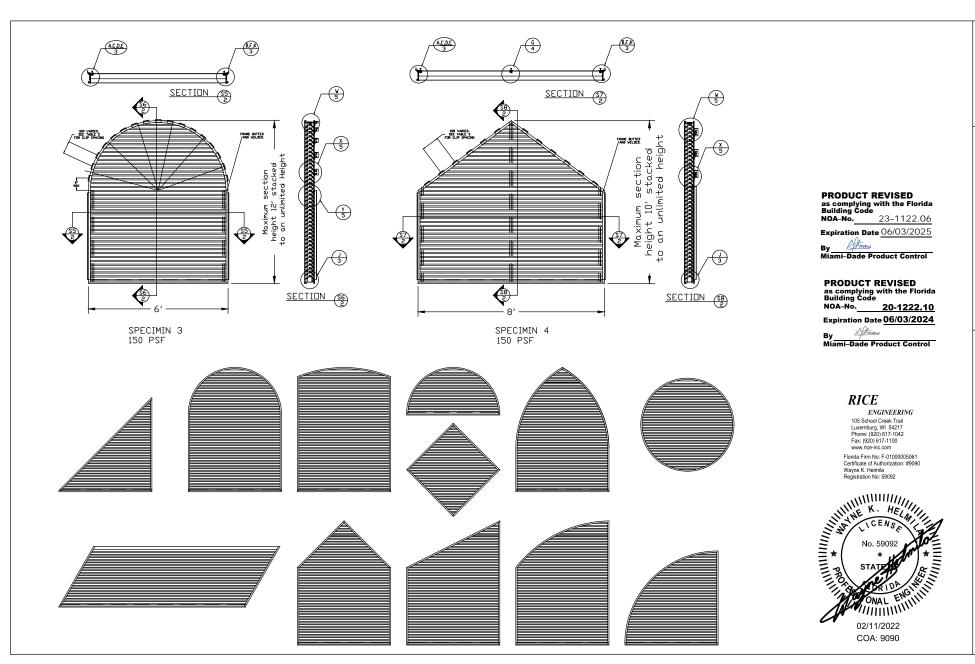
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-1122.06
Expiration Date: June 3, 2025

Approval Date: January 18, 2024

- 4. Evidence submitted under NOA # 20-1222.10 and new
- A. DRAWINGS "Submitted under NOA # 20-1222.10"
 - Drawing No. **RD-1075**, titled "DC-5704 Layout Drawings", sheets 1 through 7 of 7, dated 10/02/2008, with revision dated 01/07/2022, prepared by Construction Specialty, Inc., signed and sealed by Wayne K. Helmila, P.E. on 02/11/2022.
- B. TESTS
 - 1. None.
- C. CALCULATIONS "Submitted under NOA # 20-1222.10"
 - 1. Anchoring calculations prepared by Rice Engineering, dated 01/04/2022, 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 to 8th edition (2023) of the FBC, issued by Rice Engineering, dated 12/03/2023, signed and sealed by Wayne K. Helmila, P.E.
 - 2. Verification testing letter, issued by Intertek, dated 11/20/2023, signed by Timothy J. McGill, Senior Project Engineer.
 - "Submitted under NOA # 20-1222.10"
 - 1. Statement letter of code conformance to 7th edition (2020) of the FBC, issued by Rice Engineering, dated 11/11/2020, signed and sealed by Wayne K. Helmila, P.E.
 - 2. Statement letter of no financial interest issued by Rice Engineering, dated 11/11/2020, signed and sealed by Wayne K. Helmila, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-1122.06
Expiration Date: June 3, 2025
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 PROJECT: DC-5704, (FPA)
 REVISION: 1-07-2022

 TITLE: LAYOUT DRAWINGS
 DATE: 10-02-08

 SCALE: 3/8" = 1"-0"
 SHEET: 2 OF 7

 DRW BY: R. GEIST
 DRW NO : RD-1075

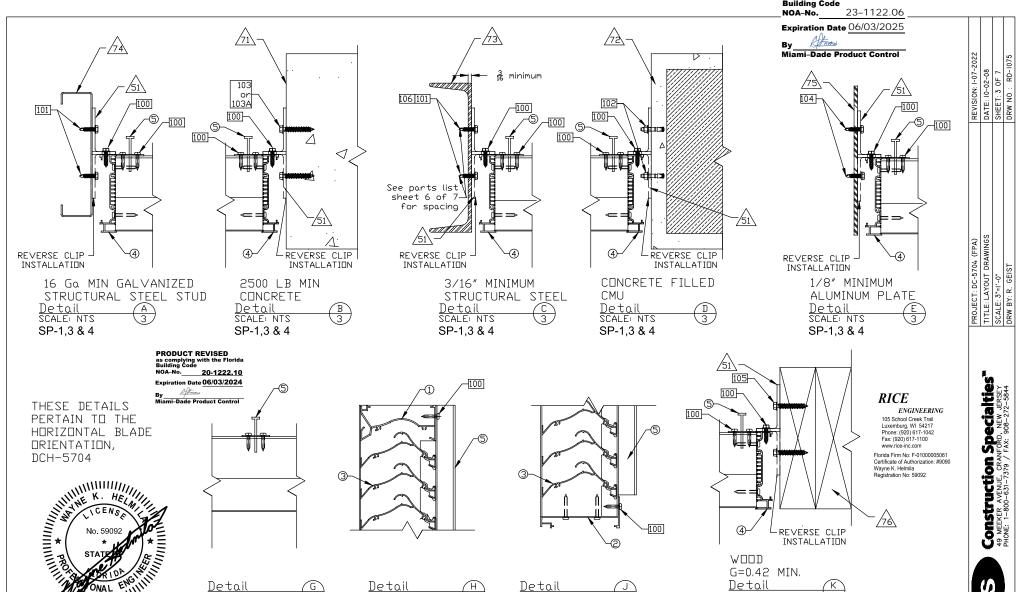
Construction Specialties*
49 MEKER AVENUE, CRANFORD, NEW JERSEY
PHONE: 1-800-631-7379 / FAX: 908-272-5844



Detail

SCALE: NTS

SP-1,3 &4



Detail

SCALE: NTS

SP-1,3 &4

Detail

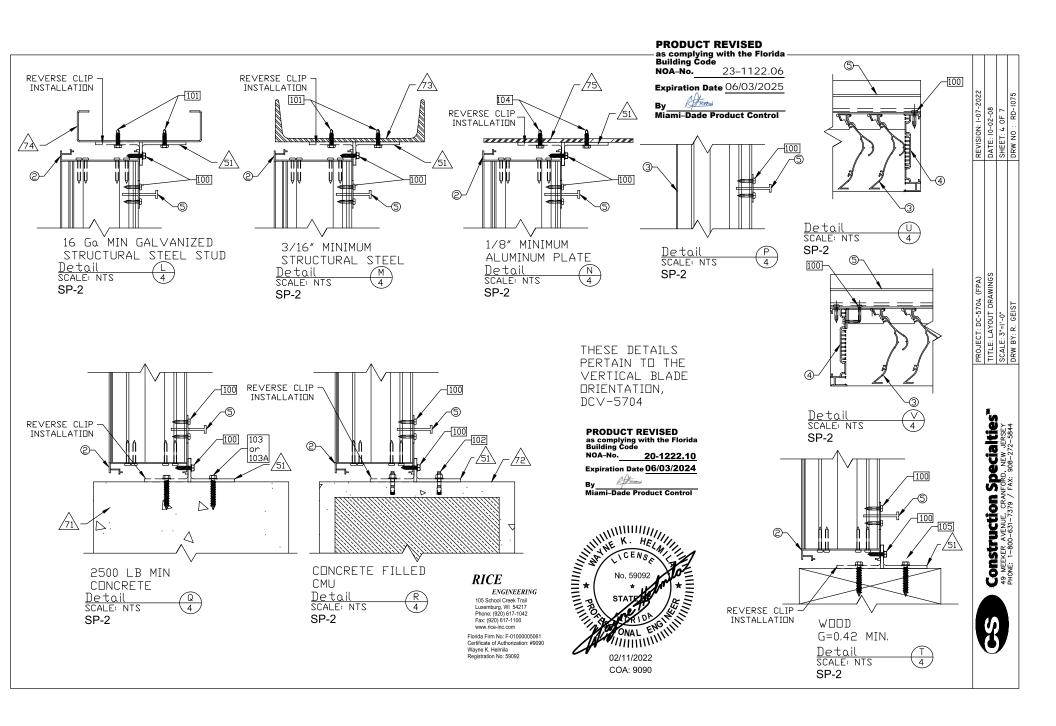
SP-1

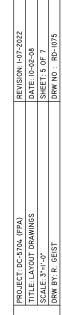
SCALE: NTS

Detail SCALE: NTS

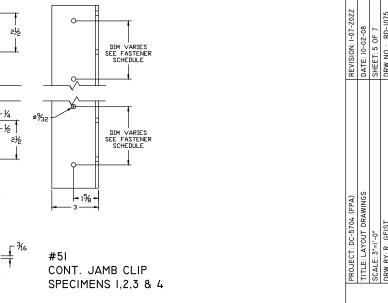
SP-1 & 4

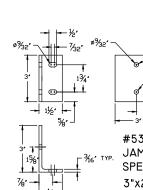
COA: 9090

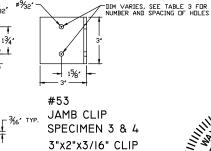












ANGLE CUT TO

3"xI-I/2"X3" LG

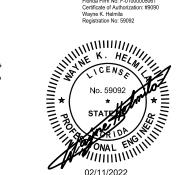


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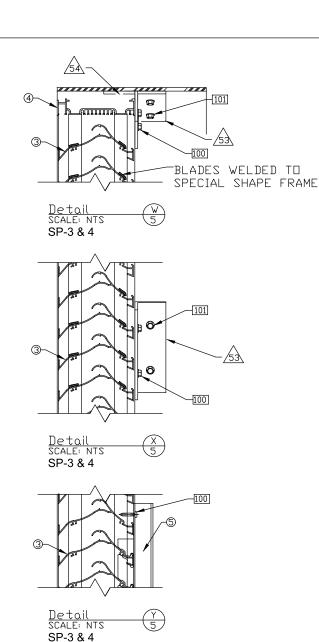
RICE

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

Florida Firm No: F-01000005061







PRODUCT REVISED as complying with the Florida Building Code NOA-No. 23-1122.06

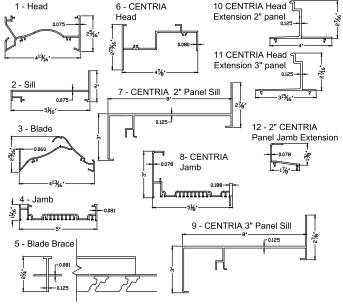
Expiration Date 06/03/2025

Stun

Miami-Dade Product Control

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-1222.10 Expiration Date 06/03/2024

Strong Miami-Dade Product Control



	Continious Clip Building Attachment Faste	ner Schedule (*	Table 2)		
Part Num.	Fastener Description	Substrate	Max Spacing	Min. Edge Dist.	Min. embed.
100	1/4"-14 Dia S.S. 300 Series screws OR 1/4"-14 Dia. Carbon Steel Screws w/ Liquid Prosoco Flashing (or Sealed w/ an equal product)	0.081 Aluminum Mullion	2-1/2"	3/8"	NA
101	1/4"-14 Dia S.S. 300 Series screws <u>OR</u> 1/4"-14 Dia. Carbon Steel Screws w/ Liquid Prosoco Flashing (or Sealed w/ an equal product)	.060 Cold Formed Steel	4-1/4"	1/2"	NA
101	1/4"-20 Dia S.S. 300 Series screws <u>OR</u> 1/4"-20 Dia. Carbon Steel Screws w/ Liquid Prosoco Flashing (or Sealed w/ an equal product)	3/16" Structural Steel	6-1/4"	1/2"	NA
102	1/4" Dia. Dewalt Galvanized screw-Bolt+ w/Liquid Prosoco Flashing (or sealed w/ an equal product)** or equiv.	1500 lb min. Grout Filled CMU	3-1/2"	3"	2-1/2"
103	1/4" Dia. Dewalt Galvanized Screw-Bolt+ w/Liquid Prosoco Flashing (or sealed w/ an equal product)** or equiv.	2500 lb Cracked Concrete (min. 6" slab thickness)	3"	3"	2-1/2"
103A	3/8" Dia. Dewalt Galvanized Screw-Bolt+ w/Liquid Prosoco Flashing (or sealed w/ an equal product)** or equiv.	2500 lb Cracked Concrete (min. 6" slab thickness)	6"	3"	2"
104	1/4"-14 Dia. S.S. 300 Series screws <u>OR</u> 1/4"-14 Dia. Carbon Steel Screws w/ Liquid Prosoco Flashing (or Sealed w/ an equal product)	Aluminum (1/8" Min)	3-1/2"	1/2"	NA
105	1/4" Dia. SS Lag screws 300 Series OR 1/4" Dia. Carbon Steel Lag Screws w/ Liquid Prosoco Flashing (or sealed w/ an equal product)	Wood	3"	1"	3"
106	1/4" SS Series 300 self drilling or self tapping sheet metal screw	3/16" Structural Steel	See Sheet 7	1/4"	NA

ALL S.S. ANCHORS SPECIFIED IN THIS CONTINUOUS CLIP FASTENER SCHEDULE TAPE 2 MUST BE SERIES 300 S.S.

LOUVER BLA	LOUVER BLADE SPAN		
Louver Width (feet & inches)	Allowable Wind Load PSF		
12' - 0"	130		
11' - 6"	133		
11' - 0"	135		
10' - 6"	138		
10' - 0"	140		
9' - 6"	143		
9' - 0"	145		
8' - 0" and shorter	150		

13 - 3" CENTRIA Panel Jamb Extension

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

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-1222.10

Expiration Date 06/03/2024 Atum

By Miami-Dade Product Control



** INSTALL PER **FASTENER** MANUFACTURER'S INSTRUCTI⊡NS

PRODUCT REVISED as complying with the Florida Building Code 23-1122.06 NOA-No.

Expiration Date 06/03/2025

1		. TABLE 1 - PARTS LIST				
ITEM	PART	DESCRIPTION				
1	HEAD	6063-T6 ALUMINUM 0.075 THK				
2	SILL	6063-T6 ALUMINUM 0.075 THK				
3	BLADE	6063-T6 ALUMINUM 0.060 THK				
4	JAMB	6063-T6 ALUMINUM 0.081 THK				
- 5	BLADE BRACE	6063-T6 ALUMINUM 0.125 THK				
6	CENTRIA HEAD	6063-T6 ALUMINUM 0.080 THK				
7	CENTRIA 2" SILL	6063-T6 ALUMINUM 0.125 THK				
8	CENTRIA JAMB	6063-T6 ALUMINUM 0.078 THK				
9	CENTRIA 3" SILL	6063-T6 ALUMINUM 0.125 THK				
10	CENTRIA 2" HEAD EXTENSION	6063-T6 ALUMINUM 0.125 THK AT BUILDING CONNECTION				
11	CENTRIA 3" HEAD EXTENSION	6063-T6 ALUMINUM 0.125 THK AT BUILDING CONNECTION				
12	CENTRIA 2" JAMB EXTENSION	6063-T6 ALUMINUM 0.078 THK				
13	CENTRIA 3" JAMB EXTENSION	6063-T6 ALUMINUM 0.078 THK				
51	JAMB ANGLE	1 1/2"x3"x3/16" CONT. ALUM ANGLE - 6061 T6				
53	JAMB CLIP ANGLE	2"x3"x3/16"x3"LG ALUM. JAMB CLIP ANGLE - 6061 T6				
54	BRACE CLIP ANGLE	2"x2"x3/16"x3"LG ALUM. JAMB CLIP ANGLE - 6061 T6				
71	CONCRETE	2500# CONCRETE				
72	CMU	GROUT FILLED CONCRETE MASONRY UNIT				
73	STRUCTURAL STEEL 18" MIN	$\frac{3}{16}$ " THK MIN., A-36 STEEL, Fy = 36 ksi MIN.				
74	STEEL STUD	16 GA MINIMUM, Fy = 50 ksi MIN.				
75	ALUMINUM PLATE	1/8" MINIMUM, 6063-T5 DR BETTER, RECOMMEND LOCTITE				
76	WOOD	SPRUCE PINE FIR, G = 0.42 MINIMUM				

Part Num.	Fastener Description	Substrate	Num. Screws	Screw Spacing	Min. Edge Dist.	Min. embed.	Clip Spacin
100	1/4"-14 Dia. S.S. 300 Series screws <u>OR</u> 1/4"-14 Dia. Carbon Steel Screws w/ Liquid Prosoco Flashing (or Sealed w/ an equal product)	0.081 Aluminum Mullion	2	1 3/4"	NA	NA	NA
101	1/4"-14 Dia. S.S. 300 Series screws <u>OR</u> 1/4"-14 Dia. Carbon Steel Screws w/ Liquid Prosoco Flashing (or Sealed w/ an equal product)	.060 Cold Formed Steel	2	1 3/4"	NA	NA	7"
101	1/4"-20 Dia. S.S. 300 Series screws <u>OR</u> 1/4"-20 Dia. Carbon Steel Screws w/ Liquid Prosoco Flashing (or Sealed w/ an equal product)	3/16" Structural Steel	2	1 3/4"	NA	NA	7"
102	1/4" Dia. Dewalt Galvanized screw-Bolt+ w/Liquid Prosoco Flashing (or sealed w/ an equal product)** or equiv.	1500 lb min. Grout Filled CMU	2	2"	3"	2-1/2"	7"
103	1/4" Dia. Dewalt Galvanized Screw-Bolt+ w/Liquid Prosoco Flashing (or sealed w/ an equal product)** or equiv.	2500 lb Cracked Concrete (min. 6" slab thickness)	2	1 3/4"	3"	2-1/2"	7"
104	1/4"-14 Dia. S.S. 300 Series screws <u>OR</u> 1/4"-14 Dia. Carbon Steel Screws w/ Liquid Prosoco Flashing (or Sealed w/ an equal product)	Aluminum (1/8" Min)	2	1 3/4"	1/2"	NA	7"
105	1/4" Dia. SS Lag screws 300 Series <u>OR</u> 1/4" Dia. Carbon Steel Lag Screws w/ Liquid Prosoco Flashing (or sealed w/ an equal product)	Wood	2	1 3/4"	1"	3"	7"

ALL S.S. ANCHORS SPECIFIED IN THIS SPECIAL SHAPE LOUVER FASTENER SCHEDULE TABLE 3 MUST BE SERIES 300 S.S.

Miami-Dade Product Control

Construction Specialties* 49 MEKER AYENUE, CRANFORD, NEW JERSEY PHONE: 1-800-631-7379 / FAX: 908-272-5844

PROJECT: DC-5704 (FPA) TITLE: LAYOUT DRAWINGS

