



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 renewal 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 NOA # 23-1122.06** 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.**




08/16/24

NOA No. 24-0729.06
Expiration Date: June 3, 2030
Approval Date: August
29, 2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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. 24-0729.06
Expiration Date: June 3, 2030
Approval Date: August 29, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 24-0729.06
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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. 24-0729.06
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Evidence submitted under NOA # 20-1222.10, # 23-1122.06 and new

A. DRAWINGS “Submitted under NOA # 20-1222.10”

1. 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. Test report on 1) Uniform Static Air Pressure Test per FBC, TAS 202-94,
2) Large Missile Impact Test per FBC, TAS 201-94, and
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
of four Series/Model DC 5704 Aluminum Louver Assembly, prepared by Intertek, Test Report No. **Q9325.01-109-18**, dated 04/23/2024, signed and sealed by Tanya A. Dolby, P.E.

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 “Submitted under NOA # 23-1122.06”

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”

3. 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.
4. 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. 24-0729.06
Expiration Date: June 3, 2030
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PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0729.06

Expiration Date 06/03/2030

By *[Signature]*
Miami-Dade Product Control

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

By *[Signature]*
Miami-Dade Product Control

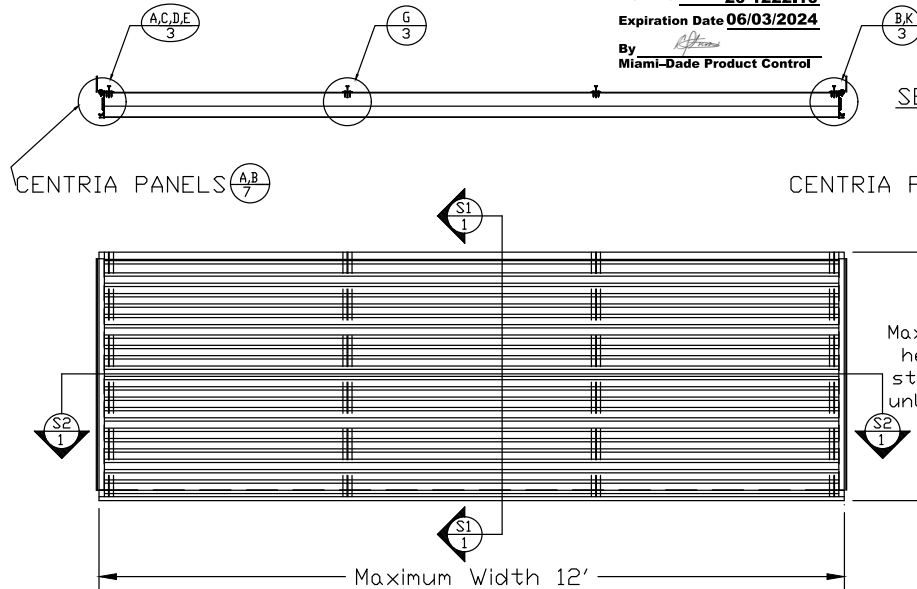


02/11/2022
COA: 9090

RICE
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105 School Creek Trail
Luxemburg, WI 54217
Phone: (920) 617-1042
Fax: (920) 617-1100
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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. 23-1122.06
Expiration Date 06/03/2025

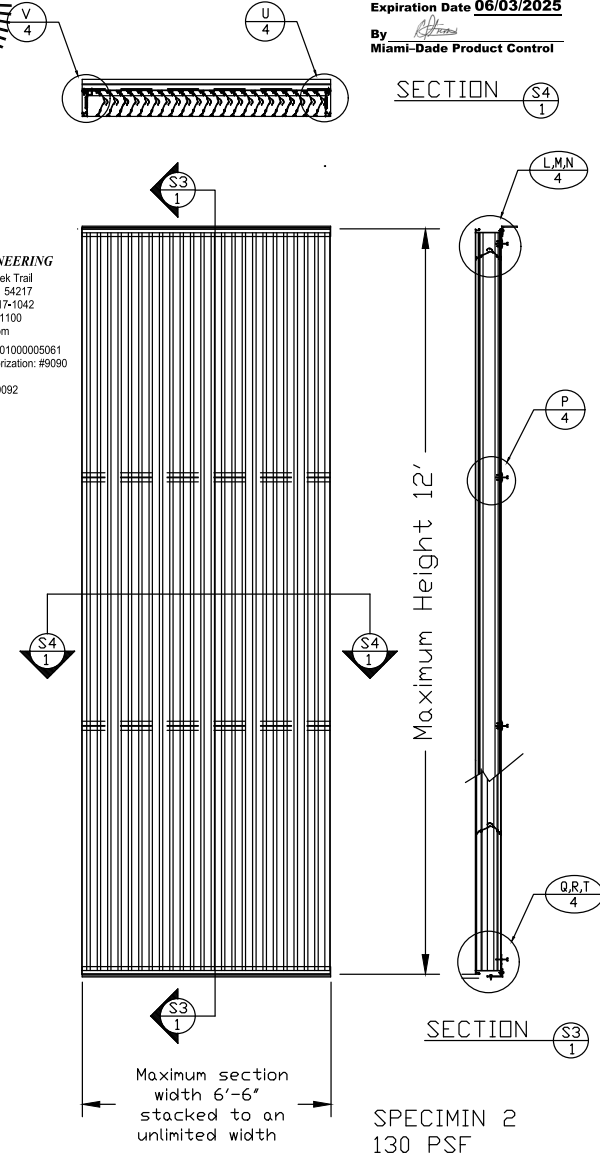
By *[Signature]*
Miami-Dade Product Control



SPECIMIN 1
130 PSF

CENTRIA PANELS C,I,D,I 7
Maximum section
height 6' - 6"
stacked to an
unlimited height

SECTION S1 1



SPECIMIN 2
130 PSF

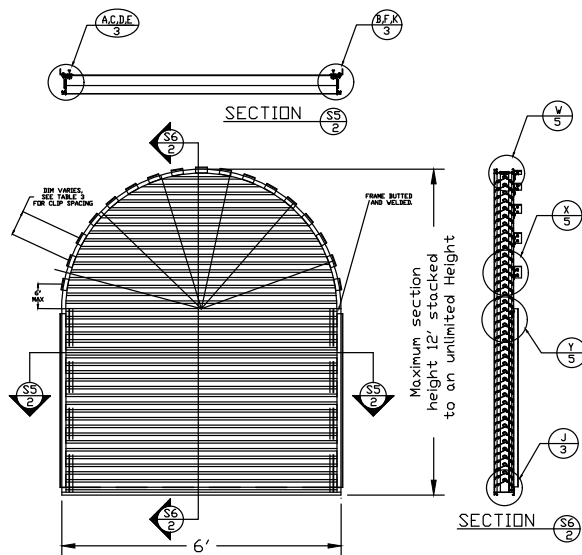
- 1) It shall be the responsibility of the Structural Engineer of Record to verify the capacity of the structure to support the loads imposed by the louvers.
- 2) These louvers have been designed according to the Florida Building Code and the Aluminum Design Manual. That are tested in accordance with Dade County protocols TAS 201, TAS 202 and TAS 203,
- 3) All fasteners shall be stainless steel or series 300 fasteners including Concrete, Masonry, and Wood Fasteners.
- 4) All concrete substrate shall be a minimum of 2500 psi cracked, normal weight. Grout filled CMU: f'm = 1,500 psi, normal weight. ASTM C-90.
- 5) Maximum single panel size: 144"w x 78"h or 78"w x 144" h. Multiple panels may be stacked to an unlimited height (specimen 1) or unlimited width (specimen 2).
- 6) The louver is to be installed in a location where the room behind the louver is designed to drain water penetrating into the room and the room will house waterproof or water resistant equipment, components or supplies.
- 7) Jamb clip spacing may not be altered. Each clip and fastener used must be detailed on the drawing and verified in the tables on sheet 6 of 7.
- 8) Separation of unpainted aluminum and dissimilar materials to be maintained by the installer
- 10) This louver system has been tested, analyzed and approved for design pressures not to exceed 150 PSF.
- 11) See sheet 6 of 7 for blade span table
- 12) These louvers may be used with the blades in a horizontal orientation under model name DCH-5704 or with blades in a vertical orientation under model name DCV-5704.
- 13) At the sill, the jamb is square cut and butted onto the sill and held with two #10 X 1-1/2" SS pan head screws.
- 14) The head extrusion is square cut and butted into the jamb and held with two #10 X 1-1/2" inch SS pan head screws.
- 15) For blades in a horizontal orientation, the blades are attached to vertical jambs with two #10 X 1-1/2" inch SS pan head screws at each blade end.
- 16) For blades in a vertical orientation, the blades are attached to the head and sill with two #10 X 1-1/2" inch SS pan head screws at each blade end.
- 17) Blades are attached to shaped louvers with two 5/8" x 1/8" fillet welds at each blade end, see detail W/5.

REVISION: I-07-2022
DATE: 10-02-08
SHEET: 1 OF 7
DRW NO : RD-1075

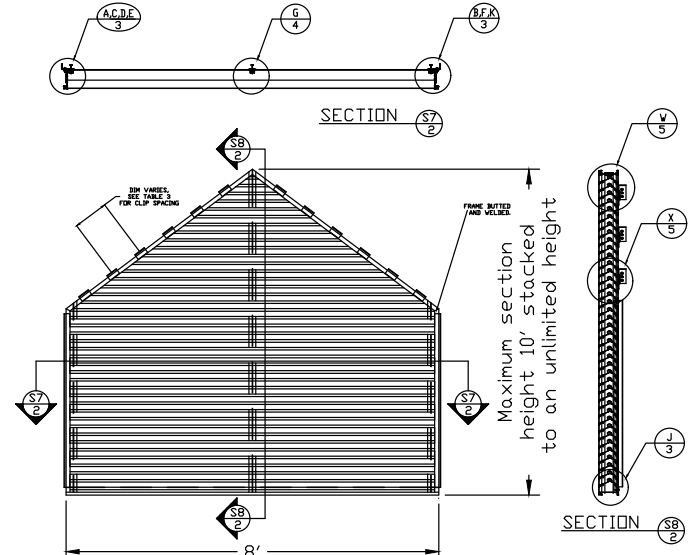
PROJECT: DC-5704 (FPA)
TITLE: LAYOUT DRAWINGS
SCALE: 1/2" = 1'-0"
DRW BY: R. GEIST

Construction Specialties™
49 MEERK AVE., CRANFORD, NEW JERSEY
PHONE: 1-800-631-7379 / FAX: 908-272-5844

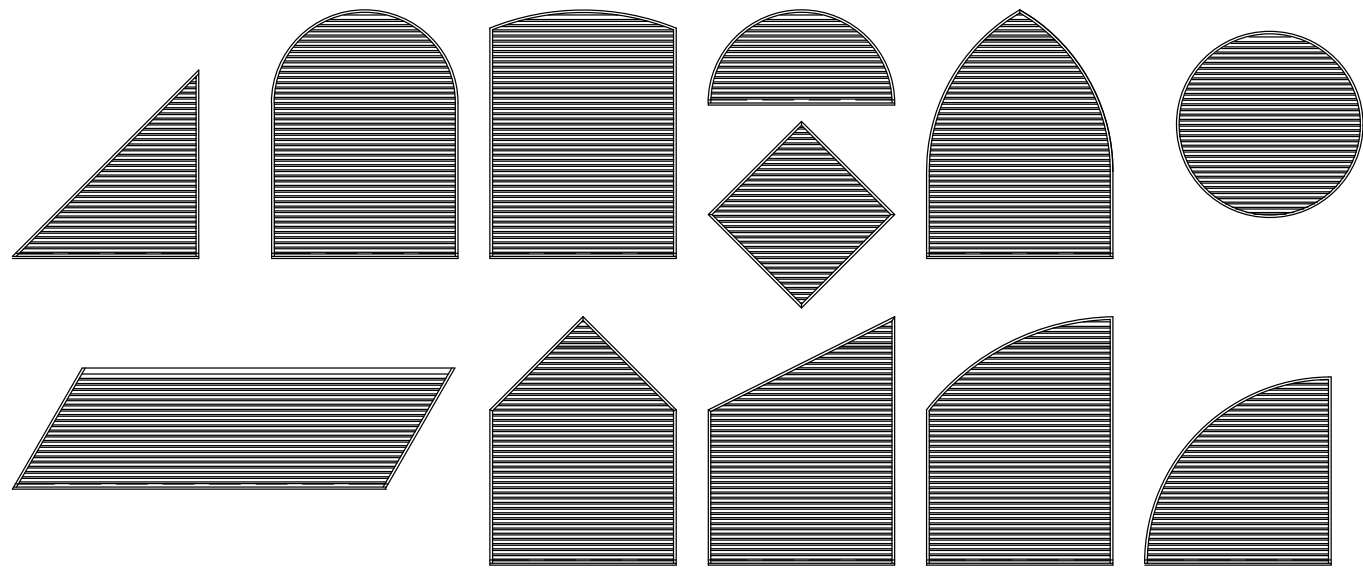




SPECIMIN 3
150 PSF



SPECIMIN 4
150 PSF



PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 24-0729.06
Expiration Date 06/03/2030

By [Signature]
Miami-Dade Product Control

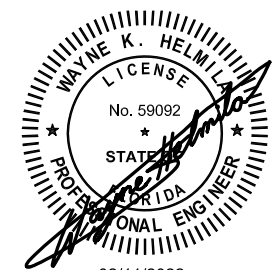
PRODUCT REVISED
as complying with the Florida
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NOA-No. 23-1122.06
Expiration Date 06/03/2025

By [Signature]
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
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Expiration Date 06/03/2024

By [Signature]
Miami-Dade Product Control

RICE
ENGINEERING
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www.rice-inc.com
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Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092



02/11/2022
COA: 9090

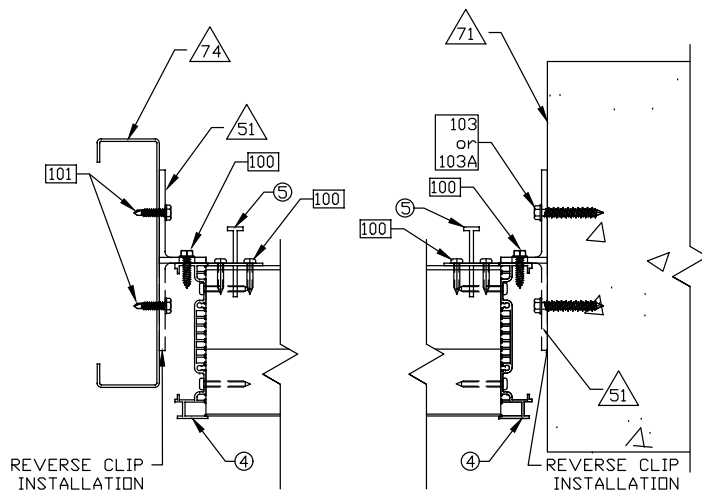
PROJECT: DC-5704 (FPA)	REVISION: 1-07-2022
TITLE: LAYOUT DRAWINGS	DATE: 10-02-08
SCALE: 3/8" = 1'-0"	SHEET: 2 OF 7
DRW BY: R. GEIST	DRW NO : RD-1075



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

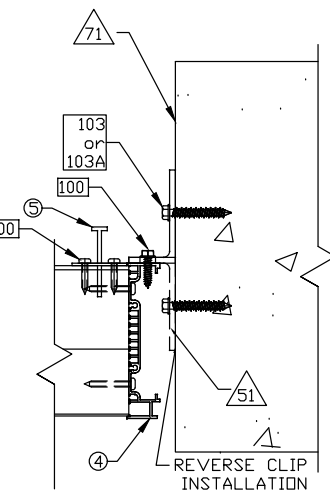
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By *[Signature]*
Miami-Dade Product Control



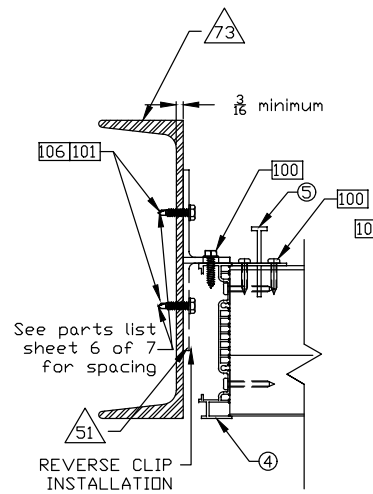
16 Ga MIN GALVANIZED
STRUCTURAL STEEL STUD
Detail
SCALE: NTS
SP-1,3 & 4

(A)
3



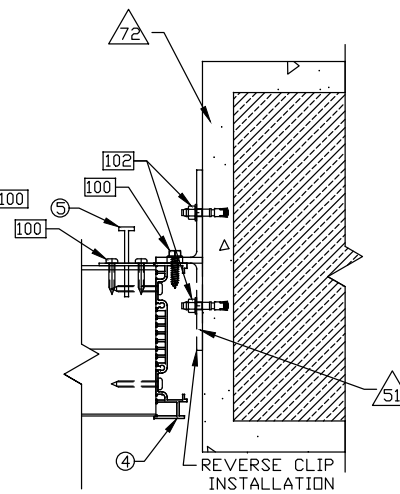
2500 LB MIN
CONCRETE
Detail
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SP-1,3 & 4

(B)
3



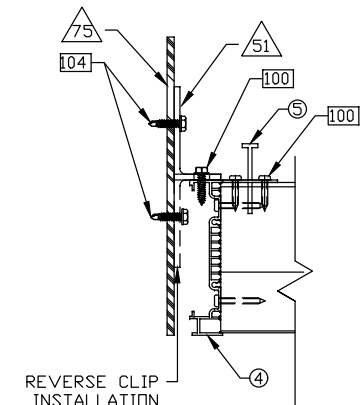
3/16" MINIMUM
STRUCTURAL STEEL
Detail
SCALE: NTS
SP-1,3 & 4

(C)
3



CONCRETE FILLED
CMU
Detail
SCALE: NTS
SP-1,3 & 4

(D)
3



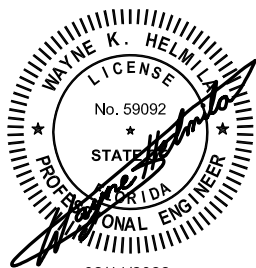
1/8" MINIMUM
ALUMINUM PLATE
Detail
SCALE: NTS
SP-1,3 & 4

(E)
3

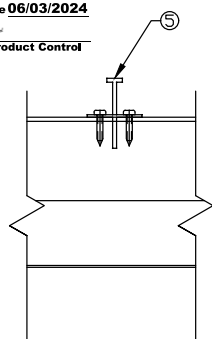
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-1222.10**
Expiration Date **06/03/2024**

By *[Signature]*
Miami-Dade Product Control

THESE DETAILS
PERTAIN TO THE
HORIZONTAL BLADE
ORIENTATION,
DCH-5704

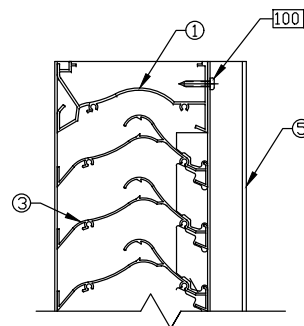


02/11/2022
COA: 9090



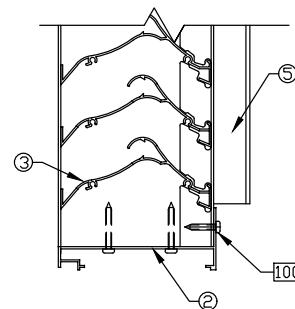
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SP-1 & 4

(G)
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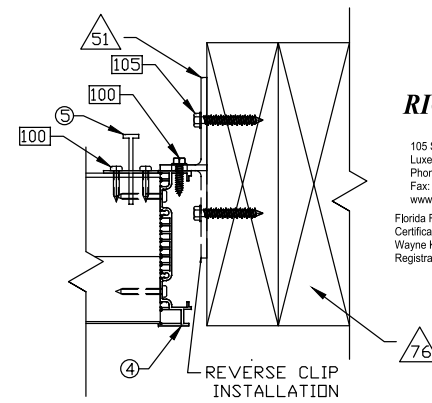
Detail
SCALE: NTS
SP-1

(H)
3



Detail
SCALE: NTS
SP-1,3 & 4

(J)
3



WOOD
G=0.42 MIN.
Detail
SCALE: NTS
SP-1,3 & 4

(K)
3

RICE
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105 School Creek Trail
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NOA-No. **24-0729.06**

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By *[Signature]*
Miami-Dade Product Control

REVISION: 1-07-2022

DATE: 10-02-08

SHEET: 3 OF 7

DRW NO : RD-1075

PROJECT: DC-5704 (FPA)

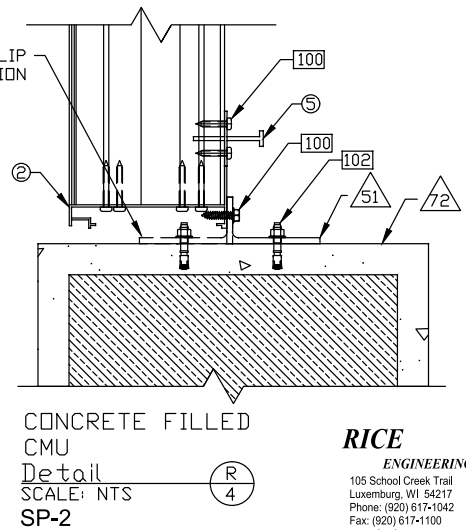
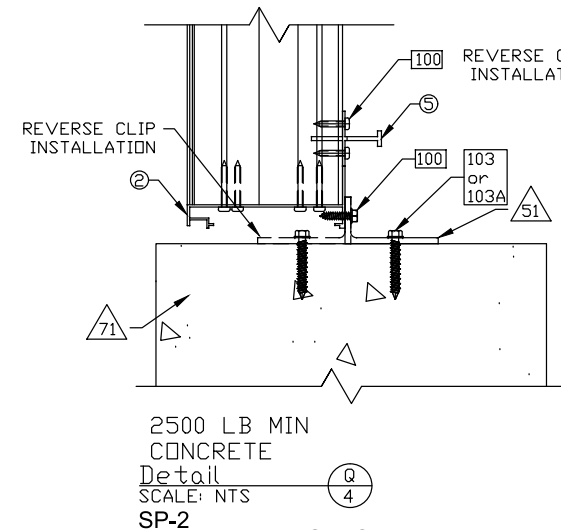
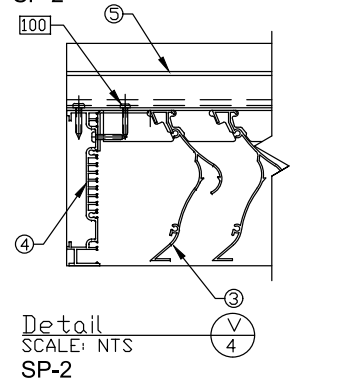
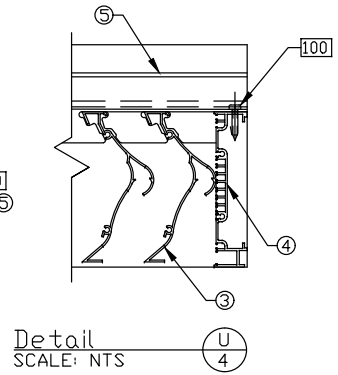
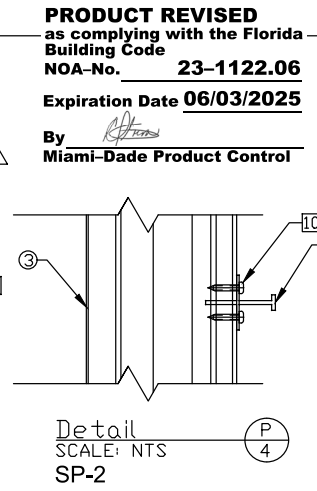
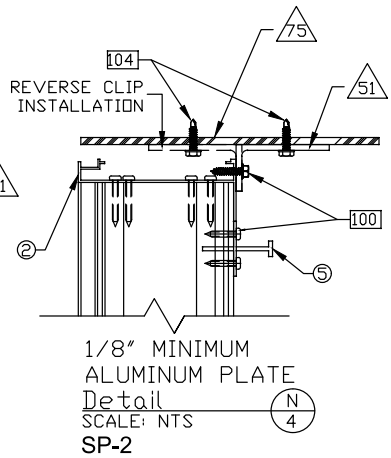
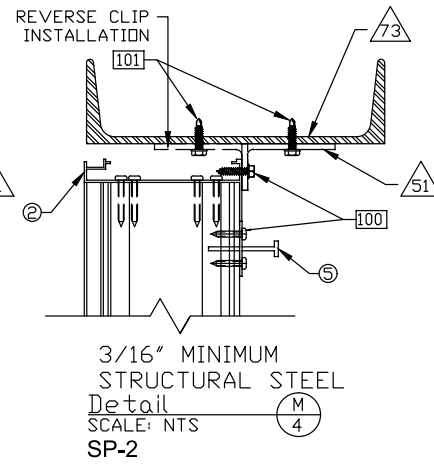
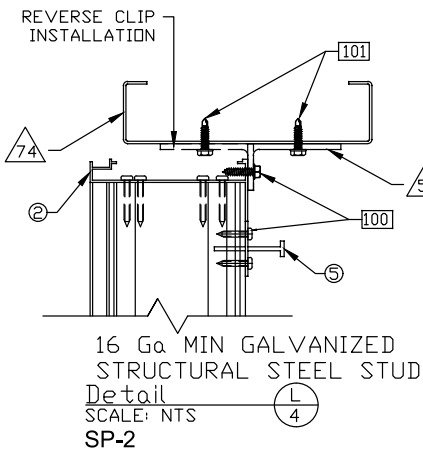
TITLE: LAYOUT DRAWINGS

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

DRW BY: R. GEIST

Construction Specialties™
49 MEEKER AVENUE, CRANFORD, NEW JERSEY
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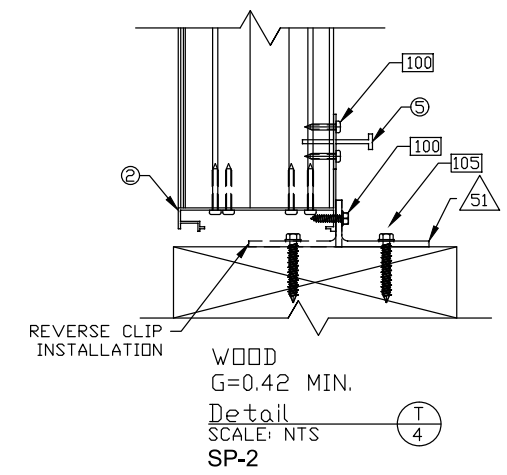


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THESE DETAILS
PERTAIN TO THE
VERTICAL BLADE
ORIENTATION,
DCV-5704

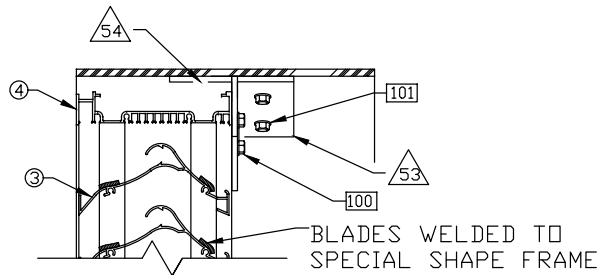
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-1222,10**
Expiration Date **06/03/2024**
By *[Signature]*
Miami-Dade Product Control



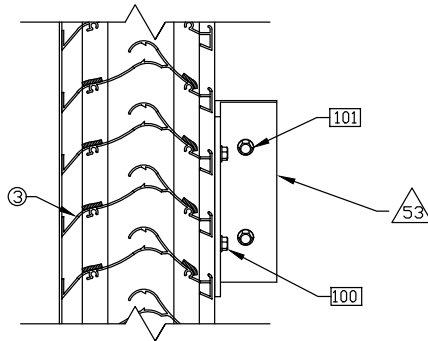
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PROJECT: DC-5704 (FPA)	REVISION: 1-07-2022
TITLE: LAYOUT DRAWINGS	DATE: 10-02-08
SCALE: 3'-1'-0"	SHEET: 4 OF 7
DRW BY: R. GEIST	DRW NO: RD-1075

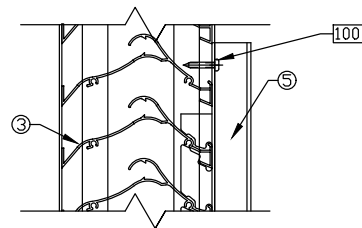




Detail
SCALE: NTS
SP-3 & 4



Detail
SCALE: NTS
SP-3 & 4



Detail
SCALE: NTS
SP-3 & 4

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By R. Helmla
Miami-Dade Product Control

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NOA-No. 23-1122.06

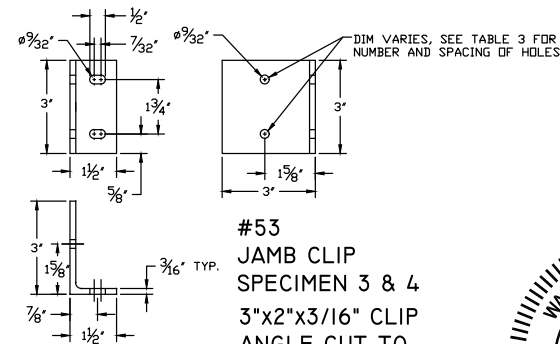
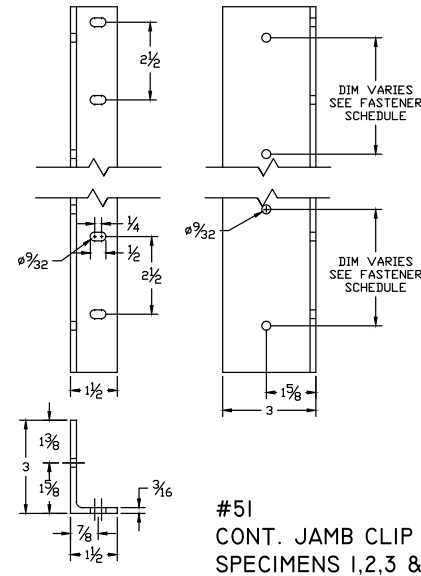
Expiration Date 06/03/2025

By R. Helmla
Miami-Dade Product Control

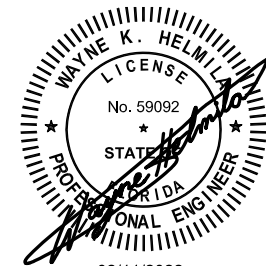
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-1222.10

Expiration Date 06/03/2024

By R. Helmla
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. Helmla
Registration No: 59092



02/11/2022
COA: 9090

REVISION: 1-07-2022
DATE: 10-02-08
SHEET: 5 OF 7
DRW NO : RD-1075

PROJECT: DC-5704 (FPA)
TITLE: LAYOUT DRAWINGS
SCALE: 3'-1'-0"
DRW BY: R. GEIST

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



PRODUCT RENEWED
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Building Code
NOA-No. 24-0729.06

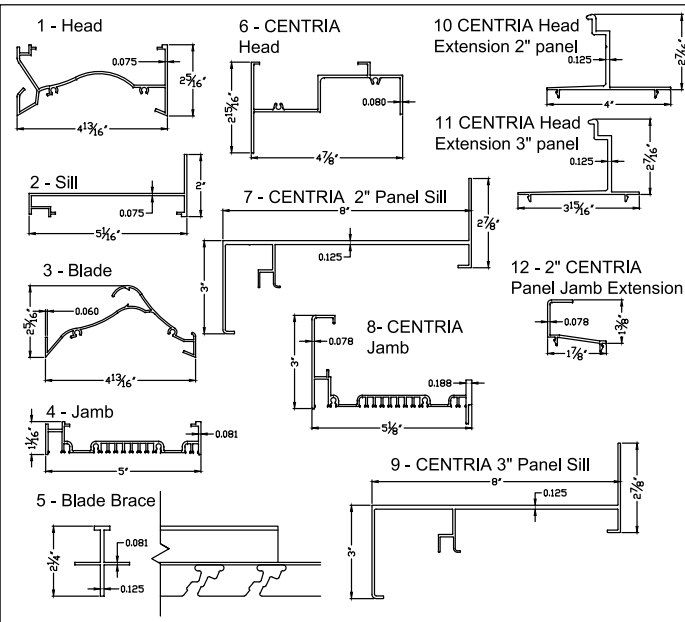
Expiration Date 06/03/2030

By *R. Helms*
Miami-Dade Product Control

REVISION: 1-07-2022
DATE: 10-02-08
SHEET: 6 OF 7
DRW NO : RD-1075

PROJECT: DC-5704 (FPA)
TITLE: LAYOUT DRAWINGS
SCALE: HALF
DRW BY: R. GEIST

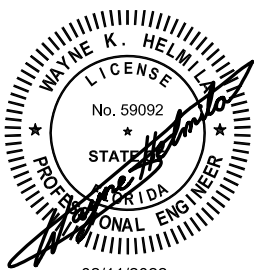
Construction Specialties
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LOUVER BLADE SPAN	
Louver Width (feet & inches)	Allowable Wind Load PSF
12' - 0"	130
11' - 6"	133
11' - 0"	135
10' - 6"	138
10' - 0"	140
9' - 6"	143
9' - 0"	145
8' - 0" and shorter	150


13 - 3" CENTRIA Panel Jamb Extension
RICE ENGINEERING
105 School Creek Trail
Luxemburg, WI 54217
Phone: (920) 617-1042
Fax: (920) 617-1100
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Miami-Dade Product Control



02/11/2022
COA: 9090
** INSTALL PER FASTENER MANUFACTURER'S INSTRUCTIONS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1122.06
Expiration Date 06/03/2025
By *R. Helms*
Miami-Dade Product Control

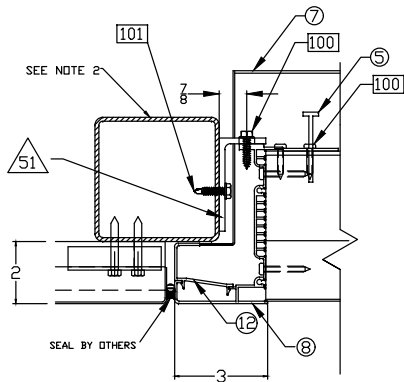
		TABLE 1 - PARTS LIST		By  Date 03/03/20	
ITEM	PART	DESCRIPTION		Miami-Dade Product Control	
1	HEAD	6063-T6	ALUMINUM	0.075	THK
2	SILL	6063-T6	ALUMINUM	0.075	THK
3	BLADE	6063-T6	ALUMINUM	0.060	THK
4	JAMB	6063-T6	ALUMINUM	0.081	THK
5	BLADE BRACE	6063-T6	ALUMINUM	0.125	THK
6	CENTRIA HEAD	6063-T6	ALUMINUM	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 $\frac{3}{16}$ " 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			

Continuous Clip Building Attachment Fastener 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 OR 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 OR 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 OR 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.

Special Shape Louver Fastener Schedule - Clips 1-1/2" x 3" x 3" long (Table 3)						
Part Num.	Fastener Description	Substrate	Num. Screws	Screw Spacing	Min. Edge Dist.	Min. embed. Clip Spacing
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 3/4"	NA	NA
101	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)	.060 Cold Formed Steel	2	1 3/4"	NA	7"
101	1/4"-20 Dia. S.S. 300 Series screws OR 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	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"	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"	7"
104	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)	Aluminum (1/8" Min)	2	1 3/4"	1/2"	7"
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	2	1 3/4"	1"	7"

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

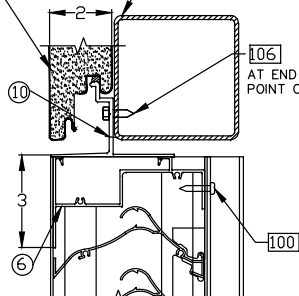


JAMB AND 2" PANEL
INTERFACE

Detail
SCALE: NTS
SP-1

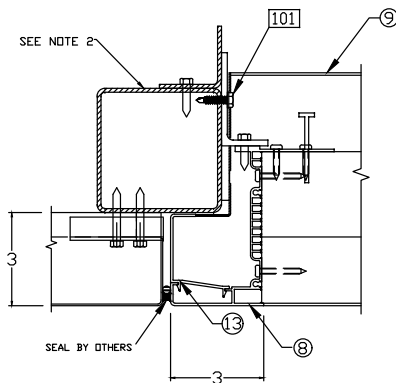
ARCHITECT/CUSTOMER NOTE: HORIZ.
STEEL SUPPORT REQ'D FOR LOUVER
HEAD ATTACHMENT (NOT BY C/S - SEE
NOTE 2)

2 INCH DS PANEL
(NOT BY C/S)



HEAD AND 2" PANEL
INTERFACE

Detail
SCALE: NTS
SP-1

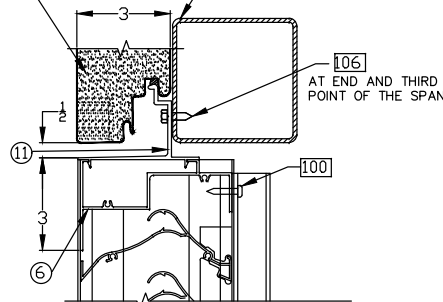


JAMB AND 3" PANEL
INTERFACE

Detail
SCALE: NTS
SP-1

ARCHITECT/CUSTOMER NOTE: HORIZ.
STEEL SUPPORT REQ'D FOR LOUVER
HEAD ATTACHMENT (NOT BY C/S - SEE
NOTE 2)

3 INCH DS PANEL
(NOT BY C/S)



HEAD AND 3" PANEL
INTERFACE

Detail
SCALE: NTS
SP-1

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Expiration Date 06/03/2030

By *[Signature]*
Miami-Dade Product Control

Note 1 - Alternate frame components for DCH 5704
louvers to allow louver integration with CENTRIA
horizontal panels in the Centria Formawall Dimension
and Graphix systems. The details on page 7 apply to
Specimen 1 only

Note 2 - Structural Supports may be 3/16" structural
steel or Minimum 16 gauge galvanized cold formed steel

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By *[Signature]*
Miami-Dade Product Control

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Expiration Date 06/03/2024

By *[Signature]*
Miami-Dade Product Control

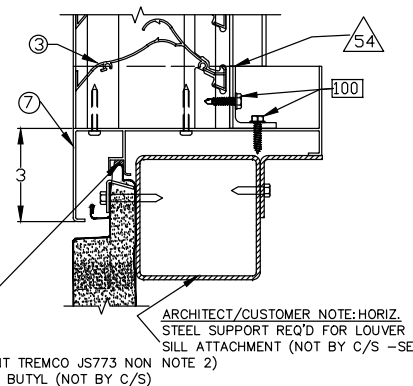
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Wayne K. Helmila
Registration No: 59092



02/11/2022
COA: 9090

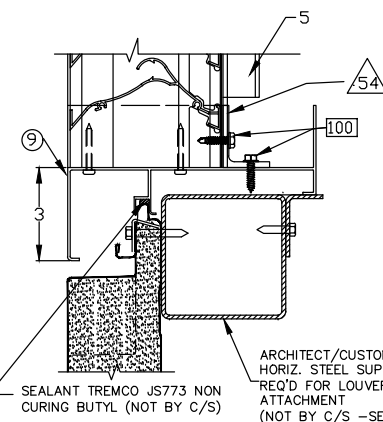


SILL AND 2" PANEL
INTERFACE

Detail
SCALE: NTS
SP-1

ARCHITECT/CUSTOMER NOTE: HORIZ.
STEEL SUPPORT REQ'D FOR LOUVER
SILL ATTACHMENT (NOT BY C/S - SEE
NOTE 2)

SEALANT TREMCO JS773 NON
CURING BUTYL (NOT BY C/S)



SILL AND 3" PANEL
INTERFACE

Detail
SCALE: NTS
SP-1

ARCHITECT/CUSTOMER NOTE: HORIZ. STEEL SUPPORT
REQ'D FOR LOUVER SILL
ATTACHMENT (NOT BY C/S - SEE NOTE 2)

SEALANT TREMCO JS773 NON
CURING BUTYL (NOT BY C/S)

REVISION: I-07-2022
DATE: 10-02-08
SHEET: 7 OF 7
DRW NO : RD-1075
PROJECT: DC-5704 (FPA)
TITLE: LAYOUT DRAWINGS
SCALE: 3'-1'-0"
DRW BY: R. GEIST

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