



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

The Airolite Company, LLC
PO Box 410
Schofield, WI 54476

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 SCV-501MD Aluminum Louver

APPROVAL DOCUMENT: Drawing No. SCV501MD, titled "SCV501MD", sheets 1 through 9 of 9, dated 04/01/15, prepared by the manufacturer, signed and sealed by Chander P. Nangia, 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: Each unit shall a permanent label with the manufacturer's name or logo, Schofield, WI or Shelby, NC, model/ series, and the statement reading: "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.

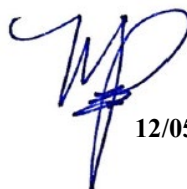
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 **revises** NOA No. 21-0526.15 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




12/05/23

NOA No. 23-1030.07
Expiration Date: August 06, 2025
Approval Date: December 14, 2023
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. 15-0415.06)
2. Drawing No. **SCV501MD**, titled "SCV-501MD", sheets 1 through 9 of 9, dated 04/01/15, prepared by the manufacturer, signed and sealed by Chander P. Nangia, P.E.
(Submitted under NOA No. 15-0415.06)

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 marked-up drawings and installation diagram of Model EVH-501D aluminum vertical louvers, prepared by Intertek/Architectural Testing, Inc, Report No. **E4766.02-602-18**, dated 03/13/15, signed and sealed by Shawn G. Collins, P.E.
(Submitted under NOA No. 15-0415.06)
2. Test Report on High Velocity Wind Driven Rain Resistance per AMCA 550-09 of a Model EVH-501D aluminum vertical louver, prepared by Intertek/Architectural Testing, Inc, Test Report No. **E4766.01-602-44**, dated 02/06/15, signed and sealed by Shawn G. Collins, P.E.
(Submitted under NOA No. 15-0415.06)

C. CALCULATIONS

1. Structural load calculations prepared by manufacturer, dated 04/01/15, signed and sealed by Chander P. Nangia, P.E.
(Submitted under NOA No. 15-0415.06)

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 the **FBC 7th Edition (2020)** and of no financial interest, dated May 13, 2021, issued by manufacturer, signed and sealed by Chander P. Nangia, P.E.
(Submitted under NOA No. 21-0526.15)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-1030.07
Expiration Date: August 06, 2025
Approval Date: December 14, 2023

The Airolite Company, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

G. OTHERS

1. Notice of Acceptance No. **20-0602.03**, issued to The Airolite Company, LLC for their Model SCV501MD Aluminum Louver, approved on 06/25/20 and expiring on 08/06/25.

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

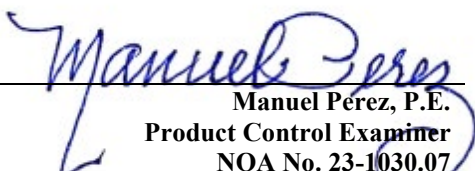
1. None.

F. STATEMENTS

1. Statement letter of code conformance to the **FBC 8th Edition (2023)** and of no financial interest, dated October 16, 2023, issued by manufacturer, signed and sealed by Robert V. Nangia, P.E.

G. OTHERS

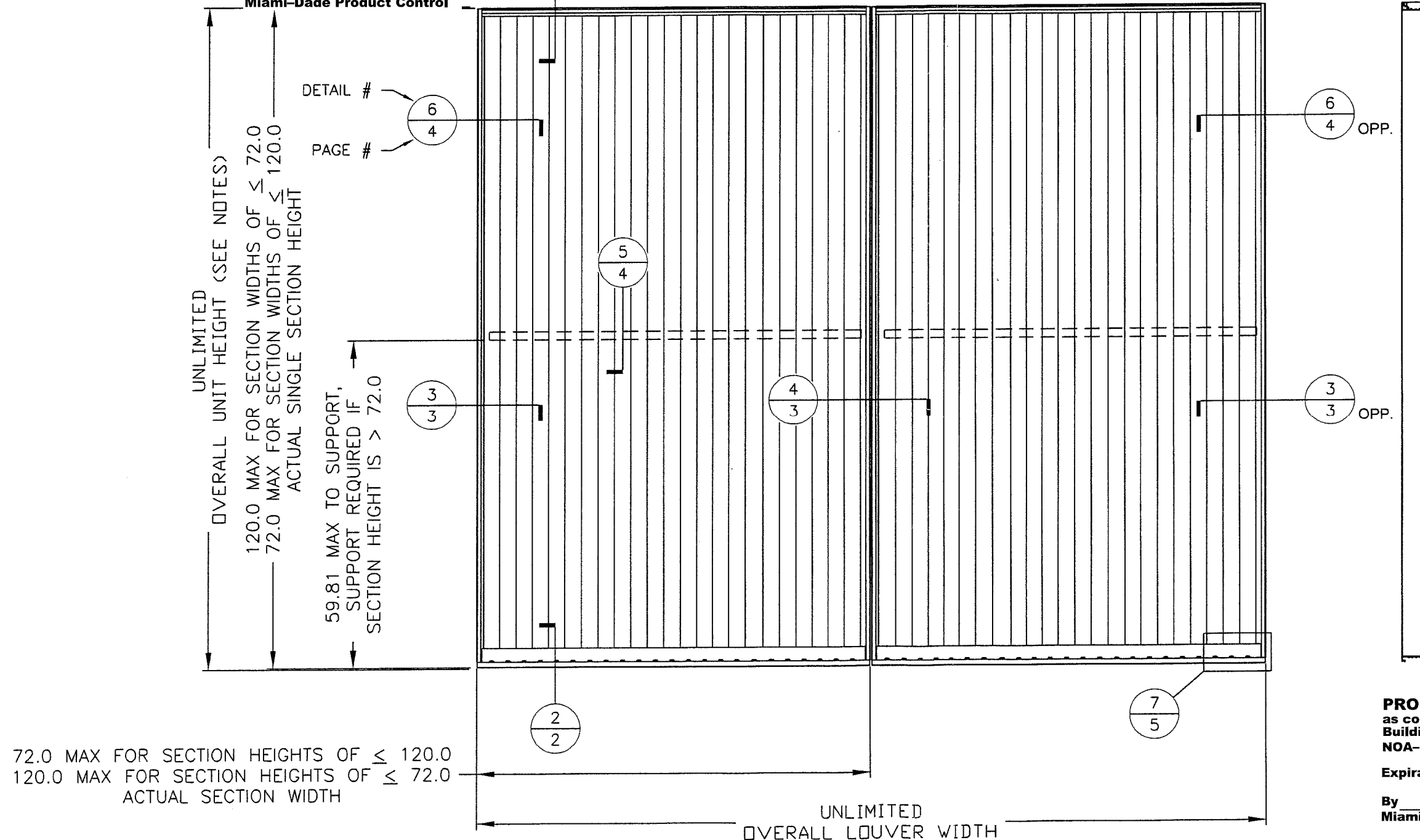
1. Notice of Acceptance No. **21-0526.15**, issued to The Airolite Company, LLC for their Model SCV501MD Aluminum Louver, approved on 08/12/21 and expiring on 08/06/25.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-1030.07
Expiration Date: August 06, 2025
Approval Date: December 14, 2023

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 20-0602.03
Expiration Date 08/06/2025
By R. Torres
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0526.15
Expiration Date 08/06/2025
By Ishag I. Chande
Miami-Dade Product Control

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. 23-1030.07
Expiration Date: 08/06/2025
By: Manuel Perez
Miami-Dade Product Control



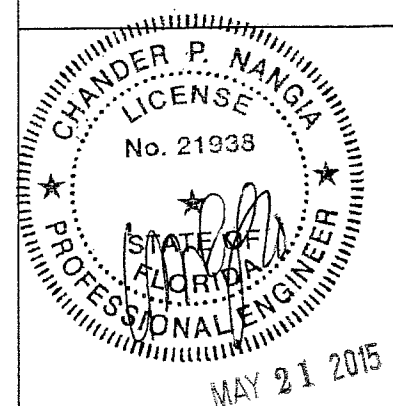
NOTES:

- SINGLE-WIDE BY MULTI-HIGH ASSEMBLIES ARE PERMITTED AS LONG AS EACH SECTION'S HEIGHT/WIDTH ARE WITHIN THE ALLOWABLE MAXIMUMS, AND HEAD/SILL MOUNTING IS FOLLOWED AS SHOWN HEREIN.
- MULTI-WIDE BY SINGLE-HIGH ASSEMBLIES ARE PERMITTED AS LONG AS EACH SECTION'S HEIGHT/WIDTH ARE WITHIN THE ALLOWABLE MAXIMUMS, AND HEAD/SILL MOUNTING IS FOLLOWED AS SHOWN HEREIN. MULLION SPACING IS 72.25 MAX ON CENTER.
- MULTI-WIDE BY MULTI-HIGH ASSEMBLIES ARE PERMITTED AS LONG AS THE ABOVE TWO NOTES ARE FOLLOWED, AND THERE IS SUITABLE LOAD-BEARING STRUCTURE (BY OTHERS) AT EACH SECTION'S HEAD/SILL LOCATION AND HEAD/SILL MOUNTING IS FOLLOWED AS SHOWN HEREIN.

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715-359-6171

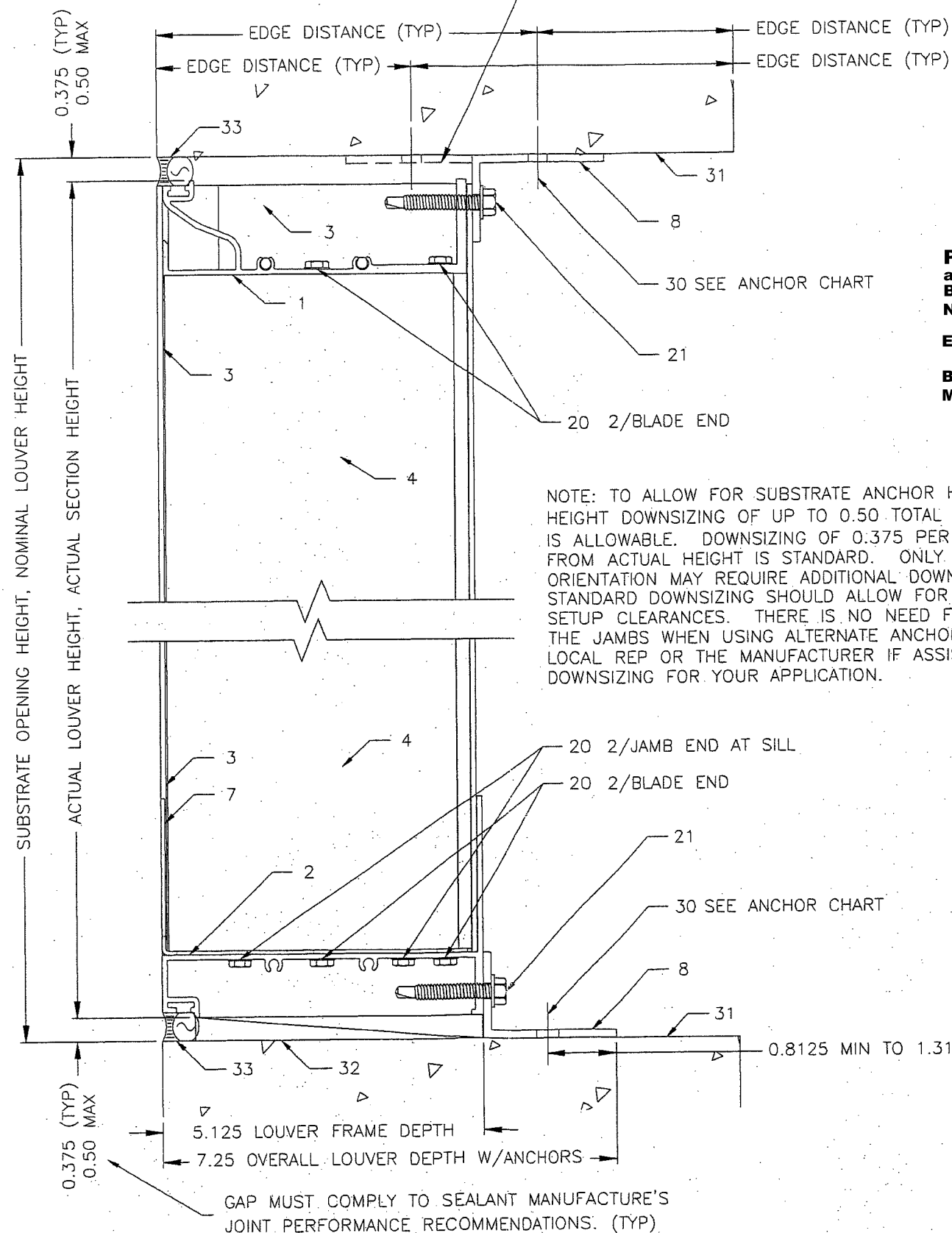
SCV501MD
NOA DRAWINGS
ELEVATION

Approved as complying with the
Florida Building Code
Date 08/06/2015
NOA# 15-0415.06
Miami-Dade Product Control
By [Signature]



DETAIL # 1 2 PAGE # **HEAD DETAIL**

ALTERNATE ORIENTATION OF ITEM 8, HEAD OR SILL, SEE DOWNSIZING NOTE



2 2 **SILL DETAIL**

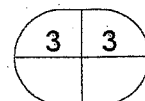
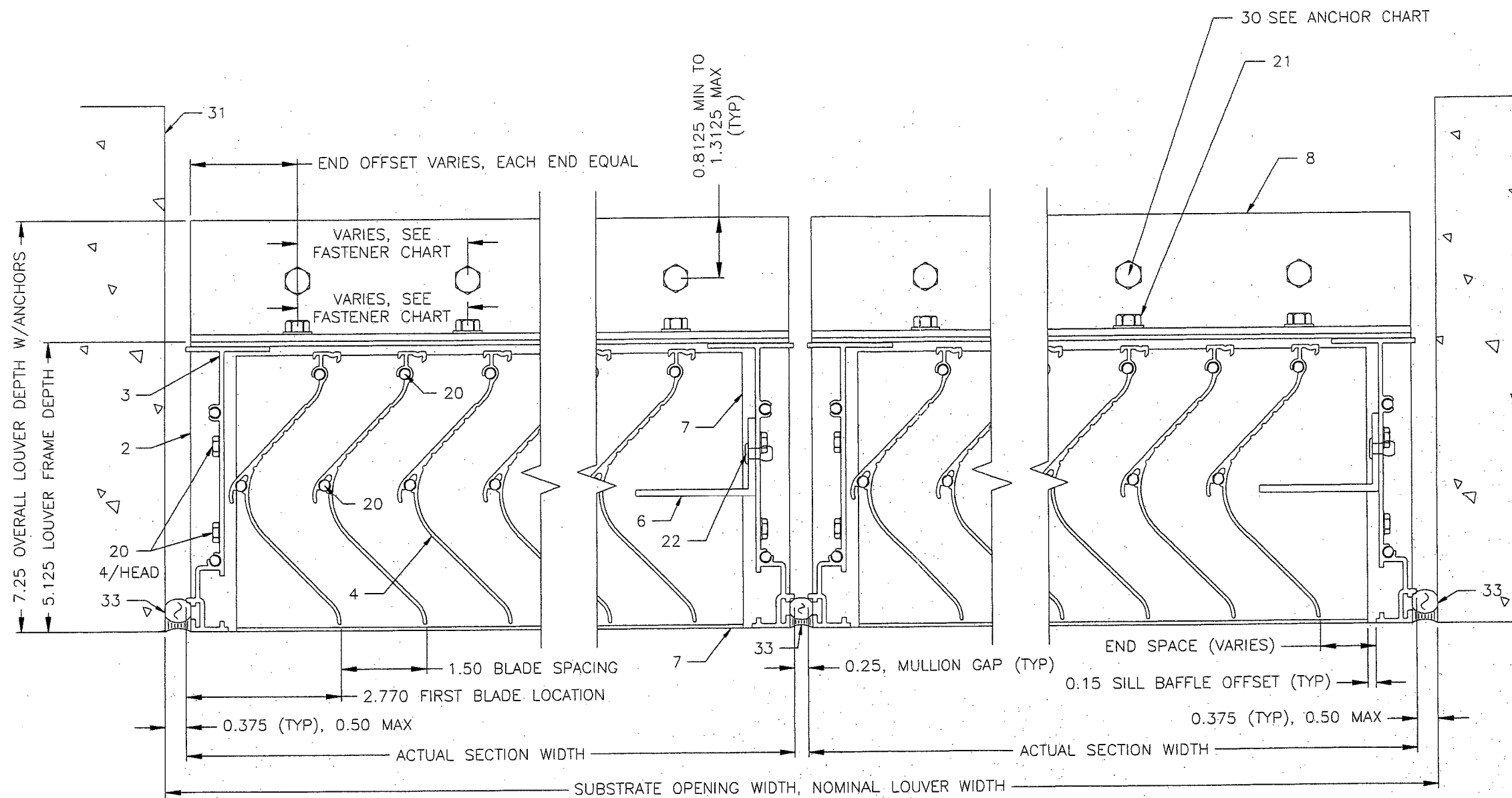
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-1030.07**
Expiration Date: **08/06/2025**
By: Manuel Perez
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **21-0526.15**
Expiration Date **08/06/2025**
By Ishaq I. Chanda
Miami-Dade Product Control

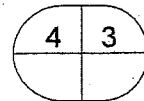
PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. **20-0602.03**
Expiration Date **08/06/2025**
By R. P. [Signature]
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **19-0116.04**
Expiration Date **08/06/2020**
By [Signature]
Miami-Dade Product Control

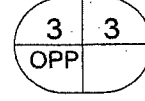
DRAWN BY MES	DATE 4/1/15	SHEET NO. 2 OF 9	CAD DRAWING NO. SCV501MD
	SCALE		
AIROLITE The look that works. SCHOFIELD, WISCONSIN 54476 715-359-6171		TITLE SCV501MD NOA DRAWINGS DETAILS	
<div style="text-align: center;"> APR 07 2015 </div>			
Approved as complying with the Florida Building Code Date <u>08/06/2015</u> NOA# <u>15-0415.06</u> Miami Dade Product Control By <u>[Signature]</u>			



JAMB DETAIL



MULLION DETAIL



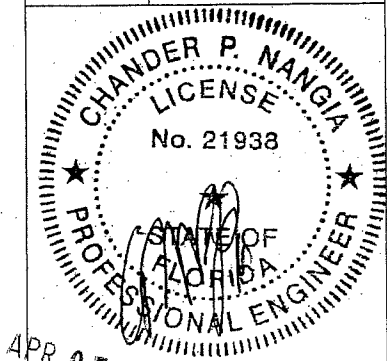
JAMB DETAIL (OPP)

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-1030.07**
Expiration Date: **08/06/2025**
By: *Manuel Perez*
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **21-0526.15**
Expiration Date **08/06/2025**
By: *Ismael I. Chanda*
Miami-Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. **20-0602.03**
Expiration Date **08/06/2025**
By: *Ismael I. Chanda*
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **19-0116.04**
Expiration Date **08/06/2020**
By: *Ismael I. Chanda*
Miami-Dade Product Control



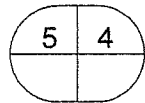
Approved as complying with the
Florida Building Code
Date **08/06/2015**
NOA# **15-0415.06**
Miami-Dade Product Control
By: *Ismael I. Chanda*

DRAWN BY MES	DATE 4/1/15
SCALE	
SHEET NO. 3 OF 9	
CAD DRAWING NO. SCV501MD	

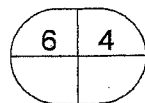
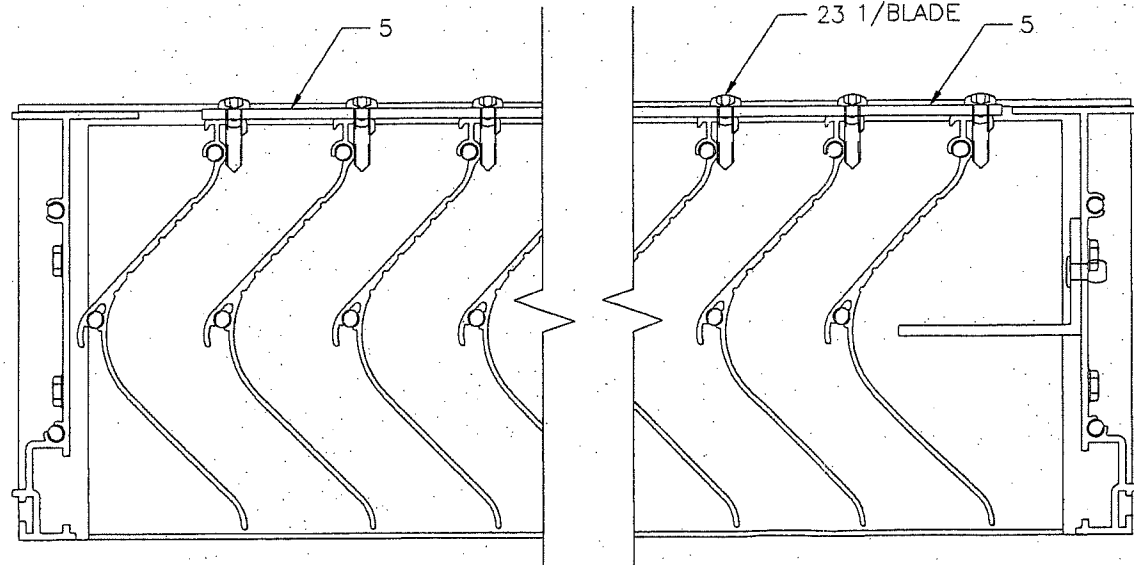
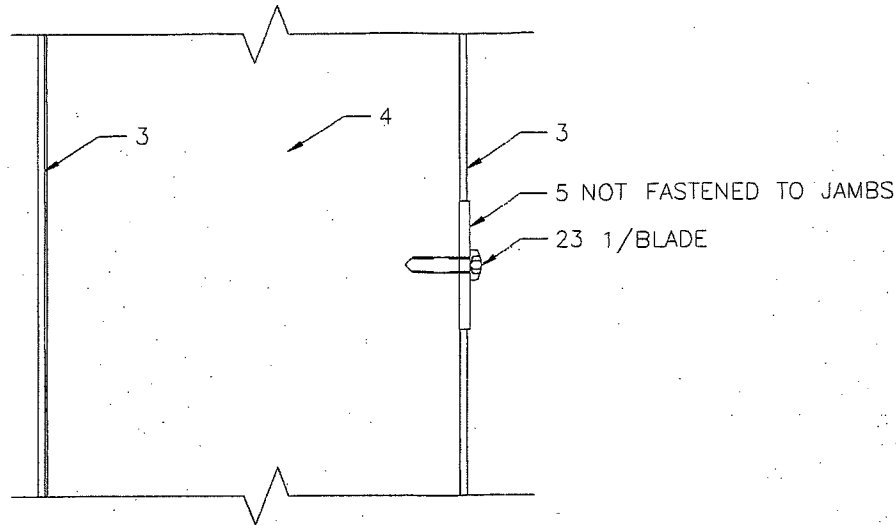
AIROLITE
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715-359-6171

TITLE
SCV501MD
NOA DRAWINGS
DETAILS

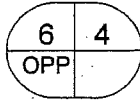
THIS PAGE DEPICTS DETAILS OF THE SUPPORT STRAP ONLY, SEE PAGE D2 FOR OTHER ITEMS



BLADE STRAP DETAIL
WHEN SECTION HEIGHT > 72.0"



BLADE STRAP AT JAMB DETAIL
WHEN SECTION HEIGHT > 72.0"



BLADE STRAP AT JAMB DETAIL (OPP)
WHEN SECTION HEIGHT > 72.0"

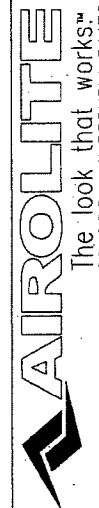
PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-1030.07**
Expiration Date: **08/06/2025**
By: Manuel Perez
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **21-0526.15**
Expiration Date **08/06/2025**
By Ishag I. Chande
Miami-Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. **20-0602.03**
Expiration Date **08/06/2025**
By R. P. Ferra
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **19-0116.04**
Expiration Date **08/06/2020**
By R. P. Ferra
Miami-Dade Product Control

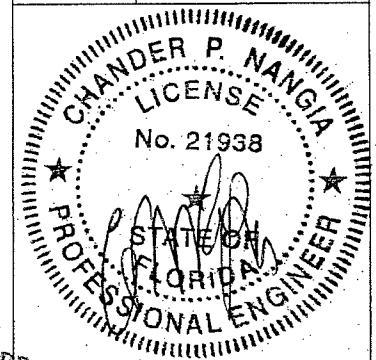
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SCALE			
SHEET NO.	4 OF 9		
CAD DRAWING NO.	SCV501MD		



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715-359-6171

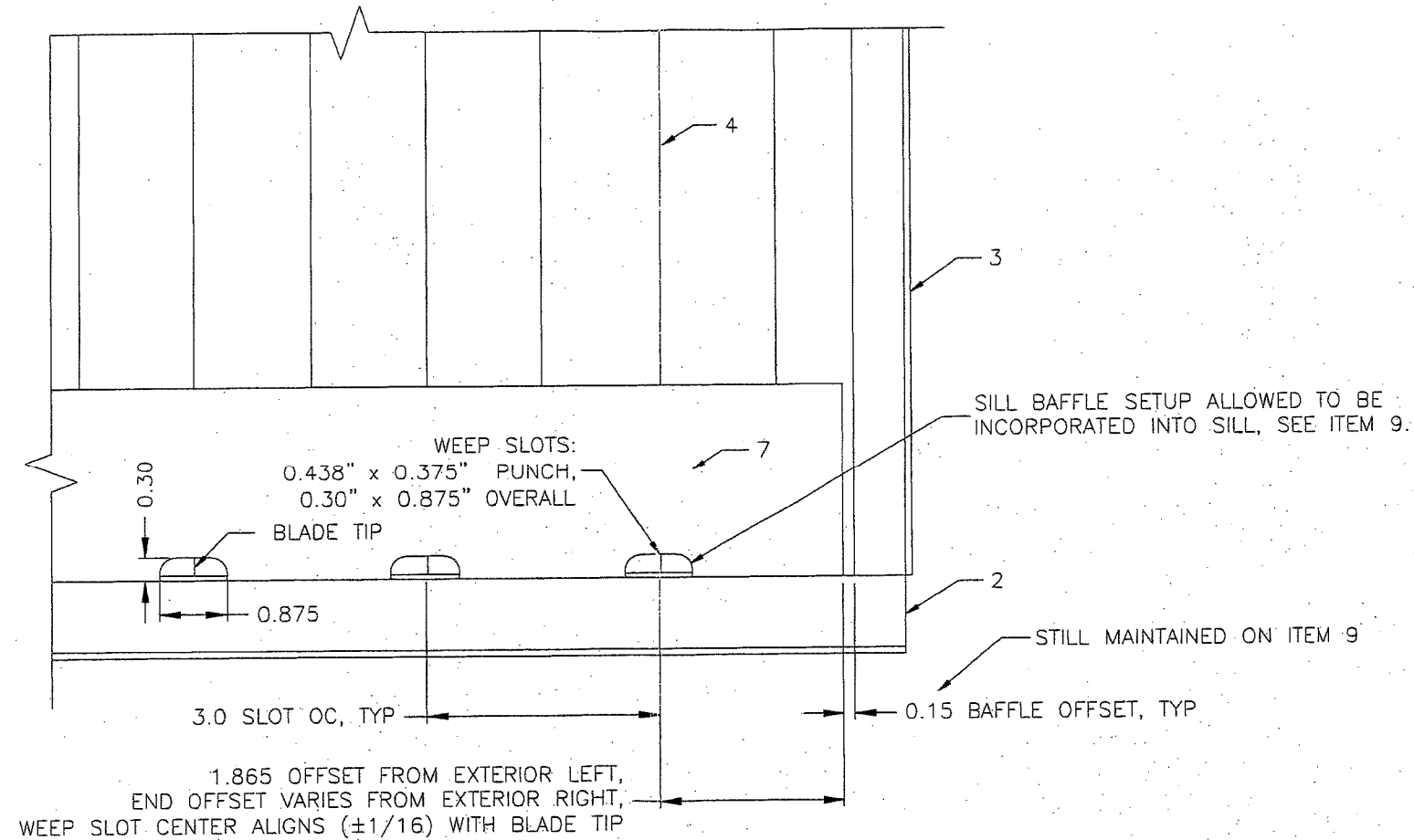
SCV501MD
NOA DRAWINGS
DETAILS

TITLE



APR 07 2015

Approved as complying with the
Florida Building Code
Date 08/06/2015
NOA 15-0415.06
Miami Dade Product Control
By R. P. Ferra



7 5 BAFFLE/WEEP DETAIL

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. 23-1030.07
Expiration Date: 08/06/2025
By: Manuel Perez
Miami-Dade Product Control

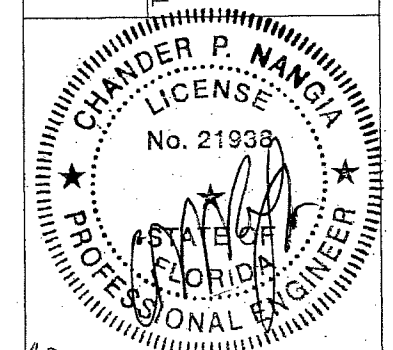
PRODUCT REVISED
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By: Ishag I. Chande
Miami-Dade Product Control

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By: [Signature]
Miami-Dade Product Control

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By: [Signature]
Miami-Dade Product Control

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NOA# 15-0415.06
Miami Dade Product Control
By: [Signature]

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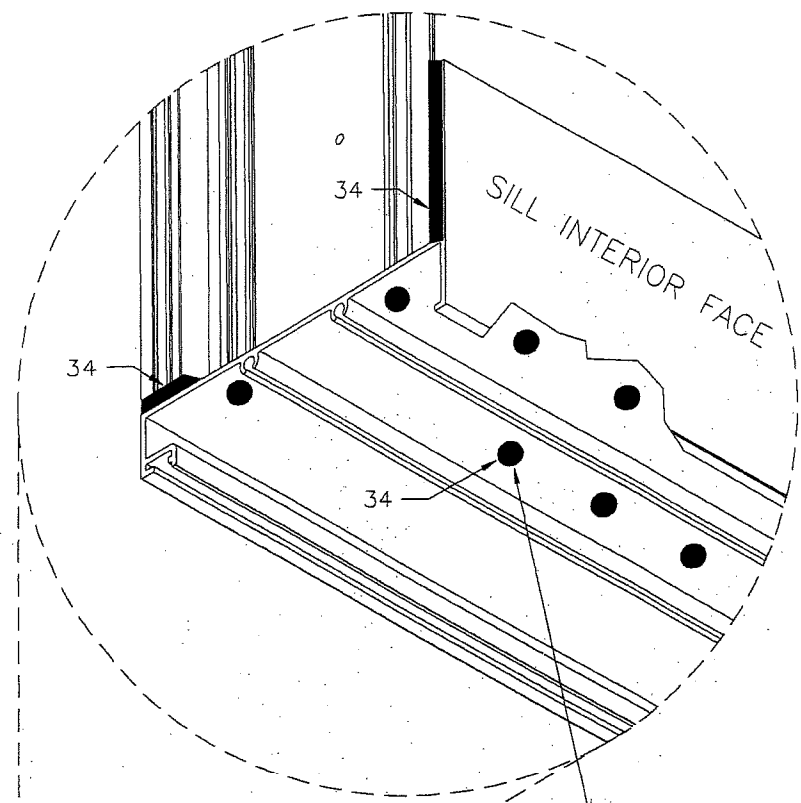
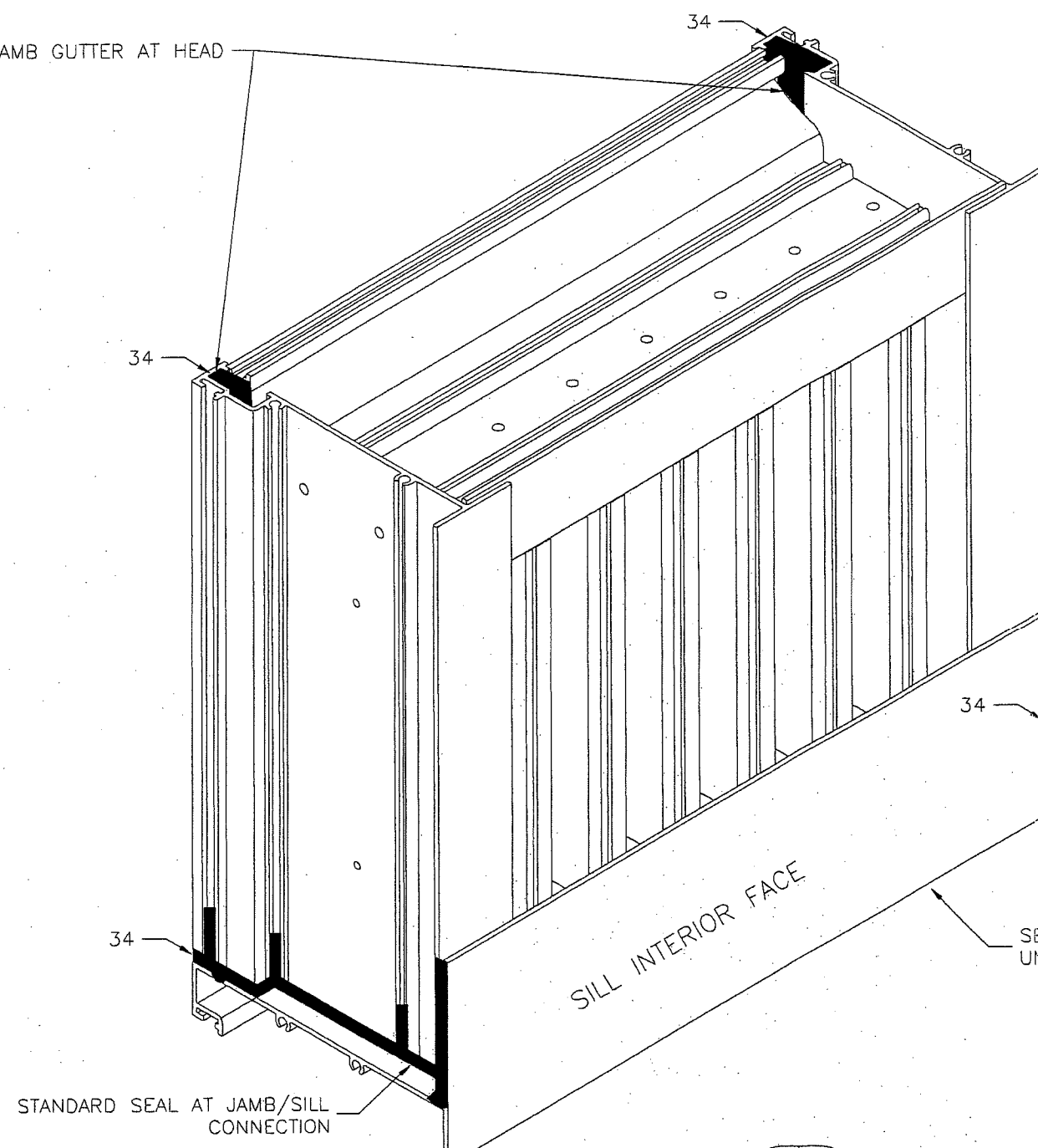


APR 07 2015

DRAWN BY: MES
DATE: 4/1/15
SCALE:
SHEET NO.: 5 OF 9
CAD DRAWING NO.: SCV501MD

SCV501MD
NOA DRAWINGS
DETAILS

SEAL JAMB GUTTER AT HEAD



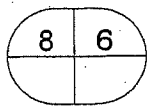
SEAL ALL FASTENERS
UNDER SILL

SEAL ALL FASTENERS
UNDER SILL PER CHART

STANDARD SEAL AT JAMB/SILL
CONNECTION

SILL INTERIOR FACE

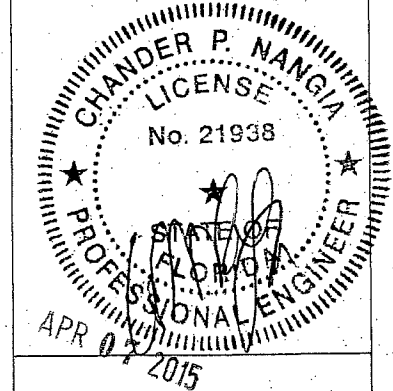
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Miami-Dade Product Control



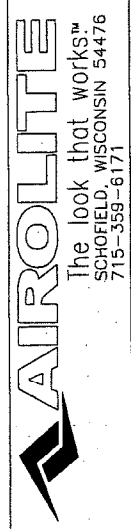
FACTORY SEALING DETAIL

PRODUCT RENEWED
as complying with the Florida
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NOA-No. 20-0602.03
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By: R. P. [Signature]
Miami-Dade Product Control

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Miami-Dade Product Control

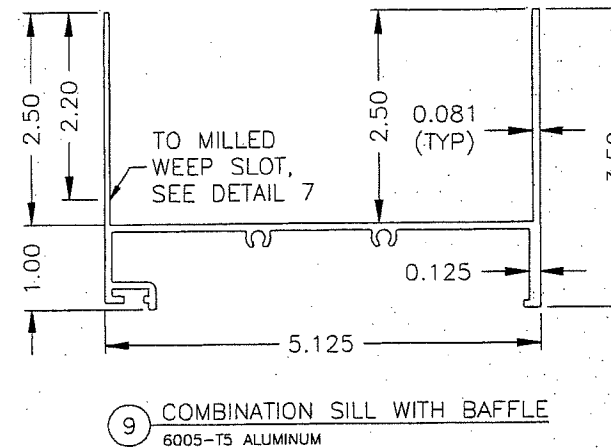
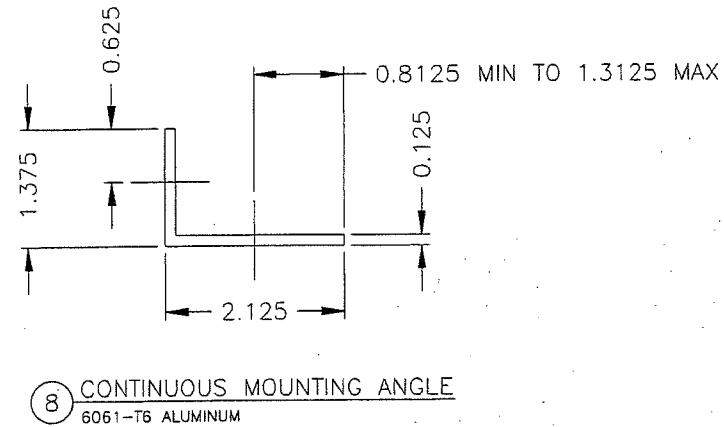
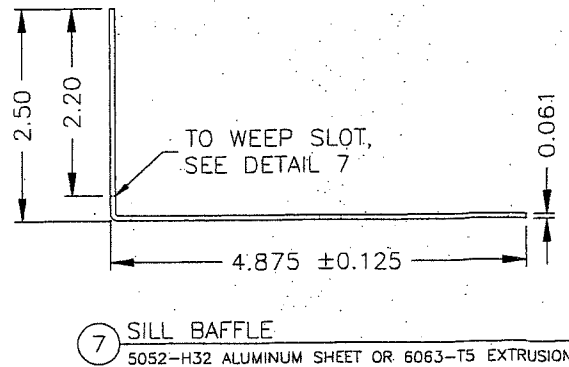
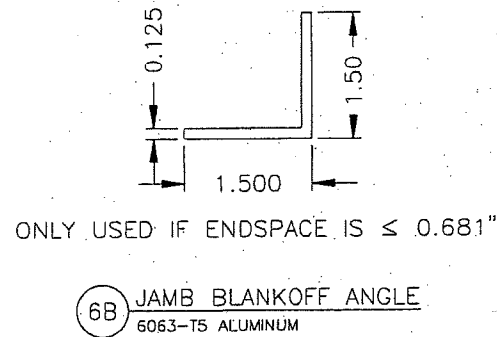
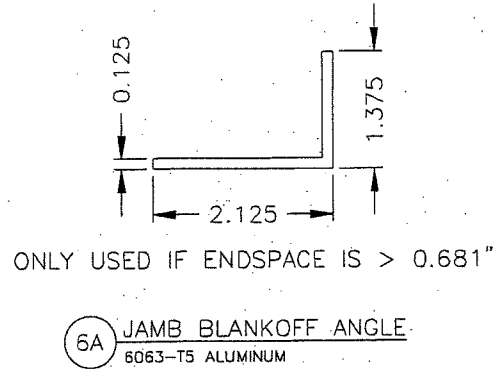
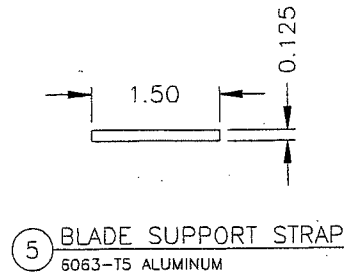
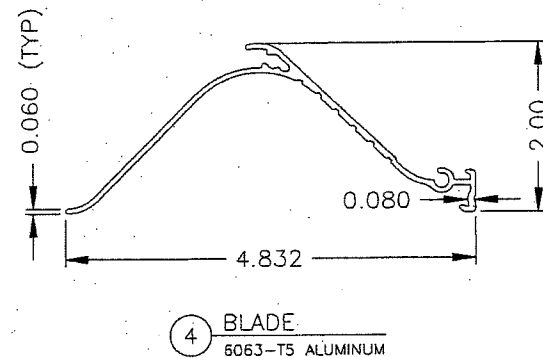
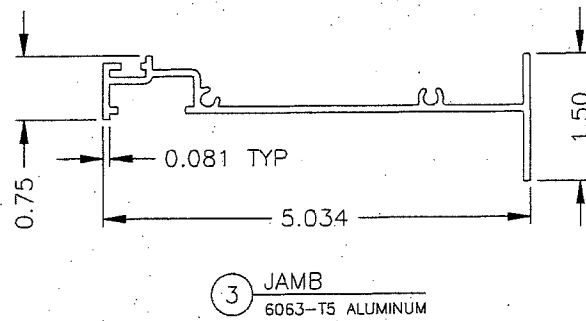
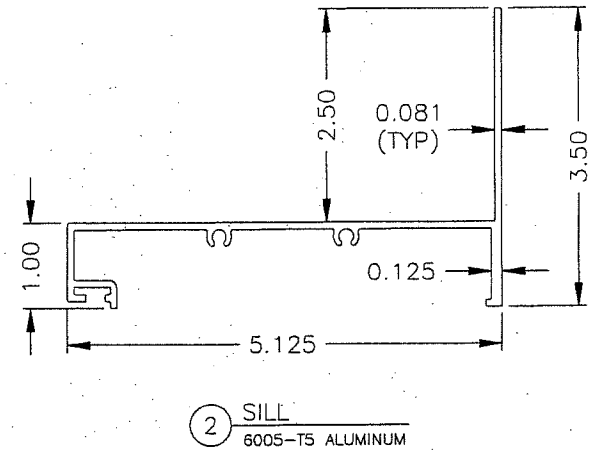
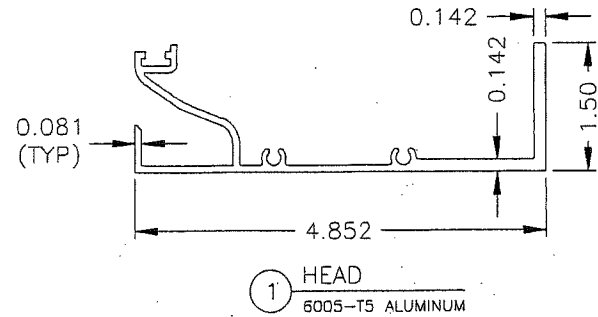


Approved as complying with the
Florida Building Code
Date 08/06/2015
NOA# 15-0415.06
Miami Dade Product Control
By: [Signature]



SCV501MD
NOA DRAWINGS
DETAILS

DRAWN BY	MES	DATE	4/1/15
SCALE			
SHEET NO.	6 OF 9		
CAD DRAWING NO.	SCV501MD		



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **21-0526.15**
Expiration Date **08/06/2025**
By Ishaq I. Chande
Miami-Dade Product Control

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AIROLITE The look that works. SM SCHOFIELD, WISCONSIN 54476 715-359-6171	DRAWN BY MES	DATE 4/1/15
	SCALE	
TITLE SCV501MD NOA DRAWINGS PART PROFILES	SHEET NO. 7 OF 9	
	CAD DRAWING NO.	SCV501MD

CHANDER P. NANGIA
LICENSE
No. 21938
PROFESSIONAL ENGINEER
APR 07 2015

Approved as complying with the
Florida Building Code
Date 08/06/2015
NOA# 15-0415.06
Miami-Dade Product Control
By R. Torres

ITEM	DESCRIPTION	MATERIAL	INTERNAL ID#	NOTES
1	HEAD	6005-T5 ALUM	126069	
2	SILL	6005-T5 ALUM	126070	
3	JAMB	6063-T5 ALUM	126015	
4	BLADE	6063-T5 ALUM	126016	1.5" CENTERS/SPACING
5	BLADE SUPPORT STRAP	6063-T5 ALUM	130311	REQUIRED IF SECTION HEIGHT IS > 72.0", NOT FASTENED TO JAMBS
6	JAMB BLANKOFF ANGLE	6063-T5 ALUM	125151 OR 125967	ONLY ON RIGHT JAMB (FROM EXTERIOR VIEW)
7	SILL BAFFLE	5052-H32 ALUM	NA	EXTRUDED ANGLE ALLOWED
8	CONTINUOUS MOUNTING ANGLE	6061-T6 ALUM	125967	AT HEAD AND SILL ONLY
9	COMBINATION SILL WITH BAFFLE	6005-T5 ALUM	NA	ALLOWED TO REPLACE ITEMS 2 AND 7
--	--	--	--	--
20	#10-16 x 2.25" SCREW	300 SERIES SS	416351	AT FRAME CORNERS AND BLADE ENDS
21	1/4-20 x 1.5" SCREW, HILTI KWIK FLEX, PROVIDED BY LOUVER MANUFACTURER	COATED STEEL	416581	5.0" MAX CENTERS IF SECTION HEIGHT IS ≤ 72"
				3.0" MAX CENTERS IF SECTION HEIGHT IS ≤ 120"
22	3/16" Ø RIVET	300 SERIES SS	416588	ONLY ON ITEM 6 AT 8" MAX CENTERS
23	#10-16 x 0.75" SCREW	300 SERIES SS	416108	ONLY ON ITEM 5, ONE PER BLADE
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30	SUBSTRATE FASTENER, SEE ANCHOR CHART	300/400 SS, OR COATED STEEL	NA	BY OTHERS, MINIMUM OF ONE TYPE REQUIRED, SEE ANCHOR CHART FOR ADDITIONAL DETAILS
31	SUBSTRATE, GROUT FILLED CMU	GROUT FILLED CMU	NA	BY OTHERS, MINIMUM OF ONE TYPE REQUIRED, SEE ANCHOR CHART FOR ADDITIONAL DETAILS
	SUBSTRATE, CONCRETE	CONCRETE		
	SUBSTRATE, STEEL STUD	STEEL		
	SUBSTRATE, STRUCTURAL STEEL	STEEL		
	SUBSTRATE, WOOD	WOOD		
	SUBSTRATE, ALUMINUM	ALUMINUM		
32	SHIM, NON-COMPRESSIBLE	VARIOUS	-	BY OTHERS, OPTIONAL, AS NEEDED
33	SEALANT & BACKER ROD	VARIOUS	-	BY OTHERS, REQUIRED TO PASS AMCA 550
34	SEALANT, FACTORY APPLIED	VARIOUS	NA	FACTORY APPLIED

GENERAL NOTES:

1. IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER TO VERIFY THE STRUCTURAL INTEGRITY OF THE EXISTING STRUCTURE TO SUPPORT THE LOADS IMPOSED BY THE LOUVER ASSEMBLY. THE LOUVER MANUFACTURER DOES NOT DETERMINE THE STRUCTURAL INTEGRITY OF THE SUBSTRATE STRUCTURE.

2. THIS LOUVER HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH MIAMI-DADE COUNTY PROTOCOLS [AND QUALIFIED IN ACCORDANCE WITH THE CURRENT FLORIDA BUILDING CODE (FBC) AND TEST PROTOCOLS/STANDARDS]

TAS-201 (LARGE MISSILE IMPACT TEST)
TAS-202 (UNIFORM STATIC WIND PRESSURE TEST)
TAS-203 (UNIFORM CYCLIC WIND PRESSURE TEST)
ANSI/AMCA STANDARD 550 (HIGH VELOCITY WIND DRIVEN RAIN TEST)

3. THIS LOUVER HAS BEEN DESIGNED, TESTED, AND APPROVED TO WITHSTAND DESIGN PRESSURES OF UP TO AND INCLUDING +/-130 PSF.

4. DUE TO PASSING ANSI/AMCA STANDARD 550, THE LOUVER IS DESIGNED TO PREVENT WIND DRIVEN RAIN FROM PENETRATING THE SPACE BEHIND THE LOUVER. AS SUCH, THE LOUVER MAY BE INSTALLED IN A LOCATION WHERE THE SPACE/ROOM BEHIND THE LOUVER IS NOT DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM OR THE ROOM WILL HOUSE NON-WATER RESISTANT/PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES.

5. THE MAXIMUM SINGLE SECTION SIZE IS 120 WIDE BY 72 HIGH OR 72 WIDE BY 120 HIGH. THE MAXIMUM OVERALL/ASSEMBLED SIZE IS UNLIMITED WIDE BY USE OF MULTIPLE SECTIONS. SECTIONS/ASSEMBLIES MAY BE STACKED VERTICALLY PROVIDED THERE IS SUITABLE STRUCTURAL SUPPORT (DESIGNED AND INSTALLED BY OTHERS) TO SUPPORT ALL LOADS TRANSFERRED FROM THE LOUVER HEAD AND/OR SILL MOUNTING ANGLES TO THE SUBSTRATE.

6. GENERAL LOUVER CONSTRUCTION: HEAD, SILL, JAMBS, AND BLADES ARE EXTRUDED ALUMINUM. BLADE SPACING IS 1.5 INCHES. BLADES ARE SECURED TO THE HEAD/SILL WITH (2) SCREWS PER BLADE END. HEAD IS SECURED TO THE JAMB WITH (2) SCREWS PER HEAD END. SILL IS SECURED TO THE JAMB WITH (2) SCREWS PER SILL END. BLADE SUPPORT STRAP IS SECURED TO BLADES BY (1) SCREW PER BLADE. BLADE SUPPORT STRAP IS REQUIRED IF ACTUAL LOUVER HEIGHT IS > 72 INCHES.

7. INSTALLER TO PROVIDE SEPARATION OF DISSIMILAR MATERIALS AS REQUIRED. SEE FL BLDG CODE SECTION 2003.8.4 FOR DETAILS.

8. ALL ALUMINUM, STAINLESS STEEL (SS), AND PLATED/COATED STEEL PARTS PROVIDED BY MANUFACTURER ARE INHERENTLY CORROSION RESISTANT OR HAVE A CORROSION RESISTANT COATING.

9. STEEL/STAINLESS STEEL/ALUMINUM PARTS MAY BE MADE OUT OF ALTERNATE ALLOY THAT HAS EQUAL OR GREATER YIELD STRENGTH. PART DIMENSIONS ARE MINIMUMS UNLESS DEFINED OTHERWISE.

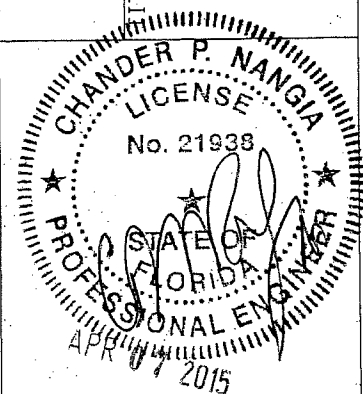
10. THE INTERNAL ID# SHOWN ON PAGE 8 IS FOR FACTORY USE AND TRACKING PURPOSES ONLY AND MAY BE UPDATED AT ANY TIME. ANY UPDATES WILL NOT ALTER THE ITEM AS DESCRIBED HEREIN.

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-1030.07**
Expiration Date: **08/06/2025**
By: Manuel Perez
Miami-Dade Product Control

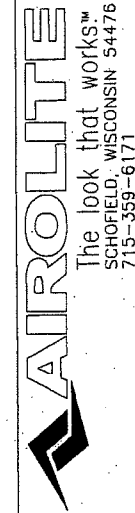
PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **21-0526.15**
Expiration Date **08/06/2025**
By Ishaq I. Chanda
Miami-Dade Product Control

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. **20-0602.03**
Expiration Date **08/06/2025**
By [Signature]
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. **19-0116.04**
Expiration Date **08/06/2020**
By [Signature]
Miami-Dade Product Control



Approved as complying with the Florida Building Code
Date 08/06/2015
NOA# 15-0415.06
Miami-Dade Product Control
By [Signature]



DRAWN BY	MES	DATE	4/1/15
SCALE		SHEET NO.	8 OF 9
CAD DRAWING NO.			SCV501MD

SCV501MD
NOA DRAWINGS
ITEM DESCRIPTIONS
& GENERAL NOTES

ITEM 31, SUBSTRATE			ITEM 30, SUBSTRATE FASTENER													
TYPE	MATERIAL MIN.	THICKNESS MIN.	TYPE (ALL FASTENERS ARE HEX HEAD STYLE)	MAT'L	DIA.	HEIGHT MAX.	SPACING MAX.	EDGE MIN.	EMBED. MIN.	WASHER/FLANGE MIN.	ANGLE HOLE MAX	SUBSTRATE HOLE, MAX.				
WOOD	G OF 0.42	3	LAG SCREW	**	1/4	72	6	1 1/2	2 7/8	NA	1/4	SEE FASTENER MANUFACTURER INSTRUCTIONS				
					3/8	120	3 *									
						72	9									
STEEL	A36	16 GA	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	**	1/4-20	72	6	3/4	SHOWN GAGE VALUE	NA	5/16	5/16, FOR USE WITH NUT CONNECTION ONLY				
		14 GA			3/8-16	120	3 *				1	13/32	3/8, FOR USE WITH NUT CONNECTION ONLY			
						72	9									
						120	6									
ALUMINUM	6063-T5	1/8	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	**	1/4-20	72	6	1/2	1/8	NA	5/16	1/4				
					3/8-16	120	3 *			3/4 AT NUT	13/32	3/8				
						72	9									
CONCRETE	3 KSI	VARIES WITH SIZE OF FASTENER USED, SEE FASTENER MANUFACTURER INSTRUCTIONS	BUILDEX TAPCON (BLUE, WHITE, OR 410 SS)	VARIES	1/4	72	6	2 1/8	1 3/4	NA	1/4	SEE FASTENER MANUFACTURER INSTRUCTIONS				
	2.3 KSI		ELCO AGGRE-GATOR	300 SS							1 1/2		1 3/4			
	2.9 KSI		ELCO ULTRACON SS4	410 SS							2 1/2		1 3/4			
	3.4 KSI		ELCO CRETE-FLEX SS4, SMALL HEAD	410 SS							1 3/4		1 3/4			
	3.4 KSI		ELCO CRETE-FLEX SS4, FLANGED HEAD	410 SS							1		1 3/4			
	2.5 KSI		POWERS 316 STAINLESS STEEL WEDGE-BOLT	316 SS							2 1/2		1 7/8			
	2 KSI		POWERS WEDGE-BOLT PLUS	STEEL							1 3/4		1 1/2			
	2 KSI		BUILDEX TAPCON (BLUE, WHITE, OR 410 SS)	VARIES							2 3/8		1 1/2			
	3 KSI		BUILDEX TAPCON (BLUE, WHITE, OR 410 SS)	VARIES							1 1/2		1 3/4			
	2.3 KSI		ELCO AGGRE-GATOR	300 SS							1 1/2		1 3/8			
	2.9 KSI		ELCO ULTRACON SS4	410 SS							2 1/2		1 3/4			
	3.4 KSI		ELCO CRETE-FLEX SS4, SMALL HEAD	410 SS							2 1/2		1 3/4			
	3.4 KSI		ELCO CRETE-FLEX SS4, FLANGED HEAD	410 SS							2 1/2		1 3/4			
	2.5 KSI		POWERS 316 STAINLESS STEEL WEDGE-BOLT	316 SS							2		1 7/8			
	2 KSI		POWERS WEDGE-BOLT PLUS	STEEL							1 1/2		1 1/2			
	2.5 KSI		POWERS 316 STAINLESS STEEL WEDGE-BOLT	316 SS							2 3/4		2 3/8			
	2 KSI		POWERS WEDGE-BOLT PLUS	STEEL	2 1/4	1 1/2										
	2.5 KSI		POWERS 316 STAINLESS STEEL WEDGE-BOLT	316 SS	1 1/4	2 3/8										
	2 KSI		POWERS WEDGE-BOLT PLUS	STEEL	1 1/8	1 1/2										
	2.5 KSI		POWERS WEDGE-BOLT PLUS	STEEL	1 3/4	2 1/8										
	GROUT FILLED CMU		NOTE 1	ELCO AGGRE-GATOR	300 SS	1/4	72	6	2		2		NA	1/4	SEE FASTENER MANUFACTURER INSTRUCTIONS	
			NOTE 2	ELCO AGGRE-GATOR	300 SS	1/4	120	3 *	2		2					
				ELCO ULTRACON SS4	410 SS	2 1/2			2							
				NOTE 3	POWERS WEDGE-BOLT PLUS	STEEL			3/8		120			6		2
	NOTE *: ALL 0.25" DIAMETER 3.0" CENTER FASTENER SETUPS (LOUVERS WITH HEIGHT < 120") CAN HAVE THEIR CENTERS INCREASED TO 5.0" AND BE USED ON A LOUVER WITH HEIGHT OF < 72" AS LONG AS NO OTHER ITEMS OF THE ORIGINAL SELECTED 0.25" DIAMETER 3.0" CENTER FASTENER SETUP CHANGE (I.E. SUBSTRATE, EMBEDMENT, ETC.).															
	NOTE **: LAG SCREWS SHALL HAVE STRENGTHS OF MINIMUM GRADE 1 STEEL, OTHER BOLT AND SCREWS SHALL HAVE STRENGTHS OF MINIMUM GRADE 2 STEEL.															
	NOTE 1: CONCRETE MASONRY (CMU) SHALL BE > THE FOLLOWING; 6" WIDE, CMU CONFORMING TO ASTM C-90 FILLED WITH 4,747 KSI GROUT.															
	NOTE 2: CONCRETE MASONRY (CMU) SHALL BE > THE FOLLOWING; 6" WIDE, 2 KSI CMU CONFORMING TO ASTM C-90 WITH 1624 KSI GROUT.															
	NOTE 3: CONCRETE MASONRY (CMU) SHALL BE > THE FOLLOWING; 6" WIDE, GRADE N, TYPE II, LIGHT-WEIGHT/MEDIUM-WEIGHT/NORMAL-WEIGHT CMU CONFORMING TO ASTM C-90. MORTAR MUST BE TYPE N.															
	<div><div><div>PRODUCT REVISED</div><div>As complying with the Florida Building Code</div><div>NOA-No. 23-1030.07</div><div>Expiration Date: 08/06/2025</div><div>By: Manuel Perez</div><div>Miami-Dade Product Control</div></div><div><div>PRODUCT REVISED</div><div>as complying with the Florida Building Code</div><div>NOA-No. 21-0526.15</div><div>Expiration Date 08/06/2025</div><div>By: Ishag I. Chandra</div><div>Miami-Dade Product Control</div></div><div><div>PRODUCT RENEWED</div><div>as complying with the Florida Building Code</div><div>NOA-No. 20-0602.03</div><div>Expiration Date 08/06/2025</div><div>By: [Signature]</div><div>Miami-Dade Product Control</div></div><div><div>PRODUCT REVISED</div><div>as complying with the Florida Building Code</div><div>NOA-No. 19-0116.04</div><div>Expiration Date 08/06/2020</div><div>By: [Signature]</div><div>Miami-Dade Product Control</div></div></div>															
	<div><div><div><div>AIROLITE</div><div>The look that works™</div><div>SCHOFIELD, WISCONSIN 54476</div><div>715-359-6171</div></div><div><div>DRAWN BY</div><div>MES</div><div>DATE</div><div>4/1/15</div></div><div><div>SCALE</div><div></div></div><div><div>SHEET NO.</div><div>9 OF 9</div></div><div><div>CAD DRAWING NO.</div><div>SCV501MD</div></div></div><div><div>TITLE</div><div>SCV501MD</div><div>NOA DRAWINGS</div><div>SUBSTRATE REQUIREMENTS</div><div>& SUBSTRATE ANCHOR CHART</div></div><div><div>Approved as complying with the Florida Building Code</div><div>Date 08/06/2015</div><div>NOA# 15-0415.06</div><div>Miami-Dade Product Control</div><div>By: [Signature]</div></div><div><div>CHANDER P. NANGIA</div><div>LICENSE</div><div>No. 21938</div><div>STATE OF FLORIDA</div><div>PROFESSIONAL ENGINEER</div><div>JUNE 18 2015</div></div></div>															