



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

The Airolite Company, LLC
P.O. 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 K6746MDE Aluminum Louver

APPROVAL DOCUMENT: Drawing No. **K6746MDE**, titled "K6746MDE NOA Drawings", sheets 1 through 9 of 9, dated 10/27/2015, prepared by Greenheck Fan Corporation, 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 bear a permanent label with the manufacturer's name or logo, city, state, 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 # **19-0516.11** 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 **Carlos M. Utrera, P.E.**



NOA No. 20-0929.09
Expiration Date: February 4, 2026
Approval Date: December 10, 2020
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 15-1109.05

A. DRAWINGS

1. Drawing No. **K6746MDE**, titled “K6746MDE NOA Drawings”, sheets 1 through 9 of 9, dated 10/27/2015, prepared by Greenheck Fan Corporation, signed and sealed by Chander P. Nangia, P.E.

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,
3) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model K6746MDE (sleeved) aluminum louvers, prepared by Architectural Testing, Inc., Test Report No. **F0132.01-602-18**, dated 10/26/2015, signed and sealed by Justin P. McDonald, P.E.
2. Test report on 1) Uniform Static Air Pressure Test per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94,
3) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model K6746MDE (non-sleeved) aluminum louvers, prepared by Architectural Testing, Inc., Test Report No. **F0133.01-602-18**, dated 08/27/2015, signed and sealed by Justin P. McDonald, P.E.

C. CALCULATIONS

1. Structural and anchors calculations prepared by Chander P. Nangia, P.E., dated 10/26/2015, signed and sealed by Chander P. Nangia, 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 compliance to the 5th edition (2014) FBC issued by Chander P. Nangia, P.E., dated 10/27/2015, signed and sealed by Chander P. Nangia, P.E.
2. Statement letter of no financial interest issued by Chander P. Nangia, P.E., dated 10/27/2015, signed and sealed by Chander P. Nangia, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 20-0929.09
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under NOA # 19-0516.11

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 compliance to the 6th edition (2017) FBC and of no financial interest issued by Chander P. Nangia, P.E., dated 05/01/2019, signed and sealed by Chander P. Nangia, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. 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

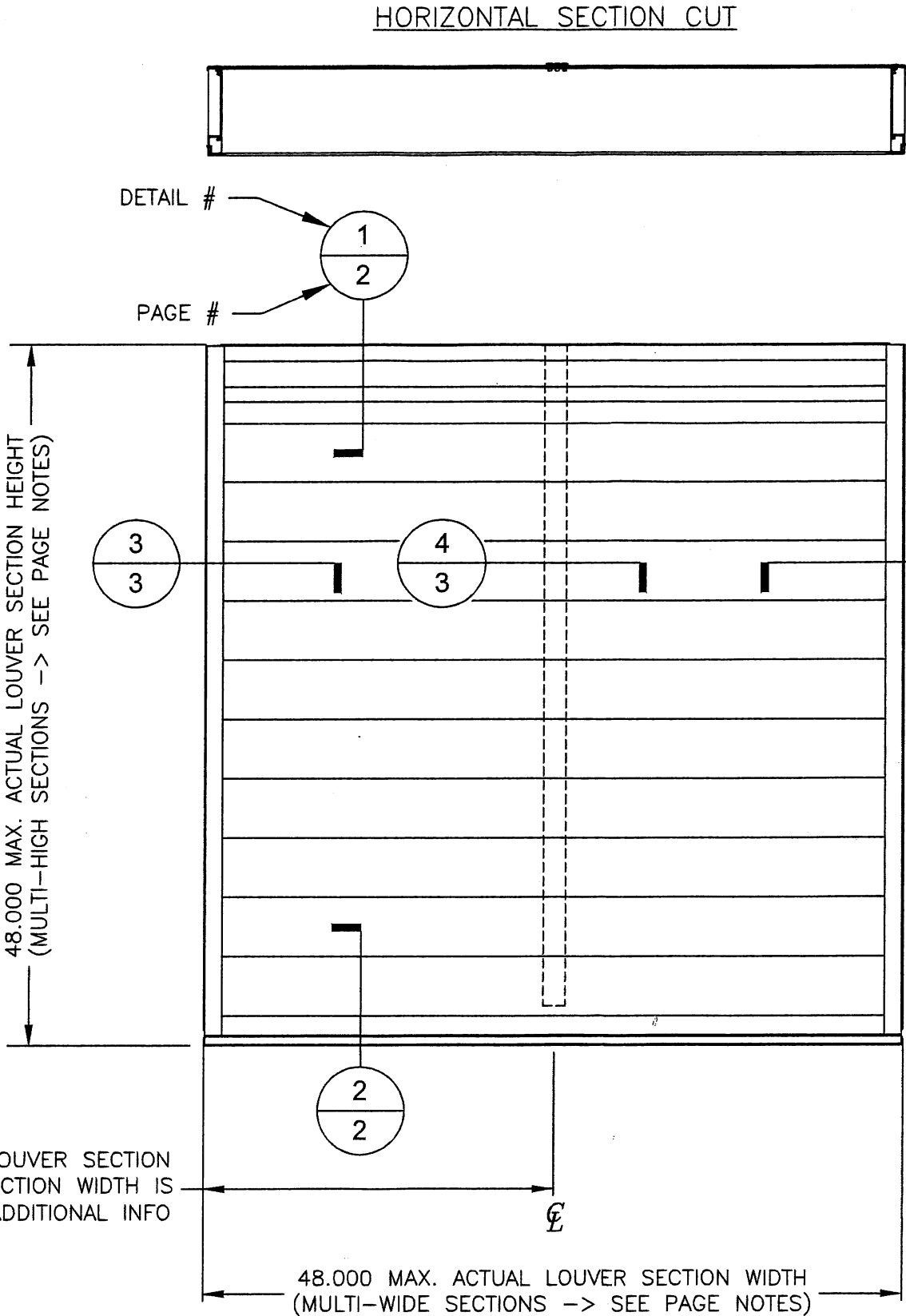
1. Statement letter of code compliance to the 6th edition (2017) and 7th edition (2020) FBC and of no financial interest issued by Chander P. Nangia, P.E., dated 08/26/2020, signed and sealed by Chander P. Nangia, P.E.



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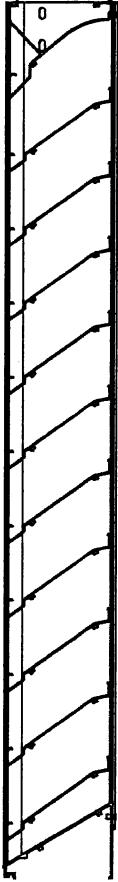
PRODUCT REVISED
as complying with the Florida
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NOA-No. 20-0929.09
Expiration Date 02/04/2026
By *[Signature]*
Miami-Dade Product Control

DIMENSION TO STRAP = ACTUAL LOUVER SECTION
WIDTH/2 (REQUIRED IF LOUVER SECTION WIDTH IS
>24.000) SEE PAGE NOTES FOR ADDITIONAL INFO



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Florida Building Code
Date 02/04/2016
NOA# 15-1104.05
Miami Dade Product Control
By *[Signature]*



VERTICAL SECTION CUT OCT 27 2015

CHANDER P. NANGIA PE
7423 HOLLOW RIDGE DR.
HOUSTON, TX 77085
FLORIDA PE # 21938



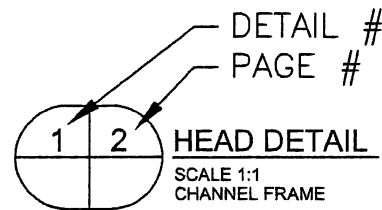
<div>The look that works™ SOUTH WISCONSIN 54476 715 841-8797</div>	DRAWN BY NAH	DATE 10/27/15
	SCALE 1:5	
	SHEET NO. 1 OF 9	
	JOB DRAWING NO. K6746MDE	
TITLE: K6746MDE NOA DRAWINGS CHANNEL FRAME ELEVATION		

• MULTI-WIDE AND/OR MULTI-HIGH ASSEMBLIES ARE PERMITTED AS-LONG-AS EACH LOUVER SECTION'S WIDTH/HEIGHT ARE WITHIN THE ALLOWABLE MAXIMUMS AND SUITABLE SUBSTRATES SURROUNDS EACH LOUVER SECTION ASSEMBLY PERIMETER AND EACH LOUVER SECTION IS INSTALLED PER DETAILS HEREIN (REFERENCE PAGES 2 & 3 OF 9).

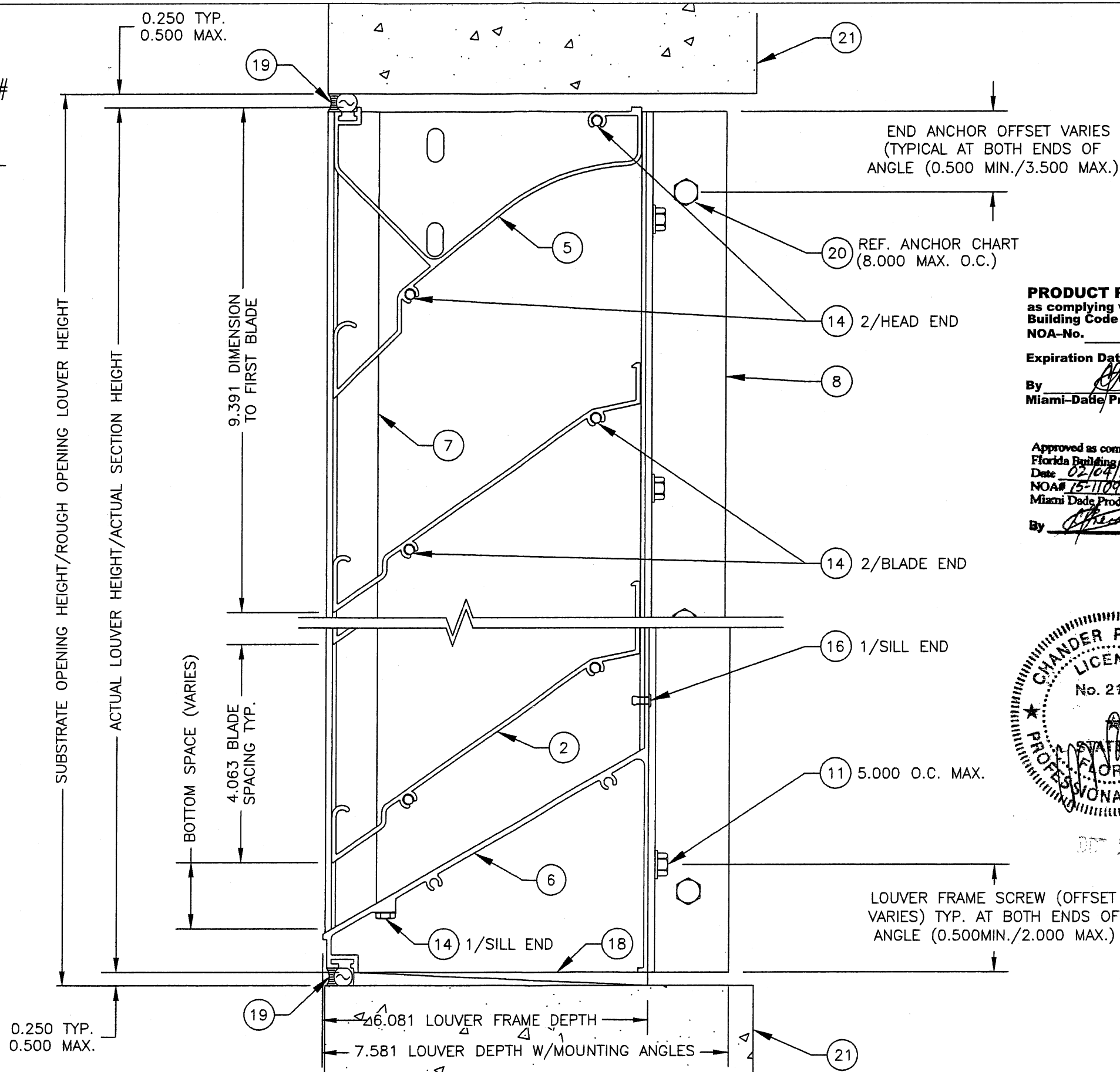
• STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s).

PAGE NOTES:

- MULTI-WIDE AND/OR MULTI-HIGH ASSEMBLIES ARE PERMITTED AS LONG-AS EACH LOUVER SECTION'S WIDTH/HEIGHT ARE WITHIN THE ALLOWABLE MAXIMUMS AND SUITABLE SUBSTRATES SURROUNDS EACH LOUVER SECTION ASSEMBLY PERIMETER AND EACH LOUVER SECTION IS INSTALLED PER DETAILS HEREIN (REFERENCE PAGES 2 & 3 OF 9).
- STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s).

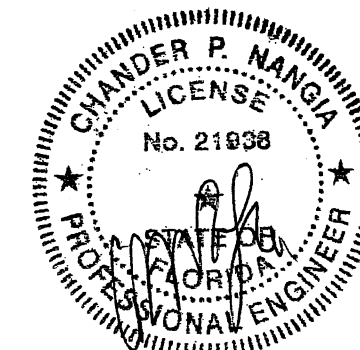


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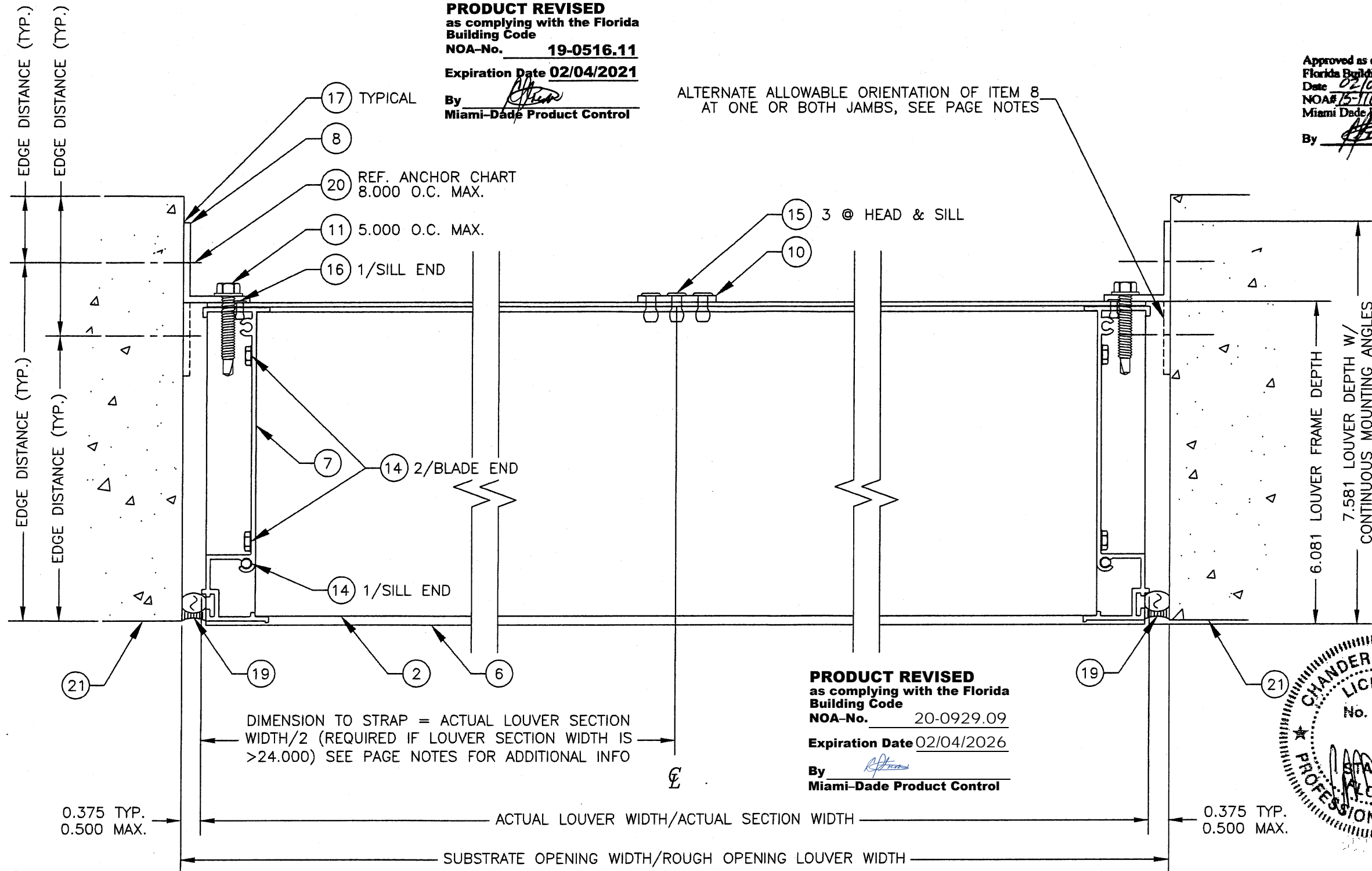


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NOA# 15-1109.05
Miami Dade Product Control
By *[Signature]*



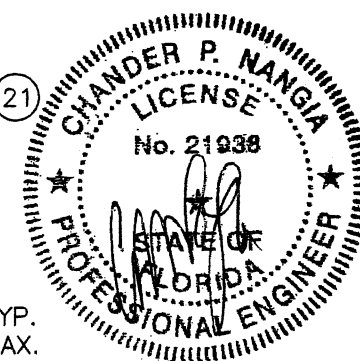
DATE	10/27/15
DRAWN BY	NAH
SCALE	1:1
SHEET NO.	2 OF 9
CAD DRAWING NO.	K6746MDE
TITLE:	K6746MDE NOA DRAWINGS CHANNEL FRAME DETAILS
PAGE NOTES:	<ul style="list-style-type: none"> STANDARD LOUVER HEIGHT DOWNSIZING IS 0.250 PER END (0.500 OVERALL TOTAL) WHEN ORDERED BASED ON ROUGH OPENING SIZING. STRAP (ITEM 10) NOT SHOWN FOR CLARITY - SEE PAGE 3 FOR DETAIL AND NOTE.



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3 3 JAMB DETAIL
 SCALE: 1:1
 CHANNEL FRAME

4 3 SUPPORT STRAP DETAIL
 SCALE: 1:1
 CHANNEL FRAME (SEE PAGE NOTES - STRAP)

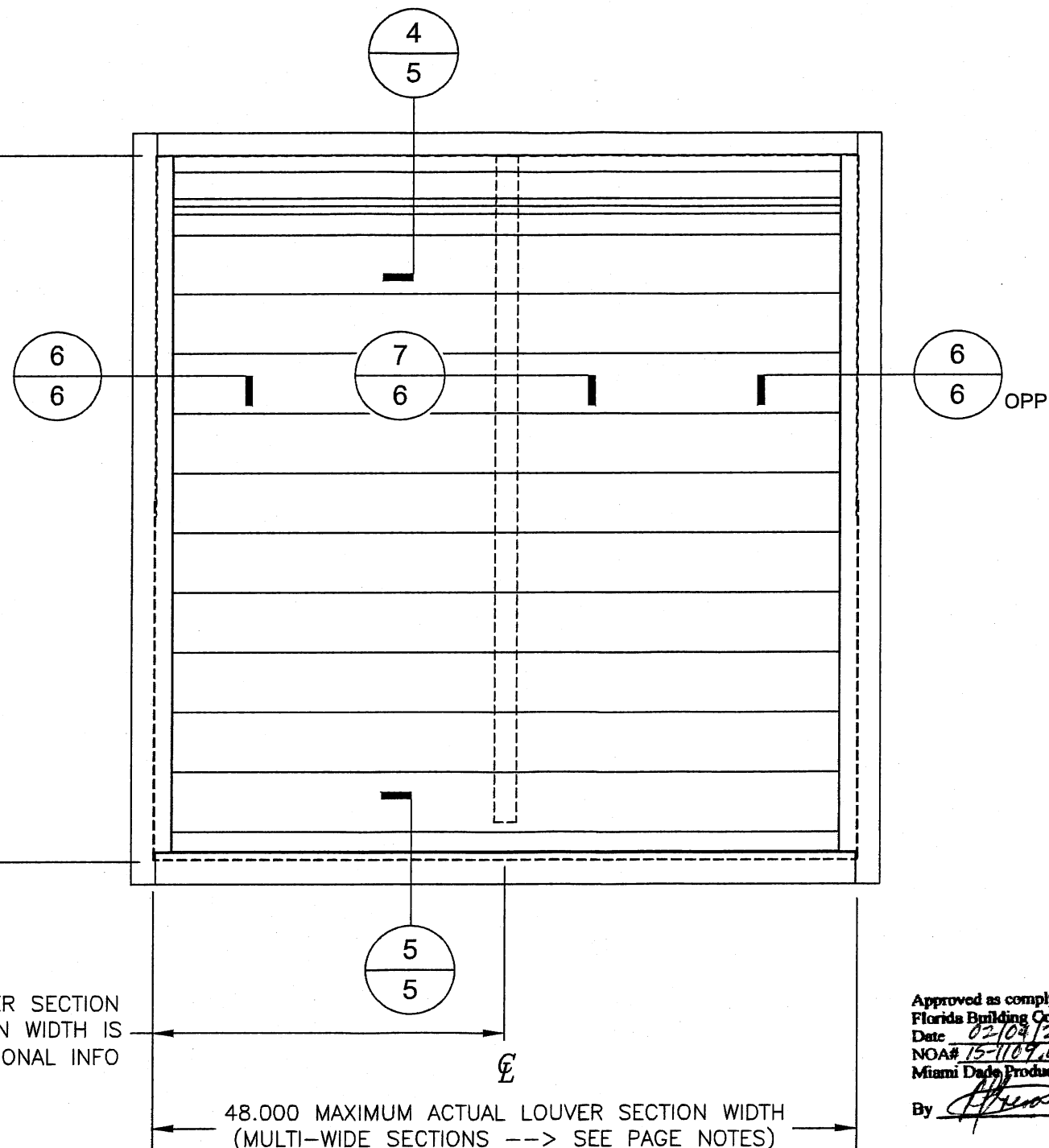
3opp. 3 JAMB DETAIL
 SCALE: 1:1
 CHANNEL FRAME

AIROLITE The look that works™ SCHOFIELD, WISCONSIN 54476 715 841 8757	DATE	10/27/15
	DRAWN BY	NAH
	SCALE	1:1
	SHEET NO.	3 OF 9
TITLE:		K6746MDE NOA DRAWINGS CHANNEL FRAME DETAILS
PAGE NOTES: • TO ALLOW FOR SUBSTRATE ANCHOR HEAD CLEARANCE, STANDARD LOUVER WIDTH DOWNSIZING IS 0.375 PER END (0.750 OVERALL TOTAL) WHEN ORDERED BASED ON ROUGH OPENING SIZING. THERE IS NO NEED FOR ADDITIONAL DOWNSIZING AT THE JAMBS WHEN USING THE ALTERNATE ANCHOR ORIENTATION. • STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s).		QAO DRAWING NO. K6746MDE

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By [Signature]
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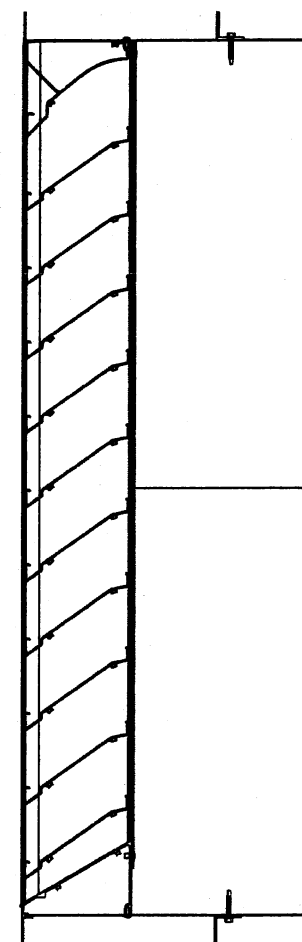
DIMENSION TO STRAP = ACTUAL LOUVER SECTION
WIDTH/2 (REQUIRED IF LOUVER SECTION WIDTH IS
>24.000) SEE PAGE NOTES FOR ADDITIONAL INFO

48.000 MAXIMUM ACTUAL LOUVER SECTION HEIGHT
(MULTI-HIGH SECTIONS --> SEE PAGE NOTES)



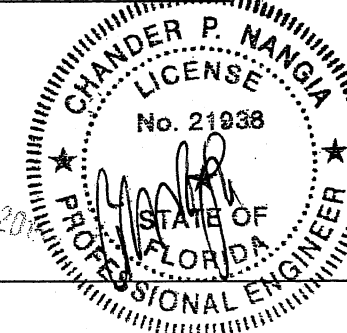
HORIZONTAL SECTION CUT

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Expiration Date 02/04/2021
By [Signature]
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VERTICAL SECTION CUT

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Florida Building Code
Date 02/04/2016
NOA# 15-1109.05
Miami-Dade Product Control
By [Signature]



- PAGE NOTES:
- MULTI-WIDE AND/OR MULTI-HIGH ASSEMBLIES ARE PERMITTED AS-LONG-AS EACH LOUVER SECTION'S WIDTH/HEIGHT ARE WITHIN THE ALLOWABLE MAXIMUMS AND SUITABLE SUBSTRATES SURROUNDS EACH LOUVER SECTION ASSEMBLY PERIMETER AND EACH LOUVER SECTION IS INSTALLED PER DETAILS HEREIN (REF. PAGES 5 & 6 OF 9).
 - STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s).



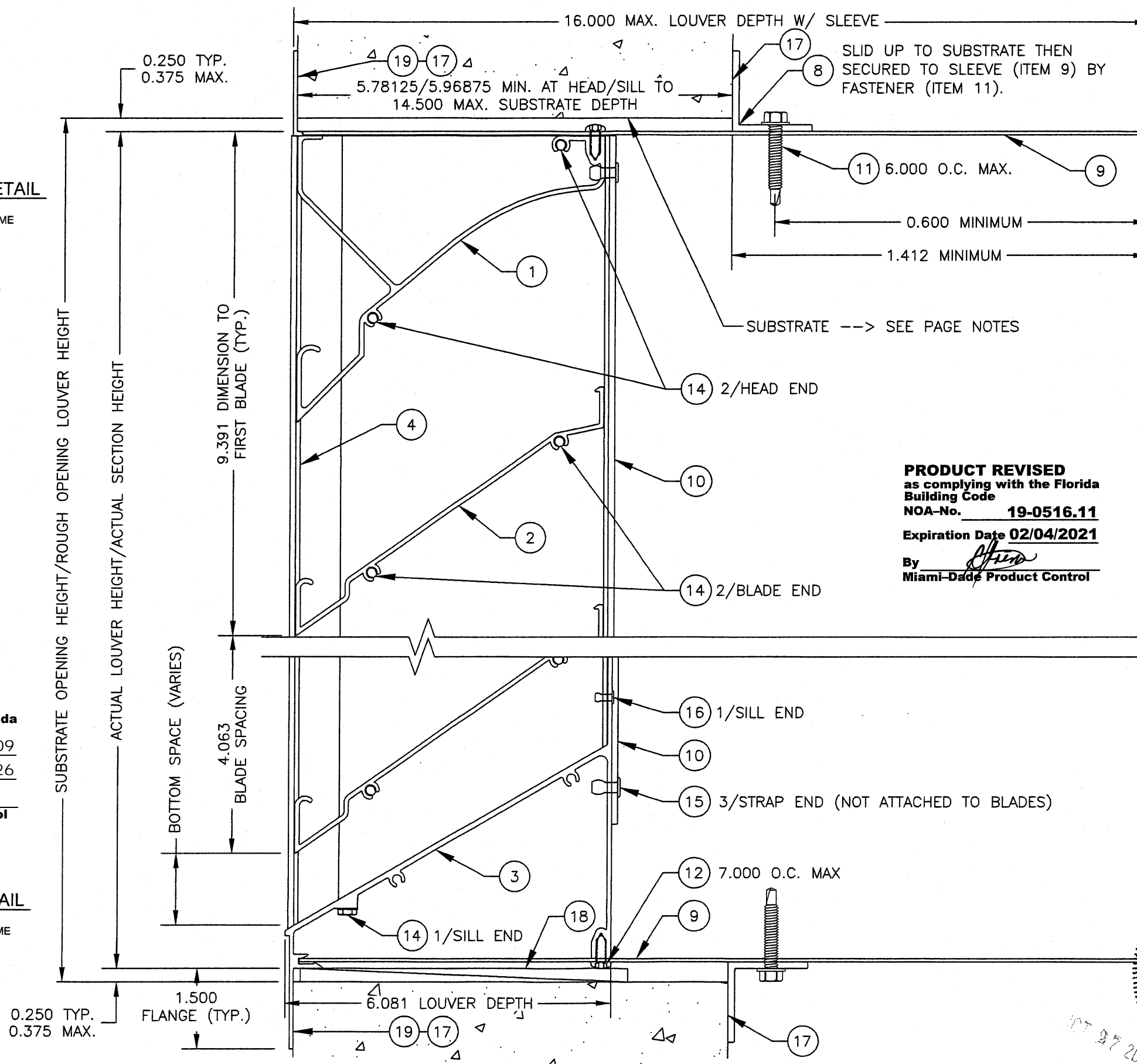
TITLE:
K6746MDE NOA DRAWINGS
SLEEVED FRAME ELEVATION

DRAWN BY	NAH	DATE	10/27/15
SCALE	1:5		
SHEET NO.	4 OF 9		
OLD DRAWING NO.	K6746MDE		

4 5 HEAD DETAIL
SCALE 1:1
SLEEVED FRAME

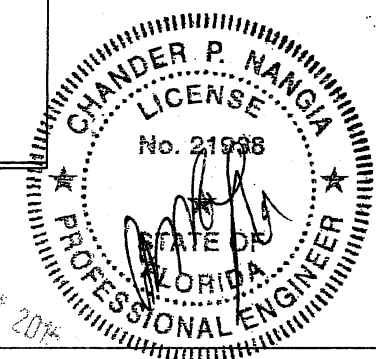
PRODUCT REVISED
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NOA-No. 20-0929.09
Expiration Date 02/04/2026
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5 5 SILL DETAIL
SCALE 1:1
SLEEVED FRAME

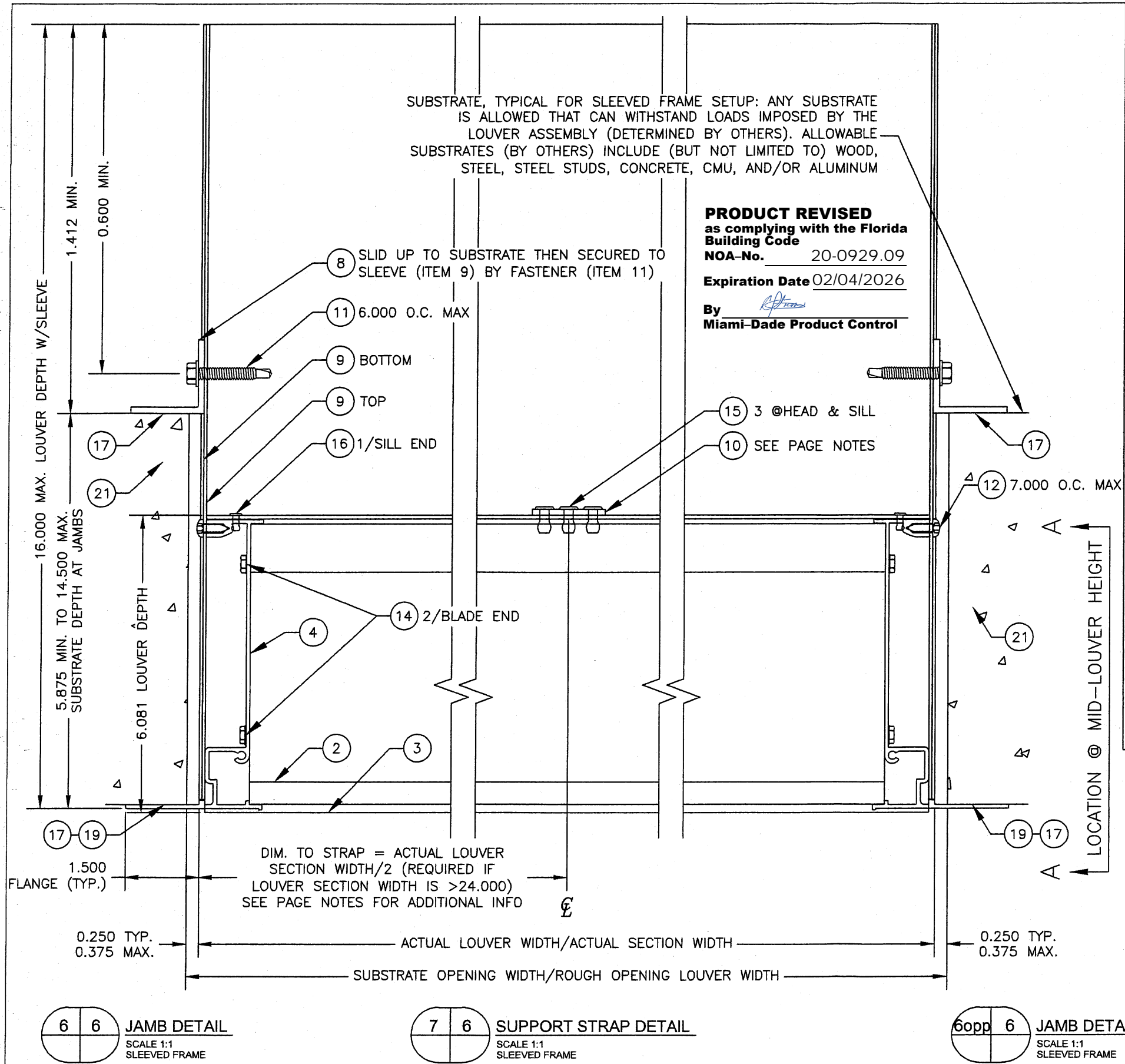


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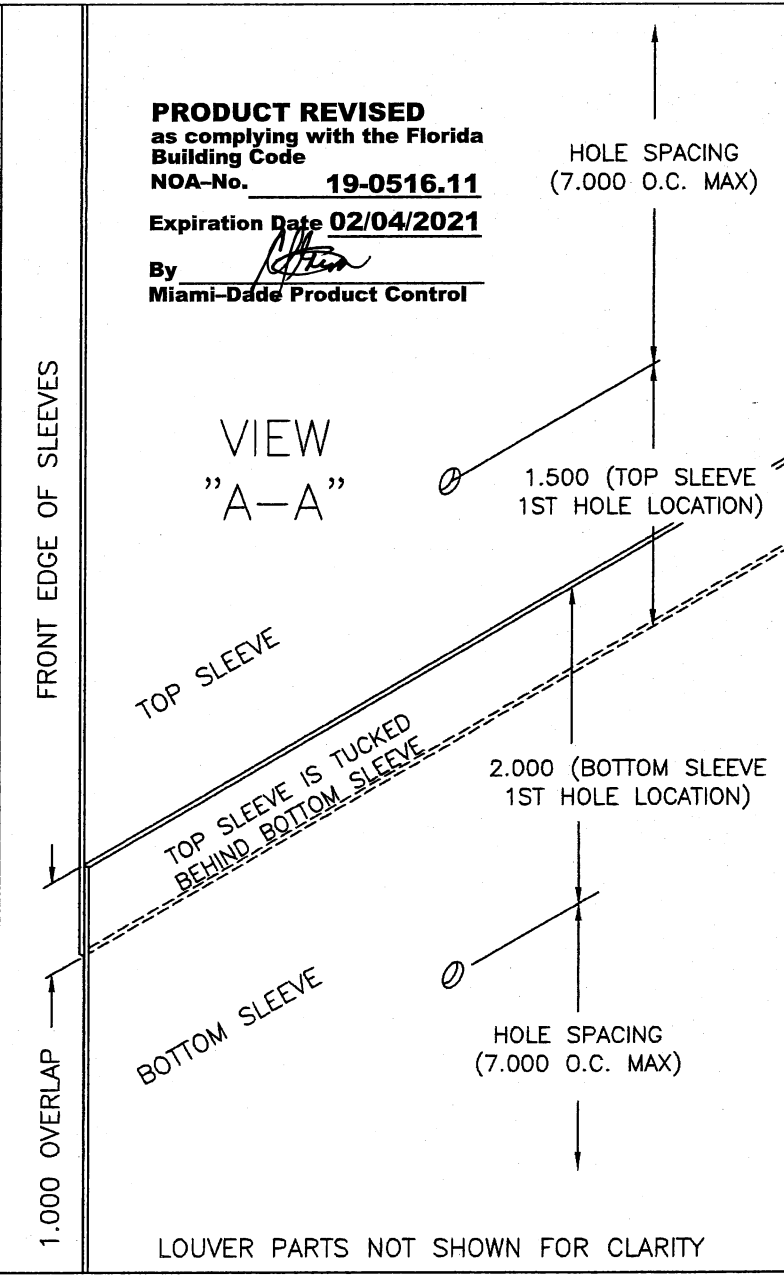


DRAWN BY NAH SCALE 1:1 SHEET NO. 5 OF 9 CAD DRAWING NO. K6746MDE	AIROLITE The look that works™ SCHOFIELD, WISCONSIN 54476 715 841 8757	PAGE NOTES: • SUBSTRATE, TYP. FOR SLEEVED FRAME SETUP: ANY SUBSTRATE IS ALLOWED THAT CAN WITHSTAND LOADS IMPOSED BY THE LOUVER ASSEMBLY (DETERMINED BY OTHERS). ALLOWABLE SUBSTRATES (BY OTHERS) INCLUDE (BUT NOT LIMITED TO) WOOD, STEEL, STEEL STUDS, CONCRETE, CMU, AND/OR ALUMINUM. • STANDARD LOUVER HEIGHT DOWNSIZING IS 0.375 TOTAL PER END (0.750 OVERALL) WHEN ORDERED BASED ON ROUGH OPENING HEIGHT • STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s).
DATE 10/27/15	TITLE: K6746MDE NOA DRAWINGS SLEEVED FRAME DETAILS	

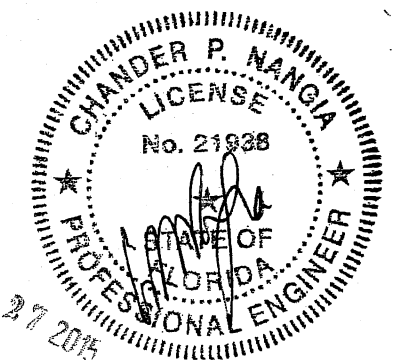


SUBSTRATE, TYPICAL FOR SLEEVED FRAME SETUP: ANY SUBSTRATE IS ALLOWED THAT CAN WITHSTAND LOADS IMPOSED BY THE LOUVER ASSEMBLY (DETERMINED BY OTHERS). ALLOWABLE SUBSTRATES (BY OTHERS) INCLUDE (BUT NOT LIMITED TO) WOOD, STEEL, STEEL STUDS, CONCRETE, CMU, AND/OR ALUMINUM


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Approved as complying with the Florida Building Code
Date 02/04/2016
NOA# 15-1104.05
Miami Dade Product Control
By *[Signature]*



DATE	10/27/15
DRAWN BY	NAH
SCALE	1:1
SHEET NO.	6 OF 9
CUT DRAWING NO.	K6746MDE
TITLE:	K6746MDE NOA DRAWINGS SLEEVED FRAME DETAILS
PAGE NOTES:	<ul style="list-style-type: none"> STANDARD LOUVER WIDTH DOWNSIZING IS 0.250, BUT UP TO 0.375 TOTAL PER END (0.750" OVERALL TOTAL) IS ALLOWABLE. CONSULT YOUR LOCAL REP OR THE MANUFACTURER IF ASSISTANCE IS NEEDED FOR PROPER DOWNSIZING FOR YOUR APPLICATION. STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s).

<p>PAGE NOTES:</p> <ul style="list-style-type: none"> • STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s). • ALL SHEET METAL PARTS ARE SHOWN AT ACTUAL THICKNESSES 	 <p>The look that works™ SCHOFIELD, WISCONSIN 54476 715 841 8757</p>		DRAWN BY NAH	DATE 10/27/15
	SCALE 1:1		SHEET NO. 7 OF 9	
TITLE: K6746MDE NOA DRAWINGS PART DETAILS				
CAD DRAWING NO. K6746MDE				

ITEM	DESCRIPTION	MATERIAL	INTERNAL ID#	NOTES
1	HEAD	6005-T5 ALUMINUM	126098	SLEEVED FRAME ONLY
2	BLADE	6063-T5 ALUMINUM	125263	4.063' O.C. SPACING (TYPICAL ALL UNITS)
3	SILL	6005-T5 ALUMINUM	126099	SLEEVED FRAME ONLY
4	JAMB	6005-T5 ALUMINUM	126100	SLEEVED FRAME ONLY
5	HEAD	6063-T5 ALUMINUM	125043	CHANNEL FRAME (NON-SLEEVED) ONLY
6	SILL	6063-T5 ALUMINUM	125867	CHANNEL FRAME (NON-SLEEVED) ONLY
7	JAMB	6063-T5 ALUMINUM	125045	CHANNEL FRAME (NON-SLEEVED) ONLY
8a	MOUNTING ANGLE (CHANNEL FRAME)	6061-T6	125811	TYPICAL AT JAMBS ONLY
8b	MOUNTING ANGLE (SLEEVED FRAME)	6063-T5	125151	TYPICAL AROUND SLEEVE PERIMETER
9	SLEEVE	5052-H32 ALUMINUM	100172	0.061 ACTUAL THICKNESS
10	STRAP	ALUMINUM	130311	ATTACHED @ HEAD/SILL ONLY, NOT REQ'D FOR NDA
---	---	---	---	---
11	1/4-20x1.500L SCREW, HILTI KWIK-FLEX, SUPPLIED BY LOUVER MANUFACTURER	COATED STEEL	416581	8.000 O.C. MAX. (CHANNEL FRAME) AND 6.000 O.C. MAX. (SLEEVED FRAME), SHORTER OVERALL LENGTH (WITH 0.313 MIN THREADED LENGTH) ALLOWABLE
12	#10-16x0.500L SCREW	300 SERIES SS	417207	7.000 MAX. ON CENTERS - TYPICAL SLEEVED UNITS ONLY
13	NOT USED	---	---	---
14	#10-16x2.250L SCREW	300 SERIES SS	416351	
15	3/16"Ø RIVET	300 SERIES SS	416588	NOT REQUIRED FOR NDA
16	1/8"Ø RIVET	ALUMINUM	415194	
---	---	---	---	---
17	SHIM/SEPARATE DISSIMILAR MAT'L'S AS REQ'D	VARIES	N/A	BY OTHERS AS NEEDED
18	SHIM, NON-COMPRESSIBLE	VARIES	N/A	BY OTHERS, OPTIONAL
19	SEALANT AND BACKER ROD	VARIES	N/A	BY OTHERS, OPTIONAL
20	SUBSTRATE FASTENER - SEE ANCHOR TABLE	SEE ANCHOR TABLE	N/A	BY OTHERS, MINIMUM OF ONE TYPE REQUIRED, SEE ANCHOR TABLE FOR ADDITIONAL INFORMATION
21	SUBSTRATE - GROUT FILLED CMU	GROUT FILLED CMU	N/A	BY OTHERS, MINIMUM OF ONE SUBSTRATE TYPE REQUIRED. SEE ANCHOR TABLE FOR NEEDED EDGE DISTANCE, SPACING, EMBEDMENT, ETC. IT IS THE RESPONSIBILITY OF THE PERMIT HOLDER TO VERIFY AND TO FACILITATE SEPARATION OF DISSIMILAR MATERIALS.
	SUBSTRATE - CONCRETE	CONCRETE	N/A	
	SUBSTRATE - STEEL STUD	STEEL	N/A	
	SUBSTRATE - STRUCTURAL STEEL	STEEL	N/A	
	SUBSTRATE - WOOD	WOOD	N/A	
	SUBSTRATE - ALUMINUM	ALUMINUM	N/A	

GENERAL NOTES:

1. IT IS 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. THE LOUVER HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH MIAMI-DADE COUNTY PROTOCOLS (AND QUALIFIED IN ACCORDANCE WITH THE CURRENT FLORIDA BUILDING CODE AND TEST PROTOCOLS/STANDARDS THEREIN):

- TAS-201 (LARGE MISSILE IMPACT TEST)
- TAS-202 (UNIFORM STATIC WIND PRESSURE TEST)
- TAS-203 (UNIFORM CYCLIC WIND PRESSURE TEST)

3. THIS LOUVER HAS BEEN DESIGNED, TESTED, AND APPROVED TO WITHSTAND DESIGN PRESSURES OF UP TO AND INCLUDING +/-150PSF.

4. THE MAXIMUM SINGLE SECTION SIZE IS 48 INCHES WIDE BY 48 INCHES HIGH. MULTIPLE SECTIONS MAY BE MOUNTED TOGETHER TO CREATE A MULTI-WIDE AND/OR MULTI-HIGH ASSEMBLY PROVIDED THERE IS ADEQUATE SUBSTRATE ON ALL FOUR SIDES OF EACH SINGLE SECTION AND SECURED TO THE SUBSTRATE AS NOTED HEREIN.

5. GENERAL LOUVER CONSTRUCTION: HEAD, SILL, JAMBS, AND BLADES FOR ALL CASES ARE EXTRUDED ALUMINUM (SEE PAGE 7 FOR ALLOY TYPES). THE BLADE SPACING IS 4.063 INCHES. BLADES AND HEADS ARE SECURED TO THE JAMBS WITH TWO SCREWS PER END. THE SILLS ARE SECURED TO THE JAMBS WITH ONE SCREW AND ONE RIVET PER SILL END. STRAP NOT REQUIRED FOR NOA OR AMCA 540 IMPACT LEVEL D (50 ft/s), BUT IS REQUIRED TO PASS AMCA 540 IMPACT LEVEL E (80 ft/s).

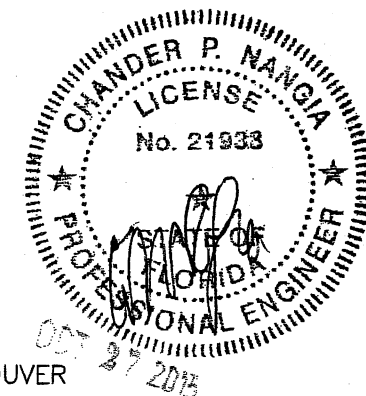
6. INSTALLER TO PROVIDE SEPARATION OF DIS-SIMILAR MATERIALS AS REQUIRED (SEE CURRENT FLORIDA BUILDING CODE). SEE OLDER 2010 FLORIDA BUILDING CODE SECTION 2003.8.4 FOR ADDITIONAL INFORMATION ON SEPARATION OF DIS-SIMILAR MATERIALS.

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

9. THE INTERNAL ID NUMBERS SHOWN ON THIS PAGE ARE FOR FACTORY PURPOSES ONLY AND MAY BE UPDATED AT ANY TIME. ANY UPDATES WILL NOT ALTER THE ITEM AS DESCRIBED HEREIN.


10. THE LOUVER IS NOT DESIGNED TO PREVENT WIND-DRIVEN RAIN FROM PENETRATING INTO THE SPACE BEHIND THE LOUVER. THE LOUVER SHALL BE INSTALLED IN A LOCATION WHERE THE SPACE BEHIND THE LOUVER IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM OR THE ROOM WILL HOUSE WATER RESISTANT/PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES.


10. ALL DIMENSION UNITS ARE IMPERIAL.



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Building Code
NOA-No. 19-0516.11
Expiration Date 02/04/2021
By [Signature]
Miami-Dade Product Control

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Florida Building Code
Date 02/04/2016
NOA# 15-1109.25
Miami Dade Product Control
By [Signature]

DATE	10/27/15	SCALE	1:1	SHEET NO.	8 OF 9	JOB DRAWING NO.	K6746MDE
DRAWN BY	NAH						
							
TITLE: K6746MDE NOA DRAWINGS ITEM DESCRIPTIONS/GENERAL NOTES							
PAGE NOTES:							


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NOA-No. 20-0929.09
Expiration Date 02/04/2026
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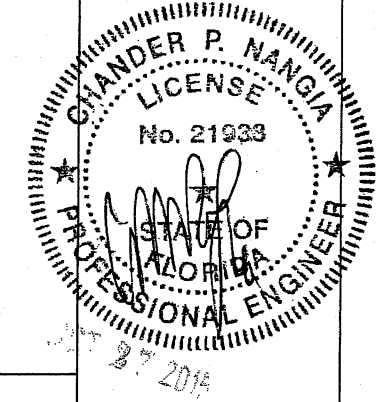
SUBSTRATE AND SUBSTRATE FASTENER TABLE																						
ITEM 21, SUBSTRATE			ITEM 20, SUBSTRATE FASTENER																			
TYPE	THICKNESS MIN	MATERIAL MIN	TYPE (ALL FASTENERS ARE HEX HEAD STYLE)	MAT'L	DIA.	EDGE MIN	EMBED. MIN	SPACING MAX	SPACING MIN	HEAD DIA. MIN	ANGLE HOLE ITEM 5, MAX	SUBSTRATE HOLE, MAX										
WOOD	3	G DF 0.42	LAG SCREW, 3 INCH MIN LENGTH	*	1/4	1 1/2	23/32	5 3/4	3	1/2	5/16	SEE FASTENER MANUFACTURER INSTRUCTIONS										
					3/8	1 1/2	23/32	6 1/4	3	5/8	7/16											
STEEL	16 GA (0.056)	Fy 33 KSI Fu 45 KSI	BOLT W/ NUT	*	1/4-20	5/8	0.056	8	1	1/2 HEAD 9/16 NUT	5/16	5/16										
	14 GA (0.070)		THREAD CUTTING/TAPPING SCREW					0.070		6 3/4		1/2	SEE FASTENER MANUFACTURER INSTRUCTIONS									
														12 GA (0.099)	0.099	8						
ALUMINUM	1/8	6063-T5	BOLT W/ NUT	*	1/4-20	1/2	1/8	8	1	1/2 HEAD 9/16 NUT	5/16	1/4										
			THREAD CUTTING/TAPPING SCREW							1/2		SEE FASTENER MANUFACTURER INSTRUCTIONS										
REVISED with the Florida 20-0929.09 e 02/04/2026 Product Control CONCRETE	VARIES WITH SIZE OF FASTENER USED, SEE FASTENER MANUFACTURER INSTRUCTIONS	2 KSI	BUILDEX TAPCON (BLUE, WHITE, OR 410 SS)	VARIES	1/4	1 1/2	1 1/2	4	2	AS MANUFACTURED	1/4	SEE FASTENER MANUFACTURER INSTRUCTIONS										
		3 KSI				2 1/8		6														
						2.3 KSI	ELCD AGGRE-GATOR	300 SS					1/4	1 1/2	1 3/8	6	3	AS MANUFACTURED	1/4			
		2.9 KSI	ELCD ULTRACON SS4	410 SS	1/4				1	1 3/4	4									3	AS MANUFACTURED	1/4
									2 1/2		8											
		3.4 KSI	ELCD CRETE-FLEX SS4, SMALL HEAD ELCD CRETE-FLEX SS4, FLANGED HEAD	410 SS	1/4	1	1 3/4	6	6	AS MANUFACTURED	1/4											
								8														
		2.5 KSI	POWERS 316 STAINLESS STEEL WEDGE-BOLT	316 SS	1/4	1 3/8	1 7/8	4	1	AS MANUFACTURED	5/16											
						2		6														
						2 KSI	POWERS WEDGE-BOLT PLUS	STEEL			1/4		1 1/8	1 1/2	4	1	AS MANUFACTURED	5/16				
		1 1/2	6																			
		2	8																			
		1	4																			
1 1/4	6																					
4 KSI	POWERS WEDGE-BOLT PLUS	STEEL	1/4	1 5/8	1 1/2	8	1 1/2	AS MANUFACTURED	7/16													
				1 1/4		4																
				1 5/8		6																
				2 1/8		8																
				1 1/8		4																
2 KSI	POWERS WEDGE-BOLT PLUS	STEEL	3/8	1 3/8	1 1/2	6	1 1/2	AS MANUFACTURED	7/16													
				1 3/4		8																
				1 3/4		8																
GROUT FILLED CMU	NOTE 1	ELCD AGGRE-GATOR	300 SS	1/4	2	2	8	3	AS MANUFACTURED	1/4	SEE FASTENER MANUFACTURER INSTRUCTIONS											
	NOTE 2	ELCD ULTRACON SS4	410 SS	1/4	1	2	2	1 1/2		1/4												
	NOTE 3	ELCD CRETE-FLEX SS4, FLANGED HEAD	410 SS	1/4	1 3/4		1 1/4	6		3		1/4										
	NOTE 4	POWERS WEDGE-BOLT PLUS	STEEL	3/8	2	2 1/2	8	6		7/16												


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PROD

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 PSI GROUT.
NOTE 2: CONCRETE MASONRY (CMU) SHALL BE > THE FOLLOWING: 6" WIDE, 2 KSI CMU CONFORMING TO ASTM C-90 FILLED WITH 1624 PSI GROUT.
NOTE 3: CONCRETE MASONRY (CMU) SHALL BE > THE FOLLOWING: 6" WIDE, CONFORMING TO ASTM C-90 FILLED WITH 3,350 PSI GROUT.
NOTE 4: 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.

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SCALE
1:1.2

SHEET NO.
9 OF 9

CAD DRAWING NO.
K6746MDE

AIROLITE
The look that works™
SCHOFIELD, WISCONSIN 54476
715 841 8757

TITLE:
K6746MDE NOA DRAWINGS
SUBSTRATE AND ANCHOR TABLE

PAGE NOTES: