

EXTRUDED ALUMINUM COMBINATION LOUVER/DAMPER MIAMI-DADE QUALIFIED • FLORIDA PRODUCT APPROVED HIGH VELOCITY WIND-DRIVEN RAIN AND IMPACT RESISTANT 6" (152) DEEP • DRAINABLE BLADE • OPERABLE AIRFOIL DAMPER MODEL: 1606CM

QUALIFICATIONS:

- Miami-Dade County NOA No. 23-0823.04
- Florida Product Approval No. 41947.2.
- Tested in accordance with: TAS-101A (Wind-Driven Rain Test), TAS-201 (Large Missile Impact Test), TAS-202 (Uniform Static Air Pressure Test), TAS-203 (Cyclic Wind Pressure Loading Test).
- AMCA 500-L (Water Penetration, Air Performance).
- AMCA 540 (Wind-Borne Debris Impact Test [Basic "Level D" Protection]).
- AMCA 550 (High Velocity Wind-Driven Rain Resistance Test [with blades closed]).
- Wind load rating +/- 120 PSF.

STANDARD CONSTRUCTION:

6" (152) deep, Type 6063-T6 extruded aluminum, 0.120"

(3.05) nominal wall thickness. Integral downspouts and

caulking slot provided.

BLADES: Front Stationary Blades: Drainable style, Type 6063-T6

extruded aluminum, 0.080" (2.03) nominal wall thickness.

Fixed at 37.5 degrees.

Rear Operable Blades: Airfoil style, Type 6063-T6 extruded aluminum, 0.080" (2.03) nominal wall thickness.

BLADE SPACING: Approximately 4.84" (123) on centers. **BLADE SEALS:** Santoprene. Mechanically locked in place.

Cambered stainless steel. JAMB SEALS: **BEARINGS:** 1/2" (13) dia. Celcon®.

1/2" (13) dia. plated steel double bolted to blades. **AXLES:**

LINKAGE: Concealed in frame.

SCREEN: 3/4" x .050 (19 x 1.3) expanded, flattened aluminum bird

screen in removable frame, inside (rear) mount (adds

approximately 3/8" [10] to louver depth).

ACTUATOR: Hand locking louver quadrant.

FINISH:

MINIMUM SIZE: 12" W x 16" H (305 x 406).

60" W x 120" H (1524 x 3048). 50 sq. ft. (4.6 m²). Larger MAX. SINGLE **SECTION SIZE:** louvers will require field assembly of smaller sections.

MAXIMUM SIZE: Unlimited Width x 120" H (3048).

OPTIONAL FINISHES: OPTIONS:

☐ **FL15** Flanged Frame, 1 1/2" (38). ☐ PC3 ☐ **FL20** Flanged Frame, 2" (51). □ PC4

☐ BSSS Type 304 S.S. Bird Screen.

□ BSN No Bird Screen.

☐ ISA Aluminum Insect Screen.

☐ ISSS Type 304 S.S. Insect Screen.

□ ESI Extended Sill.

SCHEDULE TYPE:

□ PASI Sill Pan.

□ ACT Electric Actuator. Specify: ____ ANMB Medium Bronze.

Other:

Powder Coat AAMA 2603. Color:

High Performance Powder Coat AAMA 2604

(Equivalent to 50% Kynar®). Color: _

Fluoropolymer Powder Coat AAMA 2605 ☐ PC5 (Equivalent to 70% Kynar®). Color: ___

□ PCC Prime Coat.

□ AN04 Clear Anodized 204-R1. □ AN15 Clear Anodized 215-R1.

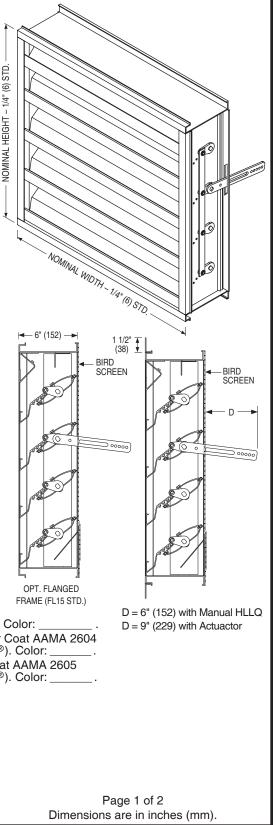
☐ ANLB Light Bronze.

■ ANDB Dark Bronze.

☐ ANBK Black.



PROJECT: SUPERSEDES DRAWING NO. DATE **B SERIES ENGINEER:** 6 - 10 - 25 1600M 10 - 22 - 24 1606CM **CONTRACTOR:**





EXTRUDED ALUMINUM COMBINATION LOUVER/DAMPER MIAMI-DADE QUALIFIED • FLORIDA PRODUCT APPROVED HIGH VELOCITY WIND-DRIVEN RAIN AND IMPACT RESISTANT 6" (152) DEEP • DRAINABLE BLADE • OPERABLE AIRFOIL DAMPER PERFORMANCE DATA

MODEL: 1606CM

FREE AREA in Square Feet and Square Meters

		Width in Inches and Meters								
İ		12	18	24	30	36	42	48	54	60
		0.30	0.46	0.61	0.76	0.91	1.07	1.22	1.37	1.52
	12	0.19	0.30	0.41	0.53	0.64	0.76	0.87	0.98	1.10
	0.30	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
	18	0.37	0.60	0.83	1.06	1.28	1.51	1.74	1.97	2.20
	0.46	0.03	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.20
	24	0.85	1.36	1.88	2.40	2.91	3.43	3.94	4.46	4.98
	0.61	0.08	0.13	0.17	0.22	0.27	0.32	0.37	0.41	0.46
	30	1.03	1.66	2.29	2.92	3.55	4.18	4.81	5.44	6.07
	0.76	0.10	0.15	0.21	0.27	0.33	0.39	0.45	0.51	0.56
	36	1.22	1.96	2.71	3.45	4.20	4.94	5.68	6.43	7.17
	0.36	0.11	0.18	0.25	0.32	0.39	0.46	0.53	0.60	0.67
	42	1.41	2.26	3.12	3.98	4.84	5.70	6.55	7.41	8.27
1	1.07	0.13	0.21	0.29	0.37	0.45	0.53	0.61	0.69	0.77
l	48	1.59	2.56	3.53	4.50	5.47	6.44	7.40	8.38	9.35
l Si	1.22	0.15	0.24	0.33	0.42	0.51	0.60	0.69	0.78	0.87
Meters	54	1.94	3.12	4.30	5.49	6.67	7.85	9.04	10.22	11.40
Į≥	1.37	0.18	0.29	0.40	0.51	0.62	0.73	0.84	0.95	1.06
and	60	2.15	3.47	4.78	6.09	7.41	8.72	10.03	11.35	12.66
a	1.52	0.20	0.32	0.44	0.57	0.69	0.81	0.93	1.05	1.18
ě	66	2.34	3.77	5.19	6.62	8.05	9.48	10.90	12.33	13.76
듣	1.68	0.22	0.35	0.48	0.62	0.75	0.88	1.01	1.15	1.28
1=	72	2.53	4.07	5.61	7.15	8.69	10.23	11.77	13.32	14.86
l:=	1.83	0.23	0.38	0.52	0.66	0.81	0.95	1.09	1.24	1.38
Height in Inches	78	2.90	4.67	6.44	8.21	9.98	11.75	13.51	15.28	17.05
ei	1.98	0.27	0.43	0.60	0.76	0.93	1.09	1.26	1.42	1.58
ļΞ	84	3.09	4.97	6.85	8.74	10.62	12.50	14.38	16.27	18.15
	2.13	0.29	0.46	0.64	0.81	0.99	1.16	1.34	1.51	1.69
	90	3.27	5.27	7.27	9.26	11.26	13.26 1.23	15.25	17.25	19.25
	2.29	0.30	0.49	0.68	0.86	1.05		1.42	1.60	1.79
	96	3.46 0.32	5.57	7.68	9.79	11.90	14.01	16.12	18.23	20.34
	2.44		0.52	0.71	0.91	1.11	1.30	1.50	1.69	1.89
	102 2.59	3.65 0.34	5.87 0.55	8.10 0.75	10.32 0.96	12.54 1.17	14.77 1.37	16.99 1.58	19.22 1.79	21.44 1.99
	108	4.02	6.47	8.93	11.38	13.83	16.28	18.73	21.19	23.64
	2.74	0.37	0.60	0.83	1.06	1.28	1.51	1.74	1.97	23.04
	114	4.21	6.77	9.34	11.91	14.47	17.04	19.60	22.17	24.74
	2.90	0.39	0.63	0.87	1.11	1.34	1.58	1.82	2.06	2.30
	120	4.39	7.07	9.75	12.43	15.11	17.79	20.47	23.15	25.83
	3.05	0.41	0.66	0.91	1.16	1.40	1.65	1.90	23.15	2.40
	3.00	U.41	סס.ט	0.91	1.10	1.40	C0.1	1.90	2.10	∠. 4 U

AIRFLOW/WATER PENETRATION DATA for 48" x 48" (1219 x 1219) Louver Size

	e Area %	46 %				
Fre	e Area sq. ft. (sq. m.)	7.40 (0.69)				
I N T	Free Area Velocity at Point of Beginning Water Penetration at .01 oz./sq. ft. (3 ml/sq. m) (15 min. test duration)	1178 fpm (359 m/min.)				
A K E	Air Volume at 1178 fpm Free Area Velocity	8717 cfm (4114 l/s)				
-	Pressure Drop @ 1178 fpm	0.16 in. w.g. (40 Pa)				

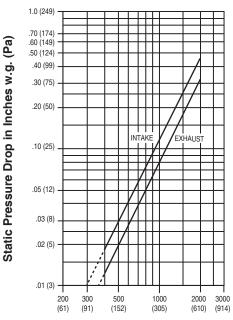
NOTE: To minimize water penetration when sizing intake louvers, select a Free Area Velocity that is **below** the beginning point of water penetration.

SCHEDULE TYPE:

DROJECT.



PRESSURE DROP



Air Velocity in Feet (Meters) Per Minute Through Free Area

Louver test size: 48" x 48" (1219 x 1219 mm). Standard air density @ 0.075 lbs/ft³. Tested to AMCA Fig. 5.5 – 6.5.



Nailor Industries Inc. certifies that the Model 1606CM shown herein is licensed to bear the AMCA Certified Ratings Program seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Program Seal applies to Air Performance and Water Penetration performance ratings.

Louvers were tested in accordance with AMCA Standard 500-L.



HIGH VELOCITY RAIN RESISTANT WITH BLADES FULLY CLOSED AND IMPACT RESISTANT LOUVER Basic Protection Level D

See www.AMCA.org for all certified or listed products

This label does not signify AMCA airflow performanc certification.

Nailor Industries Inc. certifies that the 1606CM shown herein is approved to bear the AMCA International Listing Label. The ratings shown are based on tests and procedures performed in accordance with AMCA publications and comply with the requirements of the AMCA International Listing Label program. The AMCA International Listing Label applies to pressure cycle tested Wind Borne Debris impact resistant louvers rated for Basic Protection and +/- 120PSF with a minimum blade span of less than 12 in. (305mm) and a maximum unsupported blade span of 58 in. (1473 mm) and to High Velocity Wind-Driven Rain Resistant Louvers tested in the fully closed position that stops airflow through a louver.

Page 2 of 2 Dimensions are in inches (mm).

PROJECT.			`	,
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	6 - 10 - 25	1600M	10 - 22 - 24	1606CM



Slate Blue	LF01	Medium Bronze	LF02	Sandstone	LF03
Light Gray	LF04	Charcoal	LF05	Bone White	LF06
Western Tan	LF07	Architectural Bron	ze LF08	Regal Blue	LF09
Forest Green	LF10	Surrey Beige	LF11	Royal Brown	LF12
Barn Red	LF13	Burgundy	LF14	Clay	LF15
Almond	LF16	Coastal White	LF17	Vista Green	LF18
Black	LF19	Gloss Black	LF20	Campus Green	LF21

Nailor offers 21 standard paint colors selected for architectural exterior use which meet or exceed AAMA specifications and performance requirements for color retention, chalk resistance, gloss retention, erosion, corrosion and chemical resistance as well as dry film thickness and hardness. Our state-of-the-art powder coat system provides an environment friendly finishing solution with more uniform coverage and coating thickness. The result is an exceptional finish that better resists scratching, fading and general wear. Additional liquid coat facilities for special requirements complete our ability to provide unmatched beauty and durability for any application.

Custom color matching is also available upon request. Contact your local Nailor representative.

Available Finishes

FINISH TYPE	DESCRIPTION	STANDARD WARRANTY
Fluoropolymer Powder Coat AAMA 2605-Superior Finish (AKA: Powdura® 5000, Coraflon® Powder, Interpon® D3000-Fluoromax, IFS 500FP)	"Ultimate" - A next generation hyper durable powder coating, based on FEVE fluoropolymer resins and ceramic pigmentation that the industry has acknowledged as the foundation for superior performance coatings. They provide a hard surface that is resistant to scratching and scuffing, with superior color and gloss retention, when applied to a variety of exterior architectural applications. This technology represents the "ultimate" in environmentally friendly finishes, with Zero-VOC emissions. A superior alternative to traditional 70% Kynar 500® / Hylar 500® PVDF fluoropolymer liquid coatings.	10 years (Consult Nailo for availability of extended warranty)
High Performance Powder Coat AAMA 2604 - High Performance Finish (AKA: Powdura® 4000, Envirocron® Ultra Durable Powder, Dynadure™ 400, Interpon® D2000, IFS 400SD)	"Better" - A high performance polyester powder coating, based on "super durable" resins that utilize infrared reflective pigments, which provides excellent resistance to outdoor weathering. A harder and more environmentally friendly coating than other liquid paint counterparts and with Zero-VOC emissions. A good alternative to 50% Kynar 500® / Hylar 5000® liquid coatings.	5 years
Durable Powder Coat AAMA 2603 - Pigmented Organic Coatings (AKA: Powdura® 3000, Envirocron® Durable Powder, Dynadure™ 300, Interpon® D1000, IFS 300SP)	"Good" - A durable powder coat based on thermosetting polyester resin technology. Provides a good economical combination of physical and chemical resistance properties. Environmentally superior to liquid spray paints and Zero – VOC emissions.	1 year
Clear Anodize 215-R1 AA-M10C22A41 (0.7 mil. min.)	Architectural Class I. Clear, colorless and hard oxide aluminum coating that resists weathering and chemical attack. Recommended for severely corrosive and abrasive atmospheric exposure.	5 years
Clear Anodize 204-R1 AA-M10C22A31 (0.4 - 0.7 mil.)	Architectural Class II. Clear, colorless and hard oxide aluminum coating that resists weathering and chemical attack. Recommended for normal weather exposure.	1 year
Color Anodize AA-M10C22A44 (0.7 mil. min.)	Architectural Class I. "Two-step" aluminum coating process. Following a standard anodizing procedure, a second electrolytic process deposits colored metallic pigments which penetrate the aluminum oxide pores, producing a corrosion resistant, colorfast finish. Available in light, medium, dark bronze and black.	5 years
Prime Coat	Prime coat provides a stable base for painting of louvers in the field. Surface pretreatment includes degreasing and a chemical cleaning before an epoxy prime coat is applied. Finish coat should be field applied as soon as possible for best adhesion, after a thorough cleaning for dust etc. that can contaminate the final finish and cause premature flaking or peeling.	N/A

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Interpor[®] is a registered trademark of Akzo Nobel Powder Coatings Ltd.

Kynar 500[®] is a registered trademark of Arkema, Inc.

Hylar 5000[®] is a registered trademark of Solvay Solexis, Inc.

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9-16-22



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

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

NOTICE OF ACCEPTANCE (NOA)

Nailor Industries Inc. 4714 Winfield Road Houston, TX 77039

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 1606CM Aluminum Louver System

APPROVAL DOCUMENT: Drawing No. **1606CM-NOA**, titled "BOM, Notes, Anchors, Elevation, Mull Details, Assembly Details, Head/Sill, Jamb, Profiles", sheets 1 through 8 of 8, prepared by manufacturer, dated 05/27/2021, signed and sealed by Lucas A. Turner, P.E. on 10/04/2023, bearing the Miami-Dade County Product Control Approval 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, Houston, TX, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

LIMITATION: This system 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 water resistant/waterproof equipment, components, or supplies.

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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera**, **P.E.**



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NOA No. 23-0823.04 Expiration Date: November 2, 2028 Approval Date: November 2, 2023

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **1606CM-NOA**, titled "BOM, Notes, Anchors, Elevation, Mull Details, Assembly Details, Head/Sill, Jamb, Profiles", sheets 1 through 8 of 8, prepared by manufacturer, dated 05/27/2021, signed and sealed by Lucas A. Turner, P.E. on 10/04/2023.

B. TESTS

- 1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with installation diagram of Model 1606CM Louver Systems, prepared by Intertek, Test Report No. **K4982.01-801-18-R0**, dated 04/08/2022, signed and sealed by Tyler Westerling, P.E.

- 2. Test Report on Test Method for Louvers Impacted by Wind Borne Debris per ANSI/AMCA 540-13 on a Model 1606CM Aluminum Louver Systems, prepared by Intertek, Test Report No. **K4980.01-801-18-R1**, dated 10/20/2021, revised on 03/01/2022, signed and sealed by Tyler Westerling, P.E.
- 3. Test Report on High Velocity Wind Driven Rain Resistance per ANSI/AMCA 550-15 on a Model 1606CM Aluminum Louver System, prepared by Intertek, Test Report No. **K4981.01-801-44-R1**, dated 05/13/2021, revised on 05/17/2021, signed and sealed by Tyler Westerling, P.E.

C. CALCULATIONS

Louver structural calculations, dated 08/09/2023, prepared by Turner Engineering Consulting, Inc., signed and sealed by Lucas A. Turner, 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 the **FBC**, 7th **Edition (2020)** and **FBC**, 8th **Edition (2023)**, issued by Turner Engineering Consulting, Inc., dated 08/09/2023, signed and sealed by Lucas A. Turner, P.E.
- 2. Statement letter of no financial interest issued by Turner Engineering Consulting, Inc., dated 08/09/2023, signed and sealed by Lucas A. Turner, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 23-0823.04

Expiration Date: November 2, 2028 Approval Date: November 2, 2023

	A B	C	D		E	F	G	Н	J	К	L
GENERAL NOTES 1. THE 1606CM LOUVER SYSTEM SHOWN IN THE CONFIGURATIONS HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE REQUIREMENTS OF THE				TABLE 2. 3	K6X1/4 ALUMINUM MULL CLIP (I7	TEM 157) ATTACHMEN	IT DIRECTLY TO SUBS	STRATE, ANCHOR QU	ANTITY / CLIP LENGT	H REQUIREMENTS	
				(SEE TABLE 1 FOR FULL DESCRIPTION OF ANCHOR TYPES / SUBSTRATES)							
	7TH EDITION (2020) AND 8TH EDITION (2023) FLORIDA BUILDING CODES			MULLION	AND					CONTROL OF THE PROPERTY OF THE	
INCLU	UDING THE HIGH VELOCITY	HURRICANE ZONE PROVISI	ONS, FOR		DESIGN						
APPL:	ICATIONS WITH DESIGN PR	ESSURE (ASD) REQUIREMEN	rs of 120 Ps	F DR				NAAV 1	OUVER ACTUAL HEIG	CHT (IN)	
	HIS PRODUCT HAS BEEN TE:	STED IN ACCORDANCE WITH	I TAS 100A, T	AS 201,	PRESSURE	AMOUODID	70				120
TAS	202, TAS 203, AMCA 540 A	ND AMCA 550, FOR FULL	PRODUCT TES	TING	(PSF)	ANCHOR ID	72	84	96	108	
	AILS SEE INTERTEK TEST R K4982,01-801-18-R0,	EPORTS K4980.01-801-18-R	l, K4981.01-80	11-44-R1,		A (3/8" SCREW-BOLT+ / CONC.)	QTY 6 / 12" CLIP	QTY 6 / 12" CLIP	QTY 7 / 12" CLIP	QTY 8 / 15" CLIP	QTY 9 / 15" CLIP
	HIS PRODUCT AS SHOWN IN	THIS DRAWING IS MISSILE	LEVEL D L	ARGE		B (3/8" SCREW-BOLT+ / CMU)	QTY 8 / 15" CLIP	QTY 9 / 15" CLIP	QTY 10 / 18" CLIP	QTY 11 / 18" CLIP	QTY 13 / 21" CLIP
	ILE IMPACT RESISTANT, AN			CT	100	C (3/8"-16 BOLT / STEEL)	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP
	ECTIVE DEVICES (SHUTTER HIS LOUVER SYSTEM HAS B			100A TD	200	D (3/8" LAG / WOOD)	QTY 6 / 12" CLIP	QTY 6 / 12" CLIP	QTY 6 / 12" CLIP	QTY 6 / 12" CLIP	QTY 7 / 12" CLIP
PREV	/ENT WIND-DRIVEN RAIN FI	ROM PENETRATING THE SPA	CE BEHIND T	HE		E (1/2" SCREW-BOLT+ / CONC.)	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 5 / 9" CLIP	QTY 6 / 12" CLIP	QTY 6 / 12" CLIP
	/ER FOR WIND SPEEDS UP 33 FT,	TO 110 MPH AND INSTALLA	TION IN HEIG	HTS UP		F (1/2" LAG / WOOD)	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 5 / 9" CLIP
	HIS LOUVER SYSTEM IS NO	N-BEARING AND IS NOT DE	SIGNED TO			A (3/8" SCREW-BOLT+ / CONC.)	QTY 6 / 12" CLIP	QTY 7 / 12" CLIP	QTY 8 / 15" CLIP	QTY 9 / 15" CLIP	QTY 10 / 18" CLIP
WITH:	ISTAND BUILDING DEAD LOA	DS.				B (3/8" SCREW-BOLT+ / CMU)	QTY 8 / 15" CLIP	QTY 10 / 18" CLIP	QTY 11 / 18" CLIP	QTY 12 / 21" CLIP	QTY 14 / 24" CLIP
	HE 4/3 ALLOWABLE STRESS TOR) HAS NOT BEEN USED I				440	C (3/8"-16 BOLT / STEEL)	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP
THE :	1.6 Cd FACTOR WAS USED				110	D (3/8" LAG / WOOD)	QTY 6 / 12" CLIP	QTY 6 / 12" CLIP	QTY 6 / 12" CLIP	QTY 6 / 12" CLIP	QTY 8 / 15" CLIP
SUBS.	STRATE,	TEDIALS ZEDAMINE MASOND	V DUCKEN AN	ın		E (1/2" SCREW-BOLT+ / CONC.)	QTY 4 / 9" CLIP	QTY 5 / 9" CLIP	QTY 5 / 9" CLIP	QTY 6 / 12" CLIP	QTY 7 / 12" CLIP
	HE OPENING SUBSTRATE MA ACHMENT OF BUCKS TO THE					F (1/2" LAG / WOOD)	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 5 / 9" CLIP	QTY 5 / 9" CLIP
VERI	IFIED BY THE ARCHITECT O	R ENGINEER OF RECORD OF	R AS APPROV	ED BY	Martin	A (3/8" SCREW-BOLT+ / CONC.)	QTY 6 / 12" CLIP	QTY 7 / 12" CLIP	QTY 8 / 15" CLIP	QTY 9 / 15" CLIP	QTY 10 / 18" CLIP
	AUTHORITY HAVING JURISD ENERS MUST BE PROPERLY			BUCKING		B (3/8" SCREW-BOLT+ / CMU)	QTY 9 / 15" CLIP	QTY 11 / 18" CLIP	QTY 12 / 21" CLIP	QTY 14 / 24" CLIP	QTY 14 / 24" CLIP
	IRDANCE WITH THE FBC TO			ΙE		C (3/8"-16 BOLT / STEEL)	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP
	ICTURE,	COME INTO CONTACT CHAI	I DE COATEI		120	D (3/8" LAG / WOOD)	QTY 6 / 12" CLIP	QTY 6 / 12" CLIP	QTY 7 / 12" CLIP	QTY 7 / 12" CLIP	QTY 9 / 15" CLIP
	ISSIMILAR MATERIALS THAT RWISE PROTECTED TO PRE'					E (1/2" SCREW-BOLT+ / CONC.)	QTY 4 / 9" CLIP	QTY 5 / 9" CLIP	QTY 6 / 12" CLIP	QTY 7 / 12" CLIP	QTY 7 / 12" CLIP
USED.), SHALL BE PRESSURE TRE PATIBLE WITH THIS PRODUC	ATED, WITH EITHER A TRE				F (1/2" LAG / WOOD)	QTY 4 / 9" CLIP	QTY 4 / 9" CLIP	QTY 5 / 9" CLIP	QTY 5 / 9" CLIP	QTY 6 / 12" CLIP
AND ALDCA FRAMI METAL ANCHUS TUCK	E 1. INSTALLATION ANCHOR REQUIR	IALS. INSTALL ONE ANCHATION. INSTALL SHIMS AT 6" OR GREATER EXISTS BE SHALL BE LOAD-BEARING ANSFERRING LOADS TO SUITE SHALL BE BEYOND WA	HOR AT EACH EACH ANCHO TWEEN PRODU (PLASTIC OR 3STRATE. SP LL FINISH OR	R JCT ECIFIED				2 TYP. 3 LOU' 4 HEAJ 5 HEAJ 6 HEAJ 7 JAMJ	CRIPTION S, ANCHOR TABLE ELEVATION, MULL VER ASSEMBLY DE D/SILL INSTALL, W D/SILL INSTALL, W D/SILL INSTALL, W B INSTALLATION	.ION DETAILS TAILS IRECTLY TO SUBSI // ALUM. MOUNTING // STEEL MOUNTIN	ANGLE, 6" WALL
MULL A ANCHOF	AND JAMB CLIPS DIRECTLY TO SUB: OPENING SUBSTRATE	ANCHOR TO OPENING	1	MINIMUM EDGE				NATUCAS	A. TURNER		
ID		FASTENER TYPE 3/8" DEWALT COATED CARBON	EMBEDMENT	DISTANCE							
	SOLID UNCRACKED CONCRETE (4000 PSI MIN.)	STEEL SCREW-BOLT+	2 1/2"	1 1/2"					58201		4714 Winfield Road
A	O O-1 III - III		3 1/4"	1 1/2"		as comp	UCT APPROVED plying with the Florida	STATE OF TAIL	Ene Wi		Houston, TX 77039 TEL: 281-590-1172 FAX: 281-590-3086
	GROUT- FILLED CMU (ASTM C-90 WITH 1,500 PSI MIN. GROUT)	STEEL SCREW-BOLT+		1		Building				www.nailor.com	AA, 201-090-0000
Α		STEEL SCREW-BOLT+ 3/8"-16 BOLT, 300 SERIES COND. CW SS (65ksi MIN. YIELD)	1/4"	9/16"		NOA-No		70000		V RY nrec	RIPTION
A B	WITH 1,500 PSI MIN. GROUT) 1/4" THICK MIN.	3/8"-16 BOLT, 300 SERIES COND.	1/4"	9/16"		Approva	1 Date 11/02/2023	A COMPANY	KE,	V BY DESC	PRIPTION DATE
A B C	WITH 1,500 PSI MIN. GROUT) 1/4" THICK MIN. A36 MIN. STEEL	3/8"-16 BOLT, 300 SERIES COND. CW SS (65ksi MIN. YIELD) 3/8" LAG SCREW, 300 SERIES COND. CW SS (65ksi MIN. YIELD)				Approva By	Date 11/02/2023	LUCAS TÜRNE TURNER EN CONSUL	12023 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N BY: fcortinas IE: 5/27/2021	SCALE: NTS SHEET: 1 OF
A B C	WITH 1,500 PSI MIN. GROUT) 1/4" THICK MIN. A36 MIN. STEEL SOUTHERN PINE (SG = 0.55 MIN.) SOLID UNCRACKED CONCRETE	3/8"-16 BOLT, 300 SERIES COND. CW SS (65ksi MIN. YIELD) 3/8" LAG SCREW, 300 SERIES COND. CW SS (65ksi MIN. YIELD) 1/2" DEWALT COATED CARBON	3"	1 1/2"		Approva By	Il Date 11/02/2023	LUCAS TÜRNE TURNER EN CONSUL 2428 OLD NATC CAMDEN,	12023 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N BY: fcortings IE: 5/27/2021 IET DESCRIPTION: BOM, N	SCALE: NTS SHEET: 1 OF

