

**EXTRUDED ALUMINUM STATIONARY HYBRID LOUVER** MIAMI-DADE QUALIFIED • FLORIDA PRODUCT APPROVED HIGH VELOCITY WIND-DRIVEN RAIN AND IMPACT RESISTANT 9" (229) DEEP • HORIZONTAL AND VERTICAL BLADE **MODEL: 1609HM** 

#### **QUALIFICATIONS:**

- Miami-Dade County 23-0823.05
- Florida Product Approval 41947.1
- Tested in accordance with: TAS-100A (Wind-Driven Rain Test), TAS-201 (Large Missile Impact Test), TAS-202 (Uniform Static Air Pressure Test), TAS-203 (Cyclic Wind Pressure Loading
- AMCA 500-L (Wind-Driven Rain, Water Penetration, Air Performance).
- AMCA 540 (Wind-Borne Debris Impact Test [Enhanced "Level E" Protection]).
- AMCA 550 (High Velocity Wind-Driven Rain Resistance Test).
- Wind load rating +/- 160 PSF.

#### STANDARD CONSTRUCTION:

FRAME: Front: 4" (102) deep, Type 6063-T6

extruded aluminum, .080" (2.03) nominal wall thickness. Integral caulking slot

provided.

Rear: 5" (127) deep, Type 6063-T6 extruded aluminum, .080" (2.03) nominal wall thickness. Integral downspouts

provided.

**BLADES:** Front: Horizontal Type 6063-T6 extruded

aluminum, .080" (2.03) nominal wall thickness, with reinforcing bosses. J style.

Fixed at 37 degrees.

Rear: Vertical Type 6063-T6 extruded aluminum, .060" (1.52) nominal wall

thickness, with reinforcing bosses.

**BLADE SPACING:** Front: Approx. 4" (102) on centers.

Rear: Approx. 1 1/2" (38) on centers.

**BLADE SUPPORT:** Front: Concealed type, factory installed

on rear of louver on maximum 60" (1524)

centers.

Rear: 2.5" (64) strap every 60" (1524) or

less in height.

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).

SILL PAN: Aluminum sill pan with end dams. (louver

width undersized an additional 1/4" (6) to

accommodate sill pan).

FINISH:

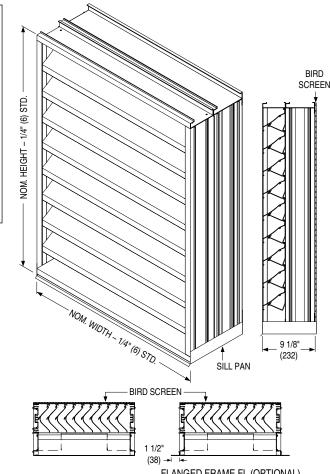
MINIMUM SIZE: 12" W x 12" H (305 x 305).

MAXIMUM SINGLE 60" W x 120" H (1524 x 3048). 50 sq. ft.

SECTION SIZE: (4.6 m<sup>2</sup>). Larger louvers will require field

assembly of smaller sections.

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



		PLANGED PHAME PE (OPTIONAL)						
OPTIONS	S:	OPTION	AL FINISHES:					
☐ BSSS	Type 304 S. S. Bird Screen.	☐ PC3	Powder Coat AAMA 2603. Color:					
☐ BSN ☐ ISSS	No Bird Screen. Type 304 S. S. Insect Screen.	□ PC4	High Performance Powder Coat AAMA 2604 (Equivalent to 50% Kynar®). Color:					
☐ ISA	Aluminum Insect Screen.	☐ PC5	Fluoropolymer Powder Coat AAMA 2605 (Equivalent to 70%					
☐ FL15	Flanged Frame, 1 1/2" (38).		Kynar <sup>®</sup> ). Color:					
☐ FL20	` ,	☐ PCC	Prime Coat.					
□ PL20	Flanged Frame,	☐ AN04	Clear Anodized 204-R1.					
☐ Other:	2" (51). ·	☐ AN15	Clear Anodized 215-R1.					

SCHEDULE TYPE:	Page 1 of 3				
PROJECT:	Dimensions are in inches (mm).				
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.	
CONTRACTOR:	4 - 12 - 24	1600M	NEW	1609HM	



EXTRUDED ALUMINUM STATIONARY HYBRID LOUVER
MIAMI-DADE QUALIFIED • FLORIDA PRODUCT APPROVED
HIGH VELOCITY WIND-DRIVEN RAIN AND IMPACT RESISTANT
9" (229) DEEP • HORIZONTAL AND VERTICAL BLADE
PERFORMANCE DATA

MODEL: 1609HM

## FREE AREA in Square Feet and Square Meters

				Wi	dth in I	nches a	and Me	ers		
		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	0.21	0.39	0.56	0.73	0.90	1.07	1.24	1.41	1.58
	0.30	0.02	0.04	0.05	0.07	0.08	0.10	0.12	0.13	0.15
	18	0.42	0.76	1.10	1.44	1.78	2.12	2.46	2.80	3.13
	0.46	0.04	0.07	0.10	0.13	0.17	0.20	0.23	0.26	0.29
	24	0.63	1.14	1.65	2.15	2.66	3.17	3.67	4.18	4.69
	0.61	0.06	0.11	0.15	0.20	0.25	0.29	0.34	0.39	0.44
	30	0.84	1.52	2.19	2.87	3.54	4.21	4.89	5.56	6.24
	0.76	0.08	0.14	0.20	0.27	0.33	0.39	0.45	0.52	0.58
	36	1.05	1.89	2.74	3.58	4.42	5.26	6.10	6.95	7.79
	0.36	0.10	0.18	0.25	0.33	0.41	0.49	0.57	0.65	0.72
	42	1.26	2.27	3.28	4.29	5.30	6.31	7.32	8.33	9.34
	1.07	0.12	0.21	0.30	0.40	0.49	0.59	0.68	0.77	0.87
<b> </b>	48	1.47	2.65	3.83	5.00	6.18	7.36	8.53	9.71	10.89
Meters	1.22	0.14	0.25	0.36	0.46	0.57	0.68	0.79	0.90	1.01
Jet	54	1.68	3.03	<b>4.37</b> 0.41	5.72	7.06	8.41	9.75	<b>11.09</b> 1.03	<b>12.44</b> 1.16
2	1.37 <b>60</b>	0.16	0.28		0.53	0.66	0.78	0.91		13.99
≝	1.52	1.89	3.40	4.92	6.43	7.94	9.45	10.97	<b>12.48</b> 1.16	1.30
S	66	0.18	0.32	0.46	0.60 <b>7.14</b>	0.74	0.88	1.02	13.86	
he	1.68	<b>2.10</b> 0.20	<b>3.78</b> 0.35	<b>5.46</b> 0.51	0.66	<b>8.82</b> 0.82	<b>10.50</b> 0.98	<b>12.18</b> 1.13	1.29	<b>15.54</b> 1.44
10	72	2.31	4.16	6.01	7.85	9.70	11.55	13.40	15.24	17.09
_	1.83	0.21	0.39	0.56	0.73	0.90	1.07	1.24	1.42	1.59
Height in Inches and	78	2.52	4.53	6.55	8.57	10.58	12.60	14.61	16.63	18.64
j j	1.98	0.23	0.42	0.61	0.80	0.98	1.17	1.36	1.54	1.73
후	84	2.73	4.91	7.10	9.28	11.46	13.64	15.83	18.01	20.19
-	2.13	0.25	0.46	0.66	0.86	1.06	1.27	1.47	1.67	1.88
	90	2.94	5.29	7.64	9.99	12.34	14.69	17.04	19.39	21.75
	2.29	0.27	0.49	0.71	0.93	1.15	1.36	1.58	1.80	2.02
i	96	3.15	5.67	8.19	10.70	13.22	15.74	18.26	20.78	23.30
i	2.44	0.29	0.53	0.76	0.99	1.23	1.46	1.70	1.93	2.16
	102	3.36	6.04	8.73	11.42	14.10	16.79	19.47	22.16	24.85
	2.59	0.31	0.56	0.81	1.06	1.31	1.56	1.81	2.06	2.31
	108	3.57	6.42	9.27	12.13	14.98	17.84	20.69	23.54	26.40
	2.74	0.33	0.60	0.86	1.13	1.39	1.66	1.92	2.19	2.45
	114	3.78	6.80	9.82	12.84	15.86	18.88	21.91	24.93	27.95
	2.90	0.35	0.63	0.91	1.19	1.47	1.75	2.04	2.32	2.60
	120	3.99	7.18	10.36	13.55	16.74	19.93	23.12	26.31	29.50
	3.05	0.37	0.67	0.96	1.26	1.56	1.85	2.15	2.44	2.74

SCHEDULE TYPE:	Page 2 of 3				
PROJECT:	Dii	mensions are	e in inches (m	nm).	
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.	
CONTRACTOR:	4 - 12 - 24	1600M	NEW	1609HM	



EXTRUDED ALUMINUM STATIONARY HYBRID LOUVER MIAMI-DADE QUALIFIED • FLORIDA PRODUCT APPROVED HIGH VELOCITY WIND-DRIVEN RAIN AND IMPACT RESISTANT 9" (229) DEEP • HORIZONTAL AND VERTICAL BLADE PERFORMANCE DATA

MODEL: 1609HM

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

Fre	e Area %	53%
Fre	e Area sq. ft. (sq. m.)	8.53 (0.79)
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)	1011 fpm (308 m/min.)
A K E	Air Volume at 1011 fpm Free Area Velocity	8,624 cfm (4070 l/s)
-	Pressure Drop @ 1011 fpm	.34 in. w.g. (85 Pa)

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

#### WIND DRIVEN RAIN PERFORMANCE

Core Ventilation	0	99	198	297	393	494	590	690	789	889	985
Rate in fpm (m/s)	(0.00)	(0.50)	(1.01)	(1.51)	(2.00)	(2.51)	(3.00)	(3.51)	(4.01)	(4.52)	(5.00)
Free Area Ventilation	0	174	348	522	690	868	1036	1212	1386	1561	1730
Rate in fpm (m/s)	(0.00)	(0.88)	(1.77)	(2.65)	(3.51)	(4.41)	(5.26)	(6.16)	(7.04)	(7.93)	(8.79)
Effectiveness Ratio (%)	100	100	100	100	100	100	100	100	100	100	99.9
Penetration Class	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α

Test was based on a 39.375" x 39.375" (1.0 m x 1.0 m) core area louver tested at a rainfall rate of 3" per hour (76 mm/hour) with a wind velocity of **29 mph (13 m/s)**.

DISCHARGE LOSS COEFFICIENT CLASS (INTAKE): 3. (Discharge Loss Coefficient Classification is as follows: 1=0.4 and above, 2=0.3 to 0.399, 3=0.2 to 0.299, 4=0.199 and below.)

Core Ventilation	0	96	197	288	396	482	593	691	793	894	988
Rate in fpm (m/s)	(0.00)	(0.49)	(1.00)	(1.46)	(2.01)	(2.45)	(3.01)	(3.51)	(4.03)	(4.54)	(5.02)
Free Area Ventilation	0	169	346	506	696	847	1042	1214	1393	1570	1735
Rate in fpm (m/s)	(0.00)	(0.86)	(1.76)	(2.57)	(3.54)	(4.30)	(5.29)	(6.17)	(7.08)	(7.98)	(8.81)
Effectiveness Ratio (%)	100	100	100	100	100	100	99.8	99.6	99.1	98.5	97.9
Penetration Class	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	В

Test was based on a 39.375" x 39.375" (1.0 m x 1.0 m) core area louver tested at a rainfall rate of 8" per hour (203 mm/hour) with a wind velocity of **50 mph (22 m/s).** 

DISCHARGE LOSS COEFFICIENT CLASS (INTAKE): 3. (Discharge Loss Coefficient Classification is as follows:

1=0.4 and above, 2=0.3 to 0.399, 3=0.2 to 0.299, 4=0.199 and below.)

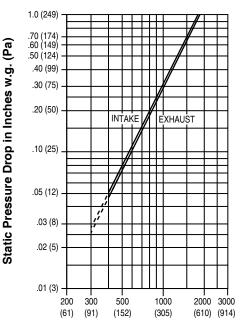


Nailor Industries Inc. certifies that the Model 1609HM shown herein is licensed to bear the AMCA Certified Ratings Program seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Program seal applies to air performance, water penetration and wind driven rain performance ratings.

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



#### 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.



HIGH VELOCITY RAIN
RESISTANT WITH BLADES
FULLY OPEN AND
IMPACT RESISTANT LOUVER
Enhanced Protection Level E

ww.AMCA.org for all certified or listed products

This label does not signify AMCA airflow performance certification.

Nailor Industries Inc. certifies that the 1609HM 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 'Enhanced Protection' and +/- 160PSF with a minimum blade span of 12 in. (305mm) and a maximum unsupported blade span of 59 in. (1499 mm) and to High Velocity Wind-Driven Rain Resistant Louvers tested in the fully open position that permits airflow through a louver.

SCHEDULE TYPE:	Page 3 of 3			
PROJECT:	Di	Dimensions are in inches (mm).  DATE B SERIES SUPERSEDES DRAWING		
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	4 - 12 - 24	1600M	NEW	1609HM



#### **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 1609HM Aluminum Louver System**

APPROVAL DOCUMENT: Drawing No. 1609HM-NOA, titled "BOM, Notes, Anchors, Elevation, Mull Details, Assembly Details, Head/Sill, Jamb, Profiles", sheets 1 through 7 of 7, prepared by manufacturer, dated 05/27/2021, signed and sealed by Lucas A. Turner, P.E. on 03/07/2024, 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.



NOA No. 23-0823.05 **Expiration Date: April 4, 2029** Approval Date: April 4, 2024

Page 1

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### A. DRAWINGS

1. Drawing No. **1609HM-NOA**, titled "BOM, Notes, Anchors, Elevation, Mull Details, Assembly Details, Head/Sill, Jamb, Profiles", sheets 1 through 7 of 7, prepared by manufacturer, dated 05/27/2021, signed and sealed by Lucas A. Turner, P.E. on 03/07/2024.

#### 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 1609HM Louver Systems, prepared by Intertek, Test Report No. **K4977.01-801-18-r1**, dated 02/04/2022, revised on 05/23/2022, 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 1609HM Aluminum Louver Systems, prepared by Intertek, Test Report No. **K4975.01-801-18-R2**, dated 06/28/2021, revised on 01/04/2022, 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 1609HM Aluminum Louver System, prepared by Intertek, Test Report No. **K4976.01-801-44-R2**, dated 05/06/2021, revised on 01/21/2022, signed and sealed by Tyler Westerling, P.E.

## C. CALCULATIONS

1. 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**, 7<sup>th</sup> **Edition (2020)** and **FBC**, 8<sup>th</sup> **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. 23-0823.05 Expiration Date: April 4, 2029

Approval Date: April 4, 2024

Г	А	В	С	D	E		F	G	Н	J		К	L	 
	GENERAL NOTES  1. THE 1609HM LOUVER S	SYSTEM SHOWN	IN THE CONFIGURA	ATIMNS HERFIN IS		TADI	 E 1. INSTALLATION ANCHOR	DEOLIDEMENTS	(NOTE: THIS TAR	RI E ADDI IES TO A	NCHODACE		EVE ANCLES	ון
1	DESIGNED AND MANUFACT EDITION (2023) FLORIDA HURRICANE ZONE PROVIS REQUIREMENTS OF 160 P 2. THIS PRODUCT HAS BE TAS 202, TAS 203, AMCA	TURED TO COMP BUILDING CODI TONS, FOR APP SF OR LESS. TEN TESTED IN	LY WITH THE REQUESTING THE INCLUDING THE INCLUDING WITH DEPOTE SERVICE WITH THE REQUEST.	JIREMENTS OF THE HIGH VELOCITY ESIGN PRESSURE (4 H TAS 100A, TAS 20	ASD) ANO	CHOR ID	OPENING SUBSTRATE	ANCHOR 1	TO OPENING NER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DISTANCE	MAX. O.C. DISTANCE, ATTACHMENT OF 1.5X2X1/8 ANGLE	MAX. O.C. DISTANCE, ATTACHMENT OF 5X6X3/8 ANGLE	
_	DETAILS SEE INTERTEK AND K4977.01-801-18-R1. 3. THIS PRODUCT AS SHE 80 FPS) LARGE MISSILE	TEST REPORTS Jwn in this D	K4975.01-801-18-R RAWING IS MISSILE	82, K4976.01-801-44 E LEVEL E (9 LB 8	1-R2, 2X4,	Λ .	SOLID UNCRACKED CONCRETE (4000 PSI MIN.)	3/8" DEWALT CO STEEL SCREW-I		2 1/2"	1 1/2"	3 1/4"	9"	
2	IMPACT PROTECTIVE DEV 4. THIS LOUVER SYSTEM PREVENT WIND-DRIVEN LOUVER FOR WIND SPEE	/ICES (SHUTTEF HAS BEEN TES RAIN FROM PEN	RS) İN WINDBORNE Sted in accordan Betrating the Spa	DEBRIS REGIONS. CE WITH TAS 100A ACE BEHIND THE	ТП	В	GROUT- FILLED CMU (ASTM C-90 WITH 1,500 PSI MIN. GROUT)	3/8" DEWALT CO STEEL SCREW-I		3 1/4"	1 1/2"	3 1/4"	9"	2
	33 FT. 5. THIS LOUVER SYSTEM BUILDING DEAD LOADS. 6. THE 4/3 ALLOWABLE FACTOR) HAS NOT BEEN	STRESS INCREA	ASE FACTOR (SHOR	T-TERM INCREASE			1/4" THICK MIN. A36 MIN. STEEL	3/8"-16 BOLT, 300 CW SS (65ksi MIN		1/4"	9/16"	3 1/4"	9"	
2	1.6 Cd FACTOR WAS US SUBSTRATE. 7. THE OPENING SUBSTRATACHMENT OF BUCKS	ED IN THE ANA Ate materials	LYSIS OF ANCHORA (FRAMING, MASONA	AGE INTO WOOD RY, BUCKS) AND		11	SOUTHERN PINE (SG = 0.55 MIN.)	3/8" LAG SCREW COND. CW SS (6		3"	1 1/2"	3 1/4"	5"	
4	AUTHORITY HAVING JURI FASTENERS MUST BE PRI ACCORDANCE WITH THE FIND STRUCTURE.  8. DISSIMILAR MATERIALS OTHERWISE PROTECTED USED, SHALL BE PRESSU COMPATIBLE WITH THIS 9. ANCHORAGE NOTES: I EDGE DISTANCE AND EMBED ETAILS AND AS INDICATAS APPROVED, SIGNED, FENGINEER ON A SITE-SPENTATION OF A CONTROL OF A	JPERLY DESIGN BC TO TRANSF  S THAT COME I TO PREVENT GA RE TREATED, V PRODUCT. NSTALL PRODUCT BEDMENT, AND V TED IN TABLE AND SEALED BY ECIFIC BASIS. JATING COMPAT ERIALS. INST JN. INSTALL S ATER EXISTS B BEARING (PLAST) I SUBSTRATE.	ED & INSTALLED EER SUPERIMPOSED  NTO CONTACT SHALE  ALVANIC REACTION  VITH EITHER A TRE  CTS WITH MAXIMUM  WITH FASTENER TY  1 FOR THE APPROF  A FLORIDA-REGIS  ALL ANCHORS USE  IBLE WITH THE OF  ALL ONE ANCHOR  CHIMS AT EACH ANCE  ETWEEN PRODUCT  IC OR METALLIC)  SPECIFIED ANCHOR	BY DITHERS IN LOADS TO THE  L BE COATED OR S. WOOD BUCKS, IN EATMENT OR COATIN  SHIM GAP, MINIMUN PE AS SHOWN IN TO PRIATE SUBSTRATE, STERED PROFESSION ED SHALL BE OF A PENING SUBSTRATE AT EACH LOCATION CHOR LOCATION WHE FRAME AND SUBSTR AND CAPABLE OF	NG M THE OR IAL AND					munn,	SHEET DI	<u>CONTENTS</u> ESCRIPTION NOTES, ANCHOR T TYP. SINGLE LOUN TYP. MULLED LOU	VER ASSEMBLY VER ASSEMBLY	5
				ITEM         INTERNAL ID           10         C6-144         160	04 HD HEAD/SILL FRAN	CRIPTION			<u> </u>	No. 58201	r <u> </u>	VERT. SECTION / HORIZ. SECTION / PROFILES		
7	2 C6-192 SCREW, 3 C6-193 SCREWM, 4 C6-198 SCREW, 5 - SEALANT 6 - 3/8 NYLO 7 - 3/8 COMN 8 - 3/8-16 X 1 9 - INSTALL	MACHINE, HW, #10-2 MACHINE, HEX, #10 2 METAL, HEX, #14 X MTL, HEX, #8 X 3/4, & BACKER ROD N INSERT LOCKNUT I'L FLAT WASHER HEX CAP SCREW 18 ANCHOR, SEE TABLE	44 X 1 1/2, X 1 1/2, 1 1/2,	20 C6-146 1604 HD JAMB FRAM 30 C6-215A 1604 J BLADE 40 C6-216A BLADE BRACE 50 C6-119 1605WD HEAD/SILL 60 C6-199 1605WDF JAMB FRAM 70 C6-203 1605 WD BLADE 80 XX-XXX BAFFLE 90 XX-XXX JAMB BLOCK OFF 100 XX-XXX SILL BLOCKOFF 110 C6-179 MULLION BAR 120 C6-133 4 in CHANNEL FRAMI 130 XX-XXX BLANK OFF (0.125" T 140 C6-173 MULLION COVER 150 C6-161B 3 x 6 x 1/4 ALUM ANG 160 C6-176 1 1/2 x 2 x 1/8 ANGLE 170 XX-XXX 5 x 6 x 3/8 ALUM WAL			as cor Buildin NOA-N Approv By Miami-	val Date 04/04/2	ED orida  3.05 024 trol TU 2428	3/7/2024 LUCAS TURNER FL PE 58201 URNER ENGINEERIN CONSULTING, INC. OLD NATCHEZ TRAC CAMDEN, TN, 38320 PH 941-380-1574	G & DWN , DATE	www.nailor.com  BY DES  BY: fcortinas E: 5/27/2021 ET DESCRIPTION: BOM, N	SCALE: NTS   SHEET: 1 OF	7
L	А	В	С	D	E		F	G	Н	J		К	L	-

