

### Greenheck Fan Corporation 1110 Greenheck Drive (PO Box 410) Schofield, WI 54476

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

**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 EHV-901D Aluminum Louver**

**APPROVAL DOCUMENT:** Drawing No. **EHV-901D**, titled "EHV-901D Standard and Recessed Jamb", sheets 1 through 11 of 11, dated 05/23/16, with Revision 1 dated 07/18/16, 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 bear 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. 21-0526.06** 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.



12/04/23

NOA No. 23-1030.03 Expiration Date: July 28, 2026 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. 16-0607.11)*
- Drawing No. EHV-901D, titled "EHV-901D, Standard and Recessed Jamb", sheets 1 through 11 of 11, dated 05/23/16, with Revision 1 dated 07/18/16, prepared by the manufacturer, signed and sealed by Chander P. Nangia, P.E. (Submitted under NOA No. 16-0607.11)

### **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 EHV-901D (Visible/Recessed Jamb) aluminum louvers, prepared by Quast Consulting & Testing, Inc, Report No. **QCT16-3863.01**, dated 06/01/16, signed and sealed by Brian M. Sasman, P.E.

# (Submitted under NOA No. 16-0607.11)

- Test Report on High Velocity Wind Driven Rain Resistance per AMCA 550-15 (Equivalent to AMCA 550-08/09) of a Model EHV-901D (Standard/Visible Jamb) aluminum louver, prepared by Intertek/Architectural Testing, Inc, Test Report No. F5235.02-801-44, dated 03/02/16, signed and sealed by Tyler Westerling, P.E. (Submitted under NOA No. 16-0607.11)
- Test Report on High Velocity Wind Driven Rain Resistance per AMCA 550-15 (Equivalent to AMCA 550-08/09) of a Model EHV-901D (Recessed Jamb) aluminum louver, prepared by Intertek/Architectural Testing, Inc, Test Report No. F5235.03-801-44, dated 03/02/16, signed and sealed by Tyler Westerling, P.E. (Submitted under NOA No. 16-0607.11)

# C. CALCULATIONS

- Structural load calculations prepared by manufacturer, dated 05/25/16, signed and sealed by Chander P. Nangia, P.E.
  (Submitted under NOA No. 16-0607.11)
- Structural load calculations (addendum) prepared by manufacturer, dated 07/05/16, signed and sealed by Chander P. Nangia, P.E.
  (Submitted under NOA No. 16-0607.11)

# D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

Manuel Perez, P.E

Manuel Perez, P.E. Product Control Examiner NOA No. 23-1030.03 Expiration Date: July 28, 2026 Approval Date: December 14, 2023

### **Greenheck Fan Corporation**

# **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

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

#### E. MATERIAL CERTIFICATIONS

1. None.

### F. STATEMENTS

Statement letter of code conformance to the FBC 7<sup>th</sup> 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. 21-0526.06)

### G. OTHERS

1. Notice of Acceptance No. **19-0516.09**, issued to Greenheck Fan Corporation for their Model EHV-901D Aluminum Louver, approved on 06/27/19 and expiring on 07/28/21.

### 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

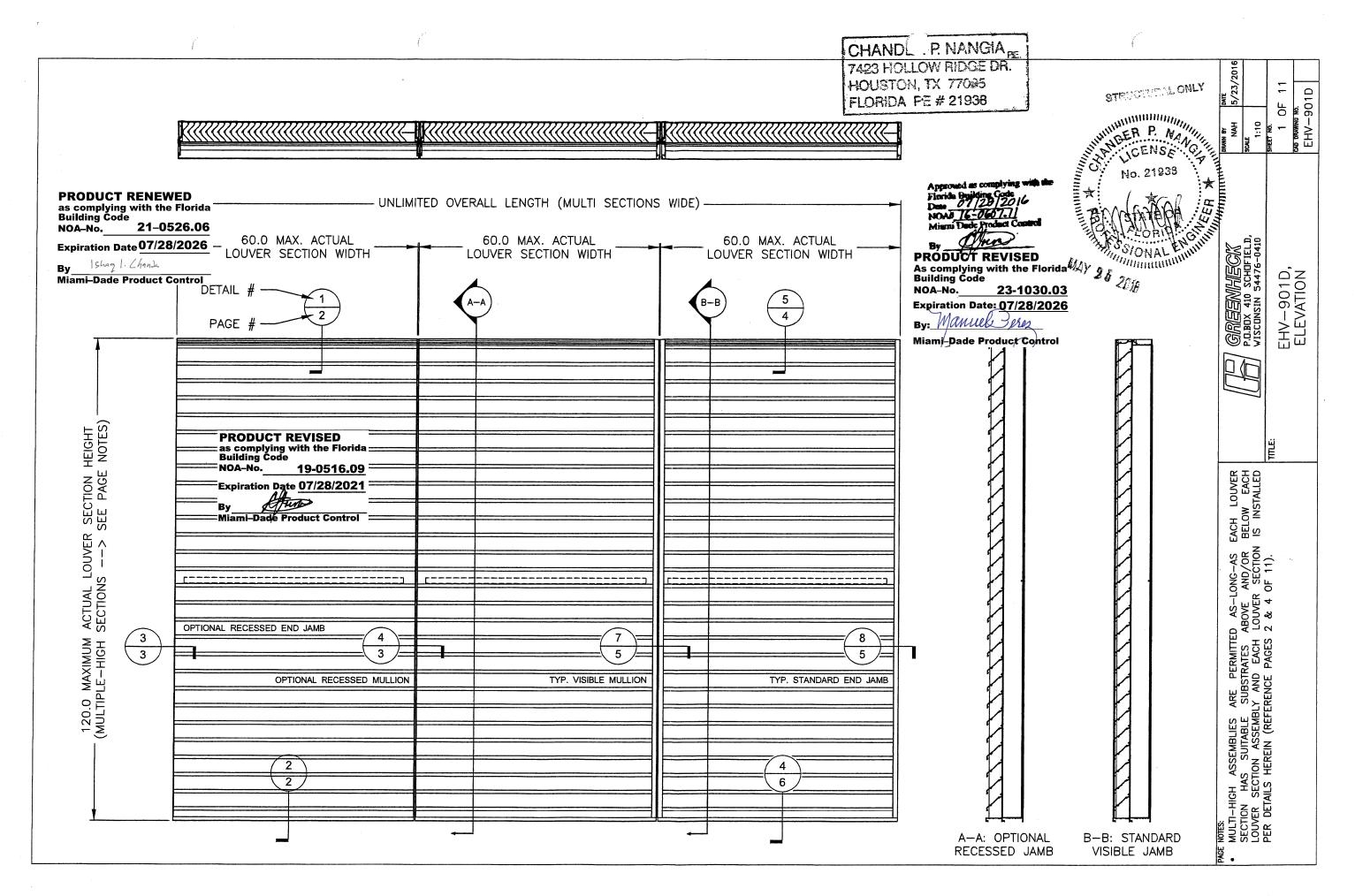
1. Statement letter of code conformance to the **FBC 8<sup>th</sup> edition (2023)** and of no financial interest, dated October 16, 2023, issued by manufacturer, signed and sealed by Robert V. Nangia, P.E.

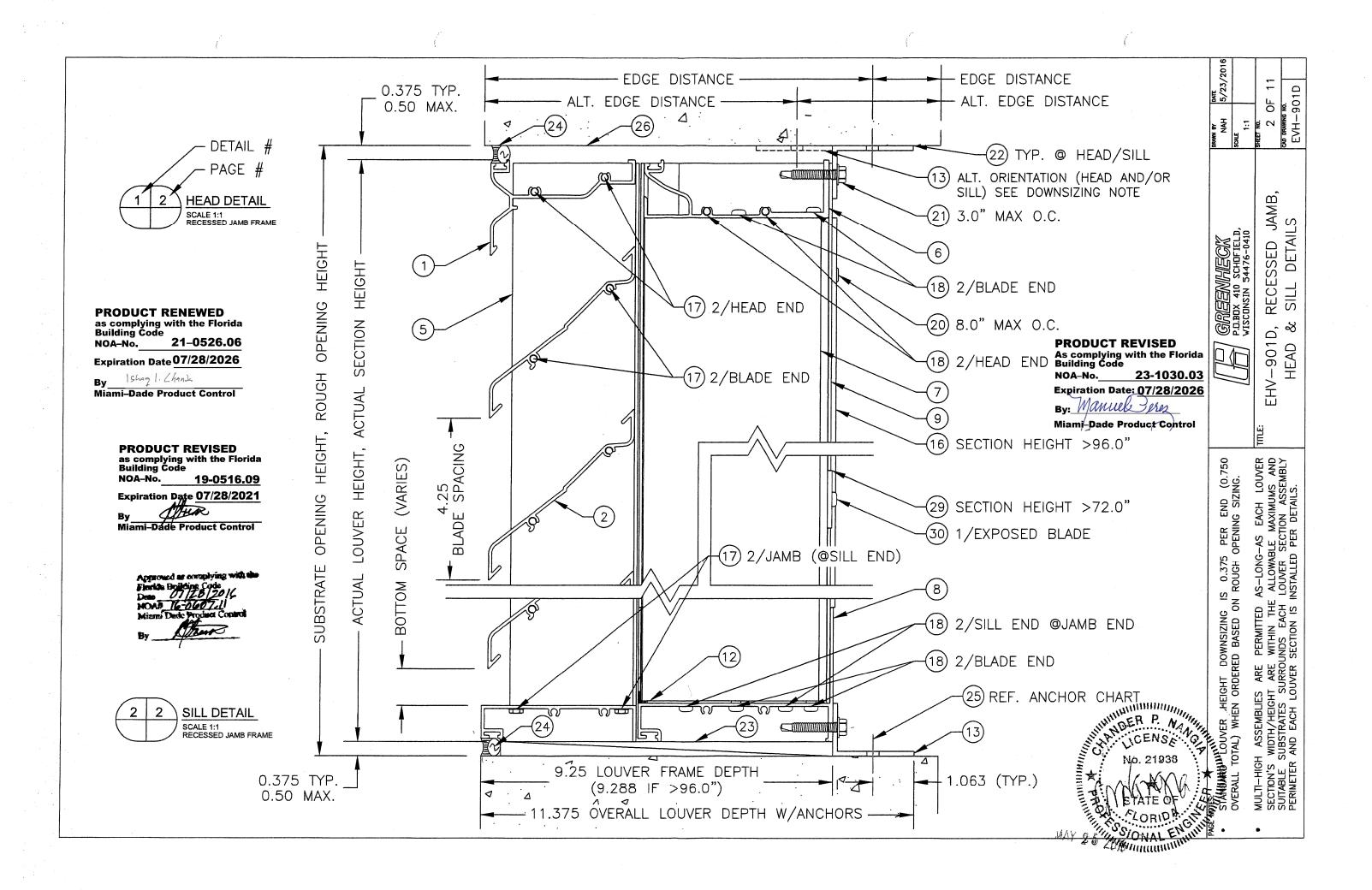
### G. OTHERS

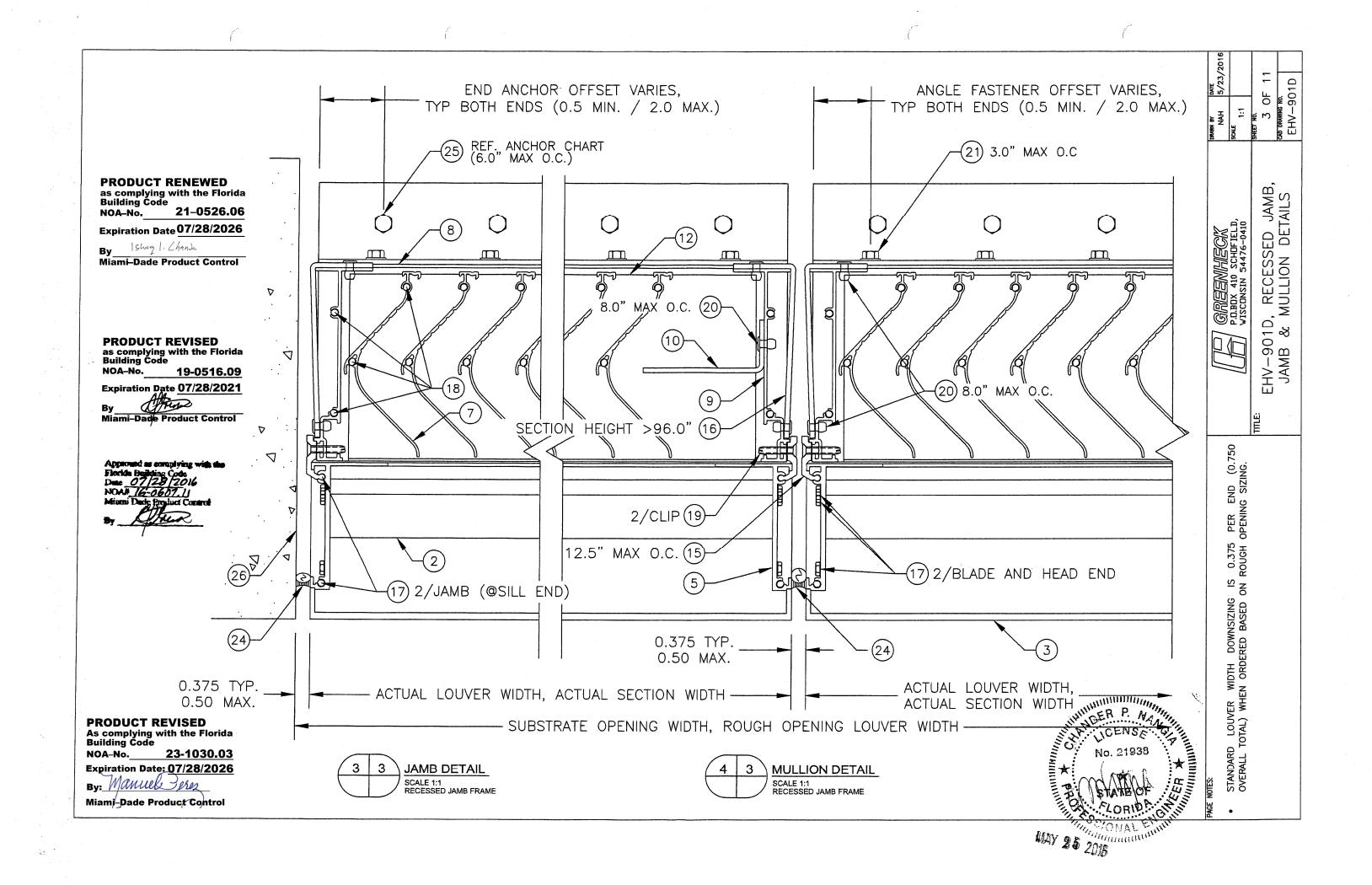
1. Notice of Acceptance No. 21-0526.06, issued to Greenheck Fan Corporation for their Model EHV-901D Aluminum Louver, approved on 07/22/21 and expiring on 07/28/26.

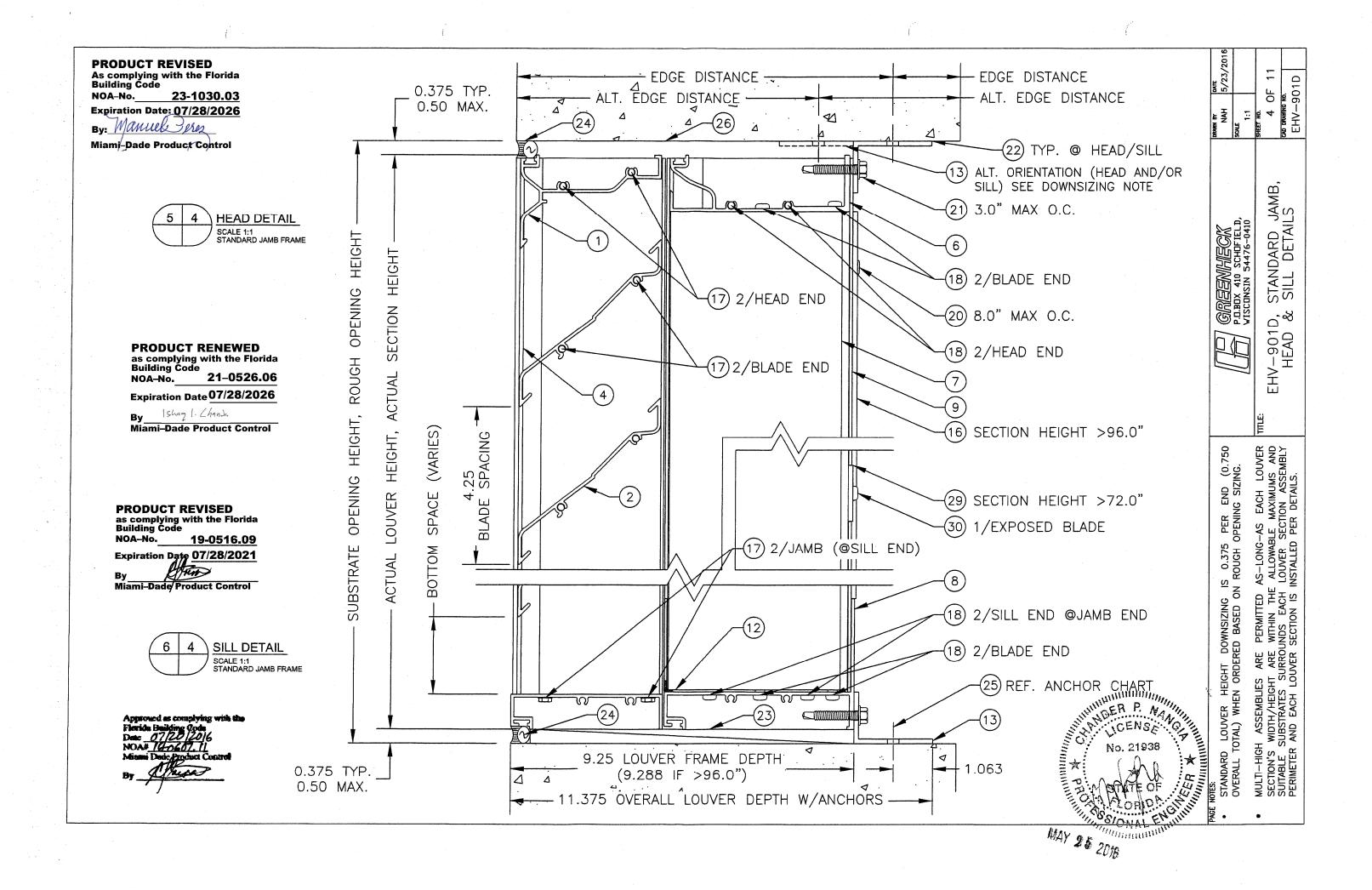
Manuel Perez, P.E.

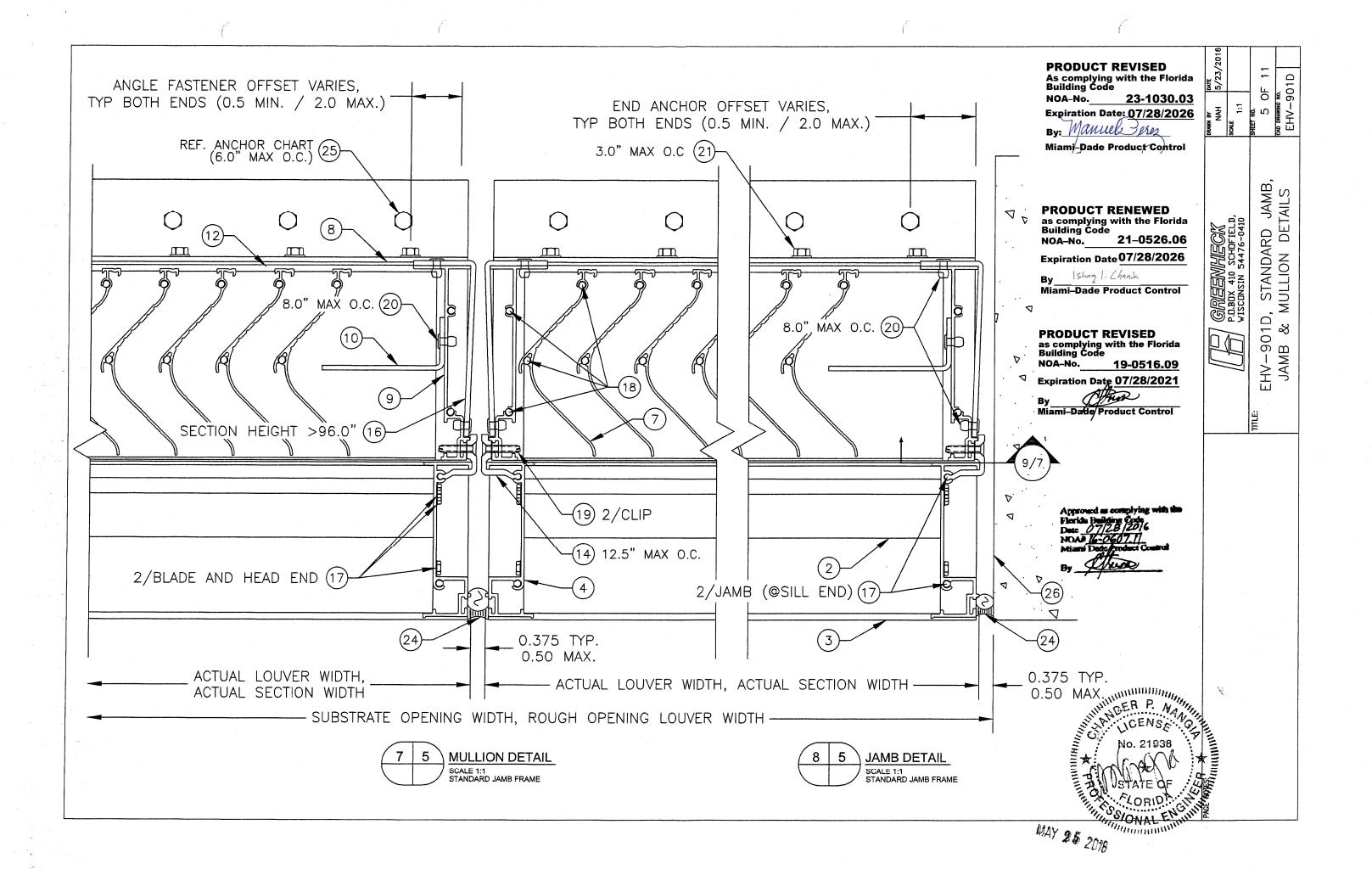
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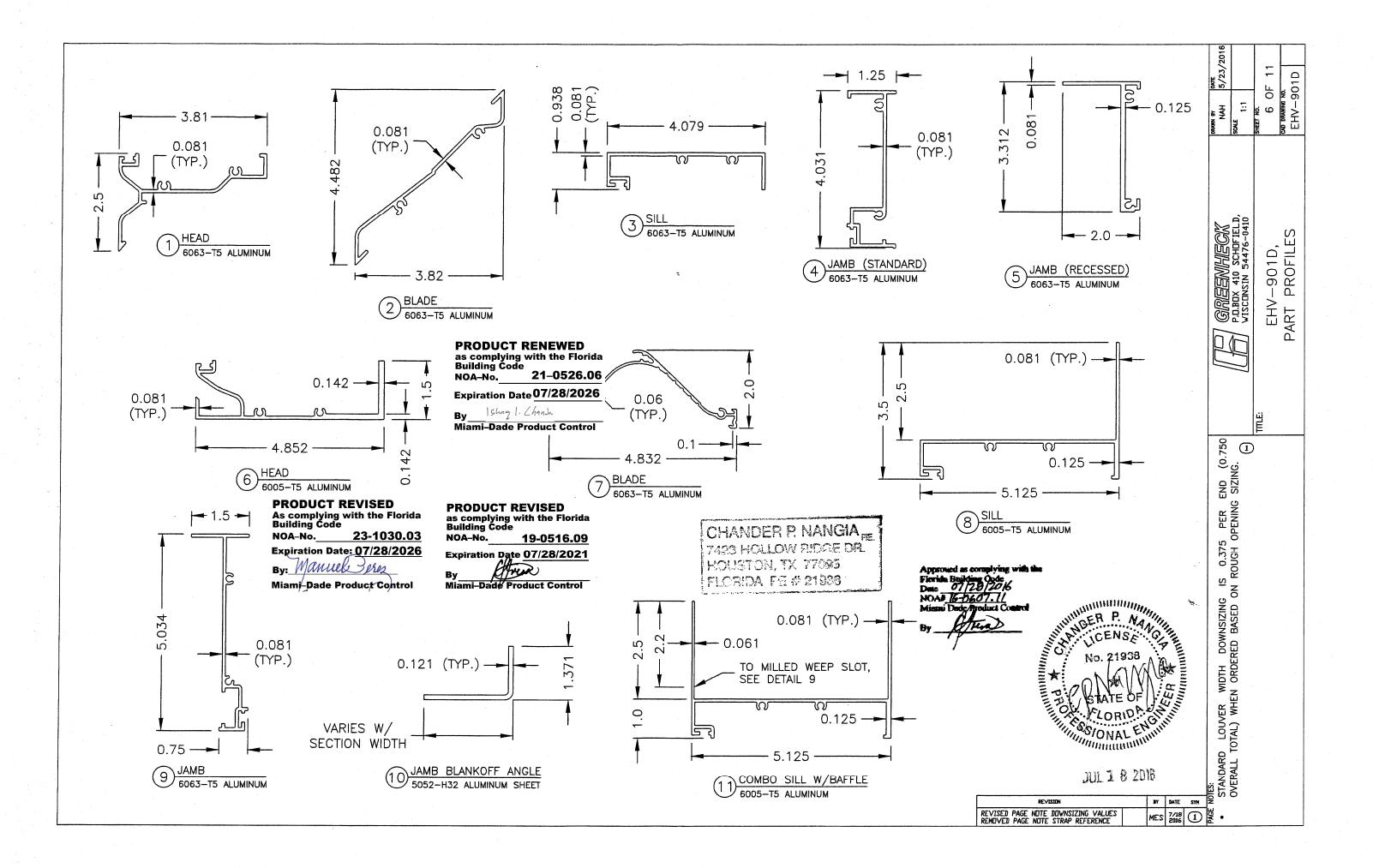


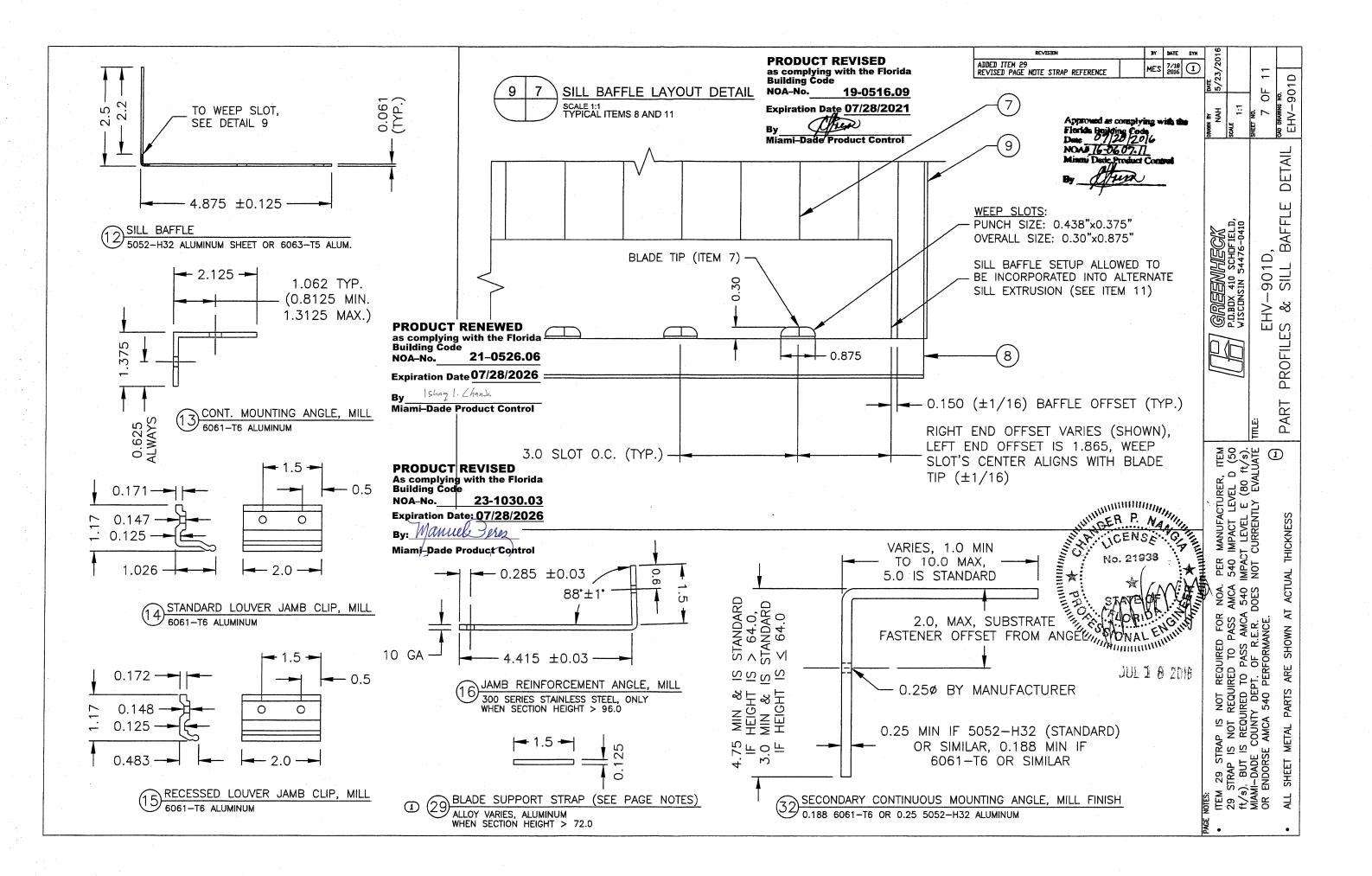


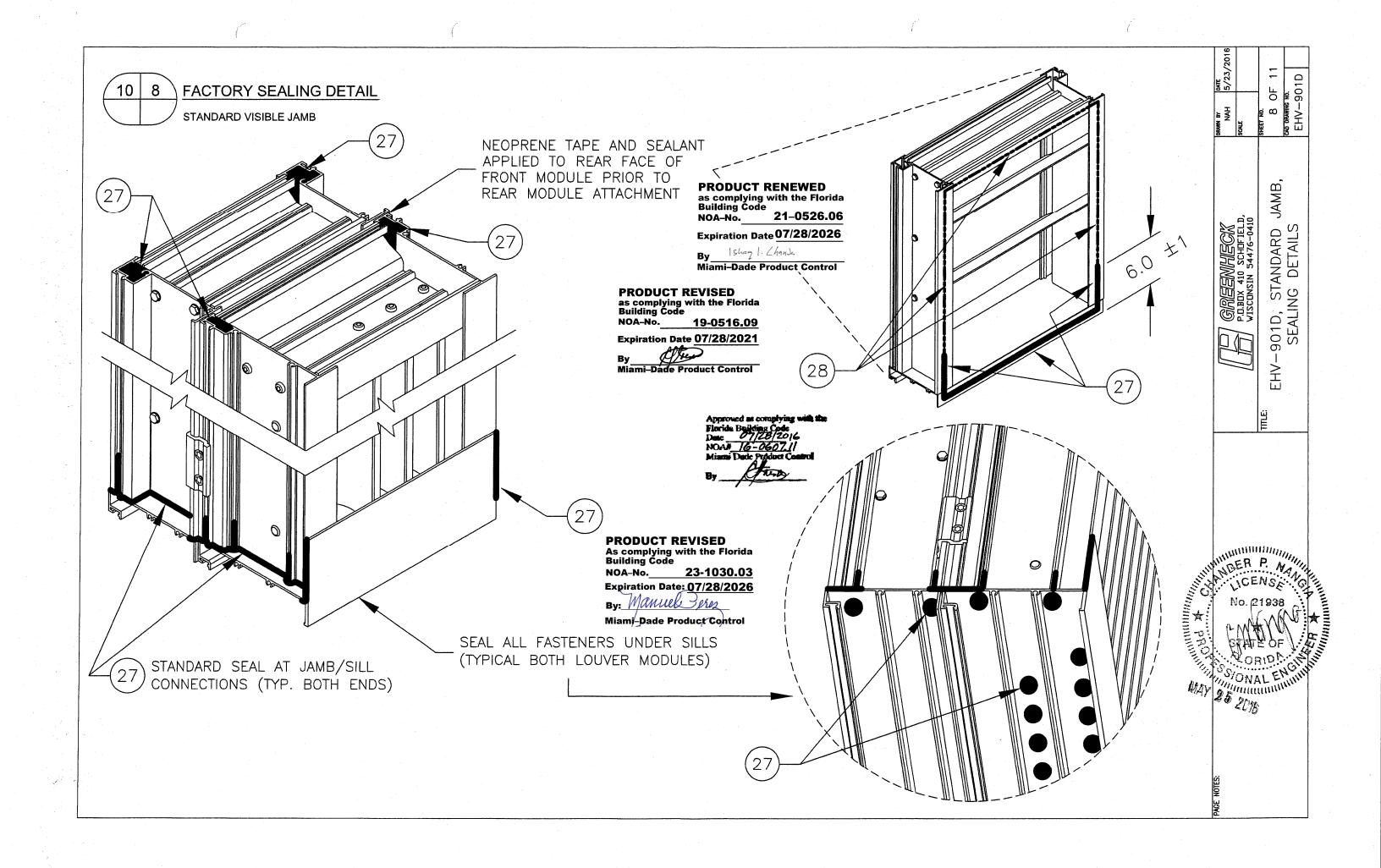


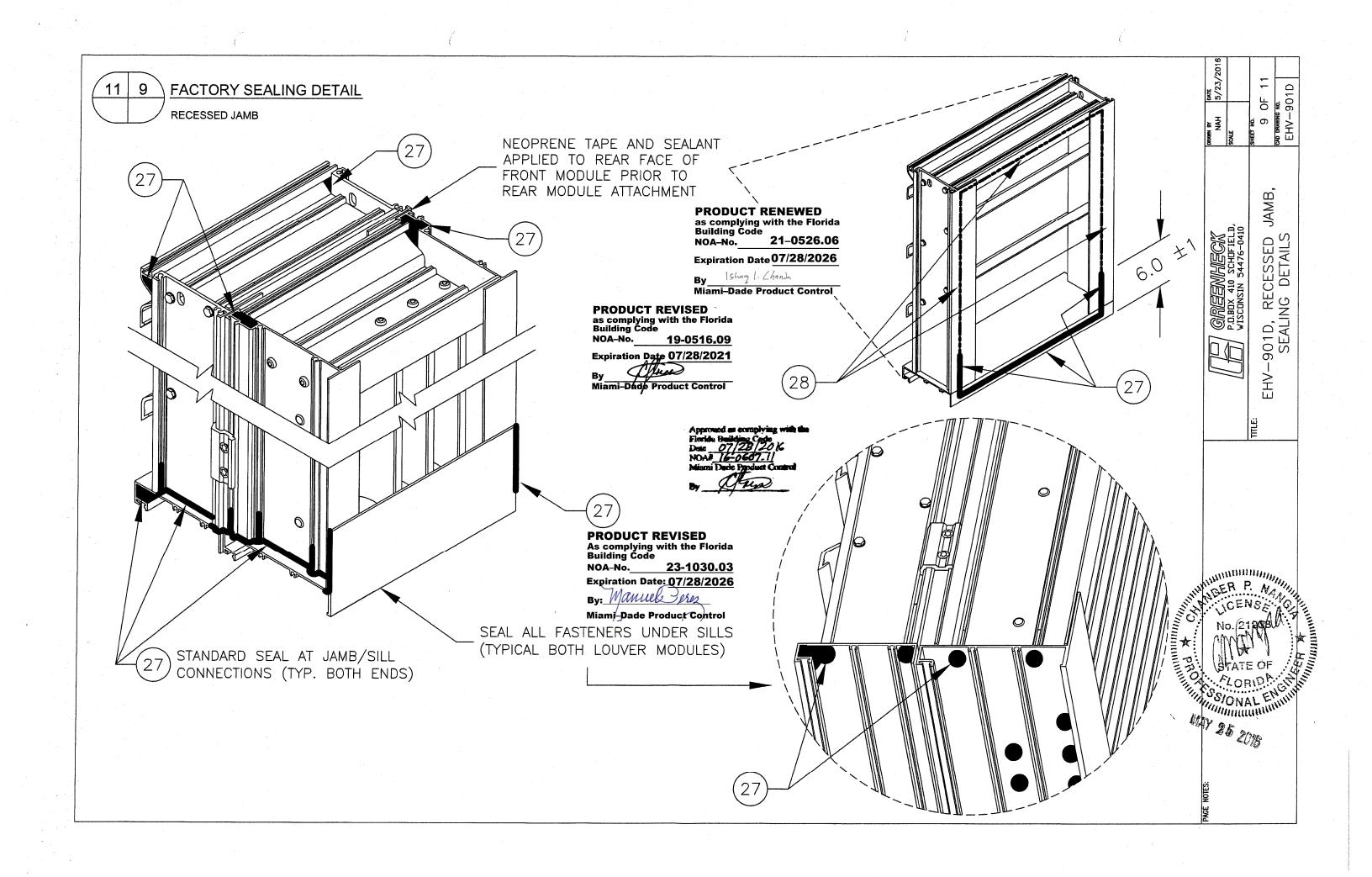












ITEM	DESCRIPTION	MATERIAL	INTERNAL ID#	NDTES	4. THE N		
1	HEAD	6063-T5 ALUMINUM	125312	FRONT MODULE			
2	BLADE	6063-T5 ALUMINUM	125049	FRONT MODULE (4.25 D.C. SPACING)	BE MC ASSEM		
3	SILL PRODUCT REVISED	6063-T5 ALUMINUM	125917	FRONT MODULE	SUPPC MAY B		
4	JAMB (STANDARD) Building Code	6063-T5 ALUMINUM	125046	FRONT MODULE (W/STANDARD JAMB OPTION)	ASSEM		
5	JAMB (RECESSED) NOA-No. 19-0516.09	6063-T5 ALUMINUM	125300	FRONT MODULE (W/RECESSED JAMB OPTION)	SUBST		
6	HEAD Expiration Date 07/28/2021	6005-T5 ALUMINUM	126069	REAR MODULE	HEAD		
7	BLADE By Herry	6005-T5 ALUMINUM	126016	REAR MODULE (1.5 D.C. SPACING)	THE H		
8	SILL Miami-Dade Product Control	6005-T5 ALUMINUM	126070	REAR MODULE	- 3000,		
9	JAMB	6063-T5 ALUMINUM	126015	REAR MODULE	5. GENER		
10	JAMB BLANKOFF ANGLE	5052-H32 ALUMINUM	100175	REAR MODULE			
1	COMBINATION SILL WITH BAFFLE	6005-T5 ALUMINUM	N/A	ALLOWED TO REPLACE ITEMS 8 AND 10	EXTR		
2	SILL BAFFLE	5052-H32 ALUMINUM	100172	REAR MODULE	BLADI		
3	CONTINUOUS MOUNTING ANGLE, PRIMARY	6061-T6 ALUMINUM	125967	REAR MODULE, AT HEAD AND SILL ONLY, MILL 12.5 MAX. CLIP SPACING (STANDARD JAMBS ONLY)			
4	STANDARD LOUVER JAMB CLIP	6061-T6 ALUMINUM	126128				
5	RECESSED LOUVER JAMB CLIP	6061-T6 ALUMINUM	126127	12.5 MAX, CLIP SPACING (STANDARD JAMBS UNLT)			
6	JAMB REINFORCEMENT ANGLE	300 SERIES SS	190232	REQUIRED WHEN SECTION HEIGHT > 96.0, MILL			
7	#10-16×2.25 SCREW	300 SERIES SS	416351	FRONT MODULE (FRAME CORNERS AND BLADE ENDS)	6. DUE 1 THE		
8	#10-16×1.25 SCREW	300 SERIES SS	416196	REAR MODULE (FRAME CORNERS AND BLADE ENDS)			
9	#10×1.0L SCREW	300 SERIES SS	416462	TWO PER CLIP, TYPICAL BOTH CLIP STYLES	WIND SPAC		
0	0.188Ø RIVET	300 SERIES SS	410402	8.0 MAX CENTERS	- LOUV		
	1/4-20 SCREW, HILTI KWIK-FLEX,	300 SERIES 33			- WHEF		
21	PROVIDED BY LOUVER MANUFACTURER	COATED STEEL	416581	3.0 MAX CENTERS, 0.5 MIN THREAD			
2	SHIM/SEPARATE DISSIMILAR MATL'S AS REQ'D	VARIES	N/A	BY DTHERS AS NEEDED			
3	SHIM, NON-COMPRESSIBLE	VARIES	N/A	BY DTHERS, DPTIONAL	EQUIF		
4	SEALANT AND BACKER ROD	VARIES	N/A	BY DTHERS, DPTIDNAL	- 7. INSTAL - DIS-S		
25	SUBSTRATE FASTENER - SEE ANCHOR TABLE (PRIMARY MOUNTING ANGLE)	SEE ANCHOR TABLE	N/A	BY OTHERS, MINIMUM OF ONE TYPE REQUIRED, SEE ANCHOR TABLE FOR ADDITIONAL INFORMATION			
	SUBSTRATE - GROUT FILLED CMU	GROUT FILLED CMU	N/A				
	SUBSTRATE - CONCRETE	CONCRETE	N/A	BY DTHERS, MINIMUM OF ONE SUBSTRATE TYPE	FOR OF D		
	SUBSTRATE - STEEL STUD	STEEL	NZA	REQUIRED, SEE ANCHOR TABLE FOR NEEDED EDGE DISTANCE, SPACING, EMBEDMENT, ETC, IT IS THE			
6	SUBSTRATE - STRUCTURAL STEEL	STEEL	N/A	RESPONSIBILITY OF THE PERMIT HOLDER TO	8. ALL A		
	SUBSTRATE - WOOD PRODUCT RENEWE		N/A	VERIFY AND TO FACILITATE SEPARATION OF	PLATE MANU		
	SUBSTRATE - ALUMINUM as complying with the F		N/A	DISSIMILAR MATERIALS.	RESIS		
7		C.06 VARIOUS	N/A	FACTURY APPLIED	COATI		
8			N/A	FACTURY APPLIED	9. STEEL		
9	BLADE SUPPERT STRAP	ALUMINUM	N/A	NOT REQUIRED FOR NOA, BUT IS ON UNITS > 72, IS NOT ATTACHED TO JAMBS, CENTERED ON BLADE ONE PER EXPOSED REAR BLADE, USED WITH ITEM 29			
0	#10×0.75 SCREW Miami-Dade Product Co	ntrol 0 SERIES SS	416108				
1	1/4-14 SCREW, 0.5 MIN THREAD	300/400 SERIES SS	416708	ONLY PROVIDED IF ORDERED WITH ITEM #33, OTHER FASTENER TYPES (BY OTHERS) ALLOWED AS PER FASTENER TABLE FOR ALUMINUM SUBSTRATE.	PART DEFIN 10. THE		
2	SECONDARY CONTINUOUS MOUNTING ANGLE	VARIES, ALUMINUM	VARIES	0.188 DR 0.25 THICK AS MAT'L TYPE REQUIRES, AT HEAD AND DR SILL DNLY, DPTIDNAL, MILL	PAGE PURP		
3	SUBSTRATE FASTENER FOR SECONDARY MOUNTING ANGLE (SEE FASTENER TABLE)	SEE ANCHOR TABLE	N/A	BY OTHERS, MINIMUM OF ONE TYPE REQUIRED, SEE ANCHOR TABLE FOR ADDITIONAL INFORMATION	DESCI		

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), TAS-202 (UNIFORM STATIC WIND PRESSURE), TAS-203 (UNIFORM CYCLIC WIND PRESSURE), AND ANSI/AMCA STANDARD 550-15 [EQUIVALENT TO AMCA STANDARD 550-08 AND ANSI/AMCA STANDARD 550-09] (HIGH VELOCITY WIND DRIVEN RAIN)

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

D AS TE. AT AT AT SEE 10. THE PART'S INTERNAL ID# SHOWN ON THIS PAGE ARE FOR FACTORY USE AND TRACKING PURPOSES AND MAY BE UPDATED AT ANY TIME. ANY UPDATES WILL NOT ALTER THE ITEM AS DESCRIBED HEREIN. ALL DIMENSIONS ARE IMPERIAL. SS = STAUNDESS STEEL INFORMATION DESCRIPTION ICENSE No. 21938 Date 07/20/2016 NO. 2010 Date 07/20/2016 NO. 2010 Date 07/20/2016 Date 07/20/2

IMUM SINGLE SECTION SIZE IS 60.0" 120.0" INCHES HIGH. SECTIONS MAY ITED TO CREATE A MULTI-WIDE Y WITHOUT ANY ADDITIONAL FIELD . SINGLE/MULTIPLE-WIDE ASSEMBLIES STACKED TO CREATE A MULTI-HIGH Y PROVIDED THERE IS ADEQUATE TE (DESIGNED AND BY OTHERS) AT THE D SILL OF EACH SECTION TO SECURE D AND SILL MOUNTING ANGLES TO THE TE AS NOTED HEREIN.

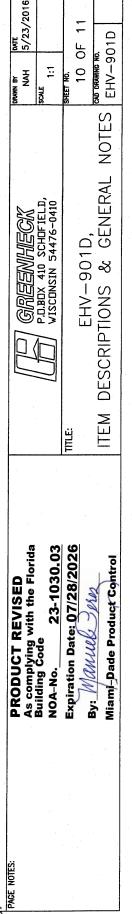
LOUVER CONSTRUCTION: HEAD, SILL, AND BLADES FOR ALL CASES ARE ED ALUMINUM. THE FRONT MODULE SPACING IS 4.25". THE REAR MODULE SPACING IS 1.5". BLADES, HEADS, AND SILLS ARE SECURED WITH TWO PER END (TYPICAL FRONT AND REAR

PASSING ANSI/AMCA STANDARD 550, JVER IS DESIGNED TO PREVENT RIVEN RAIN FROM PENETRATING THE BEHIND THE LOUVER. AS SUCH, THE MAY BE INSTALLED IN A LOCATION THE SPACE/ROOM BEHIND THE LOUVER DESIGNED TO DRAIN WATER TING INTO THE ROOM OR THE ROOM USE NON-WATER RESISTANT/PROOF INT, COMPONENTS, OR SUPPLIES.

R TO PROVIDE SEPARATION OF ILAR MATERIALS AS REQUIRED (SEE T FLORIDA BUILDING CODE). SEE OLDER BUILDING CODE SECTION 2003.8.4 DITIONAL INFORMATION ON SEPARATION SIMILAR MATERIALS.

MINUM, STAINLESS STEEL (SS), AND COATED STEEL PARTS PROVIDED BY CTURER ARE INHERENTLY CORROSION IT OR HAVE A CORROSION RESISTANT

TAINLESS STEEL, AND ALUMINUM PARTS MADE OUT OF ALTERNATE ALLOYS THAT UAL OR GREATER YIELD STRENGTH. MENSIONS ARE MINIMUMS UNLESS OTHERWISE.



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	HOLE	SEE FASTENER MANUFACTURER	FOR BOLT &	FOR BOLT & CONNECTION	4 0	SEE FASTENER MANUFACTURER INSTRUCTIONS	TENED	SEE FASTENER MANUFACTURER INSTRUCTIONS	SUBSTRATE HDLE MAX	SEE FASTENER MANUFACTURER INSTRUCTURES	FOR BOLT &	FOR BOLT & CONNECTION	SEE FASTENER MANUFACTURER INSTRUCTIONS	SEE FASTENER MANUFACTURER INSTRUCTIONS		MURTAR		PRODUCT RENEWED as complying with the Florida
	SUBSTRATE			8 FOR	1/4 3/8	EE FAS ANUFAC NSTRUC			BSTRAT	EE FAS ANUFAC			EE FAS ANUFAC NSTRUC	EE FAS ANUFAC		C-90.		NOA-No. 21-0526.06
	1.1	1-1-	S/16 NUT	3/8 NUT							11 11 12	1/4 NUT	¤₹¤	62H		ASTM		Expiration Date 07/28/2026 H By Isheg I. Chank So H Miami-Dade Product Control
	ANGLE HOLI	1/4 3/8	5/16	13/32	5/16	1/4 1/4 1/4 1/4 5/16	3/16 7/16 7/16 7/16	7/16	ANGLE HOLE MAX.	1/4	1/4	1/4	1/4 1/4 5/16 5/16	1/4		NG TD		H By Ishag I. Chank H Miami-Dade Product Control
												- 			STEEL.	CMU CONFORMING		OF HMIAMI-Dade Product Control BANAVE OF U. 44 ST MARKED FULLY STORAL ENVIRONMENT BY_
	WASHER/FLANGE	NA 13/16 AT HEAD			TUN				FASTENER WASHER/FLANGE MIN,			NUT			GRADE 2	MU CO		
		/16 AT		AN	NA 1/4 AT	E Z		AN	FASTENER WASHER/F MIN.	AN	AN	0.6 AT NA	A A A	AN	5			
									H G						MINIMUM	GROUT. SROUT. AL-VEIG		山 古 NOA-No. 19-0516.09 エロルバロ ハルロモ ハルト
		2 7/8	16 GA	14 GA	1/8 0.132	$\frac{1}{13}$	2 3/16 5 1/2 5 1/8	2 2 1/9	SUBSTRATI EMBED, MIN.	2 7/8	0.0677	0.138	1 3/4 1 3/4 1 3/4 1 7/8	N	HS OF	4,747 KSI 1624 KSI G 16HT/NDRMA		By Capario
	EDGE	1/2	3/4	1	<u>1/2</u> 3/4	3/8 1/2 1/2 1/2 1/2 1/2 2 2	1/4 1/4 3/4 2	101 II	ANGLE SU EDGE MIN.	1/2	3/4	1/2	1 1/2 3/4	പ	STRENGTHS	J ASTM C-90 FILLED WITH 4,747 KSI GROUT. WING TD ASTM C-90 WITH 1624 KSI GROUT. LIGHT-VEIGHT/MEDIUM-VEIGHT/NDRMAL-VEIGHT		$(25) + OR \Delta I$
							╁┸┹╊╸		₹						11	ED WITH 1 90 WITH 1 DIUM-VET		이 바이지 ALT. ORIENTATION (HEAD AND 이 번 0.775 TVD SILL) SEE DOWNSIZING N
		ю 9	e e	e L	e a	m		e a	MOUNTING SPACING MAX.	e e	e	e	с. С	e E	SHALL HA	C-90 FILLED ASTM C-90 VEIGHT/MEDIL		
		*		*	×	VARIES VARIES 300 SS 300 SS 410 SS 410 SS 316 SS 716FT	316 SS STEEL STEEL 300 SS			*	*	*	VARIES 410 SS 410 SS 316 SS 316 SS	300 SS	NS ST	M C-9 TD AS T-VEI		$\begin{bmatrix} 0 & H \\ 0.375 & \text{TYP.} \\ 0.50 & \text{MAX.} \\ 0.50 & \text{MAX.} \\ 0.50 & \text{MAX} & 0.0. \\ 0.50$
FACTENED						>> \overline 4 4 \overline 0		4 0					<u>&gt;446</u>	Ř	D SCREWS		SNC.	
				SCREW	SCREV		T PLUS		SECONDARY		SCREW	SCREW	AD		BOLT AND	irming ti Confor Type II,	RUCTI	SUBSTRATE SUBSTRATE
CLIRCTDATE	HEAD SI			<b>JNI</b> 44		410 SS) 410 SS) 0 10 10 10	-BOLT GE-BOLT						410 SS) RGE HE E-BOLT		DTHER BC	CONFO	MANUFACTURER'S INSTRUCTIONS	
N N N	il X				CUTTING/TAPPING	VEDGE	VEDGE-		e Hex He		CUTTING/TAPPING		or 410 or large vedge-bc			5 N 5	TURER	
ITEM	ARE			1		WHITE, WHITE, WHITE, MHIL H TLANGEI	STEEL VI US POVERS		ARE				WHITE, SMALL 1 STEEL US			VIDE, VIDE, VIDE,	NUFAC	EDGE DISTANCE
	TENERS			НКГАЛ	THREAD			4 LT PLUS	TENERS		THREAD	Ā	LUE, S4, T PL			ING, 6" 'ING, 6" 'ING, 6"		REF. ANCHOR CHART (33 (3.0" MAX O.C.)
	L FASTEN		8	۲.		BUILDEX TAPCON (BLUE, BUILDEX TAPCON (BLUE, ELCO AGGRE-GATOR ELCO ULTRACON SS4 ELCO CRETE-FLEX SS4, ELCO CRETE-FLEX SS4, POVERS 316 STAINLESS POVERS WEDGF-BRIT FS1	STAIN GE-BUI UNCRA	GE-BOL	L FASTEN		R	R	TAPCON (BL TRACON SS4 ETE-FLEX S 316 STAINL WEDGE-BOL	GATDR	MUMI	THE FOLLOWING THE FOLLOWING THE FOLLOWING	FASTENER	
	E (ALL	SCREW			V/ NUT	X TAPCON X TAPCON NGGRE-GATI NGTRACON ULTRACON RETE-FLE S 316 STAI S VEDGE-F	S 316 S VED DR DR	ULTRACON RS VEDGE-	E (ALL	SCREW	W/ NUT	W/ NUT	X TAP	AGGREGATDR	H WIN	포 포 프	SEE	
	TYPE	LAG SC	F		BOLT V	BUILDE BUILDE BUILDE CLCO CLCO CLCO CLCO CCCO CCCO CCCO CCC	DVER.	POVERS	ТҮРЕ	LAG SC	א דום	BOLT V	BUILDEX TAPCON (1 ELCO ULTRACON SS ELCO CRETE-FLEX POWERS 316 STAIN POWERS WEDGE-BOI	ELCO A	GTHS [	E E E E	USED,	3.812 MIN (LESS IF SHIMS USED) [WITH
	DIA.	3/8	1/4-20		<u>1/4-20</u> 3/8-16	- -  <b>-</b>   <b>-</b>   <b>-</b>   <b>-</b>   <b>-</b>   <b>-</b>   <b>-</b>   <b>-</b>   <b>-</b>	3/8		DIA	1/4 1	20	1/4-20 I	1/4	1/4 E	STREN	SHALL SHALL SHALL	FASTENER	ITEM 32 WITH A NON-TRIMMED 5"
		-i m			3/1	+ 	- m	- m		-	1/4	1/4			HAVE STRENGTHS OF MINIMUM GRAI		<u> </u>	ORIENTATION OF ITEM 13] TO 9.813 MAX, DRAWN HERE: 8" (7.625") CMU WALL
ATE	THICKNESS MIN.	e e e	16 GA	14 GA	0,132	NDTE 4	-	ຎຓ	THICKNESS MIN.	ю	0.0677	0.138 1/8	NDTE 4			MASUNKY ( MASONRY ( MASONRY (	SIZE (	12.625 AS DRAWN HERE WITH 8" CMU,
SUBSTRATE	LIAL TI	0.42	5		15		KSI KSI NDTE	NDTE	SUBSTRATE RIAL THICK N. M.	0,42		113		NDTE		e mas fe mas fe mas	VITH :	LEG IS 14.813" IF WALL DEPTH IS MA
26,	MATE	G 2 0	A36	<b>A</b> 36	6063-T5	2 KSI 3 KSI 2,3 KSI 2,9 KSI 3,4 KSI 3,4 KSI 2,5 KSI 2,5 KSI	20 X 21 X 21 X 21 X 21 X 21 X 21 X 21 X 21		26, MATE MI	פ א ס	<b>A</b> 36	6063- 6005- 6061-	2 KSI 2.9 KSI 3.4 KSI 4 KSI 2 KSI		AG SCF	NUTE JI CUNCKETE MASLINKY (I NOTE 2: CONCRETE MASONRY ( NOTE 3: CONCRETE MASONRY ( MUST BE TYPE N.	41 VARIES STAINLESS	12 11 OPTIONAL SECONDARY CONTINUOUS MOL
ITEM	TYPE	VCCD	STFFI		ALUMINUM	CONCRETE	201 TUD	FILLED	ITEM TYPE	ADD V	STEEL	ALUMINUM	CDNCRETE	GROUT FILLED CMU	*	- 0 0	E 41 V = STAI	STANDARD OR RECESSED JAMB FRAME, HEAD IS TYPICAL OF SHOWN
		3		>	ALU	CO			⊢	>	5	ALU	CON	병탄이	NDTE	NDTE NDTE MUST	SS NOT	3

