

Ruskin Company 3900 Dr. Greaves Road Grandview, MO 64030

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 ELF6375DXD Aluminum Louver

APPROVAL DOCUMENT: Drawing No. **60-022277-00B**, titled "ELF6375DXD Approval Drawings", sheets 1 through 25 of 25, dated 03/23/2012, with revision G dated 07/18/2022, prepared by Ruskin Company, signed and sealed by Jeffrey D. Smith, P.E. on 10/11/2022, 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, Geneva, AL and Juarez Mexico, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

LIMITATION: This louver is to be installed in a location where the room behind the louver is designed to drain water penetrating 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 revises NOA # 22-0809.01 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 Sifang Zhao, P.E.



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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **60-022277-00B**, titled "ELF6375DXD Approval Drawings", sheets 1 through 25 of 25, dated 03/23/2012, with revision G dated 07/18/2022, prepared by Ruskin Company, signed and sealed by Jeffrey D. Smith, P.E. on 10/11/2022. "*Submitted under NOA # 22-0809.01*"

B. TESTS

- 1. Test report on Large Missile Impact Test per PA 201, Cyclic wind Pressure Test per PA 203 and Uniform Static Air Pressure Test per PA 202 of "Open, Extruded Aluminum Louver Assembly," prepared by Construction Research Laboratory Inc., Report No.**97-1124.22**, dated 08/04/2000 and revised on 12/18/2000, signed and sealed by N. S. Balsara, P.E. "Submitted under NOA # 01-0328.04"
- 2. 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 ELF6375DXD Aluminum Louvers", prepared by National Certified Testing Laboratories, Report No. **210-3780-1**, dated 03/26/2012, signed and sealed by Gerard J. Ferrara, P.E. "Submitted under NOA # 12-0601.22"

3. 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 ELF6375DXD Aluminum Louvers", prepared by National Certified Testing Laboratories, Report No. **NCTL-210-4234-01**, dated 01/10/2022, signed and sealed by Douglas J. McDougall, P.E. *"Submitted under NOA # 22-0809.01"*

C. CALCULATIONS

- ELF6375DXD louver wind load review, prepared by Ruskin Company, dated 05/04/2016, signed and sealed by Daniel J. Rau, P.E.
 "Submitted under NOA # 16-0519.10"
- 2. ELF6375DXD clip angle installation Dade County wind load review, prepared by Ruskin Company, dated 08/06/2010, signed and sealed by Daniel J. Rau, P.E. *"Submitted under NOA # 11-0408.05"*
- **3.** Louver wind load review prepared by Ruskin Company, dated 07/19/2022, signed and sealed by Jeffrey D. Smith, P.E. *"Submitted under NOA # 22-0809.01"*

Sifang Zhao, P.E. Product Control Examiner NOA No. 23-1116.09 Expiration Date: July 9, 2026 Approval Date: February 01, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

- 1. Distributor agreement dated 09/22/2016. "Submitted under NOA # 16-0519.10"
- Statement letter of code conformance to the 5th edition (2014) FBC issued by Ruskin Company, dated 05/04/2016, signed and sealed by Daniel J. Rau, P.E.
 "Submitted under NOA # 16-0519.10"
- **3.** Statement letter of code conformance to 2010 FBC and no financial interest, issued by Ruskin Company, dated 04/26/2012, signed and sealed by Daniel J. Rau, P.E. *"Submitted under NOA # 12-0601.22"*
- **4.** Statement letter of code conformance to the 6th edition (2017) FBC issued by Ruskin Company, dated 10/09/2017, signed and sealed by Daniel J. Rau, P.E. *"Submitted under NOA # 17-1025.02"*
- 5. Statement letter of code conformance to 7th Edition (2020) of the FBC and of no financial interest, prepared by Ruskin Company, dated 03/08/2022, signed and sealed by Jeffrey D. Smith, P.E. "*Submitted under NOA # 22-0809.01*"
- 6. Statement letter of code conformance to the 8th Edition (2023) of the FBC and of no financial interest, issued by Ruskin Company, dated 10/30/2023, signed and sealed by Jeffrey Devon Smith, P.E.

G. OTHER

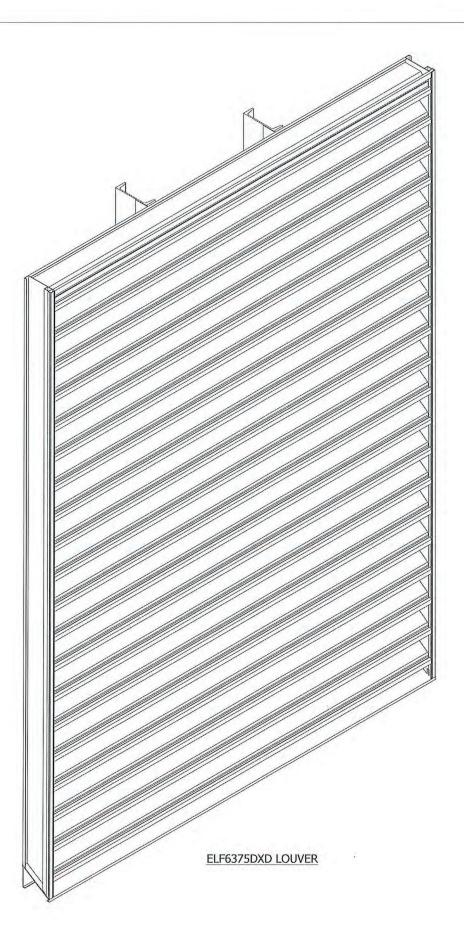
1. This NOA revises NOA # 22-0809.01 for the 8th edition (2023) of the FBC update.

Sifang Zhao, P.E. Product Control Examiner NOA No. 23-1116.09 Expiration Date: July 9, 2026 Approval Date: February 01, 2024

ITEM #	PARTS	210.2.3	ERIAL	ALLOY	
1	HEAD FRAME	2.00.000	XTRUDED ALUM.	6063-T6	
2	SILL FRAME		XTRUDED ALUM.	6063-T6	
3	JAMB FRAME		XTRUDED ALUM.	6063-T6	
4	DRAINABLE BLADE		XTRUDED ALUM.	6063-T6	
5	BLADE BRACE		XTRUDED ALUM.	6063-T6	
6	BLADE/MULLION SUPPORT ATTACHMENT AND		0.125" THK. EXTRUDED ALUM.		
7	3/8-16 X 1.500" LG A307 GRADE A HHB W/ WASHER & LOCKNUT		PLATED	6063-T6 -	
-	INSTALLATI	ON PARTS			
ITEM #	DESCRIPTION	MATE	RTAL	ALLOY	
8	ATTACHMENT CLIP ANGLE	0.250" THK EXT	12121212	6063-T6	
9	ALTERNATE CLIP ANGLE - FORMED	0.250" THK FC		3003-H14	
10	STRUCTURAL ATTACHMENT ANGLE, 18" LG.	0.250 THK PC		3003-114	
11	ATTACHMENT ANGLE (CMU)	0.250" THK EXT		6063-T6	
12	SUPPORT ATTACHMENT PLATE	0.250 THK EXT		0003-10	
13	SUPPORT ATTACHMENT PLATE	0.250" THK			
14	SCREW #10-16 X 1.500" LG. HWH SDS	410SS/ZIN		-	
15	3/8-16 X 3.000" LG A307 GRADE A HHB W/ WASHER & LOCKNUT	ZINC P			
16	1/4-20 X 1.500" LG A307 GRADE A HHB W/ WASHER & LOCKNUT	ZINC P	ZINC PLATED		
17	3/8-16 X 2.000" LG A307 GRADE A HHB W/ WASHER & LOCKNUT	ZINC P	LATED		
18	SUBSTRATE FASTENER (BY OTHERS) VARIES (REF TABLE 1/08 , 2/17 , 3/22)				
	UNIVERSAL SL	FEVE PARTS			
ITEM #	DESCRIPTION	the second s	TERIAL	ALLOY	
ITEM # 19	DESCRIPTION HEAD FRAME W/INTEGRAL FLANGE	MAT	TERIAL EXTRUDED ALUM.	ALLOY 6063-T6	
		0.125" THK. E	XTRUDED ALUM.		
19	HEAD FRAME W/INTEGRAL FLANGE	MAT 0.125" THK. E 0.125" THK. E	XTRUDED ALUM. XTRUDED ALUM.	6063-T6 6063-T6	
19 20	HEAD FRAME W/INTEGRAL FLANGE SILL FRAME W/INTEGRAL FLANGE	MAT 0.125" THK. E 0.125" THK. E 0.080" THK. E	XTRUDED ALUM.	6063-T6	
19 20 21	HEAD FRAME W/INTEGRAL FLANGE SILL FRAME W/INTEGRAL FLANGE JAMB FRAME W/INTEGRAL FLANGE	MAT 0.125" THK. E 0.125" THK. E 0.080" THK. E 0.250" THK	XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM.	6063-T6 6063-T6 6063-T6	
19 20 21 22	HEAD FRAME W/INTEGRAL FLANGE SILL FRAME W/INTEGRAL FLANGE JAMB FRAME W/INTEGRAL FLANGE FRONT FLANGE UNIVERSAL SLEEVE	MAT 0.125" THK. E 0.125" THK. E 0.080" THK. E 0.250" THK 3S 0.250" THK E	XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. FORMED ALUM. XTRUDED ALUM.	6063-T6 6063-T6 6063-T6 3003-H14	
19 20 21 22 23	HEAD FRAME W/INTEGRAL FLANGE SILL FRAME W/INTEGRAL FLANGE JAMB FRAME W/INTEGRAL FLANGE FRONT FLANGE UNIVERSAL SLEEVE CONT. RETAINING ANGLE - HEAD/SILL/JAME	MAT 0.125" THK. E 0.125" THK. E 0.080" THK. E 0.250" THK E 0.250" THK E 0.250" THK E	XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. FORMED ALUM.	6063-T6 6063-T6 6063-T6 3003-H14 6063-T6	
19 20 21 22 23 24	HEAD FRAME W/INTEGRAL FLANGE SILL FRAME W/INTEGRAL FLANGE JAMB FRAME W/INTEGRAL FLANGE FRONT FLANGE UNIVERSAL SLEEVE CONT. RETAINING ANGLE - HEAD/SILL/JAME CONT. RETAINING ANGLE - JAMBS	MAT 0.125" THK. E 0.125" THK. E 0.080" THK. E 0.250" THK E 0.250" THK E 0.250" THK E	XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. FORMED ALUM. XTRUDED ALUM. XTRUDED ALUM.	6063-T6 6063-T6 6063-T6 3003-H14 6063-T6 6063-T6	
20 21 22 23 24 25	HEAD FRAME W/INTEGRAL FLANGE SILL FRAME W/INTEGRAL FLANGE JAMB FRAME W/INTEGRAL FLANGE FRONT FLANGE UNIVERSAL SLEEVE CONT. RETAINING ANGLE - HEAD/SILL/JAME CONT. RETAINING ANGLE - JAMBS US SUPPORT ATTACHMENT ANGLE, 5" LG. 1/2-13 X 1.500" LG A307 GRADE A HHB W/	MAT 0.125" THK. E 0.080" THK. E 0.250" THK E 0.250" THK E 0.250" THK E 0.250" THK E 0.250" THK E 2.250" THK E	XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. FORMED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM.	6063-T6 6063-T6 6063-T6 3003-H14 6063-T6 6063-T6	
19 20 21 22 23 24 25 26	HEAD FRAME W/INTEGRAL FLANGE SILL FRAME W/INTEGRAL FLANGE JAMB FRAME W/INTEGRAL FLANGE FRONT FLANGE UNIVERSAL SLEEVE CONT. RETAINING ANGLE - HEAD/SILL/JAME CONT. RETAINING ANGLE - JAMBS US SUPPORT ATTACHMENT ANGLE, 5" LG. 1/2-13 X 1,500" LG A307 GRADE A HHB W/ WASHER & LOCKNUT 1/2-13 X 2.000" LG A307 GRADE A HHB W/	MAT 0.125" THK. E 0.080" THK. E 0.250" THK E 0.250" THK E 0.250" THK E 0.250" THK E 0.250" THK E 2 ZINC	XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. FORMED ALUM. TRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. PLATED	6063-T6 6063-T6 6063-T6 3003-H14 6063-T6 6063-T6	
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19 20 21 22 23 24 25 26 27 28 28 H.V.E ITEM #	HEAD FRAME W/INTEGRAL FLANGE SILL FRAME W/INTEGRAL FLANGE JAMB FRAME W/INTEGRAL FLANGE FRONT FLANGE UNIVERSAL SLEEVE CONT. RETAINING ANGLE - HEAD/SILL/JAME CONT. RETAINING ANGLE - JAMBS US SUPPORT ATTACHMENT ANGLE, 5" LG. 1/2-13 X 1.500" LG A307 GRADE A HHB W/ WASHER & LOCKNUT 1/2-13 X 2.000" LG A307 GRADE A HHB W/ WASHER & LOCKNUT SCREW 1/4-20 X 1.000" LG. HWH SDS 3.S. / MULLION SUPPORTS OPT DESCRIPTION LOUVER H ANG 2 X 2 X .25 UP TO	MAT 0.125" THK. E 0.125" THK. E 0.250" THK E 2INC 2INC 2INC EIGHT RANGE 27" TALL	XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. PLATED PLATED NC COATED ON SECTION MATERIAL A36 STEEL	6063-T6 6063-T6 3003-H14 6063-T6 6063-T6 6063-T6 - - - - -	
19 20 21 22 23 24 25 26 27 28 28 H.V.E ITEM # 29 30	HEAD FRAME W/INTEGRAL FLANGE SILL FRAME W/INTEGRAL FLANGE JAMB FRAME W/INTEGRAL FLANGE FRONT FLANGE UNIVERSAL SLEEVE CONT. RETAINING ANGLE - HEAD/SILL/JAME CONT. RETAINING ANGLE - JAMBS US SUPPORT ATTACHMENT ANGLE, S" LG. 1/2-13 X 1,500" LG A307 GRADE A HHB W/ WASHER & LOCKNUT 1/2-13 X 2.000" LG A307 GRADE A HHB W/ WASHER & LOCKNUT SCREW 1/4-20 X 1.000" LG. HWH SDS 3.S. / MULLION SUPPORTS OPT DESCRIPTION LOUVER H ANG 2 X 2 X .25 UP TO CHAN C3 X 4.1 GREATER TI	MAT 0.125" THK. E 0.125" THK. E 0.250" THK. E 0.250" THK E 21NC 21NC 41055/ZI IONS BASED C EIGHT RANGE 27" TALL 4AN 27" TO 74"	XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. PLATED PLATED NC COATED NN SECTION MATERIAL A36 STEEL A36 STEEL	6063-T6 6063-T6 6063-T6 3003-H14 6063-T6 6063-T6 6063-T6 	
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19 20 21 22 23 24 25 26 27 28 28 H.V.E ITEM # 29 30	HEAD FRAME W/INTEGRAL FLANGE SILL FRAME W/INTEGRAL FLANGE JAMB FRAME W/INTEGRAL FLANGE FRONT FLANGE UNIVERSAL SLEEVE CONT. RETAINING ANGLE - HEAD/SILL/JAME CONT. RETAINING ANGLE - JAMBS US SUPPORT ATTACHMENT ANGLE, 5" LG. 1/2-13 X 1.500" LG A307 GRADE A HHB W/ WASHER & LOCKNUT 1/2-13 X 2.000" LG A307 GRADE A HHB W/ WASHER & LOCKNUT SCREW 1/4-20 X 1.000" LG. HWH SDS 3.S. / MULLION SUPPORTS OPT DESCRIPTION LOUVER H ANG 2 X 2 X .25 UP TO CHAN C3 X 4.1 GREATER TI CHAN C4 X 5.4 GREATER TI	MAT 0.125" THK. E 0.125" THK. E 0.250" THK. E 0.250" THK E 21NC 21NC 41055/ZI IONS BASED C EIGHT RANGE 27" TALL 4AN 27" TO 74"	XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. XTRUDED ALUM. PLATED PLATED NC COATED NN SECTION MATERIAL A36 STEEL A36 STEEL	6063-T6 6063-T6 6063-T6 3003-H14 6063-T6 6063-T6 6063-T6 	

NOTES

- 1. THE ELF6375DXD HAS BEEN TESTED IN ACCORDANCE WITH FLORIDA PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT, UNIFORM PRESSURE AND CYCLIC WIND PRESSURE.
- 2. THIS LOUVER SYSTEM IS APPROVED FOR APPLICATIONS WITH DESIGN PRESSURES OF ± 148 PSF OR LESS.
- 3. THIS LOUVER SYSTEM IS NON-BEARING AND IS NOT DESIGNED TO WITHSTAND BUILDING DEAD LOADS.
- 4. IT SHALL BE RESPONSIBILITY OF PERMIT HOLDER/BUILDING DESIGN ENGINEER OF RECORD TO VERIFY THE STRUCTURAL INTEGRITY OF THE STRUCTURE TO SUPPORT THE LOADS IMPOSED BY THIS LOUVER SYSTEM.
- 5. MAXIMUM SINGLE SECTION SIZE IS 87 7/8" WIDE X 119 3/4" HIGH.
- 5. MAXIMUM ASSEMBLED LOUVER SIZE : UNLIMITED WIDE X 119 3/4" HIGH. MAXIMUM MULLION SPACING IS 87 7/8".
- 7. SECTIONS OR ASSSEMBLIES MAY BE STACKED VERTICALLY PROVIDED A SUITABLE STRUCTURAL SUPPORT IS DESIGNED AND INSTALLED BY OTHERS TO SUPPORT ALL LOADS TRANSFERRED FROM THE LOUVER.
- 3. THIS LOUVER SYSTEM IS TO BE INSTALLED IN LOCATIONS WHERE THE ROOM BEHIND THE LOUVER IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM AND THE ROOM WILL HOUSE WATER RESISTANT / WATER PROOF EQUIPMENT, COMPONENTS OR SUPPLIES.
- 9. ALL CMU BLOCKS MUST BE GROUT FILLED. MIN. PRISM STRENGTH OF 1500 PSI AT TIME OF INSTALLATION. CMU BLOCKS MUST BE MIN. TYPE 1, GRADE N, LIGHT, MEDIUM OR NORMAL WEIGHT PER ASTM C90. GROUT AND MORTAR MUST COMPLY WITH FLORIDA BUILDING CODE.
- 10. PART NUMBERS WITH SQUARE BALLOONS ARE "SHIP LOOSE PARTS".
- 11. ALL FASTENERS SHALL BE CORROSION RESISTANT.





C-C - CENTE
D - SUBSTRA
DIM DIME
FLG FLANG
HDG - HOT I
H.V.B.S H
H.H.B.S H
HWH -HEX W
L.D LOUVI
MAX MAXI
MIN MINI
NOM NOM
N.T.E NOT
N.T.S NOT
O/C - ON CE
OPP OPPC
R.O ROUG
REFREFER
S.S SHIP S
S.S.D SHI
S.D.S SEL
SIM SIMIL
STL - STEEL
SUB SUBS
TYP TYPIC
U.N.O UNI

SHEET		
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SHEET		
SHEET	04	-
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SHEET	19	-
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SHEET	22	
SHEET	23	-
SHEET	24	-
SHEET		

PRODUCT REVISED as complying with the Florida Building Code 23-1116.09 NOA-No.

Expiration Date 07/09/2026 00

Miami-Dade Product Control

Bv

JEFFREY DEVON SMITH, P.F. NO. 91182

ABBREVIATIONS:

CONT. - CONTINUOUS C-C - CENTER TO CENTER ATE DEPTH INSION GE DIPPED GALVANIZED HIDDEN VERTICLE BLADE SUPPORT IDDEN HORIZONTAL BLADE SUPPORT WASHER HEAD IMUM MUM INAL T TO EXCEED ENTER OSITE GH OPENING RENCE SECTION IP SECTION DIMENSION F DRILLING SCREW LAR TRATE

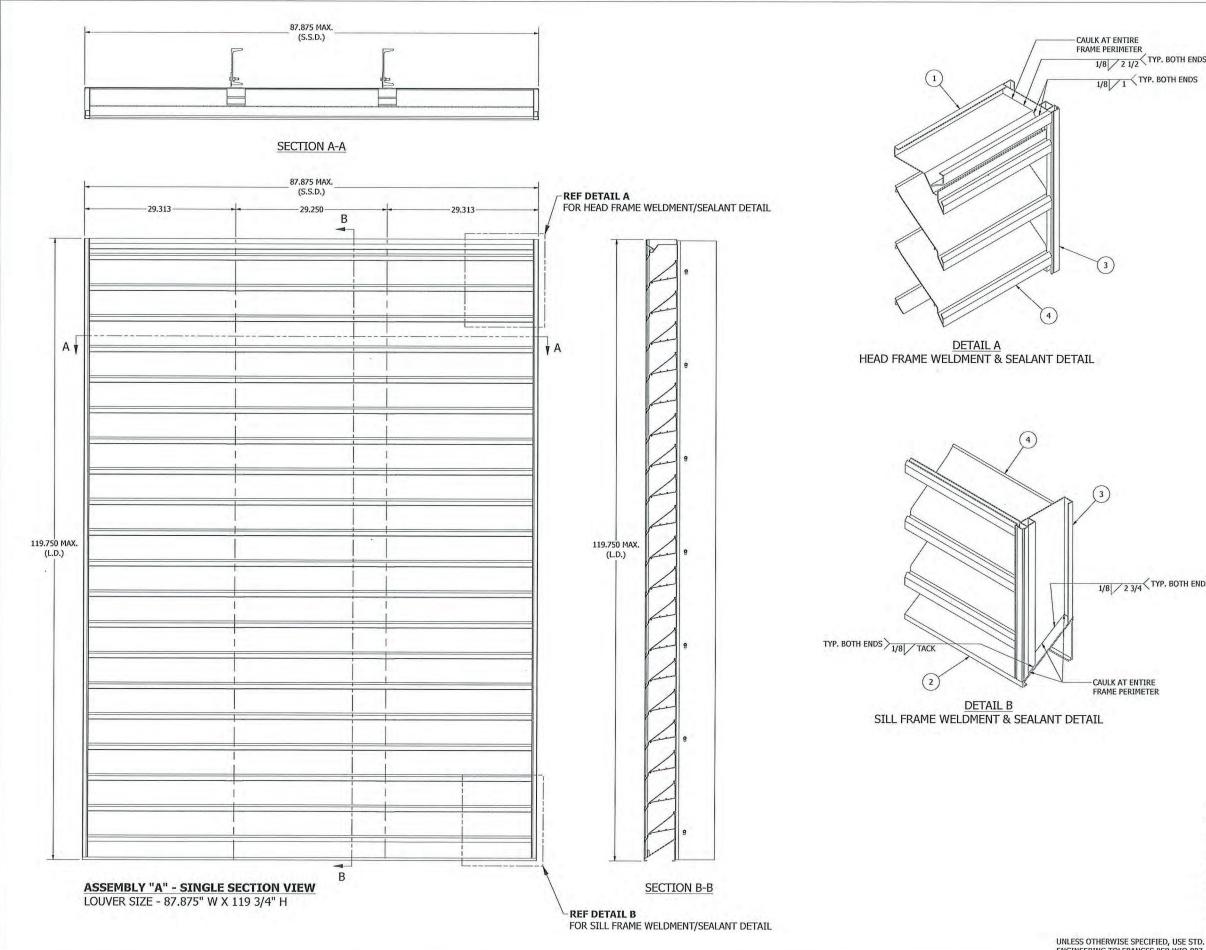
CAL LESS NOTED OTHERWISE

DRAWING SHEET INDEX:

SHEET 01 - NOTES, PARTS LIST, DRAWING INDEX, ISO VIEW ASSEMBLY "A" - BASIC ASSEMBLY & WELDMENT DETAILS - ASSEMBLY "A" - MULTI-SECTION 3X1 - ASSEMBLY "A" - METAL & CONCRETE INSTALL ASSEMBLY "A" - CMU INSTALL - ASSEMBLY "A" - UNIVERSAL SLEEVE INSTALL - ASSEMBLY "A" - INSTALLATION DETAILS @ JAMB ASSEMBLY "A" - WOOD INSTALL, SUBSTRATE FASTENER TABLE PARTS (ITEMS 1 THRU 6, 8 & 9) PARTS (ITEMS 10 THRU 13, 19 THRU 21) PARTS (ITEMS 22), SUPPPORT ATTACHMENT PLATE - WELDMENT DETAIL PARTS (ITEMS 23 THRU 25, 29 THRU 34) NOTES, PARTS LIST, DRAWING INDEX, ISO VIEW-100PSF - ASSEMBLY "B" - BASIC ASSEMBLY-100PSF (JAMB ONLY ATTACHMENT) - ASSEMBLY "B" - MULTI SECTIONS_96X60 (JAMB ONLY ATTACHMENT) ASSEMBLY "B" - CMU/NON CMU INSTALL ASSEMBLY "B" - UNIVERSAL SLEEVE INSTALL ASSEMBLY "C" - BASIC ASSEMBLY-100 PSF (PERIMETER ATTACHMENT_ 120X90) - ASSEMBLY "C" - MULTI SECTIONS_120X90 - ASSEMBLY "C" - CMU/NON CMU INSTALL ASSEMBLY "C" - UNIVERSAL SLEEVE INSTAL ASSEMBLY "C" - UNIVERSAL SLEEVE AND CMU/NON-CMU INSTALL PARTS (ITEMS 35 THRU 39, 41 THRU 44)

PARTS (ITEMS 45 THRU 48, 51) SHEET 25 - PARTS (ITEMS 50 THRU 60)

	G	REV'D E INFO.	ENGINEER OF	RECORD, UPDA	ATED	NS	JDS	VMA	JDS	07/18/22
	F	REV'D FOR 100 PSF WINDLOAD			RVT	JDS	VMA	JDS	04/14/22	
	E	REV'D E INFO.	REV'D ENGINEER OF RECORD, UPDATED			NS	JDS	WRT	ммм	09/25/20
	REV	-	DESCRI	PTION		BY	CHK	APVD	APVD	DATE
	AUTHOR	DJR	2/17/2012	2.01	10			3900 Do		
	CHECKED	DRP	DRP 3/23/2012 CRUS			KI	N		iew, MO	
	APPROVE	DRP	3/23/2012	AUTHORI				VFIDENT		
	APPROVE	D PRODUCT				ELF6375DXD				
	MATERIAL			NOTES, PARTS LIST, DRAWING INDEX					X	
SPECIFIED, USE STD.				SIZE D	D	NG NO	60-02	2277-00	в	REV G
RANCES PER WIQ-007	ECN 120	011	7/8/2022	SCALE NONE	-1	INVENTO	RS	HEET 1	DF 25	



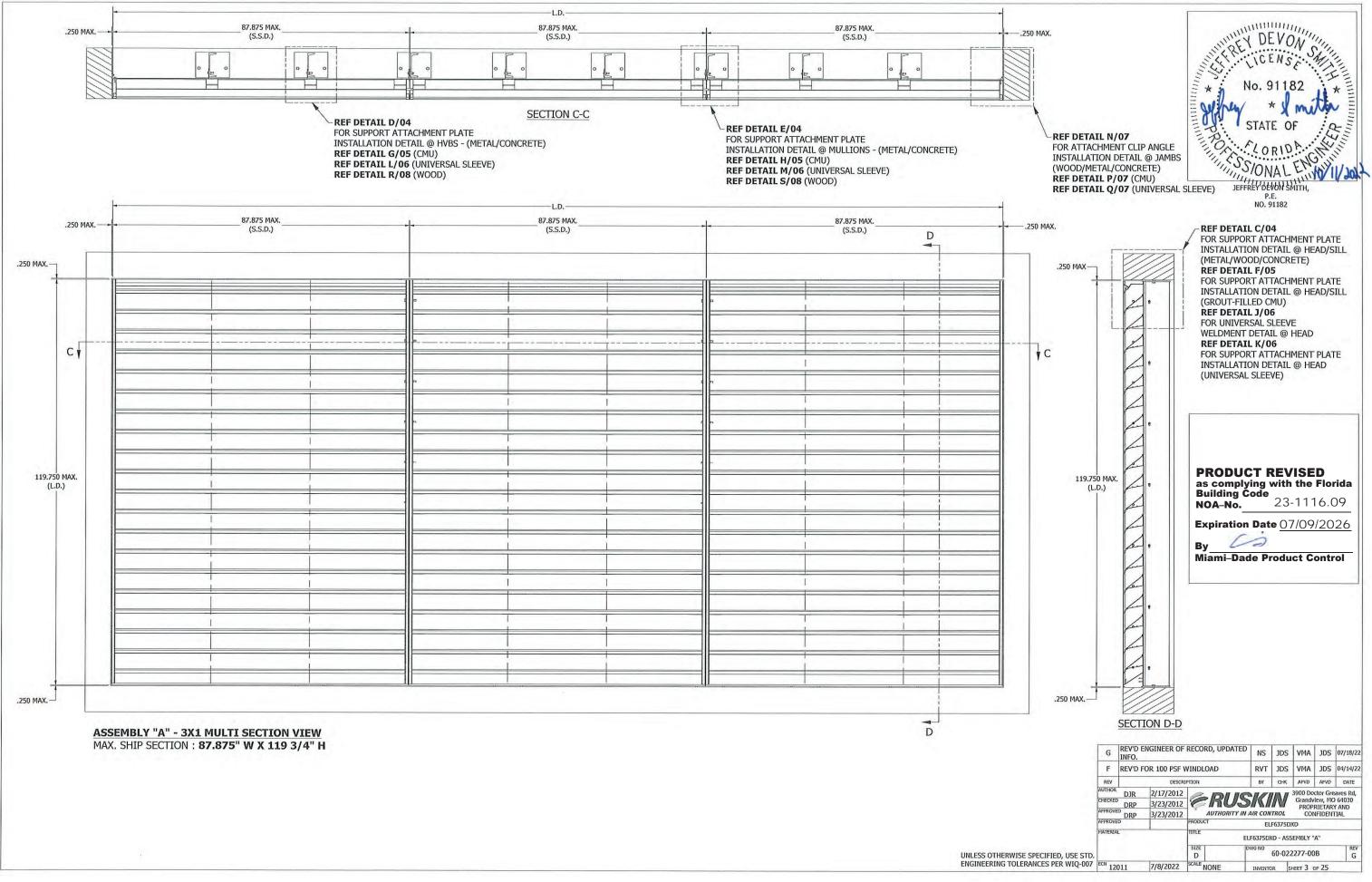
ENGINEERING TOLERANCES PER WIQ-007

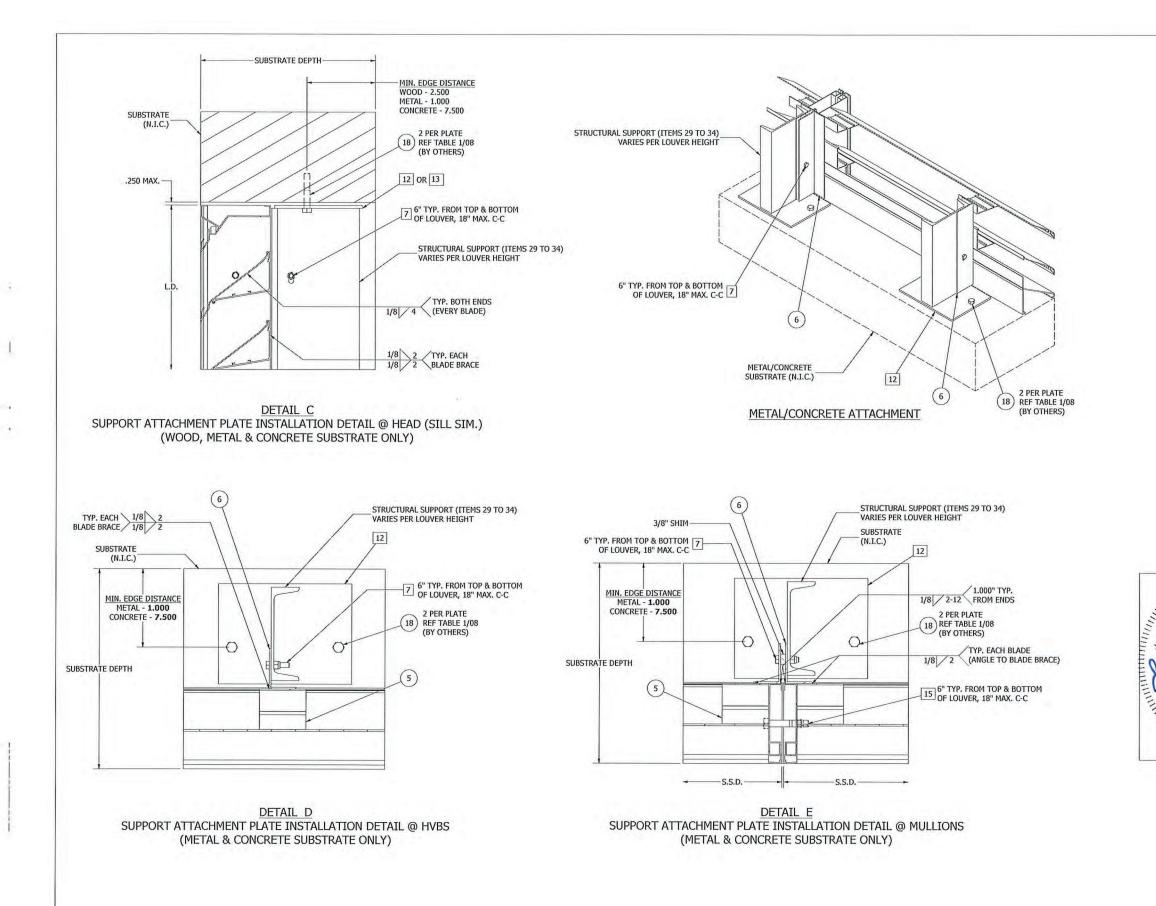
1/8 2 1/2 TYP. BOTH ENDS DEVON DEVON No. 91182 * OF STATE LORID JEFFREY DEVON SMITH, P.E. P.E. NO. 91182 **PRODUCT REVISED** as complying with the Florida Building Code NOA-No. 23-1116.09 Expiration Date 07/09/2026 00 By Miami-Dade Product Control 1/8 2 3/4 TYP. BOTH ENDS G REV'D ENGINEER OF RECORD, UPDATED INFO. NS JDS VMA JDS 07/18/22 RVT JDS VMA JDS 04/14/22 F REV'D FOR 100 PSF WINDLOAD REV'D ENGINEER OF RECORD, UPDATED Е NS JDS WRT MMM 09/25/20 INFO. REV BY CHK APVD APVD DATE DESCRIPTION AUTHOR DJR 2/17/2012 CHECKED DRP 3/23/2012 APPROVED DRP 3/23/2012 APPROVED DRP 3/23/2012 APPROVED DRP 3/23/2012 PRODUCT PRODUCT DRP 3/23/2012 PRODUCT DRP ELF6375DXD ASSEMBLY "A" - BASIC ASSEMBLY & DETAILS VG NO 60-022277-00B D

7/8/2022 SCALE NONE

G

INVENTOR SHEET 2 OF 25



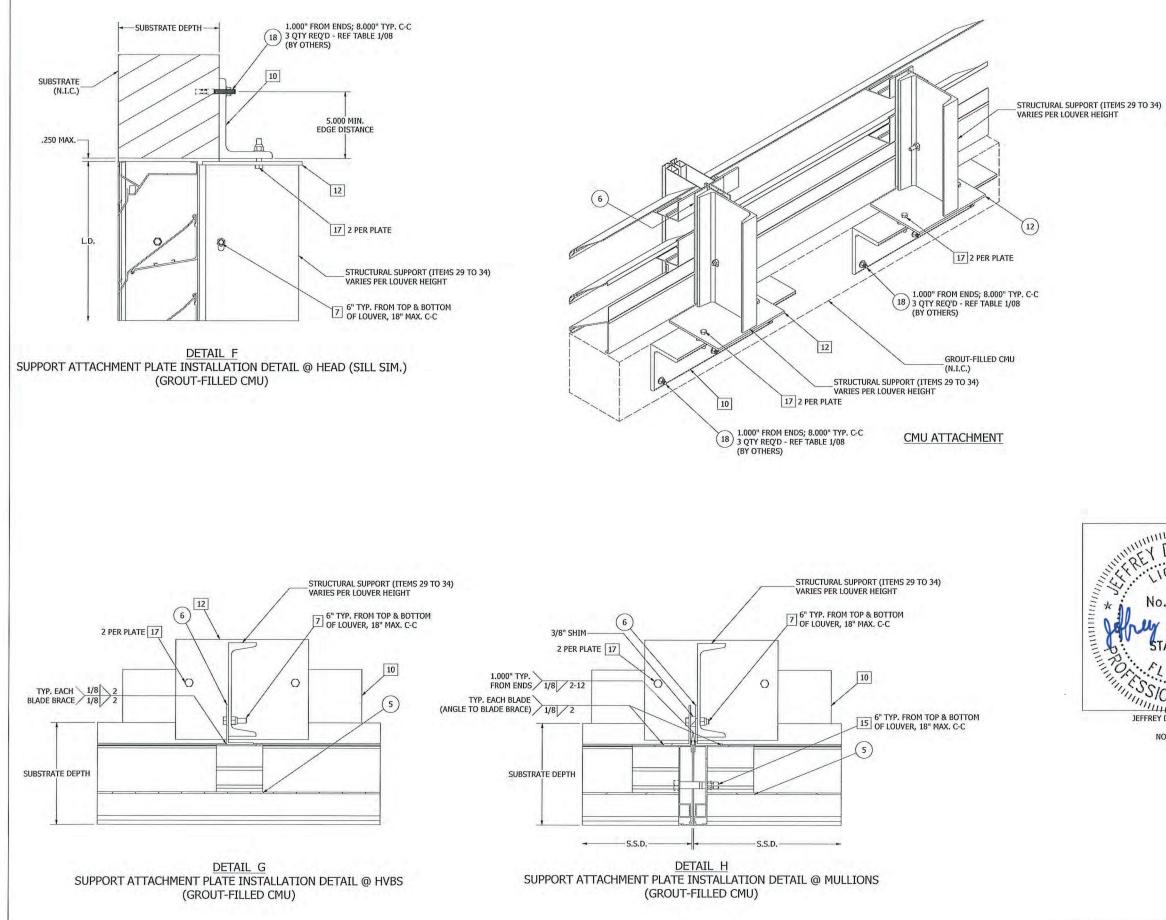


UNLESS OTHERWISE SPECIFIED, USE STD. ENGINEERING TOLERANCES PER WIQ-007

DEVON DEVONS PRODUCT REVISED 1111 as complying with the Florida Building Code No. 91 23-1116.09 NOA-No. Expiration Date 07/09/2026 STATE 00 SSIONAL ENVI By SSIONAL ENTIN Miami-Dade Product Control P.E. NO. 91182 G REV'D ENGINEER OF RECORD, UPDATED NS JDS VMA JDS 07/18/22 INFO. F REV'D FOR 100 PSF WINDLOAD RVT JDS VMA JDS 04/14/22 REV'D ENGINEER OF RECORD, UPDATED E NS JDS WRT MMM 09/25/20 INFO. BY CHK APVD APVD DATE REV DESCRIPTION CHECKED DIR 2/17/2012 3900 Doctor Greaves Rd, Grandview, MO 64030 PROPRIETARY AND AUTRX DJR 2/17/2012 CHECKED DRP 3/23/2012 APPROVED DRP 3/23/2012 APPROVED DRP 3/23/2012 PPROVED DRP 3/23/2012 CONFIDENTIAL ELF6375DXD ASSEMBLY "A" (METAL, CONCRETE INSTALL)

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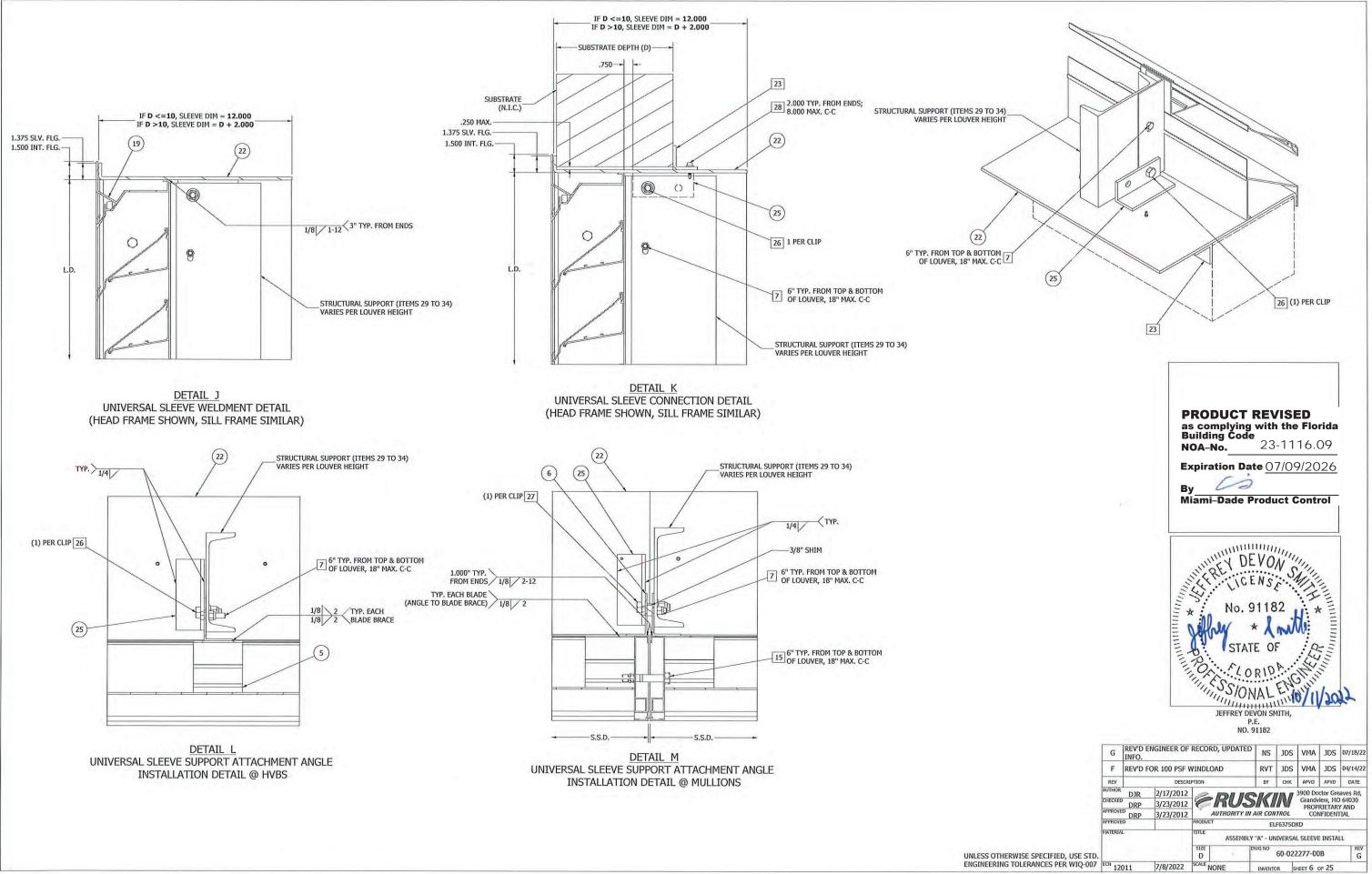


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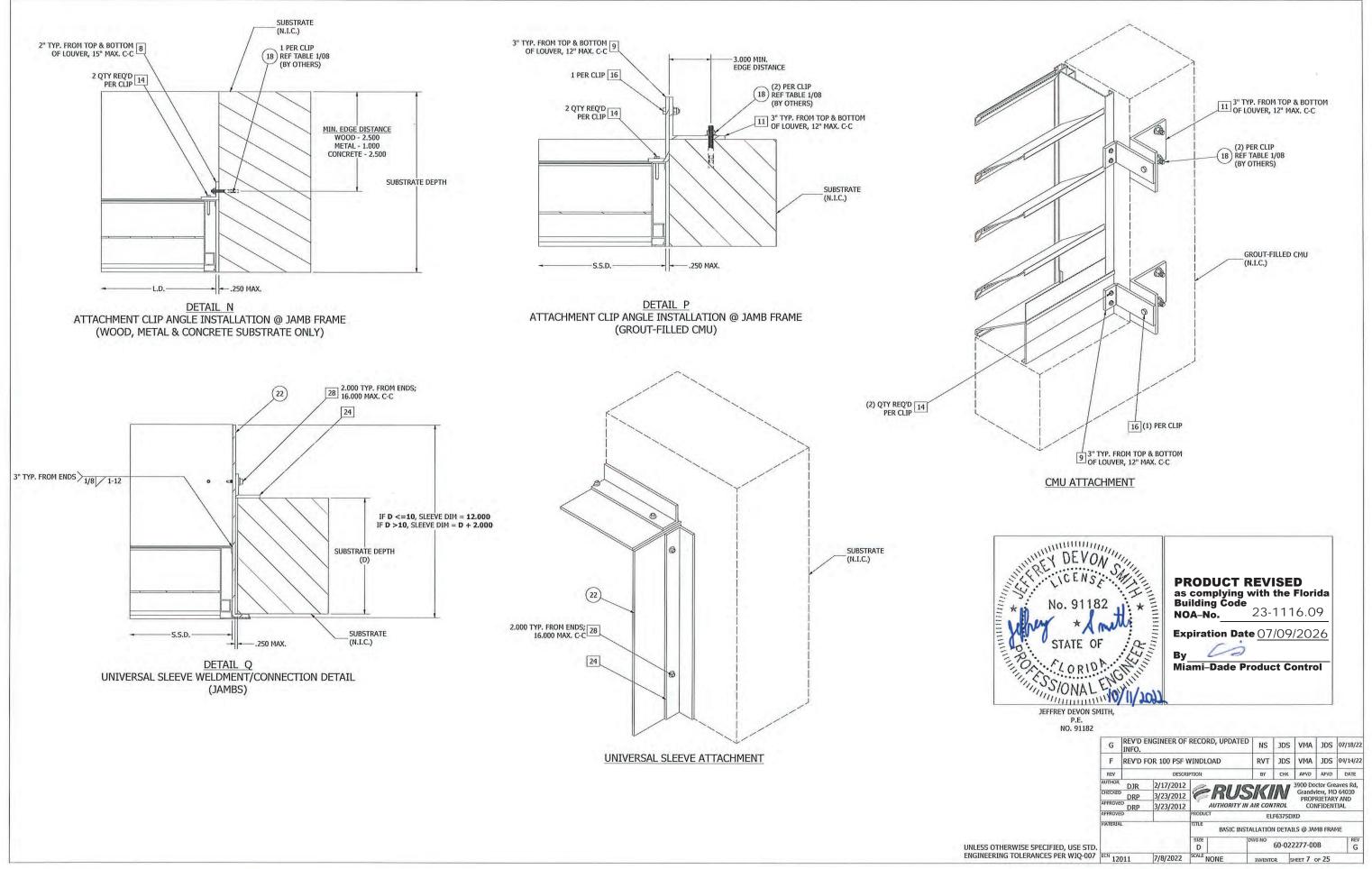
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NO. 91182 NO. 91182 MY * STATE OF STATE OF		PRODUCT REV as complying with Building Code NOA-No. 23 Expiration Date 07 By Miami-Dade Produ	the 11 ⁻ 7/09	Floi 16.0 9/20	09 <u>26</u>	
FFREY DEVON SMITH, P.E. NO. 91182						
3	G REV'D EN	NGINEER OF RECORD, UPDATED	NS	JDS	VMA	JDS

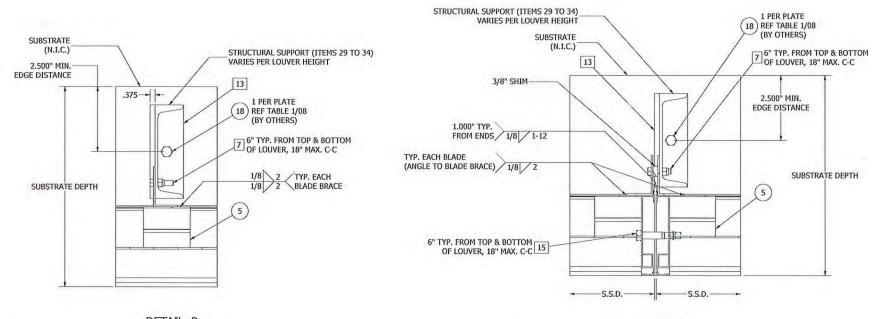
	G	REV'D ENGINEER OF RECORD, UPDATED INFO.			NS	JDS	VMA	JDS	07/18/22	
	F	REV'D F	REV'D FOR 100 PSF WINDLOAD			RVT	JDS	VMA	JDS	04/14/22
	E	REV'D E INFO.	REV'D ENGINEER OF RECORD, UPDATED			NS	JDS	WRT	ммм	09/25/20
	REV		DESCRIPTION			BY	CHK	APVD	APVD	DATE
	AUTHOR	DJR	2/17/2012	1						aves Rd,
	CHECKED	DRP	3/23/2012	10	RUS		N		iew, MO	
	APPROVE			1 al	AUTHORITY IN	AIR CON	TROL		VFIDENT	
	APPROVE	D		PRODUC	ज	EL	F6375D	KD		
	MATERIA	L		TITLE	AS	SEMBLY '	'A" - CM	U INSTA	LL	
SPECIFIED, USE STD.				SIZE D		DWG NO	60-022	2277-00)B	REV G
	ECN 12	011	7/8/2022	SCALE	NONE	INVENTO	RS	HEET 5	DF 25	



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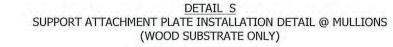
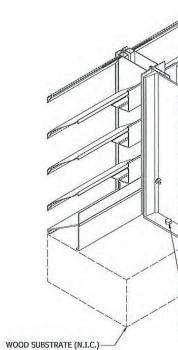


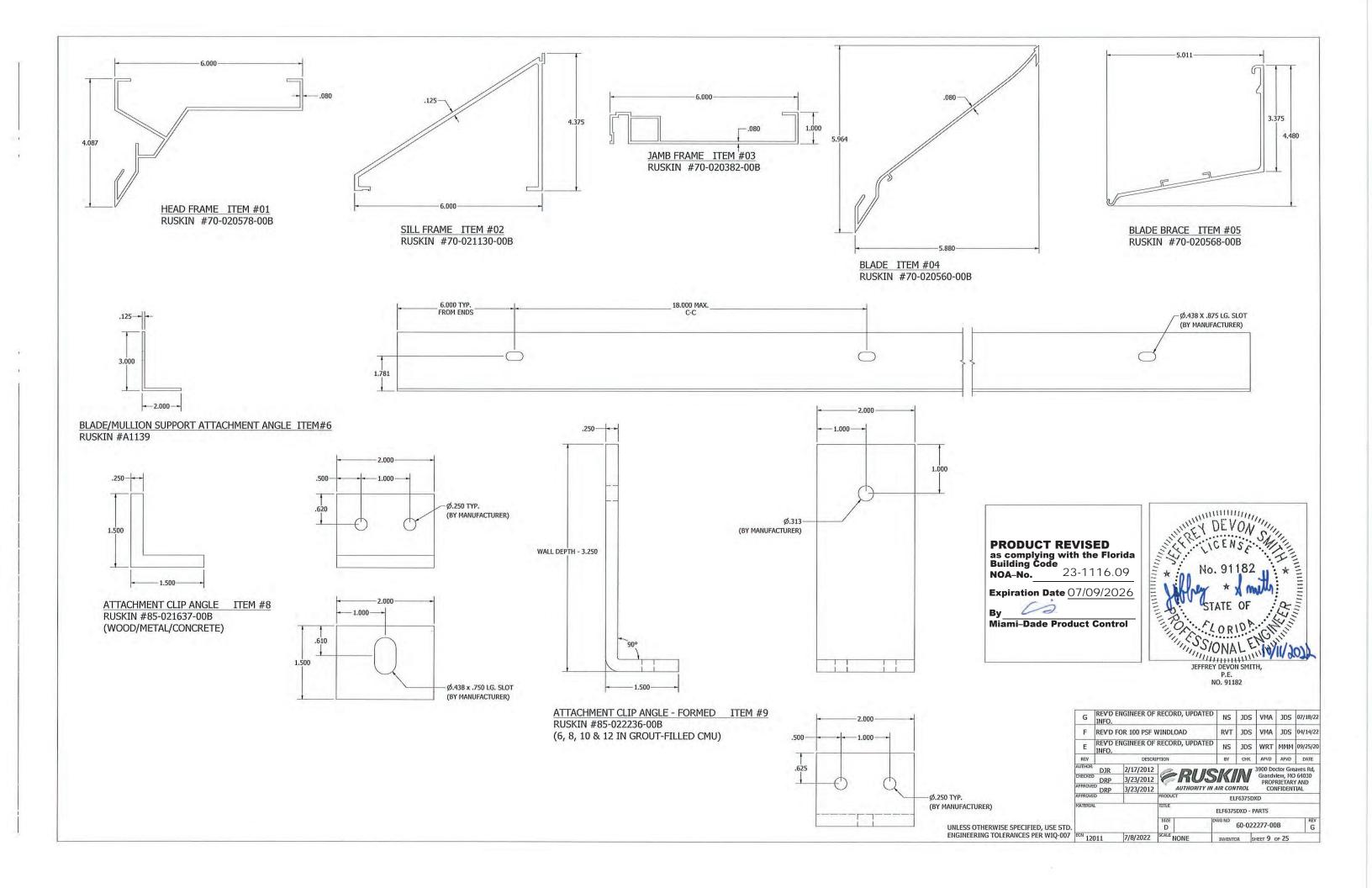


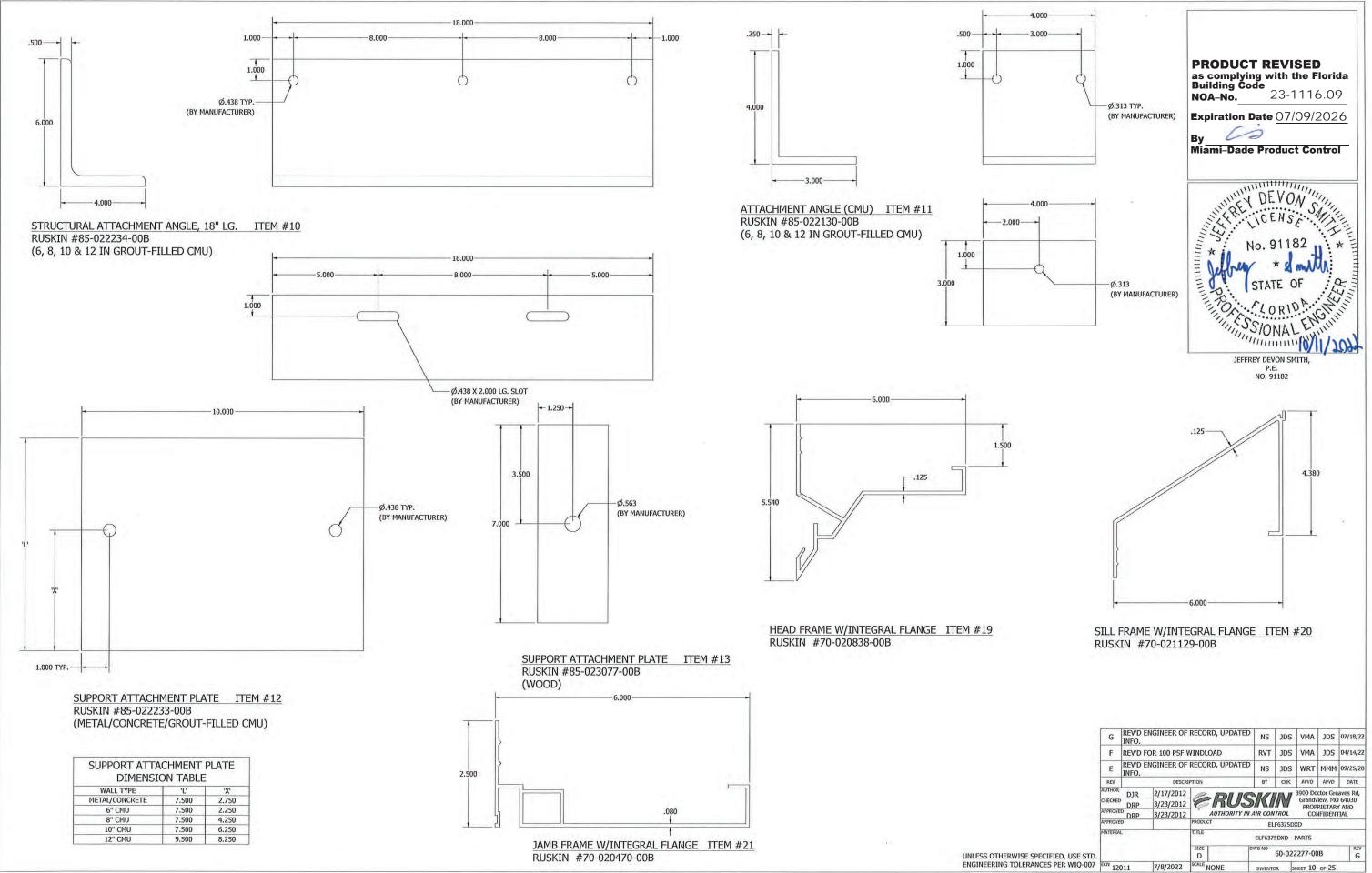
	TABLE 01 - EEI 0373E		ASTENER TABLE (N.I.C.)		
SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	LOCATION	FASTENER TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
MICOD		JAMB	1/4" Ø BOLT, WASHER & LOCKNUT	NA	2 1/2"
WOOD	SPECIFIC GRAVITY = 0.4	END PLATE	1/2" Ø A307 BOLT, WASHER & LOCKNUT	NA	2 1/2"
STEEL &	STEEL - MIN. 14 GA	JAMB	1/4" Ø A307 BOLT OR TEK SCREW	NA	1"
ALUMINUM	ALUM MIN. 1/8" THICK	END PLATE	3/8" Ø A307 BOLT, LOCKNUT & WASHER	NA	1"
Althon		JAMB	1/4" Ø X 2 1/4" HILTI KWIK CON II+ W WASHER	1 3/4"	2 1/2"
CONCRETE	3000 MIN. COMPRESSIVE STRENGTH	END PLATE	3/8" Ø HILTI KWIK BOLT TZ EXPANSION ANCHORS	2 1/2"	7 1/2"
GROUT FILLED	ASTM C-90 BLOCK, 1500 PSI GROUT	JAMB	1/4" Ø X 1 1/4" HILTI KWIK CON II+ (2) PER CLIP	1"	3"
CMU	COMP. STRENGTH.	END PLATE	3/8" Ø HILTI KWIK BOLT III EXPANSION ANCHORS	2 1/2"	5"

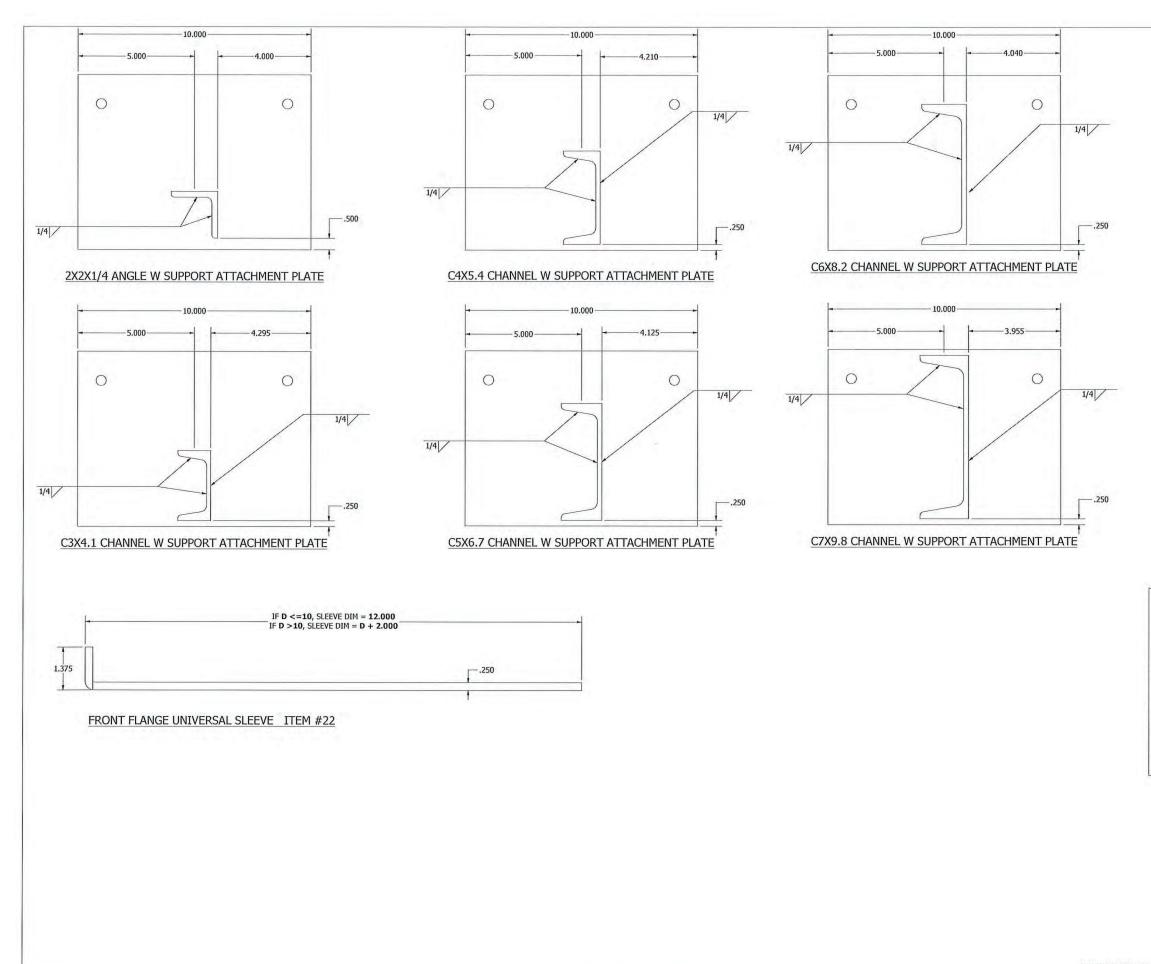




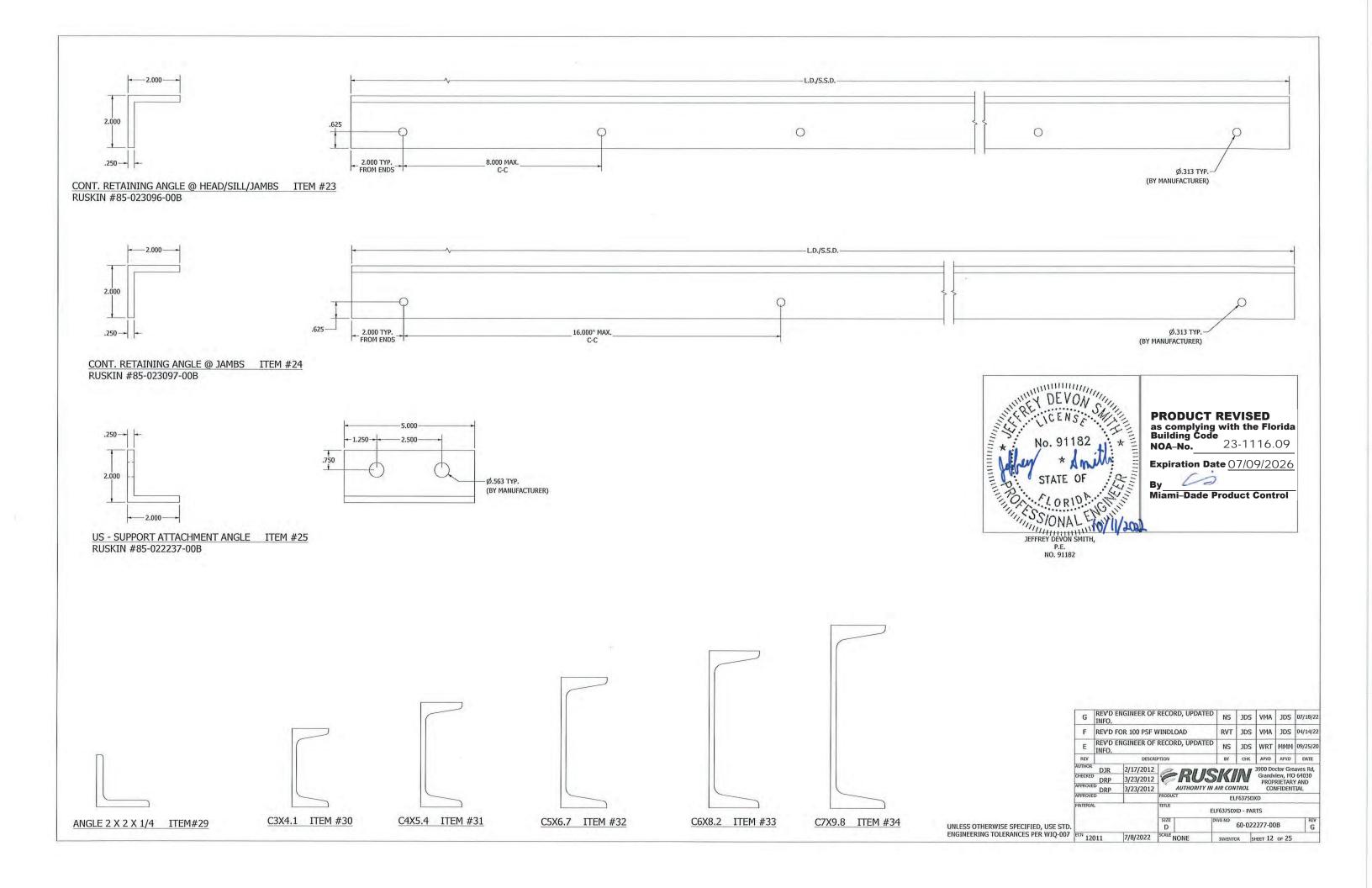
13 1 PER PLATE 18 REF TABLE 1/08 (BY OTHERS)		Ľ	OF LOUVER,	STRUC VARIES 13 M TOP & BOTTOM 18" MAX. C-C	TURAL 5 PER L	SUPPC	ORT (IT	EMS 29	9 TO 34)
No. 9112 No. 9112 STATE O STATE O SIONAL JEFFREY DEVON SM P.E. NO. 91182	DF A.W.	the day in the	NO	piration Date	/ith t 23-1	i he I 111 109/	Flori 6.0 202	9 <u>26</u>	
NO. 91102	G	INFO. REV'D FO	OR 100 PSF V	RECORD, UPDATED WINDLOAD RECORD, UPDATED	NS RVT	JDS JDS	VMA VMA	JDS JDS	07/18/22 04/14/22
	E REV AUTHOR CHECKEI APPROVI MATERIA	DJR DJR DRP DRP	2/17/2012 3/23/2012 3/23/2012		EL	<i>TROL</i> F6375D	Grandy PROP COI	view, Mo RIETARY NFIDENT	Y AND Fial
SPECIFIED, USE STD. ANCES PER WIQ-007	ECN 12	011	7/8/2022	ASSEMBLY "A" (W SIZE D SCALE NONE	WGNO	60-022	WALL F. 2277-00 HEET 8)B	R TABLE REV G







Juffrey	DEV CEA . 91 * ATE OR	ON ISE 182 OF	ALL	PRODU as compl Building NOA-No. Expiratio By Miami-Da	ying Code	with 23 te <u>0</u>	-11 7/09	Flo 16.0 9/20	09 0 <u>26</u>
JEFFREY	DEVON P.E. D. 9118								
	P.E.	32	NGINEER OF	RECORD, UPDATEI	NS	JDS	VMA	JDS	07/18/22
	P.E. D. 9118	REV'D E INFO.	NGINEER OF		D NS RVT	JDS JDS	VMA VMA	JDS JDS	07/18/22 04/14/22
	P.E. D. 9118 G	32 REV'D E INFO. REV'D F	OR 100 PSF V		RVT			JDS	
	P.E. D. 9118 G F E REV	REV'D E INFO. REV'D F REV'D F REV'D E INFO.	OR 100 PSF V	VINDLOAD RECORD, UPDATEI	RVT	JDS	VMA	JDS	04/14/22
	P.E. D. 9118 G F E REV AUTHOR	REV'D E INFO. REV'D F REV'D E INFO.	OR 100 PSF V	VINDLOAD RECORD, UPDATEI	RVT NS	JDS JDS CHK	VMA WRT APVD 3900 Do	JDS MMM APVD ctor Gre	04/14/22 09/25/20 DATE aves Rd,
	P.E. D. 9118 G F E REV AUTHOR CHECKEI	REV'D E INFO. REV'D F REV'D F INFO. DJR DRP	OR 100 PSF V	VINDLOAD RECORD, UPDATEI	RVT NS	JDS JDS CHK	VMA WRT APVD 3900 Do Grandy	JDS MMM APVD ctor Gre few, MO	04/14/22 09/25/20 DATE aves Rd, 64030
	P.E. D. 9118 G F E REV AUTHOR	REV'D E INFO. REV'D F REV'D F INFO. DJR ED	OR 100 PSF V NGINEER OF DESCRI 2/17/2012	VINDLOAD RECORD, UPDATEI	RVT NS BY	JDS JDS CHK	VMA WRT APVD 3900 Do Grandy PROP	JDS MMM APVD ctor Gre	04/14/22 09/25/20 DATE aves Rd, 64030 CAND
	P.E. D. 9118 G F E REV AUTHOR CHECKEI	REV'D E INFO. REV'D F REV'D E INFO. DR D DRP	OR 100 PSF V NGINEER OF 2/17/2012 3/23/2012		RVT NS BY	JDS JDS CHK	VMA WRT APVD 3900 Do Grandy PROP COI	JDS MMM APVD ctor Gre few, MO RIETAR	04/14/22 09/25/20 DATE aves Rd, 64030 CAND
	P.E. D. 9118 G F E REV AUTHOR CHECKEE	REV'D E INFO. REV'D F REV'D F INFO. DIR D DRP ED DRP	OR 100 PSF V NGINEER OF 2/17/2012 3/23/2012	VINDLOAD RECORD, UPDATEI PTION AUTHORITY IN	RVT NS BY	JDS JDS CHK ITROL F6375D	VMA WRT APVD 3900 Dc Grandv PROP COI XD	JDS MMM APVD ctor Gre few, MO RIETAR	04/14/22 09/25/20 DATE aves Rd, 64030 CAND
	P.E. D. 9118 G F E REV AUTHOR CHECKEL APPROVI MATERIJ	REV'D E INFO. REV'D F REV'D F INFO. DIR D DRP ED DRP	OR 100 PSF V NGINEER OF 2/17/2012 3/23/2012	VINDLOAD RECORD, UPDATEI PTION CONCUMPTION AUTHORITY IN PRODUCT	RVT NS BY AIR COM	JDS JDS снк <i>тпоL</i> F6375D, DXD - Р/	VMA WRT APVD 3900 Dc Grandv PROP COI XD	JDS MMM APVD ctor Gre fiew, MO RIETAR) NFIDENT	04/14/22 09/25/20 DATE aves Rd, 64030 AND

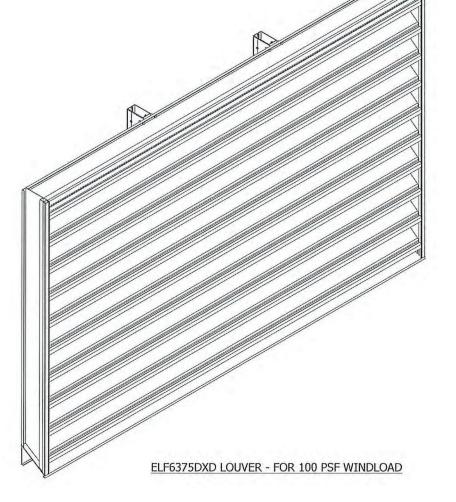


ITEM #	PARTS LIST DESCRIPTION			TERIAL	ALLO	Y
35	HEAD FRAME (JAMB ONLY ATTACHN	IENT-100 PSE)	1.0.15	EXTRUDED ALUM.	6063-	
36	SILL FRAME (JAMB ONLY ATTACHM			EXTRUDED ALUM.	6063-	
37	OFFSET TEE SUPPORT FOR			EXTRUDED ALUM.	6063-	
38	MULLION ATTACHMENT A			EXTRUDED ALUM.	6063-	1.15
39	2" SPLICE PLATE			JDED ALUM.	6063-	
40	1/4-20 X 1" HHB WITH WASHER A	ND LOCKNUT		300S	-	
	INSTALLATION PA	ARTS FOR	100 PSF V		-	-
ITEM #	DESCRIPTION			TERIAL	ALLO	Y
41	ATTACHMENT CLIP ANG	IF	5.00	EXTRUDED ALUM.	6063-	
42	CLIP ANGLE - FORMED, 2			FORMED ALUM.	3003-H	
43	ALTERNATE ATTACHMENT CLI			EXTRUDED ALUM.	6063-	3 20 6 2
44	STRUCTURAL ATTACHMENT ANG		ALL STATES AND	TRUDED ALUM.	6063-	
45	CLIP ANGLE - FORMED (CMU			K FORMED ALUM.	3003-H	
46	ATTACHMENT ANGLE C			EXTRUDED ALUM.	6063-	
47	CONT. FORMED ANGLE			FORMED ALUM.	3003-H	
48	CONT. ATTACHMENT AND			EXTRUDED ALUM.	6063-	
49	#10 - 16 x 1" LG TEK SCF			10SS/ZC	6063-	A. D
50	REVERSE CLIP ANGLE - JA					T6
51	REVERSE CLIP ANGLE - HEA			EXTRUDED ALUM.	6063-	1.1.1
	UNIVERSAL SLEEV	E PARTS E	OR 100 P)	
TEM #	DESCRIPTI		OIX IUU II.	MATERIAL	-	ALLO
52	CONT. RETAINING ANGLE - JAMBS (TACHMENT			
53	US SUPPORT ATTACHME			.250" THK EXTRUDE		
	3/8 -16 - 3.500" LG HHB GRADE A			J.230 THK LATRODE	DALOPI	0005-
54	AND LOCKN		WASHER	ZINC PLATED	6	1
H.V	B.S. SUPPORTS OPTION	IS BASED (MENT - AS			AMB O	NLY
TEM #		LOUVER HEIG		MATERIAL	A	LLOY
55	2" HVBS DOUBLE FLANGED	UP TO 20"	TALL	EXT. ALUMINIUM	6	063-T6
56		GREATER THAN		EXT. ALUMINIUM	-	063-T6
57		GREATER THAN		EXT. ALUMINIUM		063-T6
58		GREATER THAN		EXT. ALUMINIUM		063-T6
	.B.S./ MULLION SUPPOR PERIMETER A	TACHMEN	IT - ASSEI	MBLY "C"	-	
ITEM #	DESCRIPTION		IEIGHT RANG	100-69-0-61-0-1-2	and the second second	LLOY
55	2" HVBS DOUBLE FLANGED		D 20" TALL	EXT. ALUMINIU		063-T6
56	3" HVBS DOUBLE FLANGED	GREATER T	THAN 20" TO 3	4" EXT. ALUMINIU	JM 6	063-T6
57	6" HVBS DOUBLE FLANGED		THAN 34" TO 4		JM 6	063-T6
	6" HVBS I SHAPE	GREATER T	THAN 49" TO 6	5" EXT. ALUMINIU	JM 6	063-T6
58						
	2" X 4" X 1/8" THICK TUBE SUPPOR 2" X 6" X 1/8" THICK TUBE SUPPOR		THAN 65" TO 7	2" EXT. ALUMINIU	JM 6	063-T6

NOTE : 1. LOUVER SYSTEM WITH 100 PSF WINDLOAD HAS TWO TYPES OF ASSEMBLIES AS PER INSTALLTION METHOD - JAMB ONLY ATTACHMENT & PERIMETER ATTACHMENT.

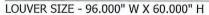
2. THIS LOUVER SYSTEM IS APPROVED FOR JAMB ONLY ATTACHMENT AND APPLICATION WITH DESIGN PRESSURE +/-100PSF, MAXIMUM SINGLE SECTION SIZE IS 96"WIDE X 60" HIGH, 96" WIDE X UNLIMITED HIGH

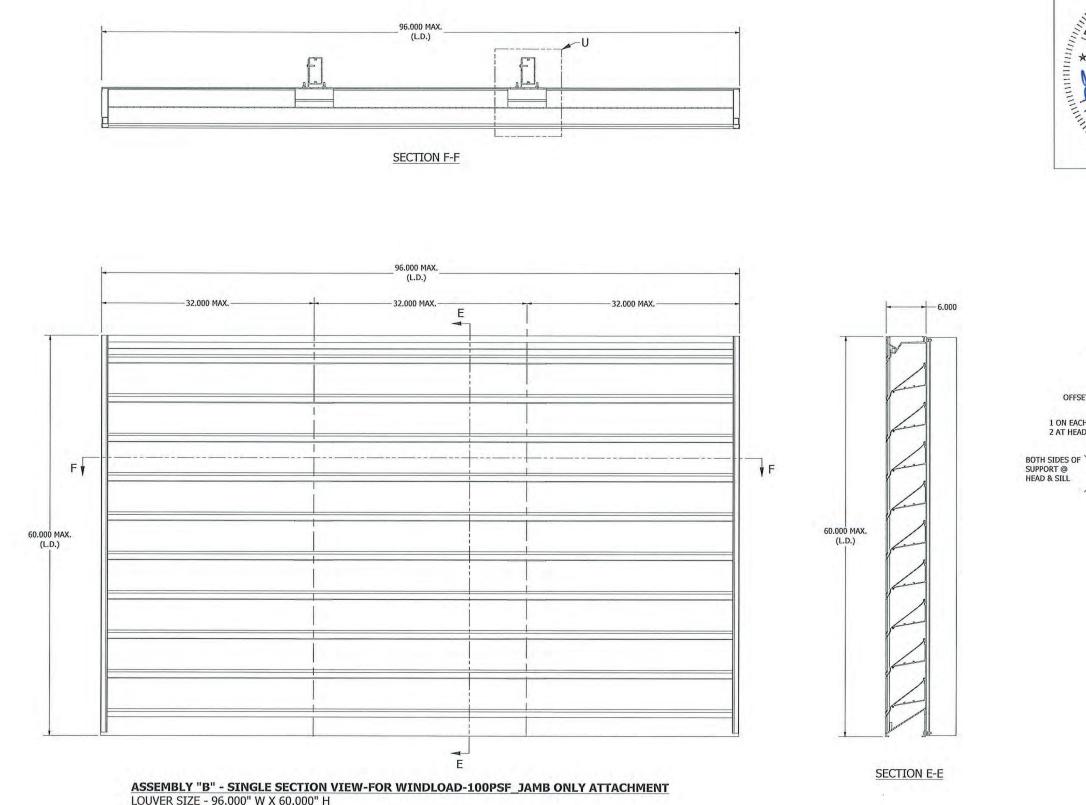
3. ALTERNATE ATTACHMENT USED IN DETAIL AA/15 IS NOT THE RESPONSIBILITY OF RUSKIN AND HAVE TO BE DESIGNED AND SPECIFIED BY ENGINEER OF RECORD.

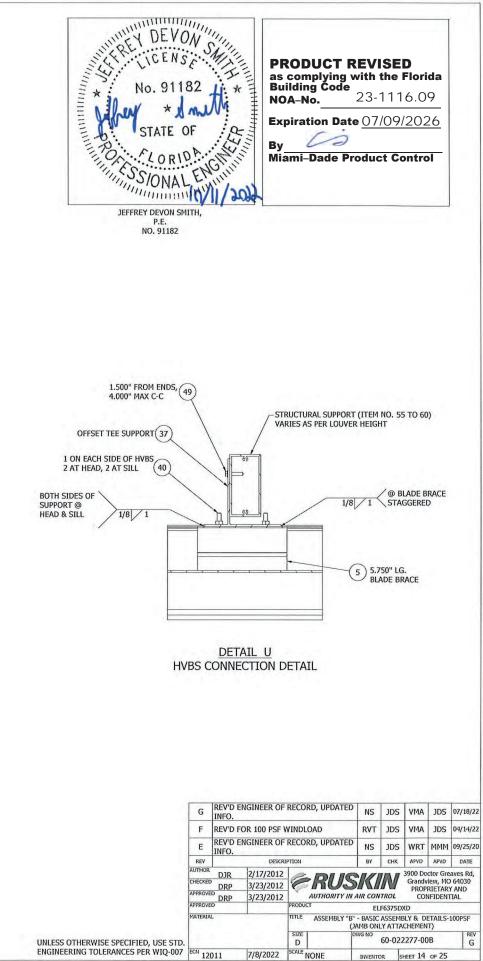


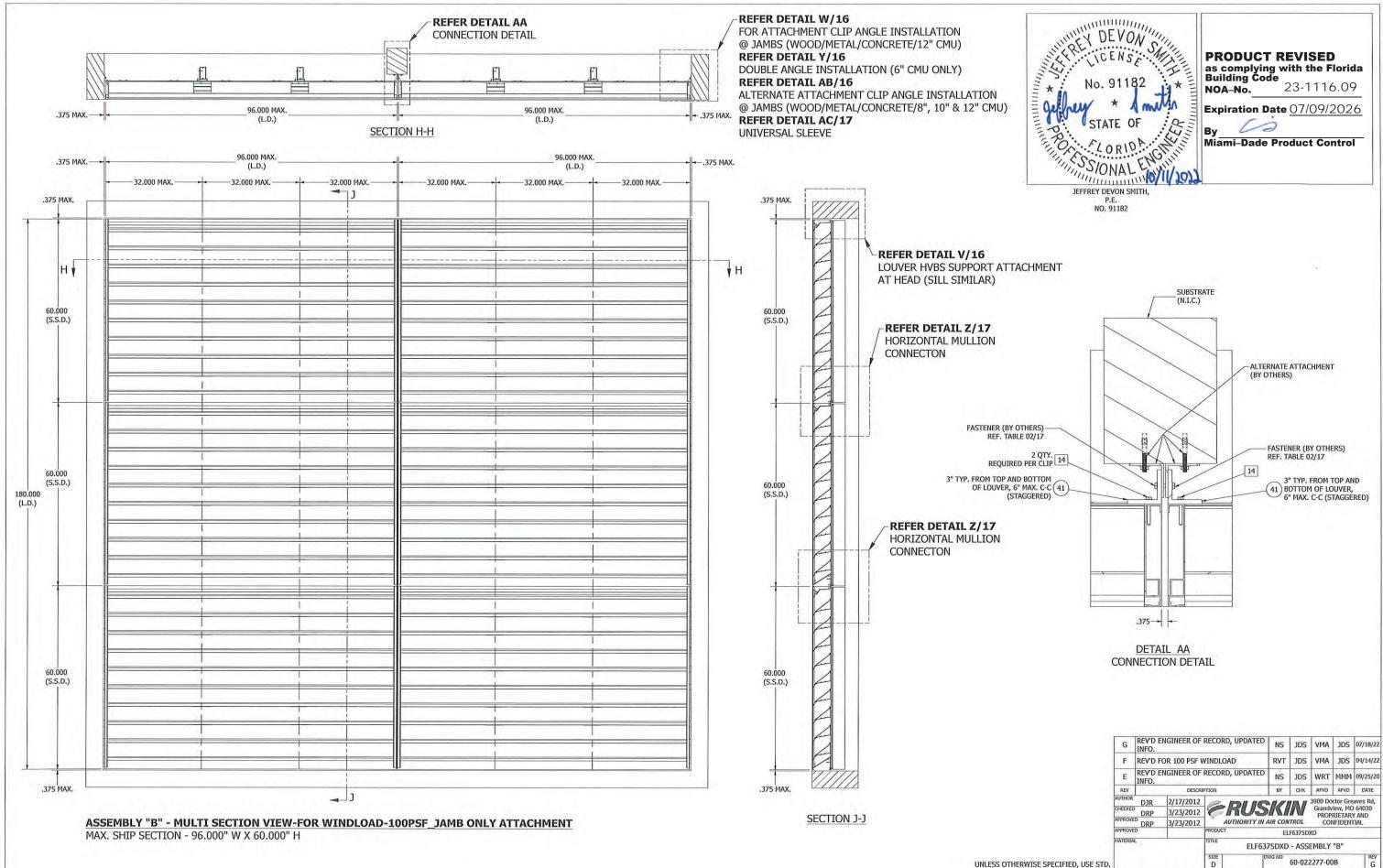


	G	REV'D E INFO.	NGINEER OF	RECORD, UPD	ATED	NS	JDS	VMA	JDS	07/18/22
	F	REV'D F	OR 100 PSF V	VINDLOAD		RVT	JDS	VMA	JDS	04/14/22
	E	REV'D E INFO.	NGINEER OF	RECORD, UPD	ATED	NS	JDS	WRT	ммм	09/25/20
	REV		DESCRI	PTION		BY	CHK	APVD	APVD	DATE
	AUTHOR	DJR	2/17/2012	ERI	JS	K	M	Grandy	iew, MO	
	APPROVE	DRP DRP	3/23/2012	AUTHORITY IN AIR CONTROL						
	APPROVE			PRODUCT		EL	F6375D	KD		
	MATERIA	L.	1	TITLE NOTES, PARTS LIST, DRAWING INDEX, ISO VIEW-100PSF						
E STD.				SIZE D	D	NG NO	60-022	2277-00	B	REV G
Q-007	ECN 12011 7/8/2022			SCALE NONE		INVENTO	R SI	HEET 13	OF 25	

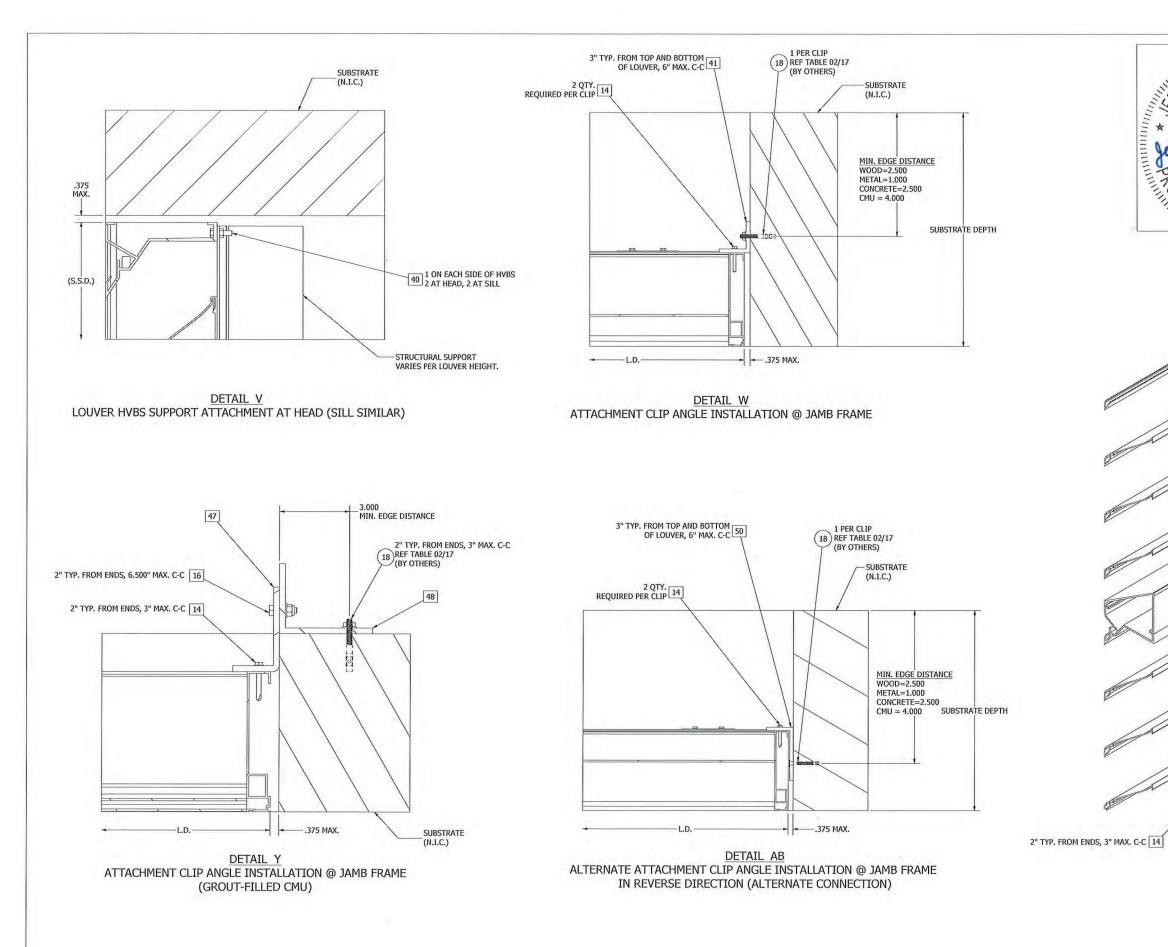




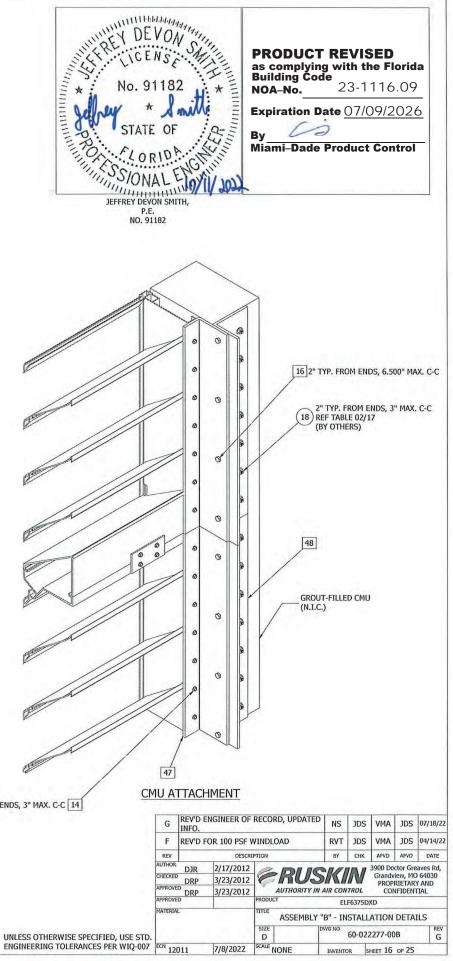


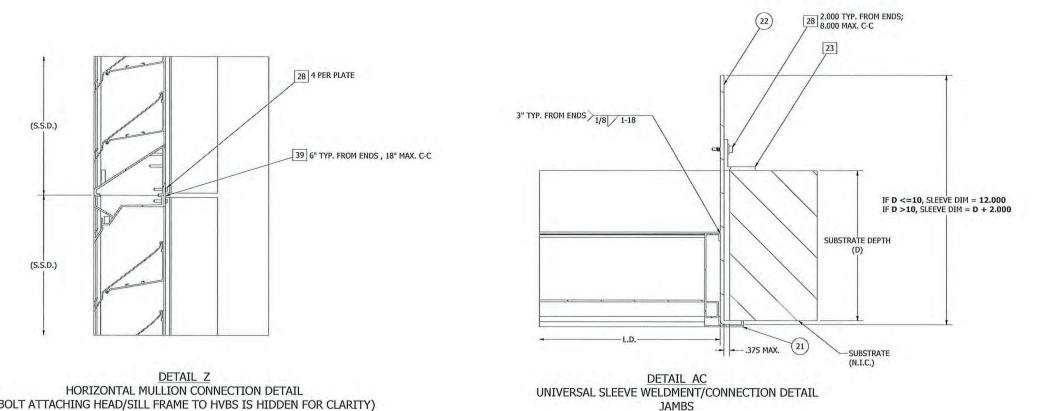


60-022277-00B UNLESS OTHERWISE SPECIFIED, USE STD. D ENGINEERING TOLERANCES PER WIQ-007 7/8/2022 SCALE NONE SHEET 15 OF 25 INVENTOR



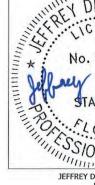
UNLESS OTHERWISE SPECIFIED, USE STD.





(BOLT ATTACHING HEAD/SILL FRAME TO HVBS IS HIDDEN FOR CLARITY)

SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	FASTENER TYPE		MIN. EDGE DISTANCE
SUBSTRATE TIPE	WIN. SUBSTRATE REQUIREMENTS	FASTENER TIPE	MIN. EMBEDMENT	(STANDARD/REVERSE
WOOD	SPECIFIC GRAVITY = 0.4	1/4" Ø BOLT, A307 WASHER & LOCKNUT	NA	2 1/2"
STEEL & ALUMINUM	STEEL - MIN. 14 GA ALUM MIN. 1/8" THICK	1/4" Ø A307 BOLT OR TEK SCREW	NA	1"
CONCRETE	3000 PSI MIN. COMPRESSIVE STRENGTH	1/4" Ø X 2 1/4" HILTI KWIK CON II+ W / WASHER**	1 3/4"	2 1/2"
GROUT FILLED CMU (SINGLE ANGLE)	ASTM C-90 BLOCK, 1500 PSI GROUT COMP. STRENGTH.	1/4" Ø X 2 1/2" HILTI KWIK HUS EZ W / WASHER **	1 5/8"	4 ^u
GROUT FILLED CMU (DOUBLE ANGLE)	ASTM C-90 BLOCK, 1500 PSI GROUT COMP. STRENGTH.	1/4" Ø X 1 1/4" HILTI KWIK CON II+ **	1" -	3"



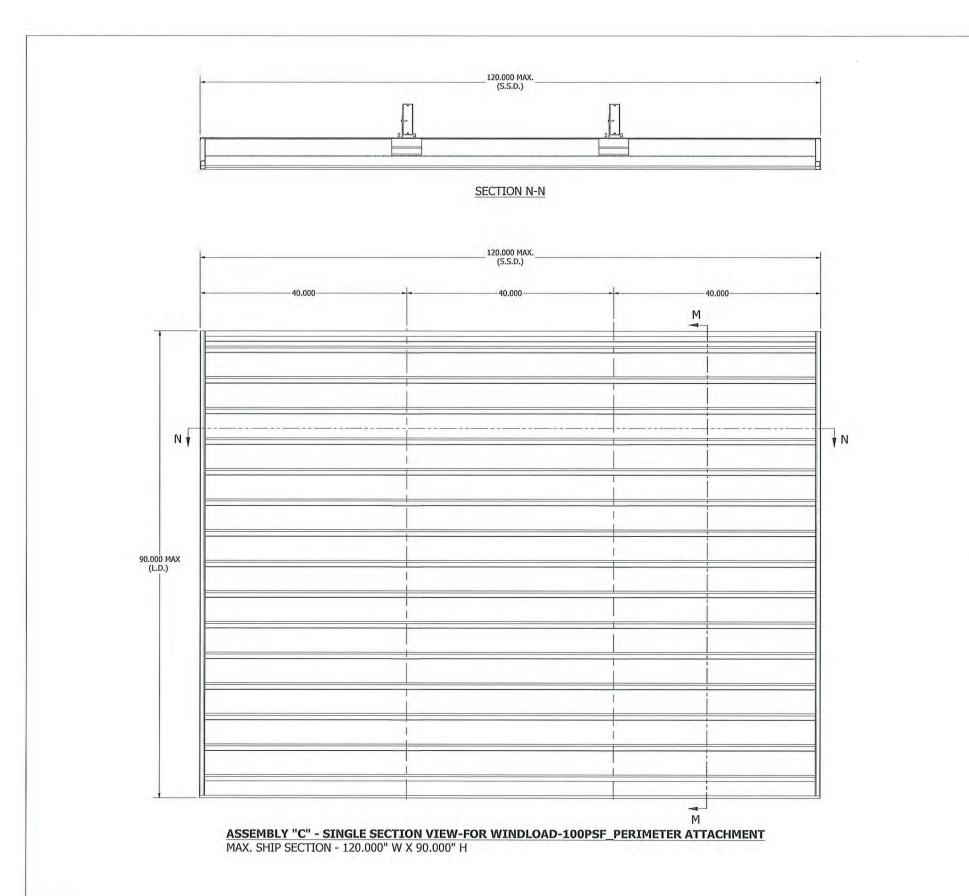
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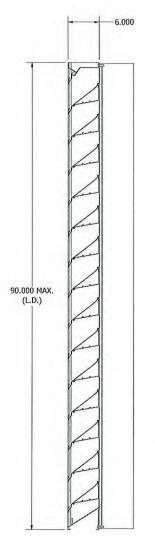
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NOTES: - DOUBLE ANGLE SHOULD BE USED IF MIN. WALL DEPTHS FOR STANDARD & REVERSE ANGLE IS NOT MET. - ** COUNTERSUNK VARIANT MAY BE USED FOR ONLY <u>KWIK HUS EZ & HILTI KWIK CON II +</u>. ALSO, WASHERS ARE NOT NEEDED FOR COUNTERSUNK VARIANTS.

UNLESS OTHERWISE : ENGINEERING TOLER

									_
2.000 TYP. FROM ENDS; 28				SUBSTRA (N.I.C.)	TE				
No. 91182 Mo. 91182 Mo. 91182 Mo. 91182 Mo. 91182 Mo. 91182 Mo. 91182		Pi as Bu NC Ex By Mia	RODUC comply ilding C DA-No piration	E ATTACHMEN ing with the 23-11 ⁻ Date 07/09	D Flor 16.0)9 26			
	G	REV'D E INFO.	NGINEER OF	RECORD, UPDATED	NS	JDS	VMA	JDS	07/18/22
	F	REV'D E	OR 100 PSF V	VINDLOAD RECORD, UPDATED	RVT NS	JDS	VMA WRT	JDS MMM	04/14/22
	REV	INFO.	DESCRI	Contraction of the second	BY	JDS CHK	APVD	APVD	DATE
	AUTHOR CHECKEI APPROVI	DJR DRP ED DRP ED	2/17/2012 3/23/2012 3/23/2012			W	3900 Dc Grandy PROP CO		aves Rd, 0 64030 Y AND
	MATERIA	AL.		ASSEMBLY "E		IVERS	AL SLE	EVE IN	
HERWISE SPECIFIED, USE STD. NG TOLERANCES PER WIQ-007	ECN	011	7/0/2022	SIZE D SCALE NONE	WG NO		277-00		G
section and the section of the secti	ECN 12011 7/8/2022 SC		NONE	INVENTO	OR S	HEET 17	OF 25		





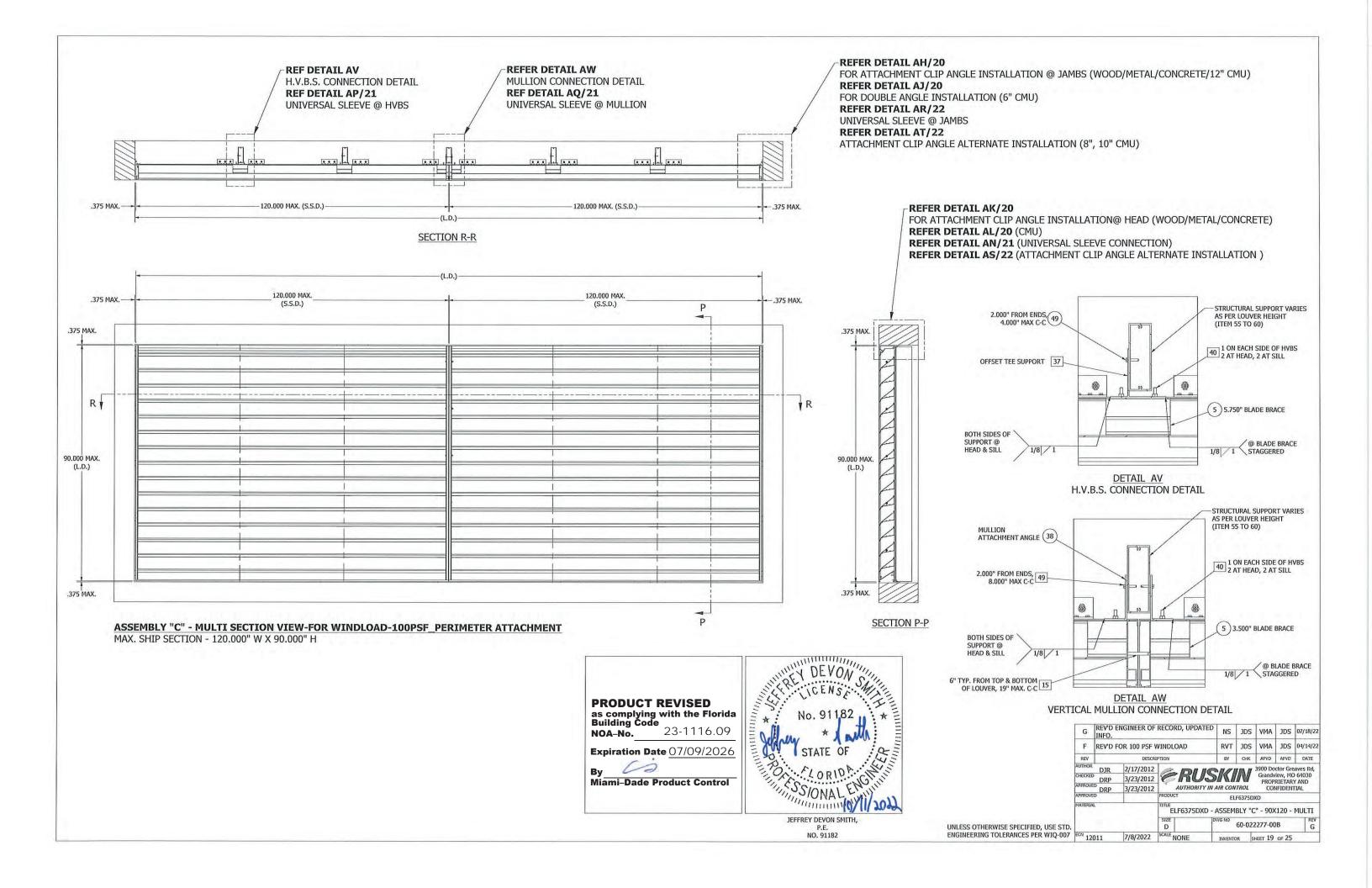
SECTION M-M

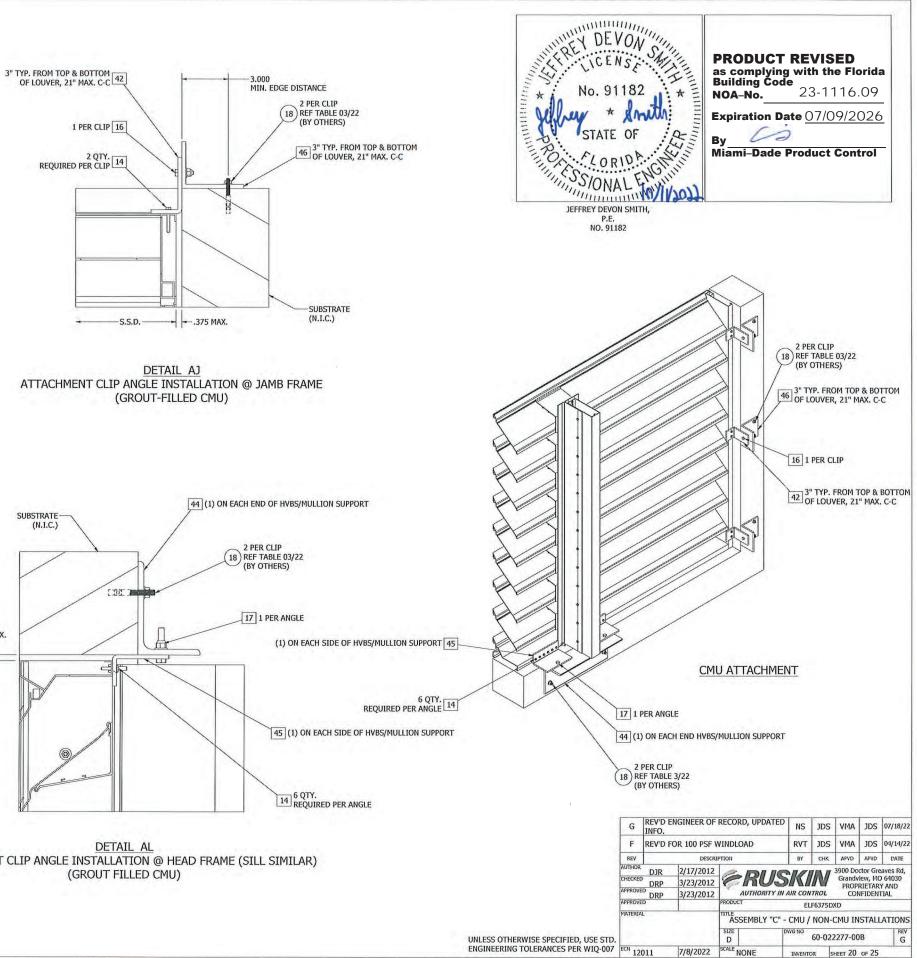
NOTE :

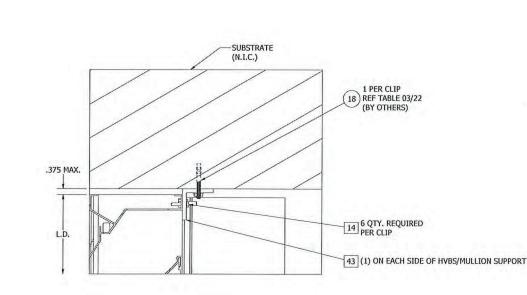
THIS LOUVER SYSTEM IS APPROVED FOR PERIMETER ATTACHMENT AND APPLICATION WITH DESIGN PRESSURE +/-100PSF, MAXIMUM SINGLE SECTION SIZE IS 120"WIDE X 90"HIGH, UNLIMITED WIDTH X 90" HIGH

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 23-1116.09 Expiration Date 07/09/2026 00 By Miami-Dade Product Control DEVOA DEVON 182 No. 91 IIIIIIIIII * STATE OF mm SSIONAL Minuman Min JEFFREY DEVON SMITH, P.E. NO. 91182

	G	REV'D E INFO.	NGINEER OF	RECO	RD, UPDATED	NS	JDS	VMA	JDS	07/18/22	
	F	REV'D F	OR 100 PSF	WINDL	OAD	RVT	JDS	VMA	JDS	04/14/22	
	E	REV'D E INFO.	REV'D ENGINEER OF RECORD, UPDATED INFO.					WRT	ммм	09/25/20	
	REV		DESCRIPTION					APVD	APVD	DATE	
	AUTHOR	DJR	2/17/2012	1	DIIC					aves Rd,	
	CHECKED	DRP	3/23/2012	10	RUS	K	N		riew, MO		
	APPROVE	DRP	3/23/2012	X	AUTHORITY IN A	IR CON	TROL		VFIDENT		
	APPROVE	D		PRODUC	т	EL	F6375D	XD			
MATERIAL				TITLE		- BASIC ASSEMBLY & DETAILS-100PSF METER ATTACHMENT_120X90)					
USE STD.				D D		60-022277-00B)B	REV G	
WIQ-007	ECN 12	011	7/8/2022	SCALE	NONE	INVENTO	R S	HEET 18	OF 25		







- .375 MAX.

DETAIL AH

ATTACHMENT CLIP ANGLE INSTALLATION @ JAMB FRAME

-S.S.D.

1 PER CLIP (18) REF TABLE 03/22

(BY OTHERS)

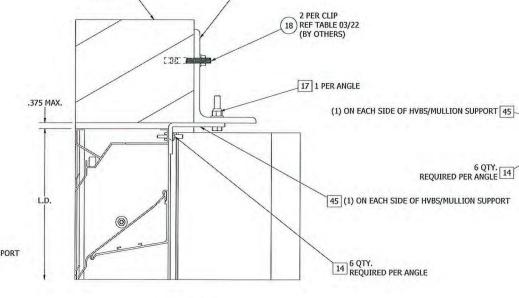
MIN. EDGE DISTANCE WOOD=2.500 METAL=1.000 CONCRETE=2,500 CMU = 4.000

> SUBSTRATE (N.I.C.)

SUBSTRATE DEPTH

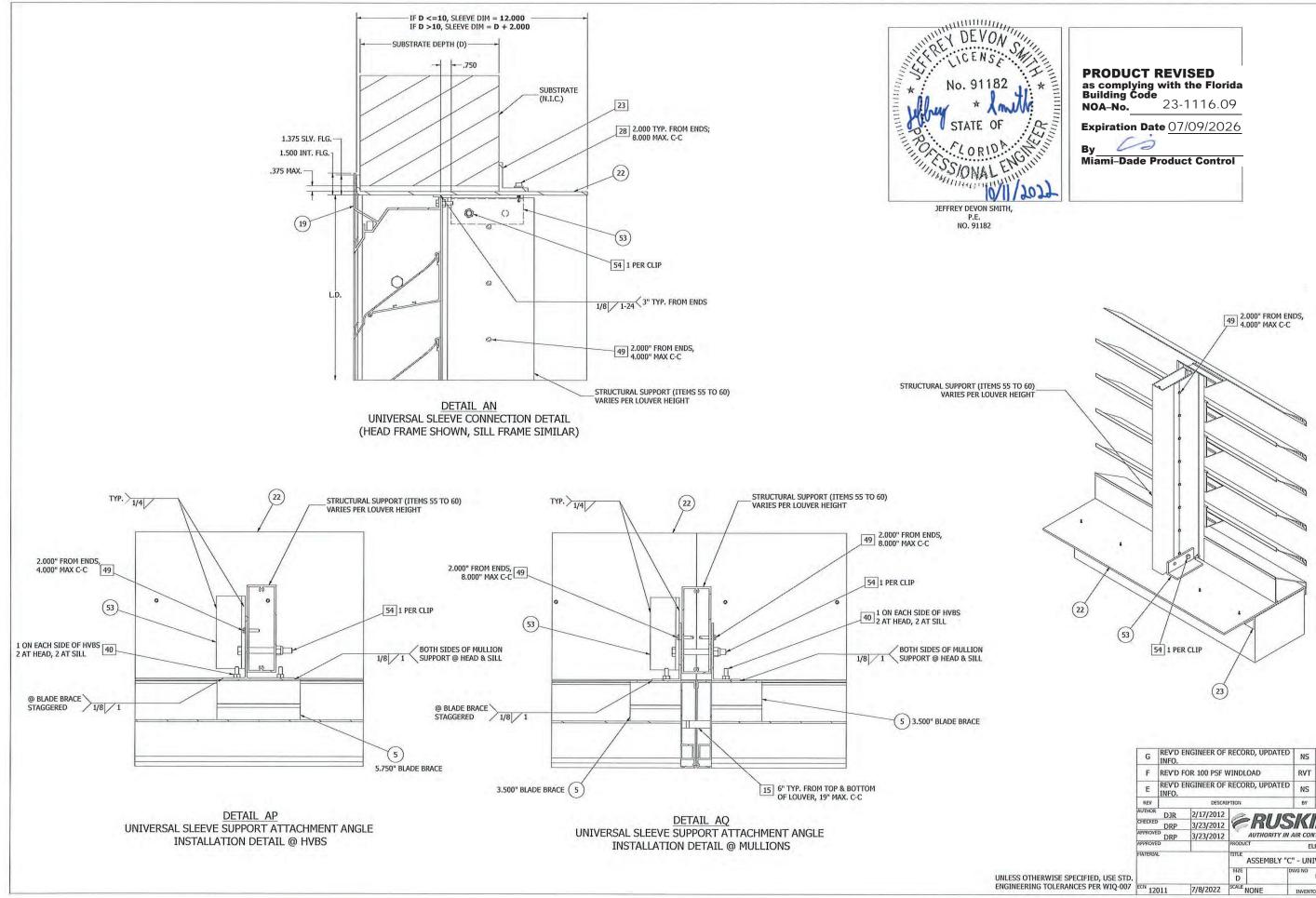
14 REQUIRED PER CLIP

3" TYP. FROM TOP AND BOTTOM OF LOUVER, 21" MAX. C-C 41

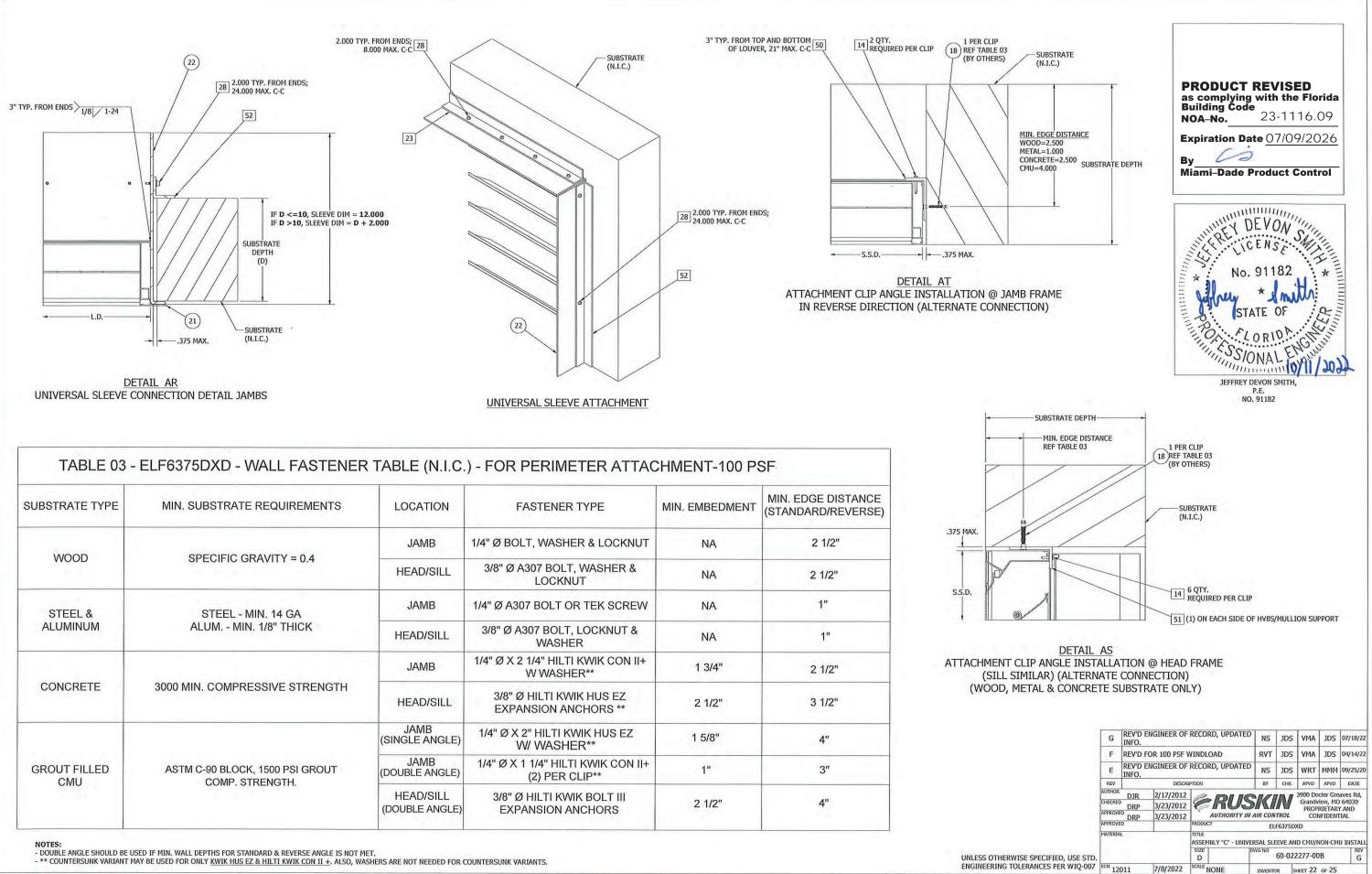


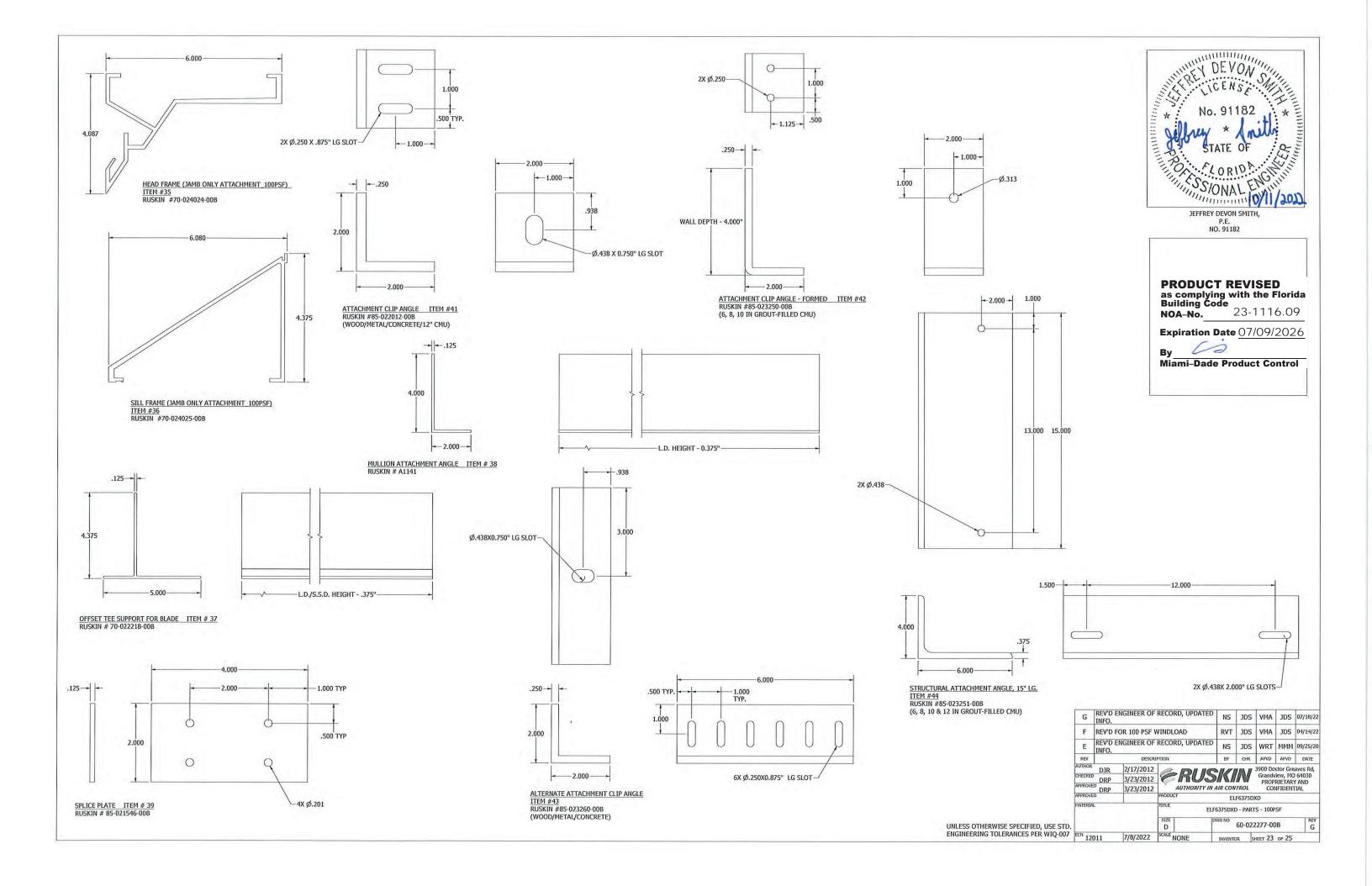
DETAIL AK ATTACHMENT CLIP ANGLE INSTALLATION @ HEAD FRAME (SILL SIMILAR) (WOOD, METAL & CONCRETE SUBSTRATE ONLY)

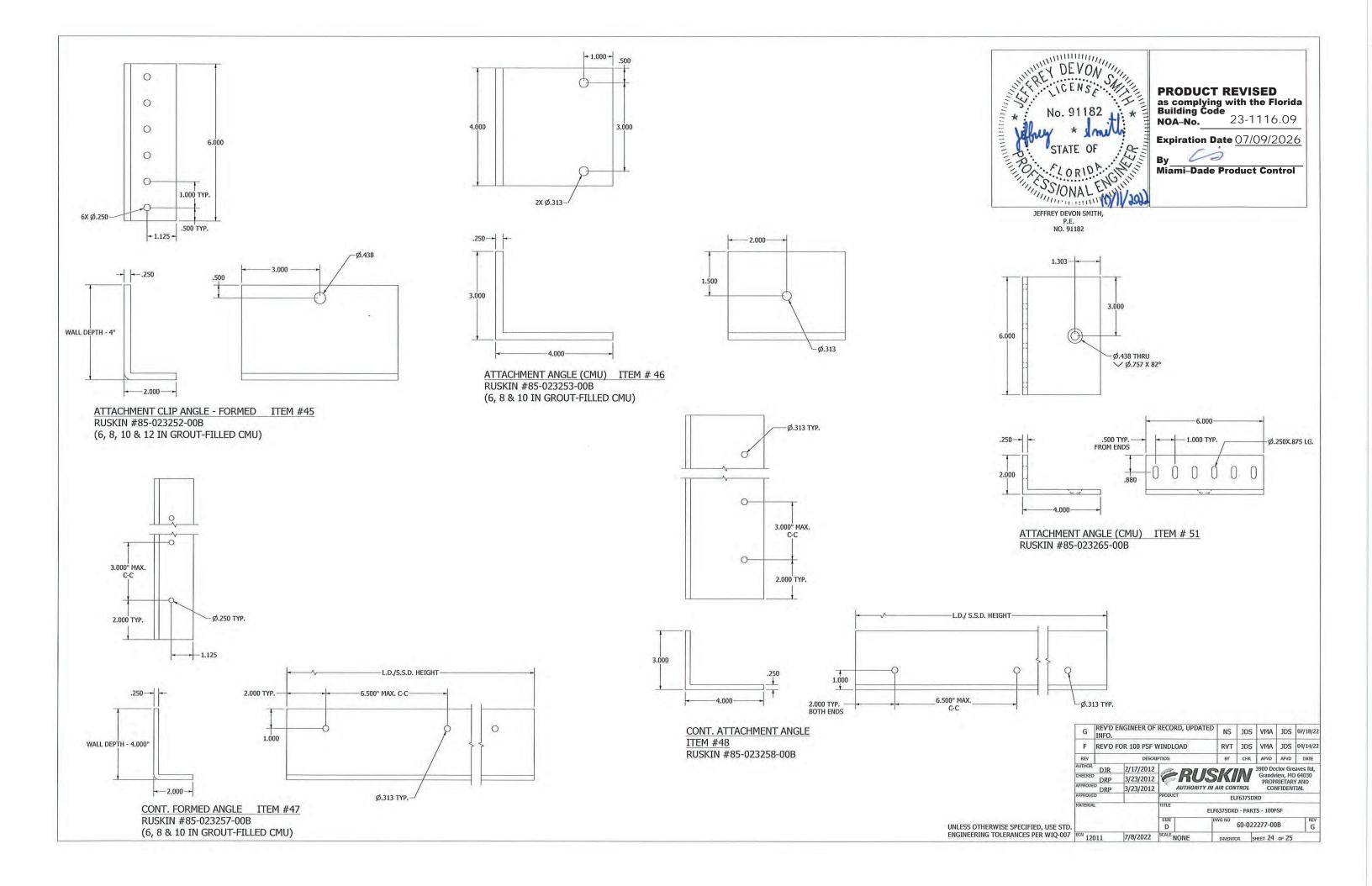
ATTACHMENT CLIP ANGLE INSTALLATION @ HEAD FRAME (SILL SIMILAR)

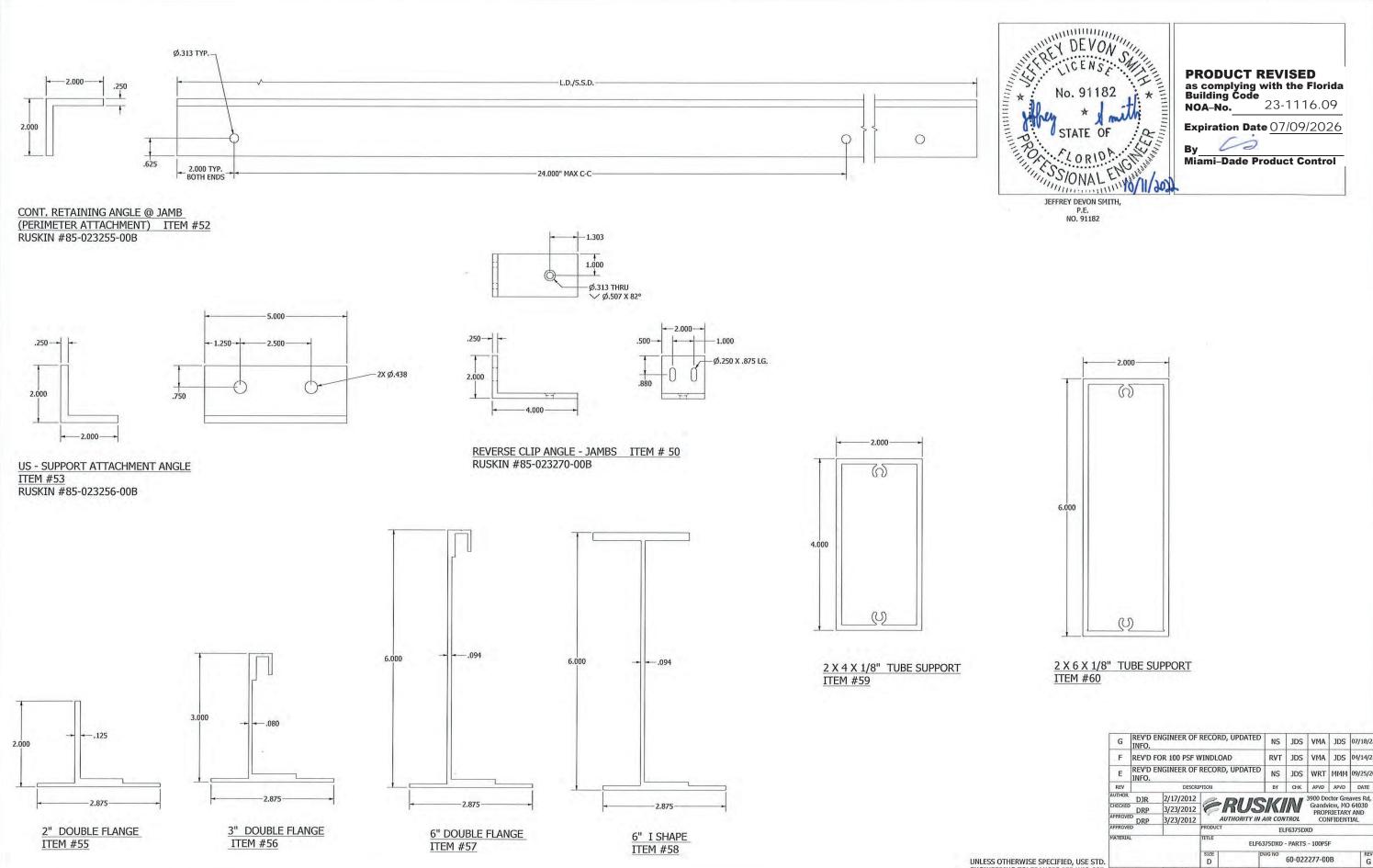


	G	REV'D ENGINEER OF RECORD, UPDATED INFO.					JDS	VMA	JDS	07/18/22	
SPECIFIED, USE STD.	F	REV'D FOR 100 PSF WINDLOAD				RVT	JDS	VMA	JDS	04/14/22	
	E	REV'D ENGINEER OF RECORD, UPDATED INFO.				NS	JDS	WRT	ммм	09/25/20	
	REV	DESCRIPTION			BY	CHK	APVD	APVD	DATE		
	AUTHOR	DJR	2/17/2012	CRUSKIN 3900 Docto							
	CHECKED	DRP	3/23/2012	CRU	K.	Grandview, MO 640 PROPRIETARY AN					
	APPROVE	DRP	3/23/2012	AUTHOR	TY IN A	AIR CONTROL CONFIDENTIAL					
	APPROVE	D	1	PRODUCT ELF6375DXD							
	MATERIAL			ASSEMBLY "C" - UNIVERSAL SLEEVE INSTALL					STALL		
				SIZE D	DI	60-022277-00B			REV		
ANCES PER WIQ-007	ECN 12	ECN 12011 7/8/2022		SCALE NONE	INVENTO	R S	HEET 21	OF 25			









UNLESS OTHERWISE S

RANCES PER WIQ-007	ECN 12011 7/8/20		7/8/2022	SCALE	NONE	INVENTO	0 c	HEET 25	OF 25			
SPECIFIED, USE STD.					D	60-022277-00B)B	REV G		
	MATERIA	ITERIAL			TITLE ELF6375DXD - PARTS - 100PSF							
	APPROVE	1						ELF6375DXD				
	APPROVE	DRP	3/23/2012	AUTHORITY IN AIR CONTROL CONFIL						FIDENTIAL		
	CHECKED	DRP	3/23/2012	6	RUS	Grandview, MO 64030 PROPRIETARY AND						
	AUTHOR	DJR	2/17/2012	P	DIIC					aves Rd,		
	REV		DESCRI	IPTION		BY	CHK	APVD	APVD	DATE		
	E	REV'D ENGINEER OF RECORD, UPDATED INFO.				NS	JDS	WRT	ммм	09/25/20		
	F	REV'D FOR 100 PSF WINDLOAD					JDS	VMA	JDS	04/14/22		
	G	REV'D ENGINEER OF RECORD, UPDATED INFO.					JDS	VMA	JDS	07/18/22		