



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Reliable Products a div. of Ruskin Company
1300 Enterprise Rd. (PO Box 580)
Geneva, AL 36340

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 AEL-42-7020-MD PTAC Aluminum Louver

APPROVAL DOCUMENT: Drawing No. **60-022583-00D**, titled "AEL-42-7020-MD Installation Instructions", sheets 1 through 8 of 8, dated 01/25/2022, prepared by Reliable Products a div. of Ruskin Company, signed and sealed by Jeffrey D. Smith, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and approval 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.

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 # 22-0223.02 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.**



02/07/24

NOA No. 23-1116.23
Expiration Date: December 15, 2027
Approval Date: February 15, 2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 22-0223.02 and new

A. DRAWINGS “Submitted under NOA # 22-0223.02”

1. Drawing No. **60-022583-00D**, titled “AEL-42-7020-MD Installation Instructions”, sheets 1 through 8 of 8, dated 01/25/2022, prepared by Reliable Products a div. of Ruskin Company, signed and sealed by Jeffrey D. Smith, P.E.

B. TESTS “Submitted under NOA # 22-0223.02”

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 PTAC AEL-42-7020 louvers, prepared by UL LLC, Test Report No. **SV16533-20220809 Rev. 1**, dated 08/09/2022, signed and sealed by Alexis Spyrou, P.E.

C. CALCULATIONS “Submitted under NOA # 22-0223.02”

1. Louver wind load review, prepared by Reliable Products, dated 01/28/2022, signed and sealed by Jeffrey D. Smith, 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 8th edition (2023) of the FBC, issued by Reliable Products a div. of Ruskin Company, dated 11/01/2023, signed and sealed by Jeffrey D. Smith, P.E.

“Submitted under NOA # 22-0223.02”

2. Statement letter of code conformance to the 7th edition (2020) of the FBC, issued by Reliable Products, dated 02/01/2022, signed and sealed by Jeffrey D. Smith, P.E.
3. Statement letter of no financial interest, issued by Reliable Products, dated 02/01/2022, signed and sealed by Jeffrey D. Smith, P.E.
4. Private label agreement dated 12/14/2022.



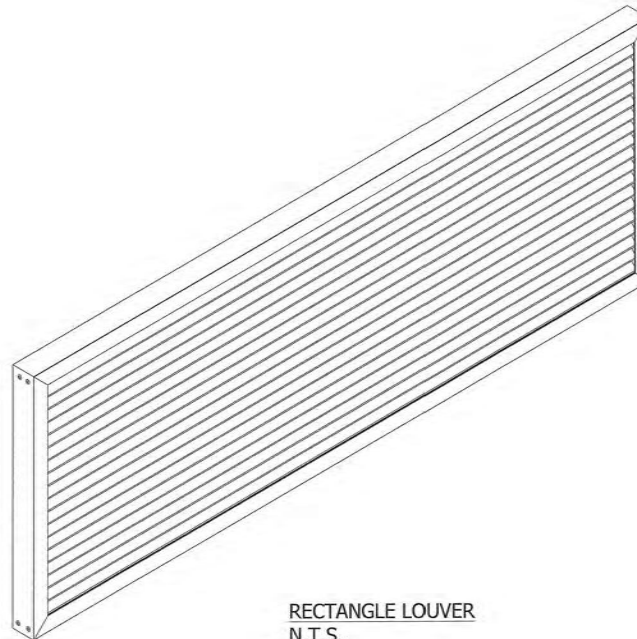
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-1116.23
Expiration Date: December 15, 2027
Approval Date: February 15, 2024

PARTS LIST			
ITEM	DESCRIPTION	MATERIAL	ALLOY
1	HEAD & SILL FRAME	0.125" THK EXTRUDED ALUMINUM	6063-T6
2	JAMB FRAME	0.125" THK EXTRUDED ALUMINUM	6063-T6
3	BRACE BAR	0.125" THK EXTRUDED ALUMINUM	6063-T5
4	BLADE 42 deg	0.125" THK EXTRUDED ALUMINUM	6063-T5
5	CORNER LUG	0.061" THK EXTRUDED ALUMINUM	6063-T5
6	Pop Rivet: 1/8" Dia. 0.313" - 0.375" GRIP	ALUMINUM	-
7	SPLINE	0.200" THK EXTRUDED ALUMINUM	6063-T5
8	END SUPPORT	0.125" THK SHEET ALUMINUM	5005-H34
9	RETENTION STRIP	0.063" THK SHEET ALUMINUM	5005-H34
10	3/16" DIA POP RIVET 0.188"-0.250" GRIP	Steel, Mandrel	-
11	#10 X 3/4" TEK SCREW	Steel	-

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1116.23

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By *[Signature]*
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RECTANGLE LOUVER
N.T.S.

ABBREVIATIONS:

B.O. - BLANK OFF
CONT. - CONTINUOUS
C-C - CENTER TO CENTER
C.W. - CLOCKWISE
C.C.W. - COUNTER CLOCKWISE
DIM - DIMENSION
FLG - FLANGE
HDG - HOT DIPPED GALVANIZED
H.V.B.S. - HIDDEN VERTICAL BLADE SUPPORT
H.H.B.S. - HIDDEN HORIZONTAL BLADE SUPPORT
HWH - HEX WASHER HEAD
L.D. - LOUVER DIMENSION
MAX. - MAXIMUM
MIN. - MINIMUM
NOM. - NOMINAL
N.T.E. - NOT TO EXCEED
N.T.S. - NOT TO SCALE
O/C - ON CENTER
OPP. - OPPOSITE
N.I.C. - NOT IN CONTRACT
R.O. - ROUGH OPENING
REF - REFERENCE
S.S. - SHIP SECTION
S.S.D. - SHIP SECTION DIMENSION
S.S.H. - SHIP SECTION HEIGHT
S.D.S. - SELF DRILLING SCREW
SIM. - SIMILAR
STL - STEEL
TYP. - TYPICAL
U.N.O. - UNLESS NOTED OTHERWISE



1/28/2022

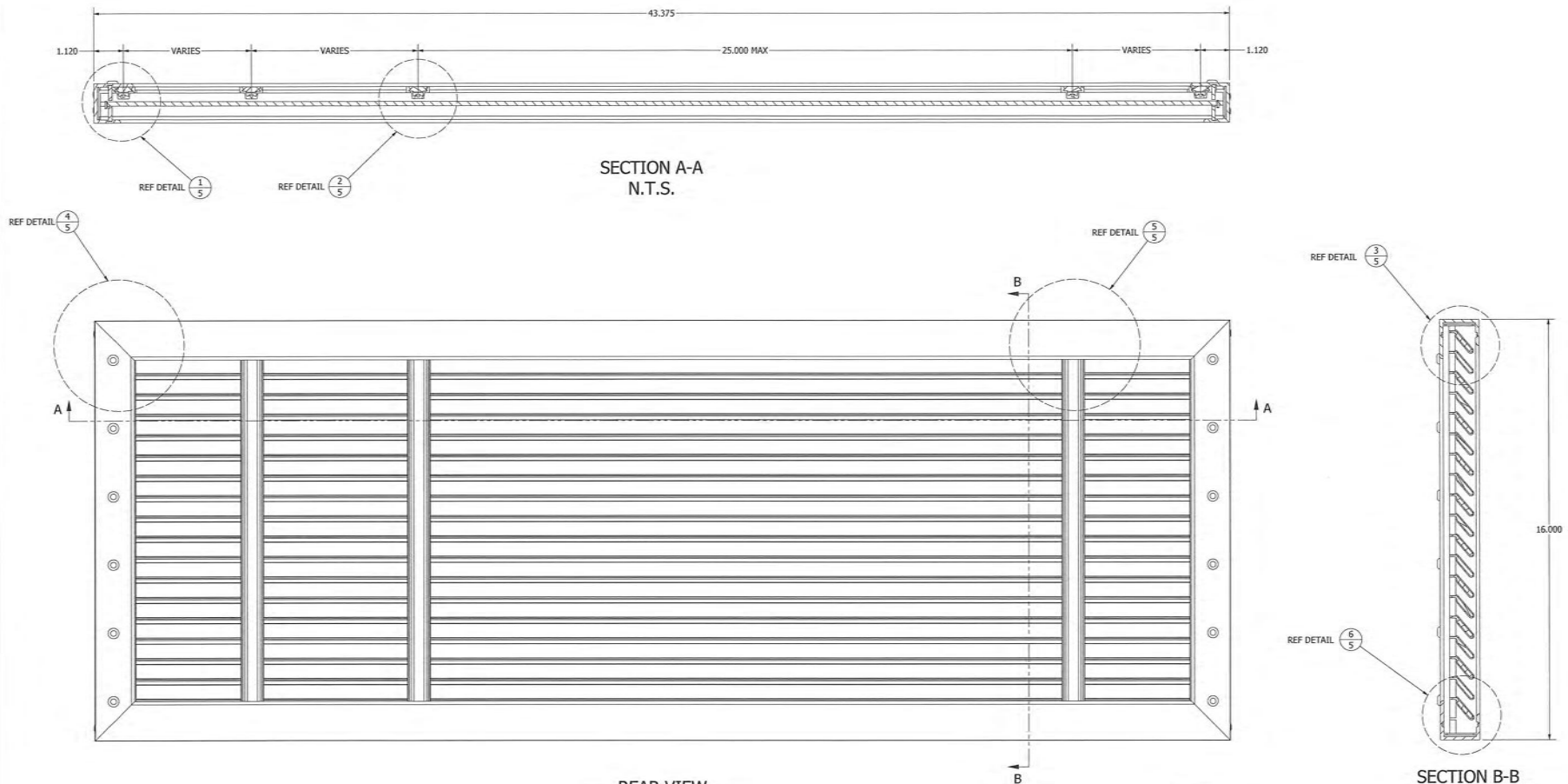
PRODUCT APPROVED
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SHEET 01 - NOTES, PARTS LIST, DRAWING INDEX,
SHEET 02 - ASSEMBLY CONSTRUCTION DETAILS
SHEET 03 - INSTALLATION DETAILS WITHOUT WALL SLEEVE / PTAC UNIT
SHEET 04 - INSTALLATION DETAILS WITH WALL SLEEVE / PTAC UNIT
SHEET 05 - ASSEMBLY CONSTRUCTION DETAILS
SHEET 06 - PARTS
SHEET 07 - PARTS
SHEET 08 - WALL FASTNER TABLE

AUTHOR	VDP	9/14/2021	RELIABLE ENGINEERING & ARCHITECTURE 1300 Enterprise Drive Geneva, AL 36340 PROPRIETARY AND CONFIDENTIAL		
CHECKED	NLT	11/12/2021			
APPROVED	NLT	11/12/2021			
REVISION	JSR	1/25/2022			
EXTRUDED ALUMINUM			PRODUCT TITLE		
			AEL-42-7020-MD INSTALLATION INSTRUCTIONS NOTES, PART LIST & ASSEMBLY VIEWS		
			SIZE D	OWS NO 60-022583-00D	REV -
			SCALE N.T.S.	INVENTOR SHEET 1 OF 8	



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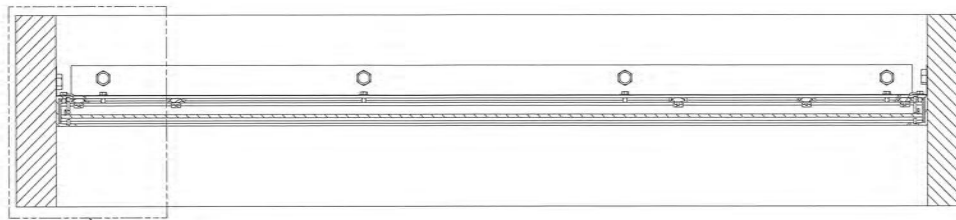
REAR VIEW
AEL- 42 - 7020 MD
WINDLOAD - 50 PSF

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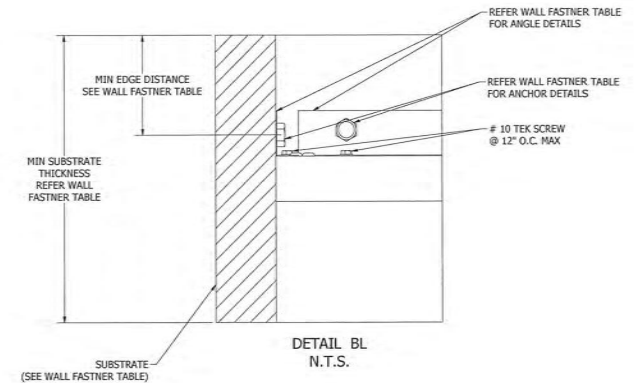
By *[Signature]*
Miami-Dade Product Control



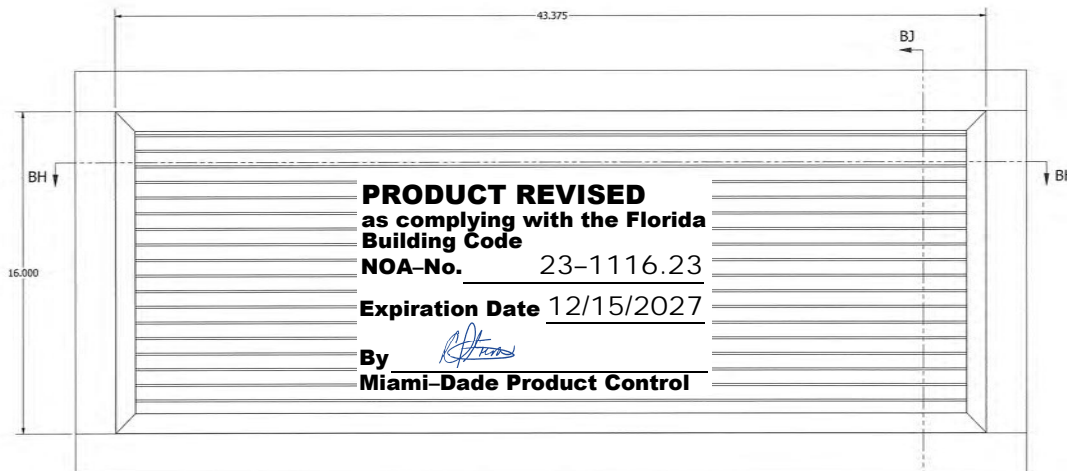
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CHECKED	NLT	11/12/2021	ARCHITECTURAL PRODUCTS	Geneva, AL 36340
APPROVED	NLT	11/12/2021	COMMERCIAL WINDOW & DOOR	PROPRIETARY AND
APPROVED	CSR	1/25/2022	PRODUCT AEL-42-7020-MD INSTALLATION INSTRUCTIONS	CONFIDENTIAL
REVISION	EXTRUDED ALUMINUM		TITLE	ASSEMBLY DETAILS
SIZE	D		DWG NO.	60-022583-00D
SCALE	N.T.S.		INVENTOR	SHEET 2 OF 8



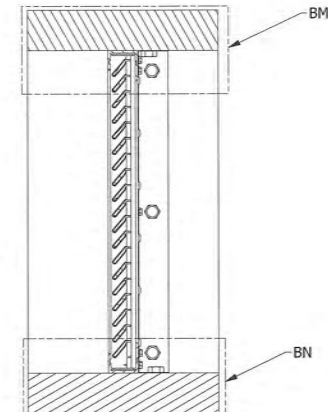
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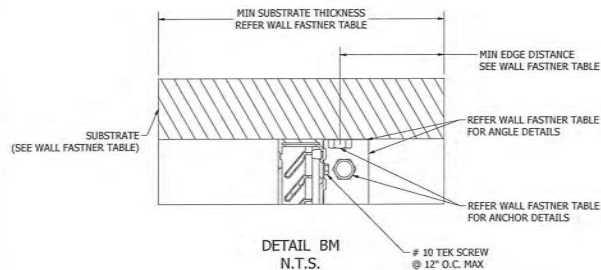
DETAIL BL
N.T.S.



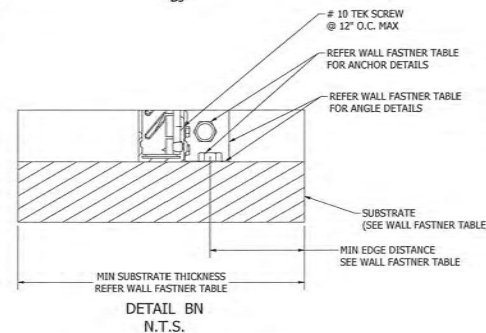
FRONT VIEW
WITHOUT WALL SLEEVE / PTAC UNIT
N.T.S.



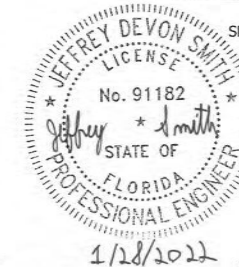
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N.T.S.



DETAIL BM
N.T.S.

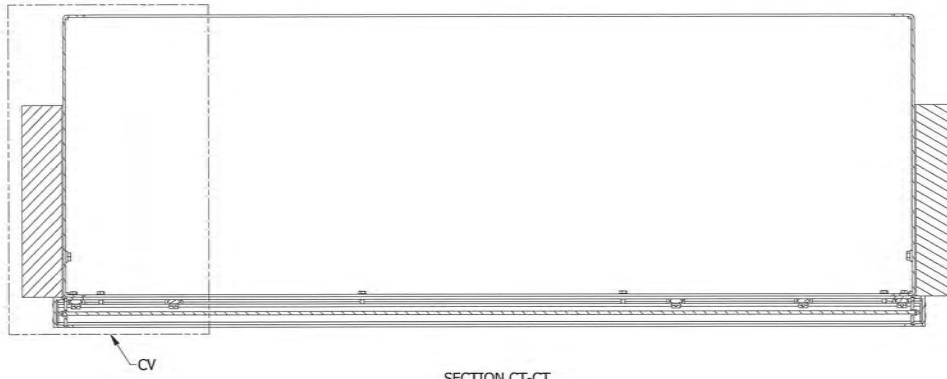


DETAIL BN
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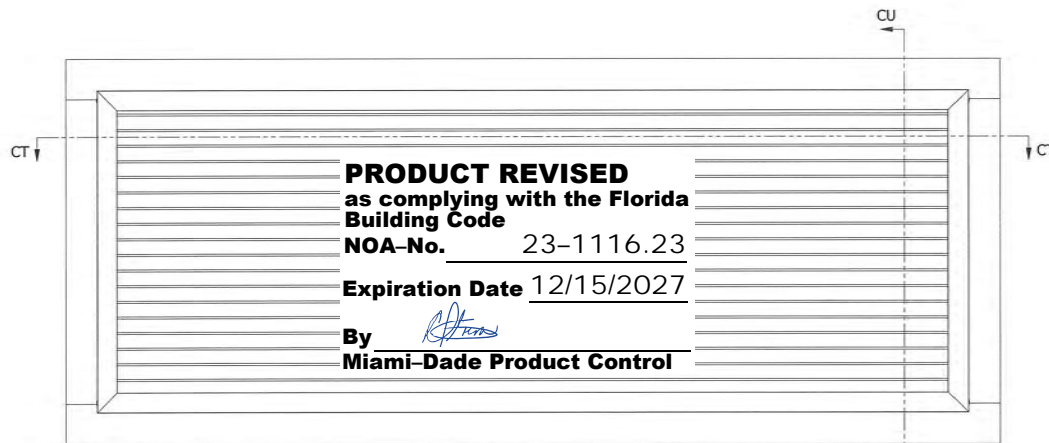


PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. **22-0223.02**
Approval Date **12/29/2022**
By *[Signature]*
Miami-Dade Product Control

AUTHOR	VDP	9/14/2021	RELIABLE <small>ALUMINUM EXTRUSION PRODUCTS</small> 1300 Enterprise Drive Geneva, AL 36340 PROPRIETARY AND CONFIDENTIAL
CHECKED	BLT	11/12/2021	
APPROVED	BLT	11/12/2021	
APPROVED	JSR	1/25/2022	
PRODUCT	AEL-42-7020-MID INSTALLATION INSTRUCTIONS		
REVISION	EXTRUDED ALUMINUM		
TITLE	INSTALLATION WITHOUT WALL SLEEVE / PTAC UNIT		
SIZE	D	THIS IS	60-022583-000
SCALE	N.T.S.	INVENTOR	SHEET 3 OF 8

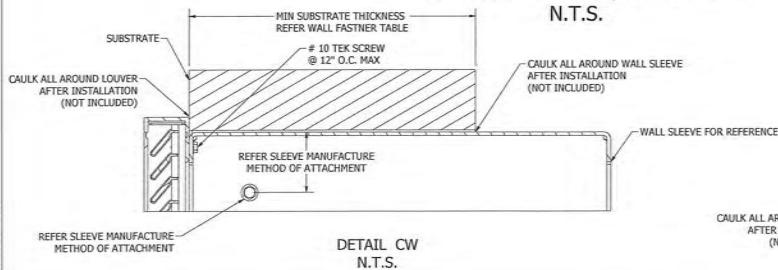


SECTION CT-CT
N.T.S.

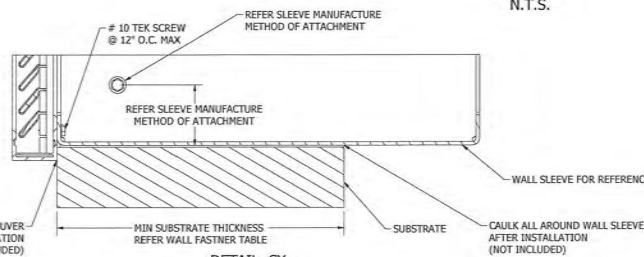


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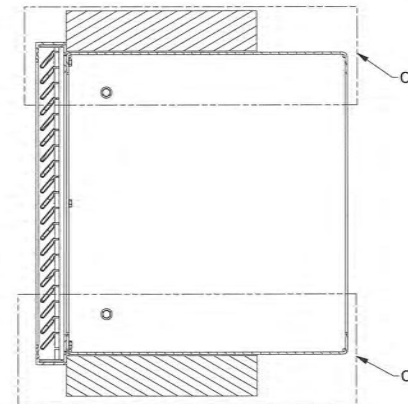
FRONT VIEW
WITH WALL SLEEVE / PTAC UNIT
N.T.S.



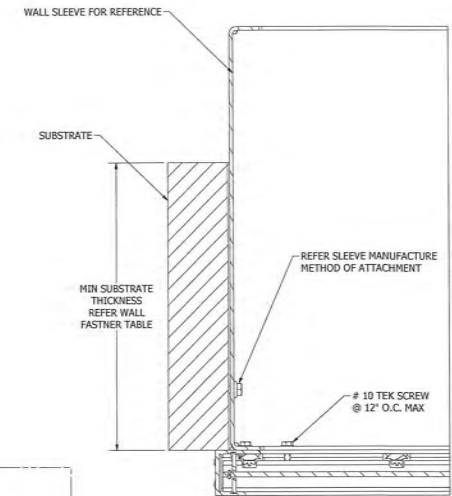
DETAIL CW
N.T.S.



DETAIL CY
N.T.S.



SECTION CU-CU
N.T.S.



DETAIL CV
N.T.S.

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By *[Signature]*
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REVISION	DATE	BY	REVISION	DATE	BY
1	9/14/2021	VDP	1	9/14/2021	VDP
2	11/12/2021	NLT	2	11/12/2021	NLT
3	11/12/2021	NLT	3	11/12/2021	NLT
4	1/25/2022	JSR	4	1/25/2022	JSR

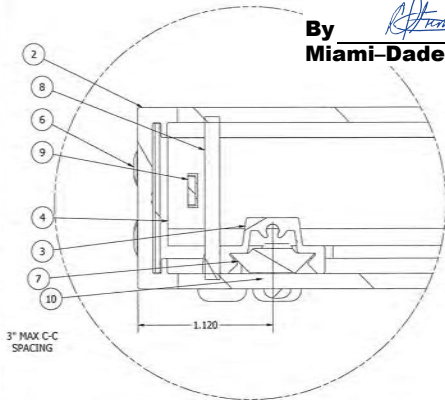
REVISION	DATE	BY	REVISION	DATE	BY
1	9/14/2021	VDP	1	9/14/2021	VDP
2	11/12/2021	NLT	2	11/12/2021	NLT
3	11/12/2021	NLT	3	11/12/2021	NLT
4	1/25/2022	JSR	4	1/25/2022	JSR

REVISION	DATE	BY	REVISION	DATE	BY
1	9/14/2021	VDP	1	9/14/2021	VDP
2	11/12/2021	NLT	2	11/12/2021	NLT
3	11/12/2021	NLT	3	11/12/2021	NLT
4	1/25/2022	JSR	4	1/25/2022	JSR

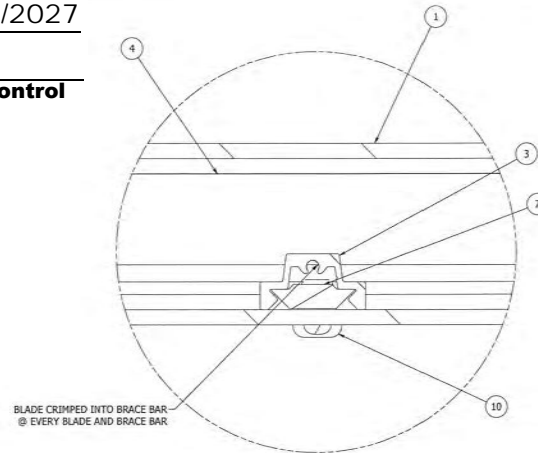
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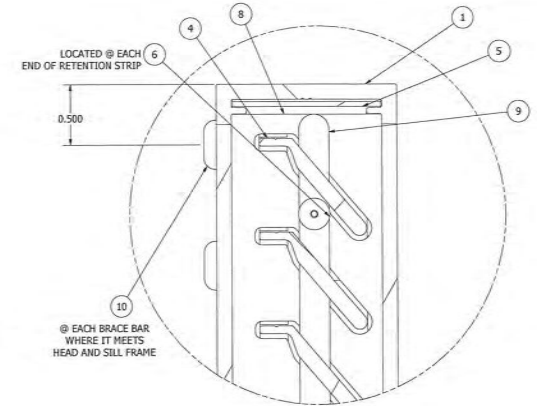
By *[Signature]*
Miami-Dade Product Control



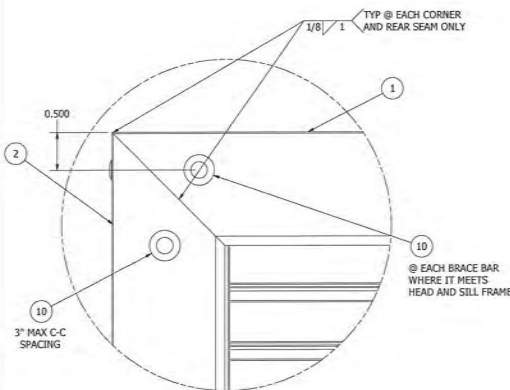
1
2 JAMB CONSTRUCTION DETAIL
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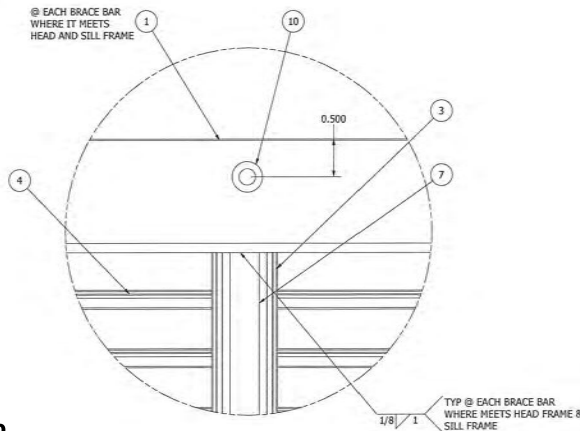
2
2 BRACE BAR CONSTRUCTION DETAIL
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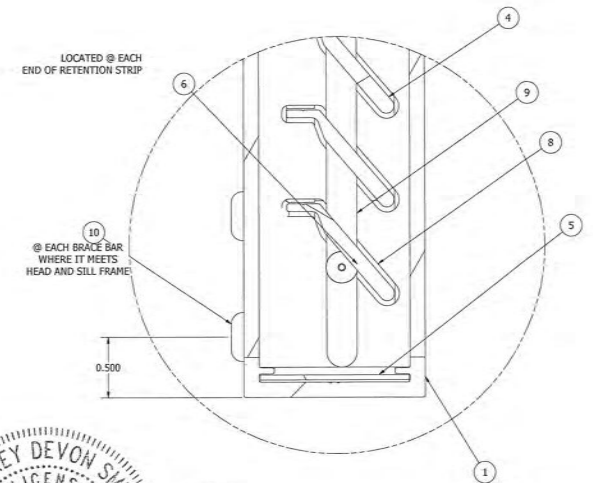
3
2 HEAD CONSTRUCTION DETAIL
N.T.S.



4
2 CORNER CONNECTION DETAIL
N.T.S.



5
2 BRACE BAR WELDMENT CONSTRUCTION DETAIL
N.T.S.

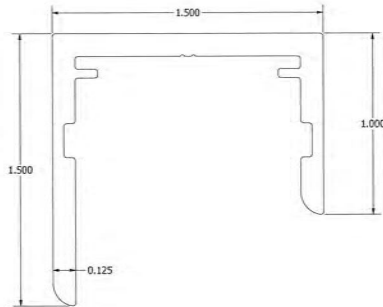


6
2 SILL CONSTRUCTION DETAIL
N.T.S.

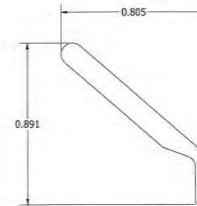
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By *[Signature]*
Miami-Dade Product Control



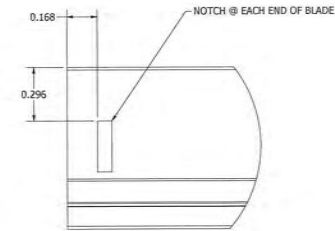
DESIGNED	VDP	9/14/2021	RELIABLE 1300 Enterprise Drive Genova, AL 36340 PROPRIETARY AND CONFIDENTIAL		
CHECKED	NLT	11/12/2021			
APPROVED	NLT	11/12/2021			
APPROVED	JSR	1/25/2022			
MATERIAL EXTRUDED ALUMINUM			PRODUCT	AEL-42-7020-MD INSTALLATION INSTRUCTIONS	
			TITLE	ASSEMBLY CONSTRUCTION DETAILS	
			SIZE	D	
			SCALE	N.T.S.	60-022583-00D
			INVENTOR	SHEET 5 OF 8	



ITEM 1 & 2 HEAD & JAMB FRAME
N.T.S.
RUSKIN PART # 70-023371-00B



ITEM 4 BLADE
N.T.S.
RUSKIN PART # RSM7020

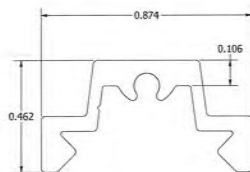


PRODUCT REVISED
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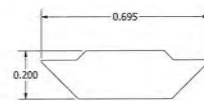
NOA-No. 23-1116.23

Expiration Date 12/15/2027

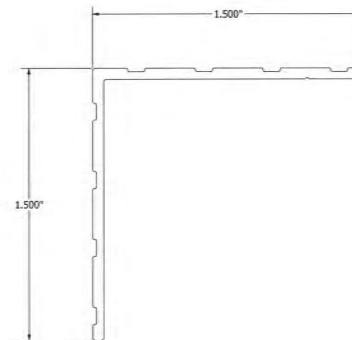
By *[Signature]*
Miami-Dade Product Control



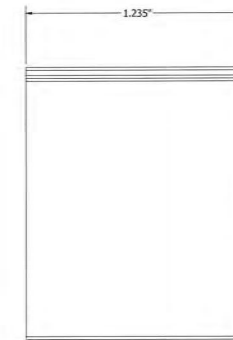
ITEM 3 BRACE BAR
N.T.S.
RUSKIN PART # RSM314



ITEM 7 SPLINE
N.T.S.
RUSKIN PART # RSM70



ITEM 5 CORNER LUG
N.T.S.
RUSKIN PART # 285



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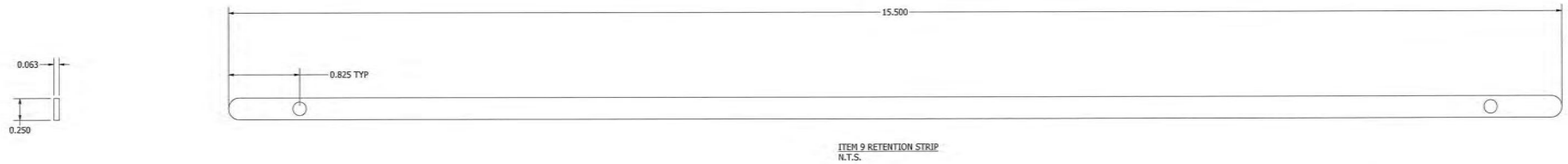
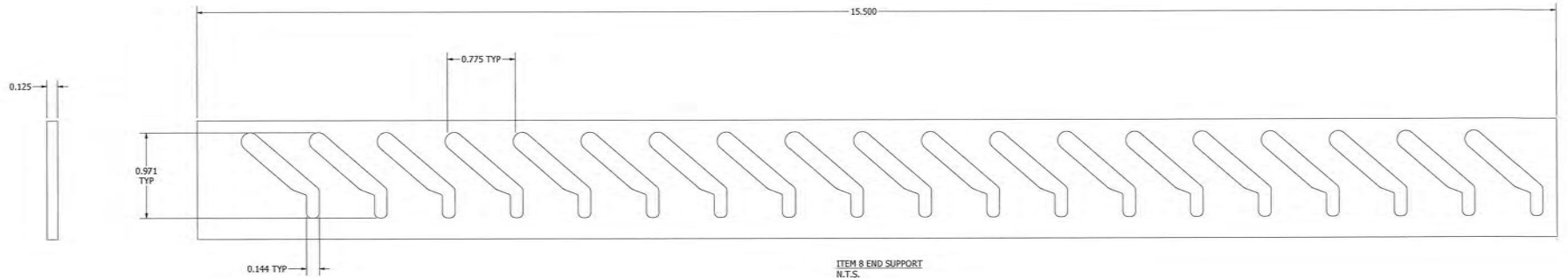
NOA-No. 22-0223.02

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By *[Signature]*
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AUTHOR	YDP	9/14/2021	RELIABLE ARCHITECTURAL ENGINEERING		1300 Enterprise Drive Geneva, AL 36340 PROPRIETARY AND CONFIDENTIAL	
CHECKED	NLT	11/12/2021				
APPROVED	NLT	11/12/2021				
APPROVED	JSR	1/25/2022	PRODUCT		AEL-42-7020-MD INSTALLATION INSTRUCTIONS	
REVISION			TITLE		PARTS	
EXTRUDED ALUMINUM			SIZE		60-022583-00D	
			SCALE		N.T.S.	
			INVENTOR		SHEET 6 OF 8	



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By *R. P. Thomas*
Miami-Dade Product Control

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By *R. P. Thomas*
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DESIGNED	YDP	9/14/2021	RELIABLE EXTRUDED ALUMINUM PRODUCTS	1300 Enterprise Drive Geneva, AL 36340 PROPRIETARY AND CONFIDENTIAL
CHECKED	NLT	11/12/2021		
APPROVED	NLT	11/12/2021		
APPROVED	JSR	1/25/2022		
REVISION	EXTRUDED ALUMINUM		PRODUCT	AEL-42-7020-MD INSTALLATION INSTRUCTIONS
			TITLE	PARTS
			SIZE	DWG NO
			D	60-022583-00D
			SCALE	N.T.S.
			INVENTOR	SHEET 7 OF 8

WALL FASTENER TABLE (N.I.C.)					
SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	FASTENER TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	SPACING
WOOD	3" THICK, SPECIFIC GRAVITY = 0.42	1/4"-20 BOLT W/ NUT, A307 GRADE A	2"	1.5"	8"
		3/8" DIA 1.5" LONG SCREW, A307 GRADE A	1.25"	1.0"	
STEEL	18 GAUGE, FU = 45 KSI, FY = 33 KSI	1/4"-20 BOLT W/ NUT, A307 GRADE A	N/A	0.5"	8"
	12 GAUGE, FU = 45 KSI, FY = 33 KSI	1/4"-20 SD SCREW, CS		1.0"	
ALUMINUM	0.125" THICK, FU = 20 KSI, FY = 15 KSI	1/4"-20 BOLT W/ NUT, A307 GRADE A	N/A	1.0"	8"
		1/4"-20 SD SCREW, CS			
CONCRETE	F'C = 2500 PSI	1/4" DIA. SIMPSON STRONG-TIE TITEN HD SCREW ANCHOR	1.625"	3.0"	8"
		1/4" DIA. DEWALT SCREW-BOLT+ SCREW ANCHOR	1.625"	2.0"	
		1/4" DIA. HILTI KWIK HUS-EZ SCREW ANCHOR	1.625"	2.0"	
		1/4" DIA. ELCO AGGRE-GATOR, 300 SERIES SS	1.0"	1.5"	
GROUT FILLED CMU	F'M = 1500 PSI	1/4" DIA. SIMPSON STRONG-TIE TITEN HD SCREW ANCHOR	2.5"	1.25"	8"
		1/4" DIA. DEWALT SCREW-BOLT+ SCREW ANCHOR	1.625"	2.0"	
		1/4" DIA. HILTI KWIK HUS-EZ SCREW ANCHOR	1.625"	4.0"	
		1/4" DIA. ELCO AGGRE-GATOR, 300 SERIES SS	1.25"	2.0"	

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 23-1116.23

Expiration Date 12/15/2027

By *[Signature]*
Miami-Dade Product Control



1/28/2022

PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 22-0223.02

Approval Date 12/29/2022

By *[Signature]*
Miami-Dade Product Control

APPROVED	YDP	9/14/2021	RELIABLE <small>REGISTERED PROFESSIONAL ENGINEER</small> 1300 Enterprise Drive Geneva, AL 36340 PROPRIETARY AND CONFIDENTIAL
CHECKED	NLT	11/12/2021	
APPROVED	NLT	11/12/2021	
APPROVED	JSR	1/25/2022	
REVISION	EXTRUDED ALUMINUM	PRODUCT: AEL-42-7020-MD INSTALLATION INSTRUCTIONS TITLE: WALL FASTENER TABLE SIZE: D DWG NO: 60-022583-00D SCALE: N.T.S. INVENTOR: SHEET 8 OF 8	