



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

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 EME5625MDE Aluminum Louver

APPROVAL DOCUMENT: Drawing No. **60-022588-00D**, titled "EME5625MDE / Wind-Driven Rain Resistant Louver", sheets 1 through 11 of 11, dated 05/21/2021, with revision A dated 07/29/2021, prepared by Ruskin Company, signed and sealed by Jeffrey D. Smith, P.E. on 11/18/2021, bearing the Miami-Dade County Product Control approval 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, Schofield, WI or Frankfort, KY, 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 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. 21-1021.03
Expiration Date: December 30, 2026
Approval Date: December 30, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **60-022588-00D**, titled “EME5625MDE / Wind-Driven Rain Resistant Louver”, sheets 1 through 11 of 11, dated 05/21/2021, with revision A dated 07/29/2021, prepared by Ruskin Company, signed and sealed by Jeffrey D. Smith, P.E. on 11/18/2021.

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 EME5625MDE fixed aluminum louvers, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-4224-01**, dated 06/23/2021, signed and sealed by Douglas J. McDougall, P.E.
2. Test report on Large Missile Impact (Level “E”) per AMCA 540-13 of EME5625MDE fixed aluminum louvers, prepared by Intertek, Test Report No. **L7566.01-801-44 R0**, dated 08/13/2021, signed and sealed by Tyler Westerling, P.E.
3. Test report on High Velocity Wind Driven Rain Resistance per AMCA 550-15 of a EME5625MD fixed aluminum louver, prepared by Intertek, Test Report No. **K9094.01-801-44 R0**, dated 02/08/2021, signed and sealed by Tyler Westerling, P.E.

C. CALCULATIONS

1. Louver Wind Load Review, prepared by Ruskin Company, dated 08/05/2021, 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 7th edition (2020) of the FBC, issued by Ruskin Company, dated 11/18/2021, signed and sealed by Jeffrey D. Smith, P.E.
2. Statement letter of no financial interest, issued by Ruskin Company, dated 08/18/2021, signed and sealed by Jeffrey D. Smith, P.E.



Carlos M. Utrera, P.E.

Product Control Examiner

NOA No. 21-1021.03

Expiration Date: December 30, 2026

Approval Date: December 30, 2021

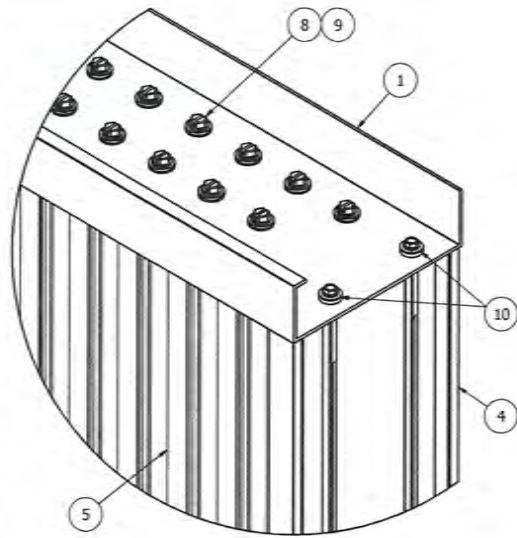
PARTS LIST			
FOR STANDARD LOUVER			
ITEM	DESCRIPTION	MATERIAL	ALLOY
1	HEAD FRAME	EXTRUDED ALUMINUM	6063-T6
2	SILL FRAME	EXTRUDED ALUMINUM	6063-T6
3	JAMB FRAME-LH	EXTRUDED ALUMINUM	6063-T6
4	JAMB FRAME-RH	EXTRUDED ALUMINUM	6063-T6
5	BLADE	EXTRUDED ALUMINUM	6063-T6
6	WATERSTOP	EXTRUDED ALUMINUM	6063-T5
7	H.H.B.S.	EXTRUDED ALUMINUM	6063-T6
8	SCR 12-14X2 HWH SLOTTED DRIVE AB ZC	410 SS/ZC	-
9	#12 BONDED SEALING WASHER	NEOPRENE	-
10	SCR 10-16 X2" HWH SW A/B	410 SS/ZC	-
11	SCR 8-18 X .75 HWH SW A/B	410 SS/ZC	-
12	SCR 10X1.0 HWH TEK 410 ZC	410 SS/ZC	-
13	ACRYL-R SEALANT	-	-
MULTI-SECTION PARTS LIST			
ITEM	DESCRIPTION	MATERIAL	ALLOY
14	SPL PLT LVR ALUM 2X4X.125	ALUMINUM	3003-H14
SHIP LOOSE			
ITEM	DESCRIPTION	MATERIAL	ALLOY
15	INSTALL ANGLE 2" X 2" X 1/4"	EXTRUDED ALUMINUM	6063-T6
16	CONT. RETAINING ANGLE - 1/4" X 2"	FORMED ALUMINUM	3003-H14
17	CONT. RETAINING ANGLE - 1/4" X 3" X 5"	FORMED ALUMINUM	3003-H14
18	CONT. RETAINING ZEE - 1/4" THK PLT	FORMED ALUMINUM	5005-H34
19	CONT. STIFFENER PLT - 1/8" X 4 1/2"	ALUMINUM	5005-H34
20	SCR 12X1.0 HWH TEK	410 SS/ZC	-
21	SCR 10X1.0 HWH TEK 410 ZC	410 SS/ZC	-
22	SCR 1/4-20X1.5 HWH TEK ZC	410 SS/ZC	-
23	FASTENERS (N.I.C.)	-	-
UNIVERSAL SLEEVE PARTS LIST			
ITEM	DESCRIPTION	MATERIAL	ALLOY
24	FRONT FLANGE UNIVERSAL SLEEVE	.125" THK FORMED ALUM	5005-H34
25	HEAD FRAME W/ INTEGRAL FLANGE	EXTRUDED ALUMINUM	6063-T6
26	SILL FRAME W/ INTEGRAL FLANGE	EXTRUDED ALUMINUM	6063-T6
27	JAMB FRAME W/ INTEGRAL FLANGE	EXTRUDED ALUMINUM	6063-T6
28	INSTALL ANGLE 2" X 2" X 1/4"	EXTRUDED ALUMINUM	6063-T6
29	SCR 1.4-14X1.0 HWH TEK ZC	410 SS/ZC	-

ABBREVIATIONS:

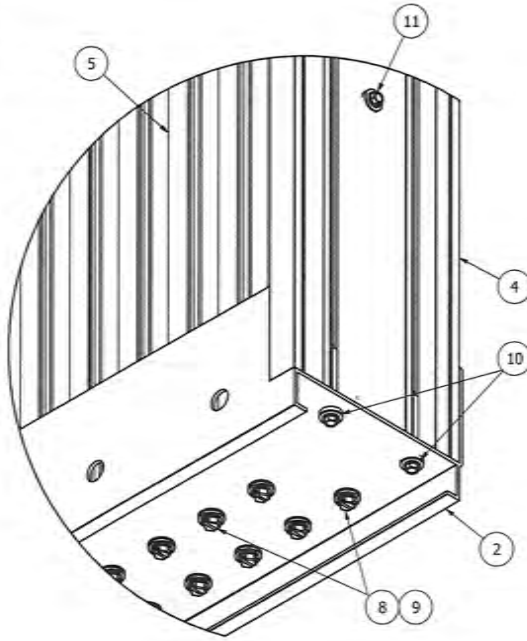
B.O. - BLANK OFF
CF - CHANNEL FRAME
CONT. - CONTINUOUS
C-C - CENTER TO CENTER
DIM - DIMENSION
FLG - FLANGE
FF - FLANGED FRAME
HDG - HOT DIP GALVANIZED
H.V.B.S. - HIDDEN VERTICAL BLADE SUPPORT
H.H.B.S. - HIDDEN HORIZONTAL BLADE SUPPORT
HWH - HEX WASHER HEAD
L.D. - LOUVER DIMENSION
MAX. - MAXIMUM
MIN. - 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
SHT - SHEET
S.S. - SHIP SECTION
S.S.D. - SHIP SECTION DIMENSION
S.D.S. - SELF DRILLING SCREW
SIM - SIMILAR
STL - STEEL
TYP. - TYPICAL
U.N.O. - UNLESS NOTED OTHERWISE

DRAWING SHEET INDEX:

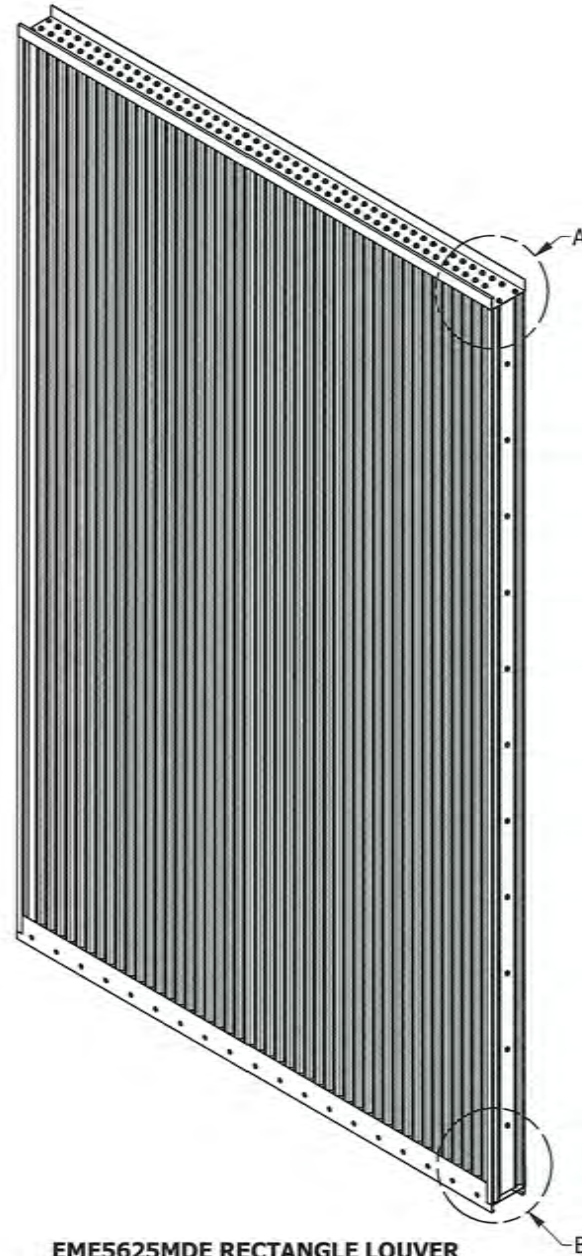
SHEET 01 - STANDARD LOUVER SPECIFICATIONS
SHEET 02 - SINGLE-SECTION (CF) ASSEMBLY & DETAILS
SHEET 03 - MULTI-SECTION (CF) ASSEMBLY
SHEET 04 - STANDARD INSTALLATION DETAILS
SHEET 05 - TABLE 1 FASTENER TABLE
SHEET 06 - ALTERNATE INSTALLATION DETAILS
SHEET 07 - TABLE 2 FASTENER TABLE
SHEET 08 - UNIVERSAL SLEEVE ASSEMBLY
SHEET 09 - UNIVERSAL SLEEVE INSTALLATION DETAILS
SHEET 10 - LOUVER ASSEMBLY PART PROFILES
SHEET 11 - INSTALLATION PART PROFILES



DETAIL A



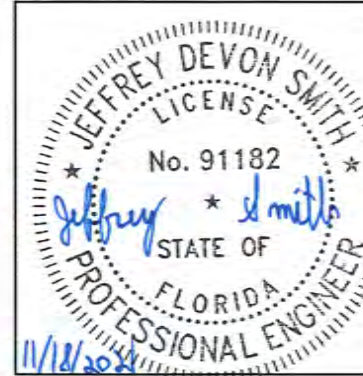
DETAIL B



EME5625MDE RECTANGLE LOUVER
N.T.S.

NOTES:

1. THE **EME5625MDE** HAS BEEN TESTED IN ACCORDANCE WITH & QUALIFIED TO FLORIDA BUILDING CODE TESTING PROTOCOLS **TAS-201, 202, & 203** FOR LARGE MISSILE IMPACT, UNIFORM PRESSURE, CYCLIC WIND PRESSURE; FOR **LEVEL E (ENHANCED PROTECTION)** MISSILE IMPACT **AMCA 540**; & **AMCA 550** FOR HIGH VELOCITY WIND DRIVEN RAIN.
2. QUALIFICATIONS TO **AMCA 550** ALLOWS THIS LOUVER TO BE INSTALLED IN A LOCATION WHERE THE ROOM BEHIND THE LOUVER IS NOT DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM & THE ROOM DOES NOT HOUSE WATER RESISTANT/PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES.
3. THIS LOUVER SYSTEM IS APPROVED FOR APPLICATIONS WITH **DESIGN PRESSURES OF 160 PSF** OR LESS. THIS LOUVER SYSTEM IS NON-BEARING AND IS NOT DESIGNED TO WITHSTAND BUILDING DEAD LOADS.
4. SECTIONS OR ASSEMBLIES MAY BE STACKED VERTICALLY PROVIDING A SUITABLE STRUCTURAL MEMBER, DESIGNED & INSTALLED BY OTHERS, IS BETWEEN EACH STACKED LOUVER TO CARRY THE FULL LOAD OF THE UPPER LOUVER, SO THAT NO LOUVER TAKES THE LOAD OF THE OTHER.
5. THIS LOUVER ATTACHES ONLY AT THE HEAD & SILL TO THE SUBSTRATE. NO ATTACHMENT AT JAMBS. **SEE SHEET -04, -05, -06, -07 & -09** FOR INSTALLATION PARTS & DETAILS. REQUIREMENTS GIVEN IN "SUBSTRATE FASTENER TABLE" ARE AS NEEDED FOR ANCHORAGE ONLY AND (N.I.C.).
6. MAXIMUM SINGLE SECTION SIZE FOR RECTANGLES ARE **72" WIDE X 120" HIGH**. UNLIMITED WIDTH CAN BE ACCOMPLISHED BY PLACING SINGLE SECTIONS SIDE-BY-SIDE.
7. EXTRUDED ALUMINUM H.H.B.S. CHANNEL IS FACTORY CUT TO FIT BETWEEN EACH BLADE. THE H.H.B.S. CHANNEL IS SCREWED TO THE FIRST BLADES, LAST BLADE & AT BOTH JAMBS FRAMES. THE H.H.B.S. CHANNEL IS REQUIRED FOR ANY LOUVER ASSEMBLY EXCEEDING **60" HIGH** & EQUALLY SPACED BETWEEN HEAD & SILL FRAMES.
8. ALL WELDED ATTACHMENTS REQUIRE A MINIMUM FILLER OF 4043 ALUMINUM ALLOY WITH A MINIMUM TENSILE STRENGTH OF 24KSI.
9. **SQUARE BALLOONS** INDICATE **SHIP LOOSE PARTS**.



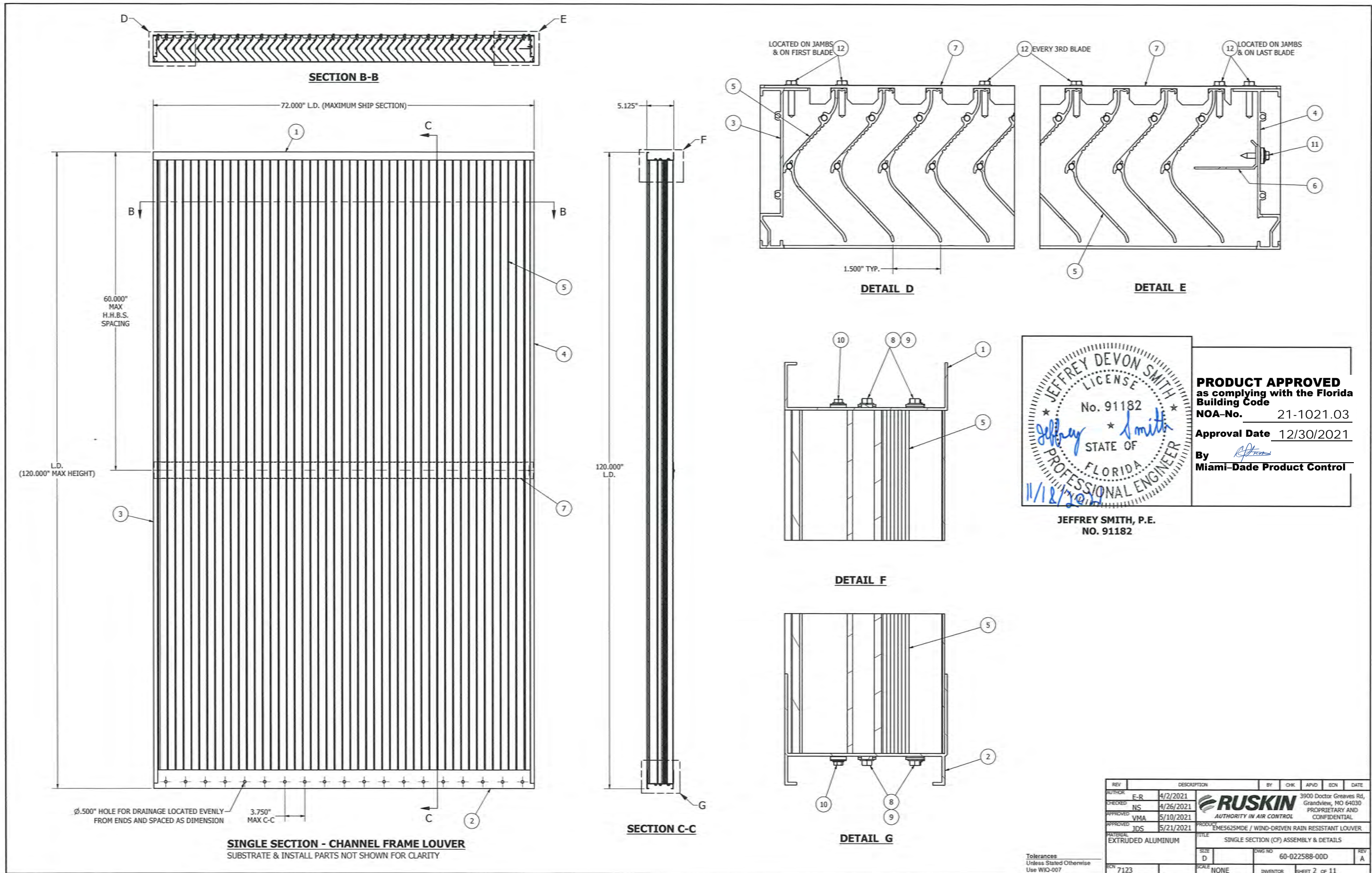
JEFFREY SMITH, P.E.
NO. 91182

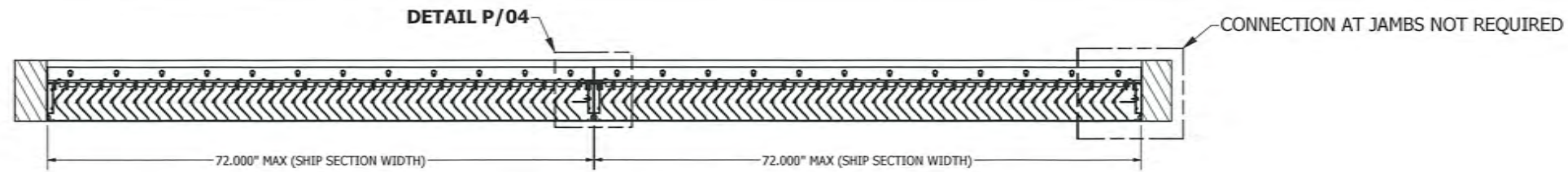
PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-1021.03

Approval Date 12/30/2021

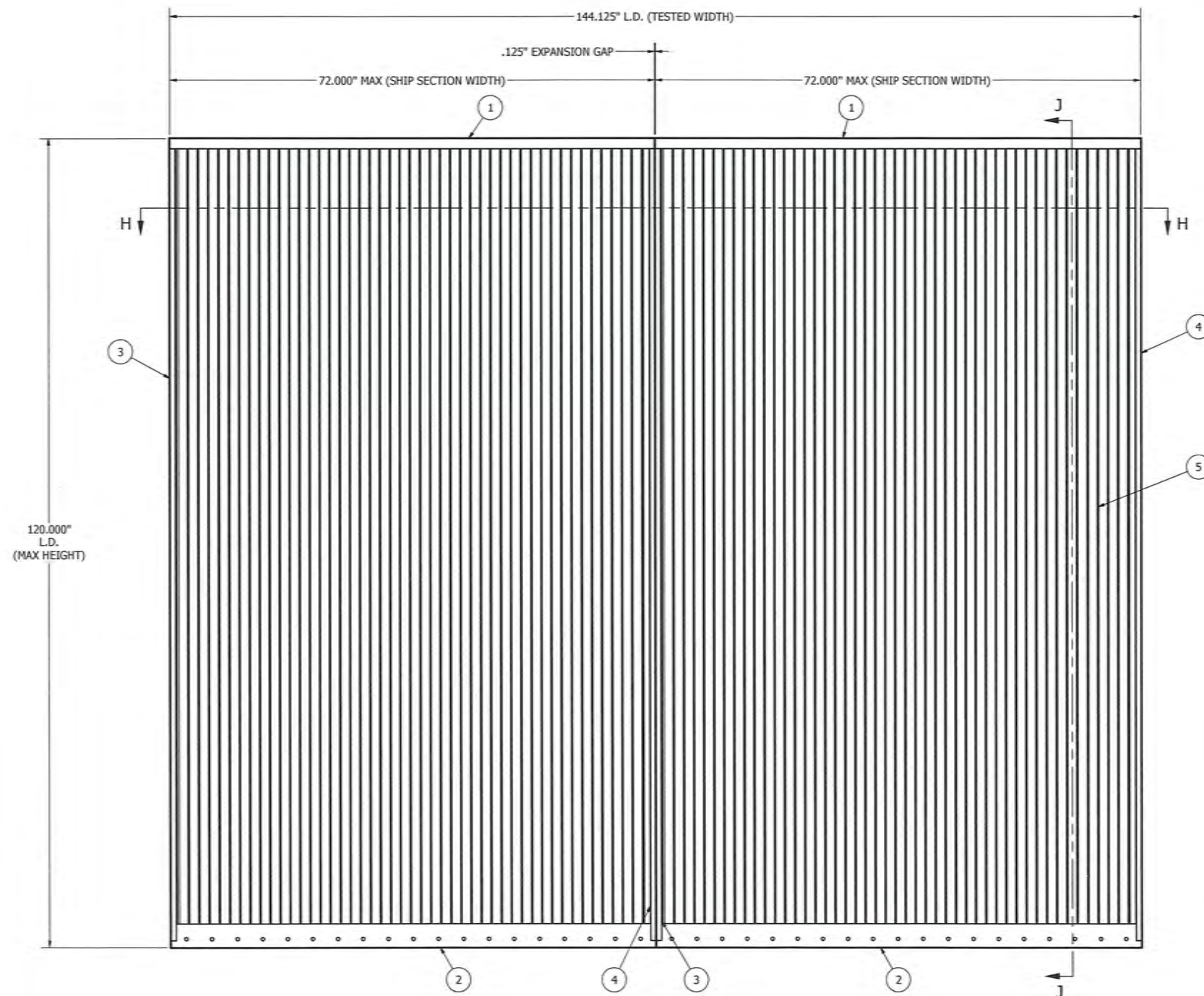
By *R. P. Smith*
Miami-Dade Product Control

A	MODEL NAME UPDATED FROM EME5625MD TO EME5625MDE		M-S	E-R	JDS	7/29/2021	
REV	DESCRIPTION		BY	CHK	APVD	EON	DATE
AUTHOR	E-R	4/2/2021	 3900 Doctor Greaves Rd, Grandview, MO 64030 PROPERTY AND CONFIDENTIAL				
CHECKED	NS	4/26/2021					
APPROVED	VMA	5/10/2021					
APPROVED	JDS	5/21/2021					
MATERIAL EXTRUDED ALUMINUM					PRODUCT EME5625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER		
TITLE STANDARD LOUVER SPECIFICATIONS							
SIZE D		DWG NO 60-022588-000		REV A			
SCALE NONE		INVENTOR		SHEET 1 OF 11			
EON 7123							

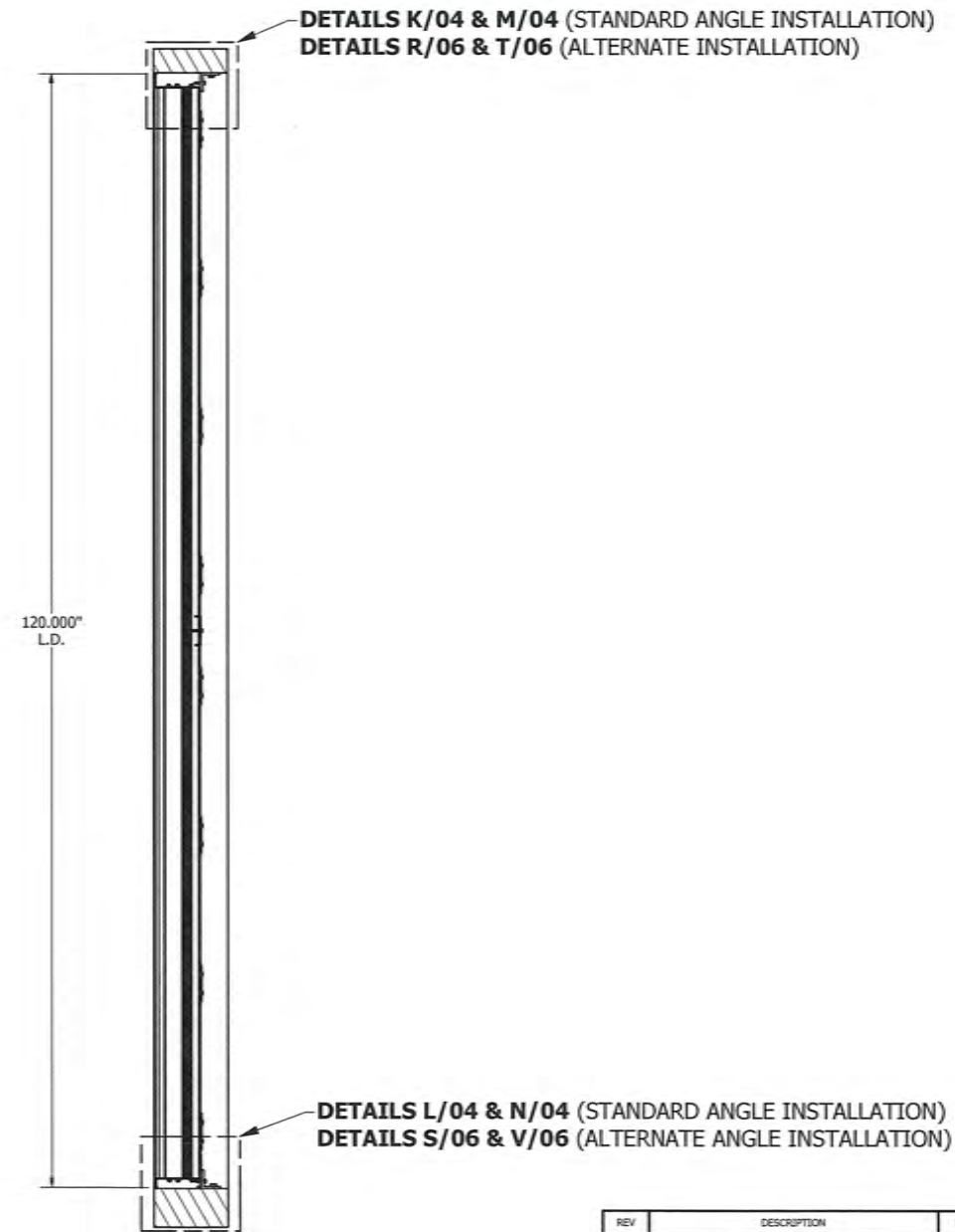




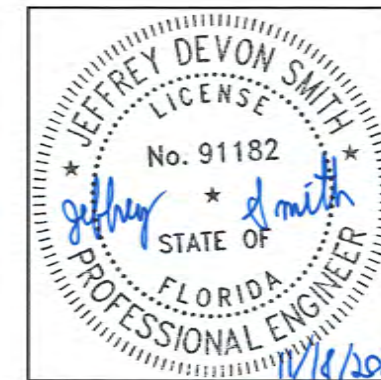
SECTION H-H



MULTI-SECTION ASSEMBLY - CHANNEL FRAME LOUVER
SUBSTRATE & INSTALL PARTS NOT SHOWN FOR CLARITY



SECTION J-J

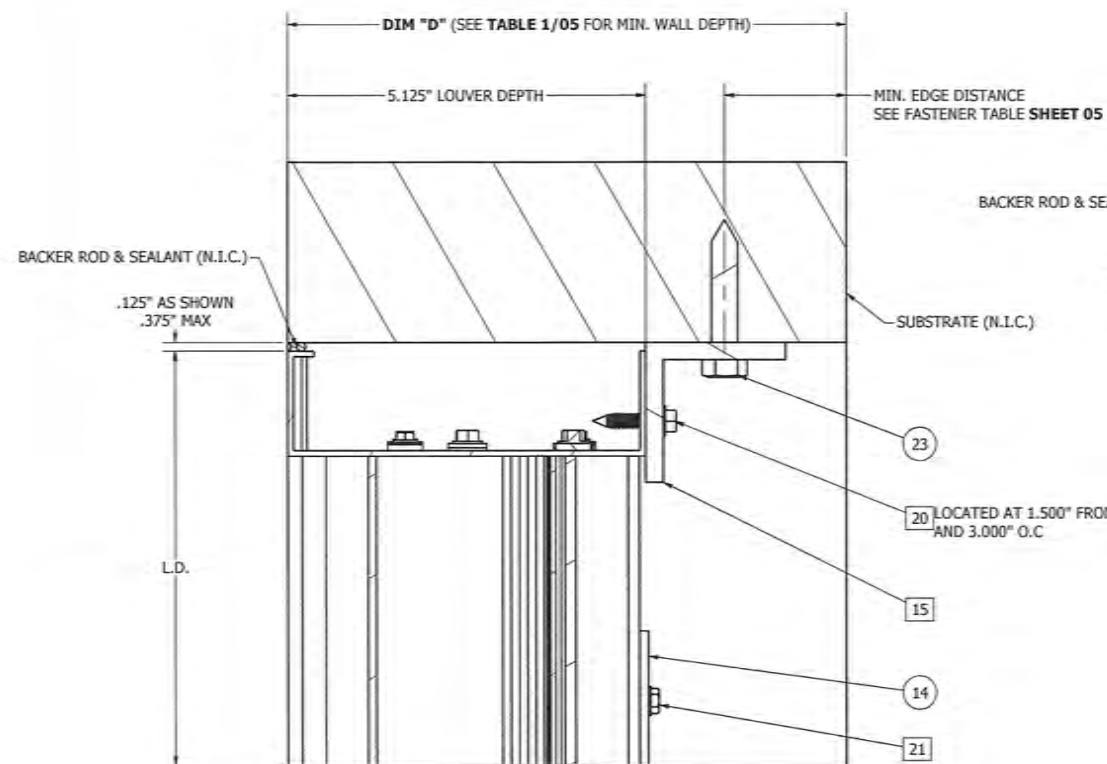


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NO. 91182

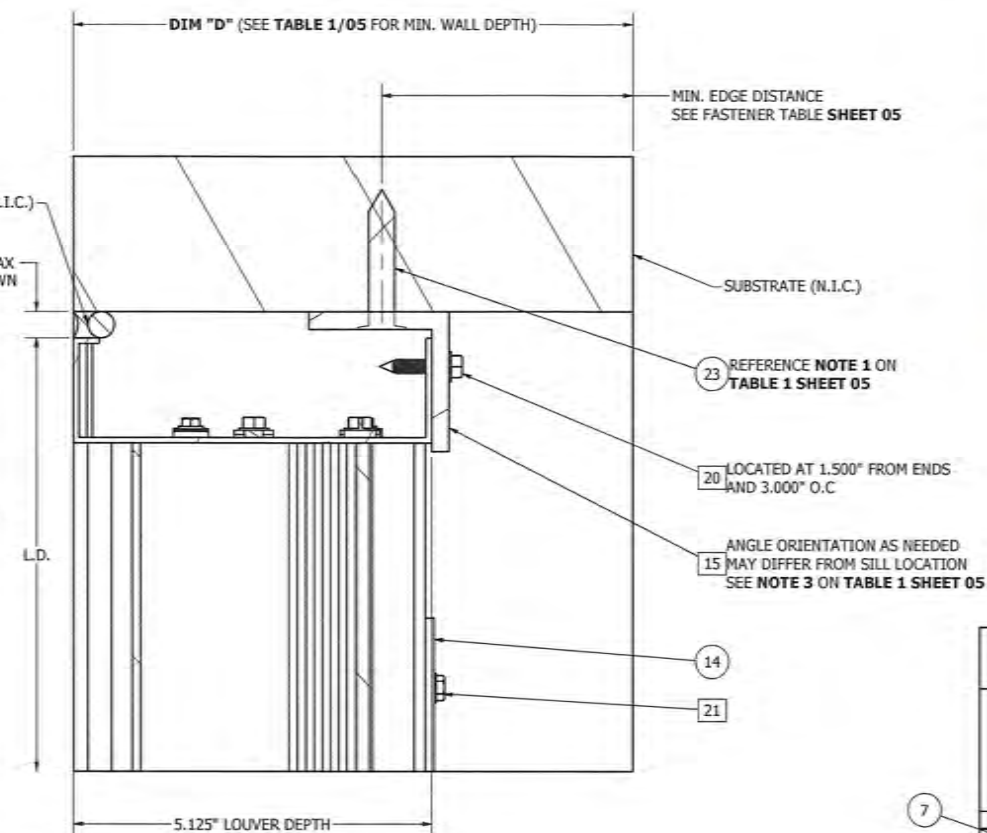
PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-1021.03
Approval Date 12/30/2021
By *[Signature]*
Miami-Dade Product Control

REV	DESCRIPTION	BY	CHK	APD	ECN	DATE
AUTHOR	E-R	4/2/2021				
CHECKED	NS	4/26/2021				
APPROVED	VMA	5/10/2021				
APPROVED	JDS	5/21/2021				
<div> <div> <p>3900 Doctor Greaves Rd, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL</p> </div> <div> <p>PRODUCT</p> <p>EMES62SMDE / WIND-DRIVEN RAIN RESISTANT LOUVER</p> </div> </div>						
<div> <div> <p>MATERIAL</p> <p>EXTRUDED ALUMINUM</p> </div> <div> <p>TITLE</p> <p>MULTI-SECTION (CF) ASSEMBLY</p> </div> </div>						
<div> <div> <p>SIZE</p> <p>D</p> </div> <div> <p>DWG NO</p> <p>60-022588-00D</p> </div> </div>						
<div> <div> <p>ECN</p> <p>7123</p> </div> <div> <p>SCALE</p> <p>NONE</p> </div> </div>						
<div> <div> <p>INVENTOR</p> <p>SHEET 3 OF 11</p> </div> <div> <p>REV</p> <p>A</p> </div> </div>						

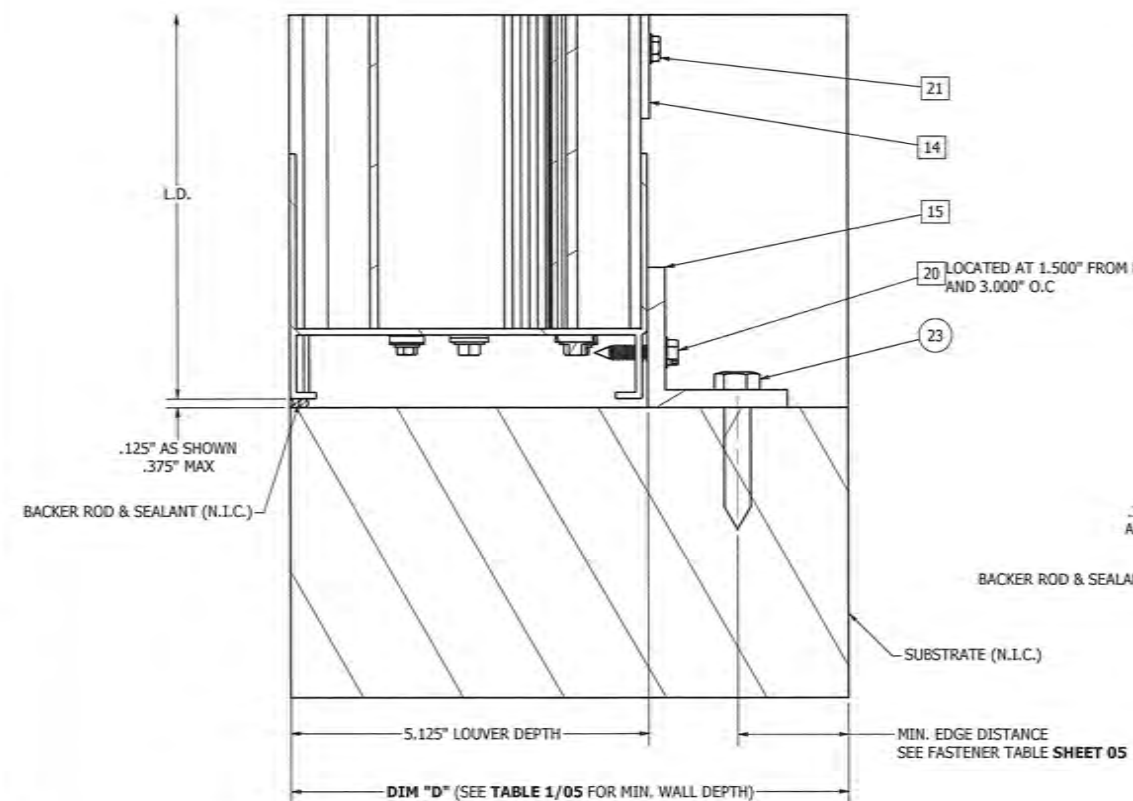
Tolerances
Unless Stated Otherwise
Use W10-007



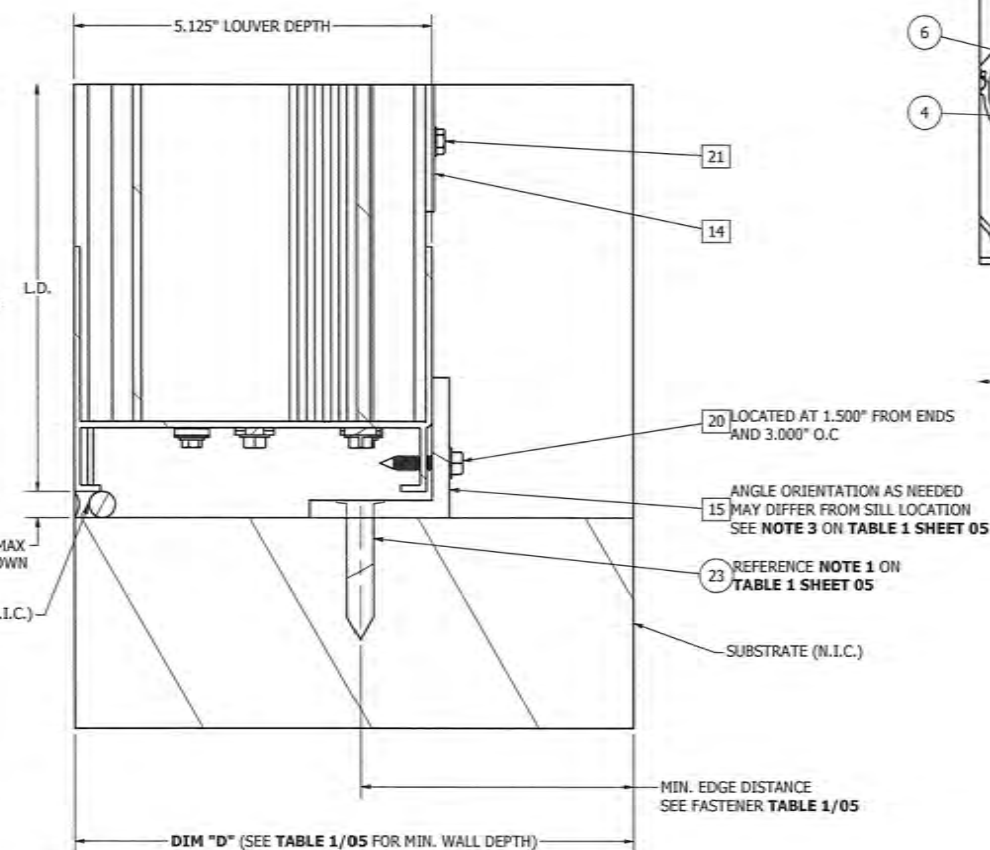
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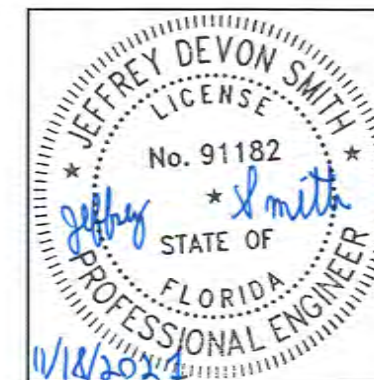
DETAIL M



DETAIL L



DETAIL N

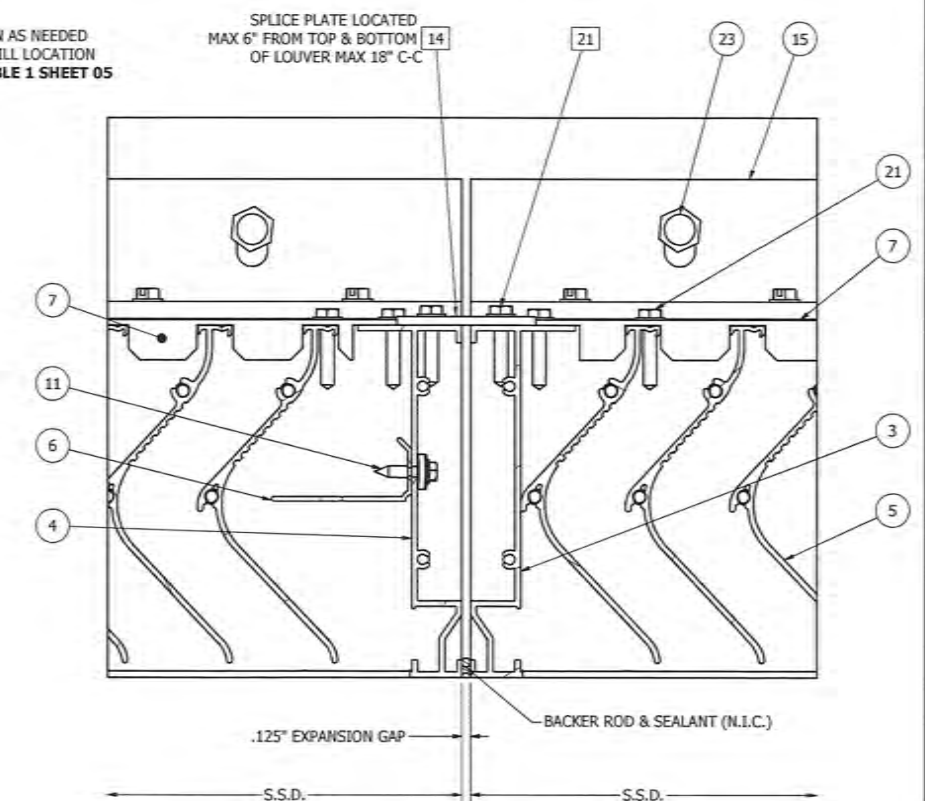


JEFFREY SMITH, P.E.
NO. 91182

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Approval Date 12/30/2021

By *[Signature]*
Miami-Dade Product Control



DETAIL P

REV	DESCRIPTION	BY	CHK	APVD	EON	DATE
AUTHOR	E-R	4/2/2021				
CHECKED	NS	4/26/2021				
APPROVED	VMA	5/10/2021				
APPROVED	JDS	5/21/2021				
MATERIAL	EXTRUDED ALUMINUM					
<div> <div> RUSKIN <small>3900 Doctor Greaves Rd, Grandview, MO 64030</small> <small>PROPRIETARY AND CONFIDENTIAL</small> </div> <div> <small>PRODUCT</small> EMES625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER <small>TITLE</small> STANDARD INSTALLATION DETAILS <small>DWG NO</small> 60-022588-00D <small>SCALE</small> NONE </div> </div>						
EON	7123					
INVENTOR						
SHEET	4	OF	11			

Tolerances
Unless Stated Otherwise
Use WIO-007

TABLE 1 - EME5625MDE / STANDARD INSTALLATION SUBSTRATE FASTENER TABLE (BY OTHERS)					
SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	FASTENER TYPE	MAX. C-C SPACING AT HEAD & SILL	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	3" THICK, 0.42 SPECIFIC GRAVITY	3/8" DIA. BOLT W/ NUT, MIN. A307 GRADE A	6"	3 THREADS BEYOND NUT	1 1/2"
		3/8" DIA. LAG SCREW, MIN. A307 GRADE A	6"	2 5/8"	1 1/2"
STEEL	16 GA, 45 KSI TENSILE STRENGTH, 33 KSI YIELD STRENGTH	3/8" DIA. BOLT W/ NUT, MIN. A307 GRADE A	6"	3 THREADS BEYOND NUT	3/4"
	10 GA, 45 KSI TENSILE STRENGTH, 33 KSI YIELD STRENGTH	5/16" DIA. SELF DRILLING SCREW, MIN. SAE GRADE 2*	6"	3 THREADS BEYOND SUB. THICKNESS	5/8"
ALUMINUM	0.125" THICK, 20 KSI TENSILE STRENGTH, 15 KSI YIELD STRENGTH	3/8" DIA. BOLT W/ NUT, MIN. A307 GRADE A	6"	3 THREADS BEYOND NUT	3/4"
		5/16" DIA. SELF DRILLING SCREW, MIN. SAE GRADE 2*	3"	3 THREADS BEYOND SUB. THICKNESS	5/8"
CONCRETE	UNCRACKED, 2220 PSI COMP. STRENGTH	1/4" DIA. ELCO AGGRE-GATOR, 300 SERIES SS*	3"	1 3/4"	1 1/2"
	UNCRACKED, 2500 PSI COMP. STRENGTH	3/8" DIA. BUILDEX TAPCON+, CARBON STEEL	3"	2 1/2"	1 1/2"
		3/8" DIA. POWERS POWER-STUD+ SD1, CARBON STEEL	6"	2 3/8"	2 1/4"
	CRACKED, 2500 PSI COMP. STRENGTH	3/8" DIA. BUILDEX TAPCON+, CARBON STEEL	3"	2 3/8"	2 3/4"
		3/8" DIA. POWERS POWER-STUD+ SD1, CARBON STEEL	6"		3 1/2"
GROUT FILLED CMU	ASTM C-90 BLOCK, 1500 PSI GROUT COMP. STRENGTH	1/4" DIA. ELCO AGGRE-GATOR, 300 SERIES SS*	3"	2"	2"
		3/8" DIA. POWERS POWER-STUD+ SD1, CARBON STEEL	3"	2 3/8"	2"

NOTES:

- 1. * COUNTER SUNK PHILLIPS FLAT HEAD ANCHORS MAY BE USED FOR REVERSE CLIP.
- 2. ** ONLY AS REQ'D FOR ANCHORAGE, DESIGN OF SUBSTRATE IS NOT BY RUSKIN (N.I.C.). ACTUAL SUBSTRATE DEPTH SHALL BE PER PROJECT DRAWINGS.
- 3. WHEN REVERSE ANGLE INSTALLATION IS USED. COUNTERSUNK HOLES CAN BE DRILLED OUT IN ANGLES DONE BY OTHERS (N.I.C.).



JEFFREY SMITH, P.E.
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NOA-No. 21-1021.03

Approval Date 12/30/2021

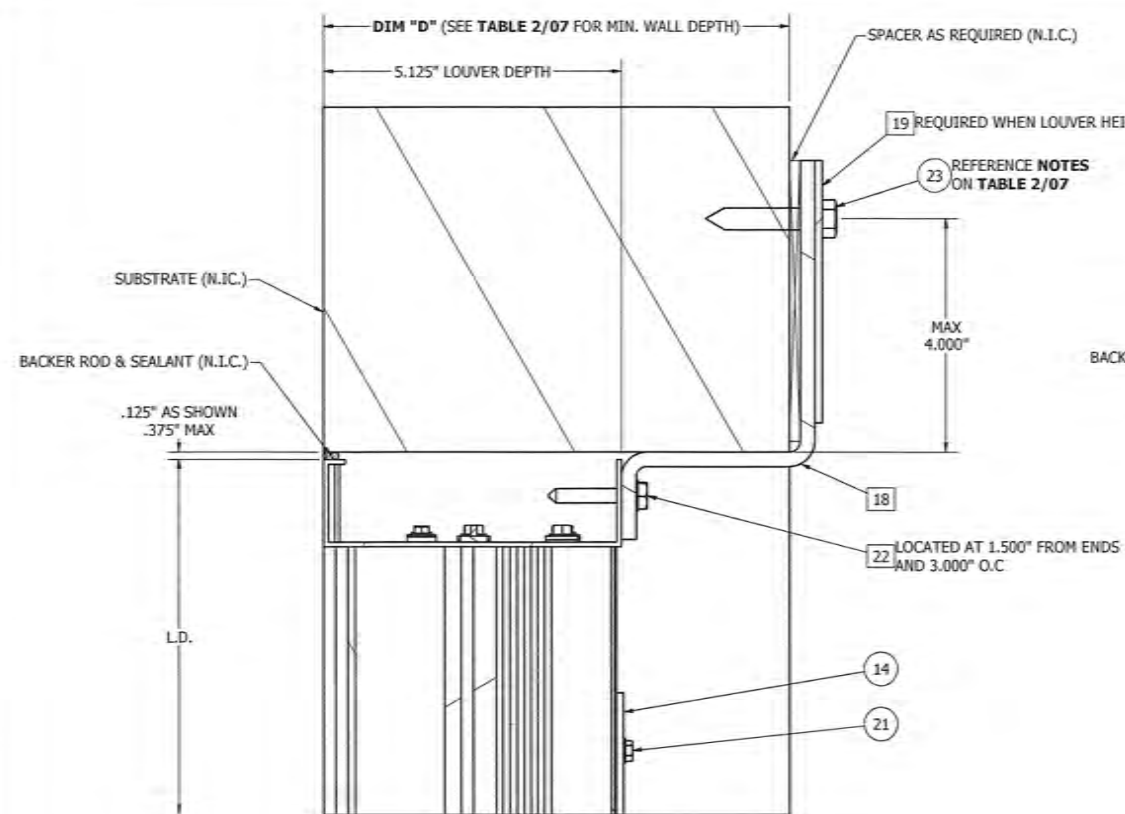
By *[Signature]*
Miami-Dade Product Control

Tolerances
Unless Stated Otherwise
Use W10-007

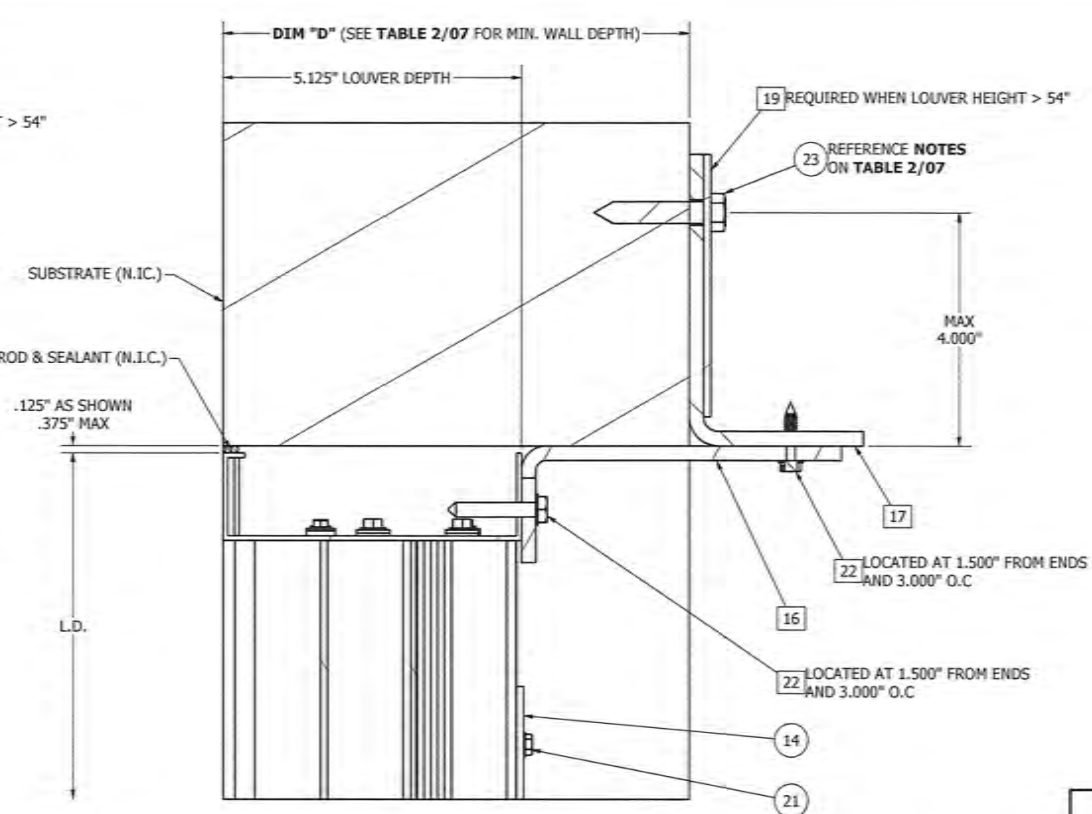
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CHECKED	NS	4/26/2021				
APPROVED	VMA	5/10/2021				
APPROVED	JDS	5/21/2021				
MATERIAL: EXTRUDED ALUMINUM						
TITLE: TABLE 1 FASTENER TABLE						
SIZE	D	DWG NO. 60-022588-000		REV	A	
EON	7123	SCALE	NONE	INVENTOR	SHEET 5 of 11	

RUSKIN
3900 Doctor Greaves Rd,
Grandview, MO 64030
AUTHORITY IN AIR CONTROL
PROPRIETARY AND
CONFIDENTIAL

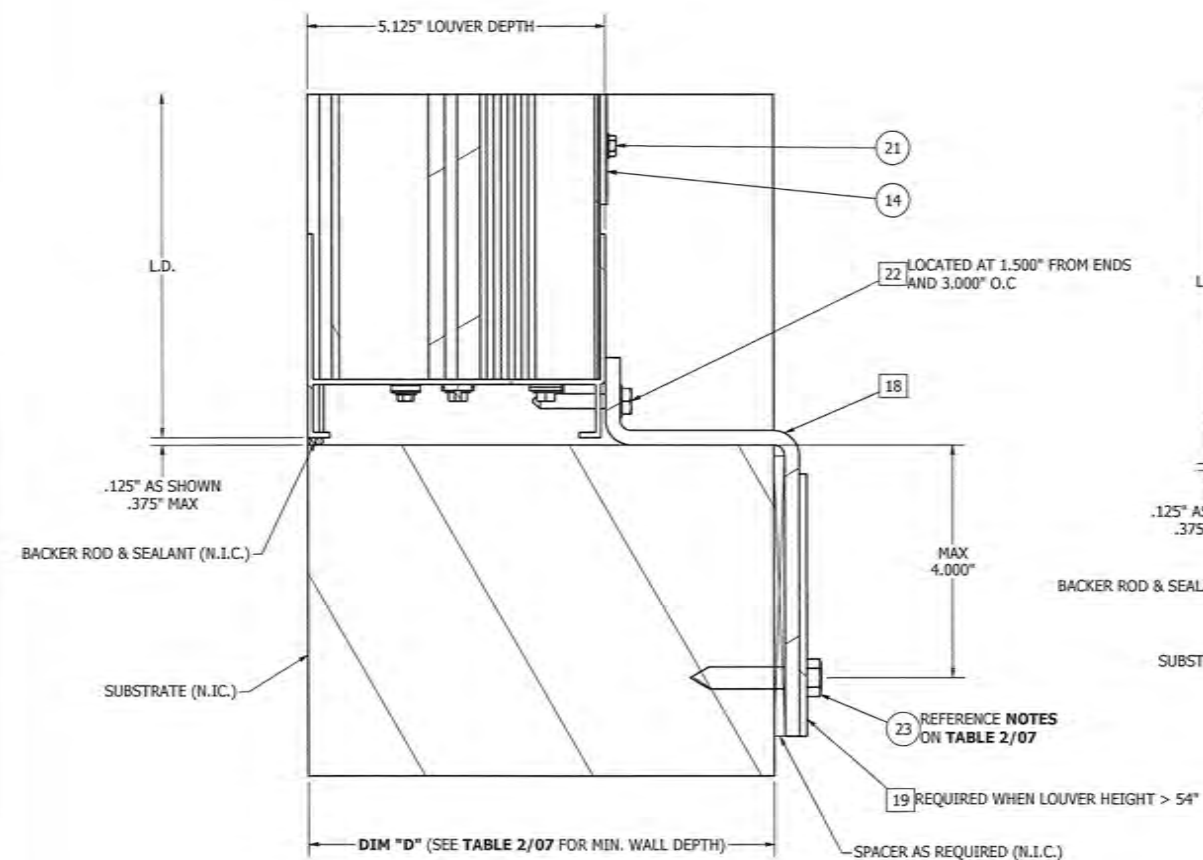
PRODUCT: EME5625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER



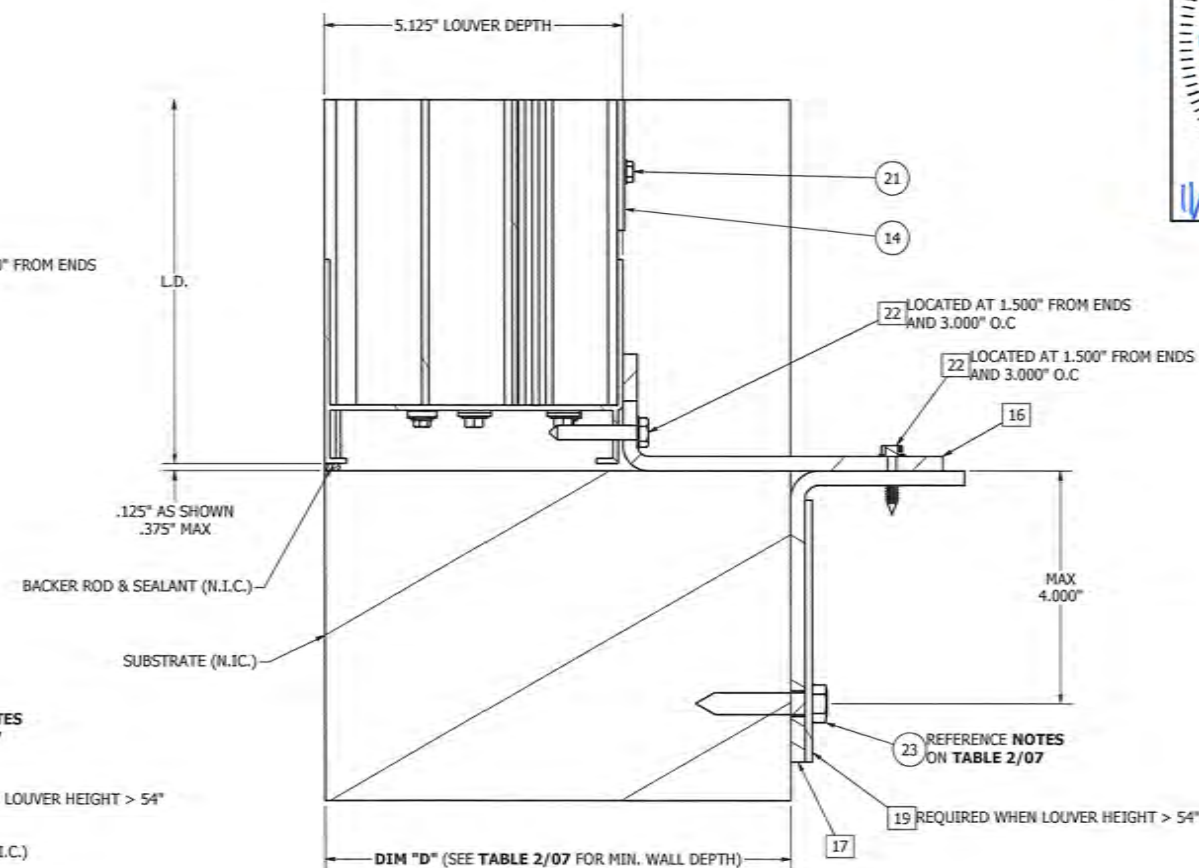
DETAIL R



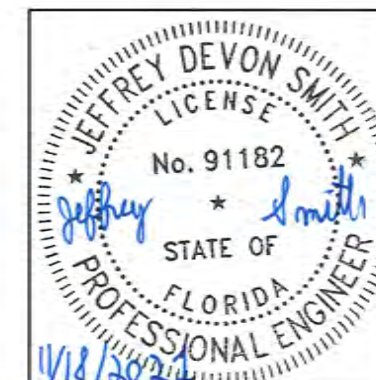
DETAIL T



DETAIL S



DETAIL V



JEFFREY SMITH, P.E.
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By *R. J. Torres*
Miami-Dade Product Control

Tolerances
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Use WJO-007

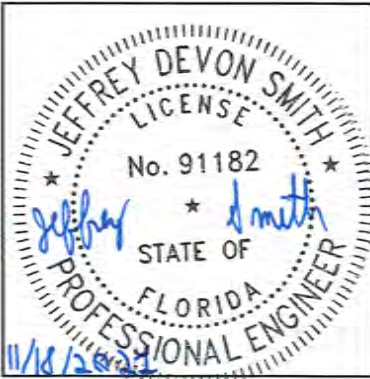
REV	DESCRIPTION	BY	CHK	APVD	EON	DATE
AUTHOR	E-R	4/2/2021				
CHECKED	NS	4/26/2021				
APPROVED	VMA	5/10/2021				
APPROVED	JDS	5/21/2021				
MATERIAL	EXTRUDED ALUMINUM					
PRODUCT	EMES625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER					
TITLE	ALTERNATE INSTALLATION DETAILS					
SIZE	D					
SCALE	NONE					
EON	7123					
INVENTOR						
SHEET	6					
OF	11					

RUSKIN
AUTHORITY IN AIR CONTROL
3900 Doctor Greaves Rd,
Grandview, MO 64030
PROPRIETARY AND
CONFIDENTIAL

DWG NO. 60-022588-00D
REV A

ALTERNATE INSTALLATION TABLE 2 - EME5625MDE RETAINING ANGLE / ZEE INSTALLATION SUBSTRATE FASTENER TABLE (BY OTHERS)					
SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	FASTENER TYPE	MAX. C-C SPACING AT HEAD & SILL	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	3' THICK, 0.42 SPECIFIC GRAVITY	3/8" DIA. BOLT W/ NUT, MIN. A307 GRADE A	6"	3 THREADS BEYOND NUT	3"
		3/8" DIA. LAG SCREW, MIN. A307 GRADE A	6"	2 5/8"	3"
STEEL	16 GA, 45 KSI TENSILE STRENGTH, 33 KSI YIELD STRENGTH	3/8" DIA. BOLT W/ NUT, MIN. A307 GRADE A	6"	3 THREADS BEYOND NUT	3/4"
	12 GA, 45 KSI TENSILE STRENGTH, 33 KSI YIELD STRENGTH	5/16" DIA. SELF DRILLING SCREW, MIN. SAE GRADE 2*	6"	3 THREADS BEYOND SUB. THICKNESS	5/8"
ALUMINUM	0.125" THICK, 20 KSI TENSILE STRENGTH, 15 KSI YIELD STRENGTH	3/8" DIA. BOLT W/ NUT, MIN. A307 GRADE A	6"	3 THREADS BEYOND NUT	3/4"
		5/16" DIA. SELF DRILLING SCREW, MIN. SAE GRADE 2*	3"	3 THREADS BEYOND SUB. THICKNESS	5/8"
CONCRETE	UNCRACKED, 2220 PSI COMP. STRENGTH	1/4" DIA. ELCO AGGRE-GATOR, 300 SERIES SS*	3"	1 3/4"	4"
	UNCRACKED, 2500 PSI COMP. STRENGTH	1/4" DIA. BUILDEX TAPCON+, CARBON STEEL	6"	2 1/4"	4"
	CRACKED, 2500 PSI COMP. STRENGTH	3/8" DIA. BUILDEX TAPCON+, CARBON STEEL	6"	2 1/2"	4"
		3/8" DIA. POWERS POWER-STUD+ SD1, CARBON STEEL	6"	2 3/8"	4"
GROUT FILLED CMU	ASTM C-90 BLOCK, 1500 PSI GROUT COMP. STRENGTH	1/4" DIA. ELCO AGGRE-GATOR, 300 SERIES SS*	3"	2"	4"
		3/8" DIA. POWERS POWER-STUD+ SD1, CARBON STEEL	6"	2 3/8"	4"

NOTES:
* COUNTER SUNK PHILLIPS FLAT HEAD ANCHORS MAY BE USED.
** ONLY AS REQ'D FOR ANCHORAGE, DESIGN OF SUBSTRATE IS NOT BY RUSKIN (N.I.C.). ACTUAL SUBSTRATE DEPTH SHALL BE PER PROJECT DRAWINGS.

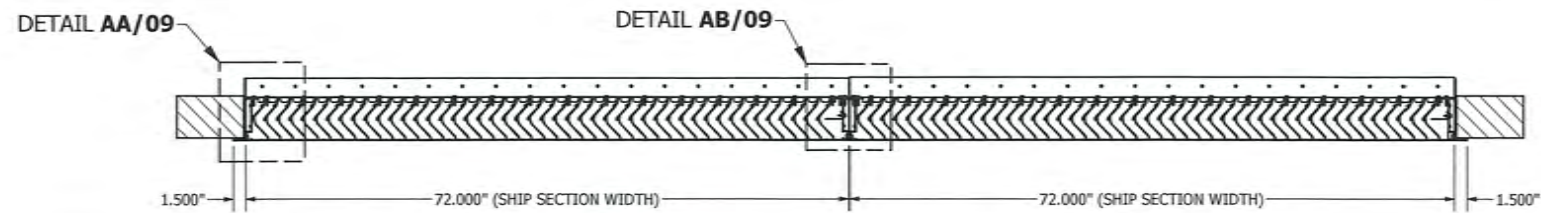


JEFFREY SMITH, P.E.
NO. 91182

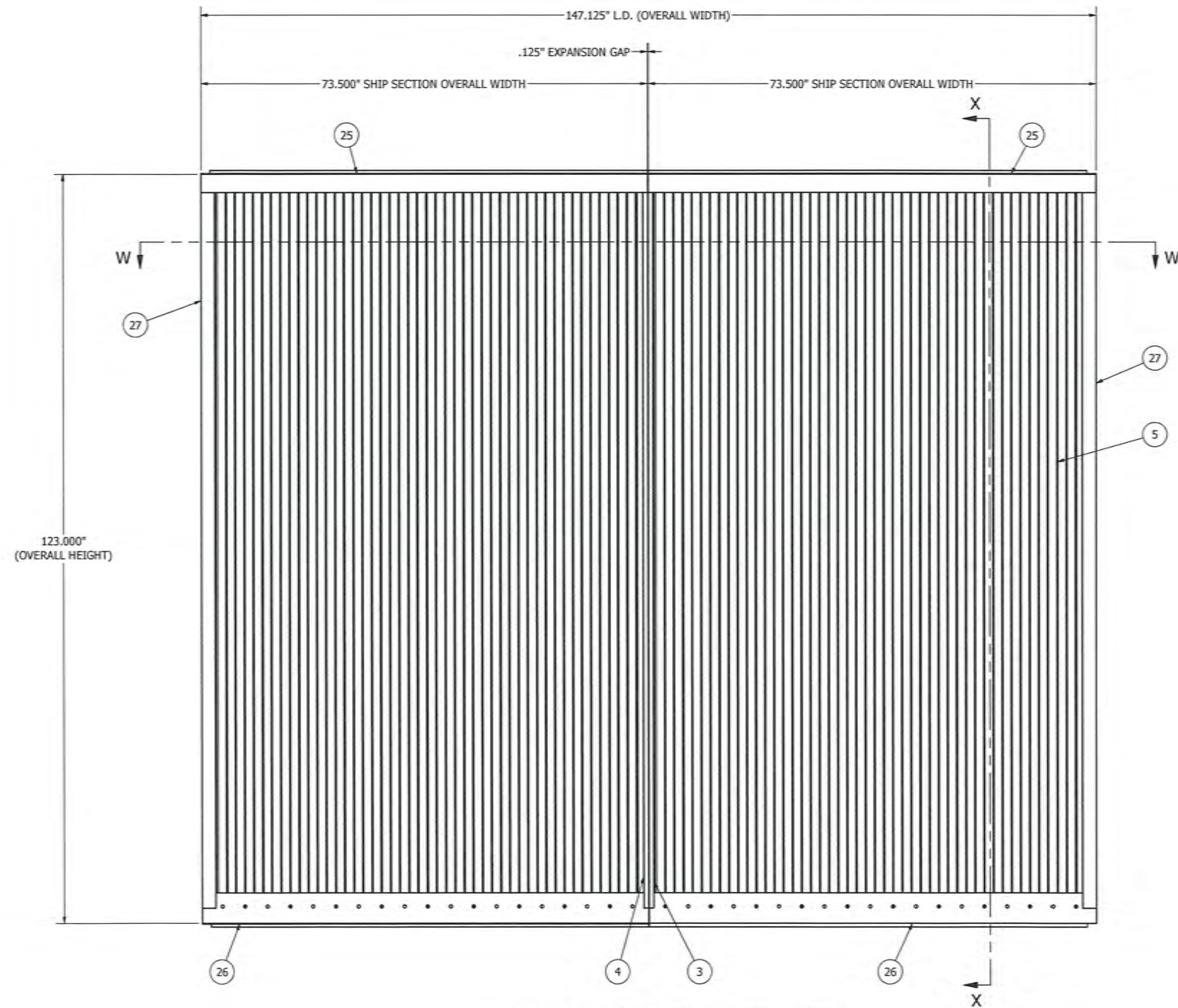
PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 21-1021.03
Approval Date 12/30/2021
By *[Signature]*
Miami-Dade Product Control

Tolerances
Unless Stated Otherwise
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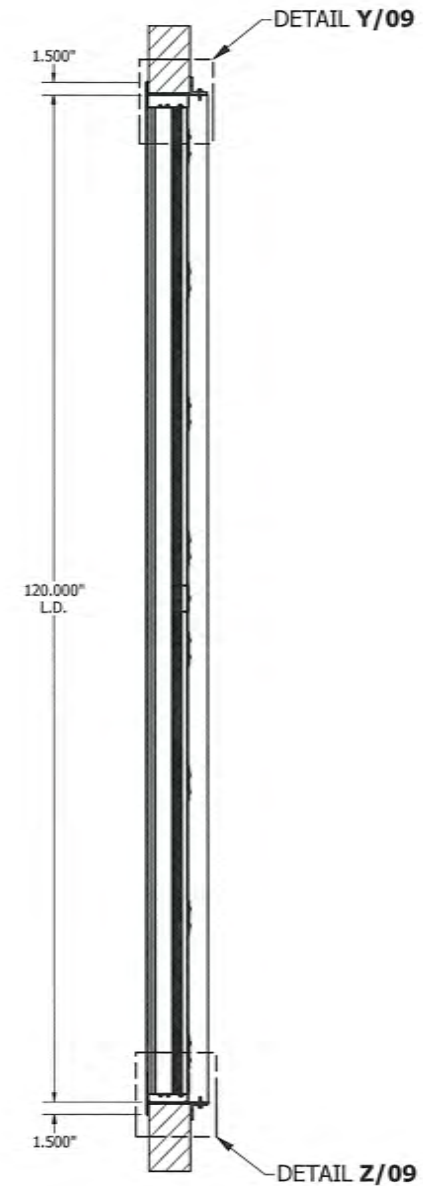
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AUTHOR	E-R	4/2/2021				
CHECKED	NS	4/26/2021				
APPROVED	VMA	5/10/2021				
APPROVED	JDS	5/21/2021				
MATERIAL EXTRUDED ALUMINUM		TITLE TABLE 2 FASTENER TABLE				
SIZE	D	DWG NO	60-022588-000			
SCALE	NONE	INVENTOR	SHEET 7 OF 11			
REV	A					



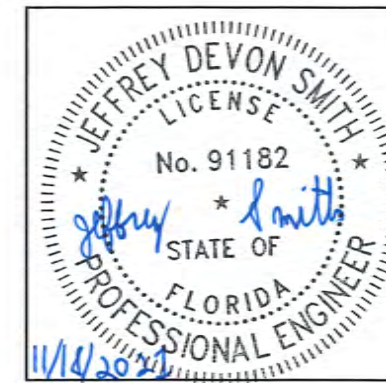
SECTION W-W



MULTI-SECTION - FLANGE FRAME LOUVER
SUBSTRATE & INSTALL PARTS NOT SHOWN FOR CLARITY



SECTION X-X



JEFFREY SMITH, P.E.
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NOA-No. 21-1021.03

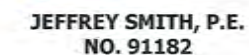
Approval Date 12/30/2021

By *[Signature]*
Miami-Dade Product Control

Tolerances
Unless Stated Otherwise
Use W10-007

REV	DESCRIPTION	BY	CHK	APVD	EON	DATE
AUTHOR	E-R	4/2/2021				
CHECKED	NS	4/26/2021				
APPROVED	VMA	5/10/2021				
APPROVED	JDS	5/21/2021				
MATERIAL	EXTRUDED ALUMINUM					
SIZE	D					
SCALE	NONE					
EON	7123					

RUSKIN	3900 Doctor Greaves Rd, Grandview, MO 64030
AUTHORITY IN AIR CONTROL	PROPRIETARY AND CONFIDENTIAL
PRODUCT	EMES62SMDE / WIND-DRIVEN RAIN RESISTANT LOUVER
TITLE	UNIVERSAL SLEEVE ASSEMBLY
DWG NO	60-022588-00D
REV	A
INVENTOR	SHEET 8 OF 11

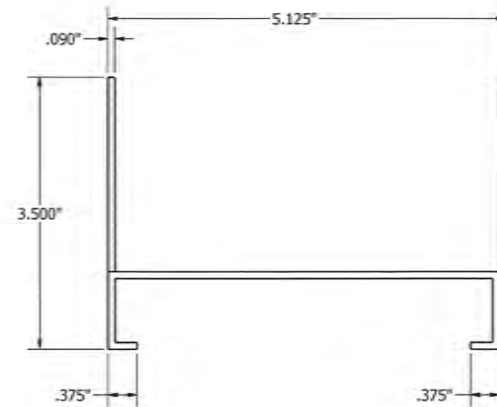


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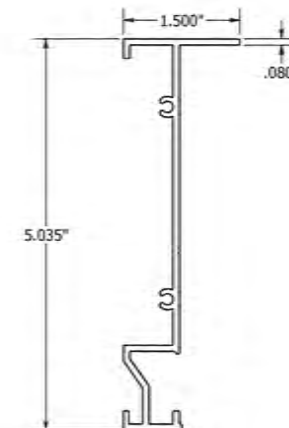
REV	DESCRIPTION		BY	CHK	APVD	ECN	DATE
AUTHOR	E-R	4/2/2021	 RUSKIN AUTHORITY IN AIR CONTROL		3900 Court Greaves Rd Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL		
CHECKED	NS	4/26/2021					
APPROVED	VMA	5/10/2021					
APPROVED	JDS	5/21/2021					
MATERIAL	EM5625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER						
EXTRUDED ALUMINUM		TITLE UNIVERSAL SLEEVE INSTALLATION DETAILS					
		SIZE D	DWG NO		60-022588-00D		
		SCALE	NONE				
ECN	7123			INVENTOR		SHEET 9 of 11	



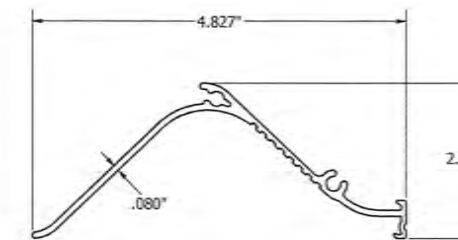
HEAD FRAME ITEM #1



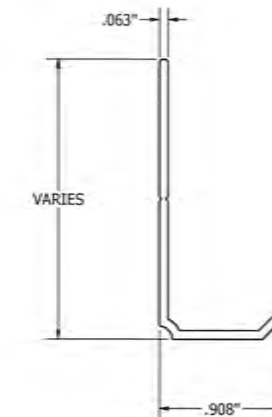
SILL FRAME ITEM #2



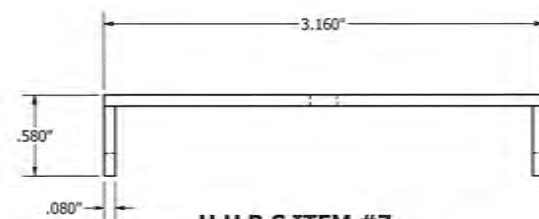
JAMB FRAME ITEM #3/#4



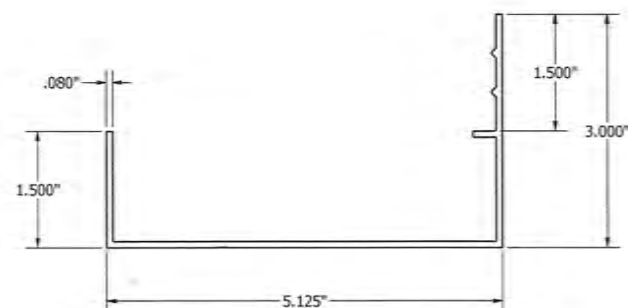
BLADE ITEM #5



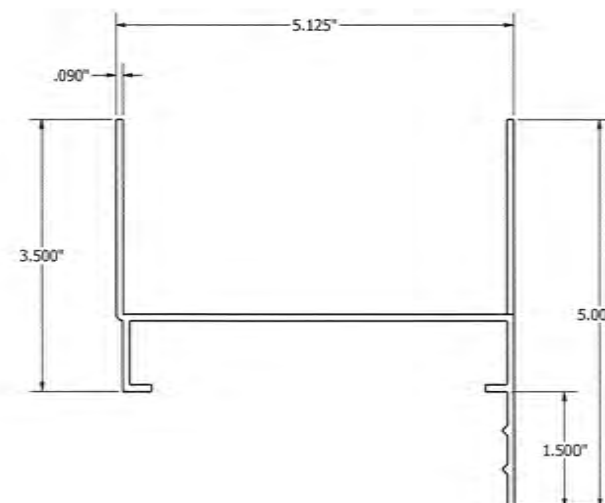
WATERSTOP ITEM #6



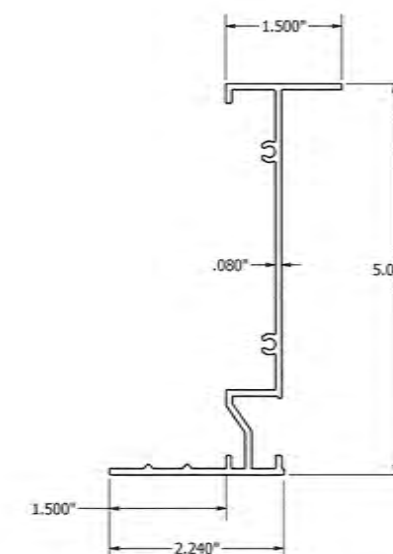
H.H.B.S ITEM #7



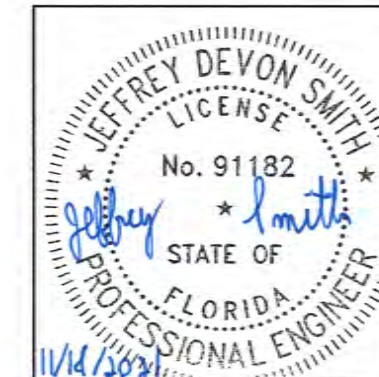
HEAD FRAME W/ INTEGRAL FLANGE ITEM #25



SILL FRAME W/ INTEGRAL FLANGE ITEM #26



JAMB FRAME W/ INTEGRAL FLANGE #27



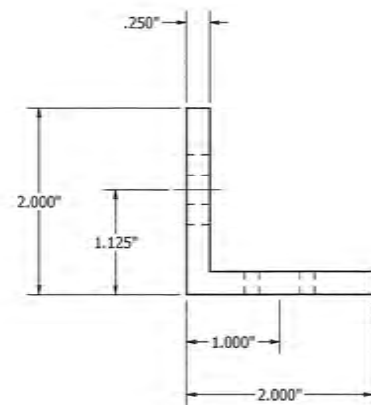
**JEFFREY SMITH, P.E.
NO. 91182**

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 21-1021.03
Approval Date 12/30/2021
By *R. P. Smith*
Miami-Dade Product Control

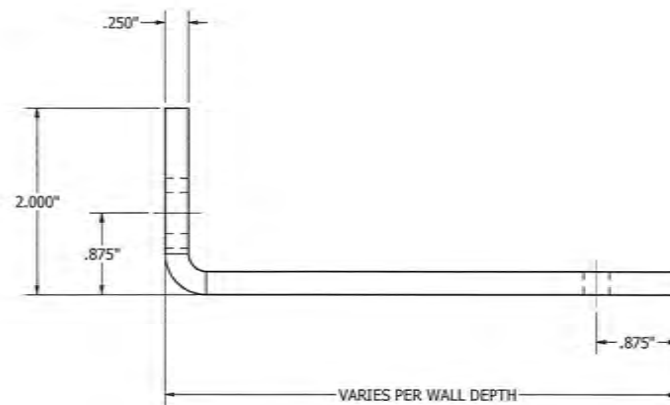
Tolerances
Unless Stated Otherwise
Use WJO-007

REV	DESCRIPTION	BY	CHK	APVD	EON	DATE
AUTHOR	E-R	4/2/2021				
CHECKED	NS	4/26/2021				
APPROVED	VMA	5/10/2021				
APPROVED	JDS	5/21/2021				
MATERIAL	EXTRUDED ALUMINUM					
PRODUCT	EMES625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER					
TITLE	LOUVER ASSEMBLY PART PROFILES					
SIZE	D					
DWG NO	60-022588-000					
REV	A					
EON	7123					
SCALE	NONE					
INVENTOR						
SHEET	10					
OF	11					

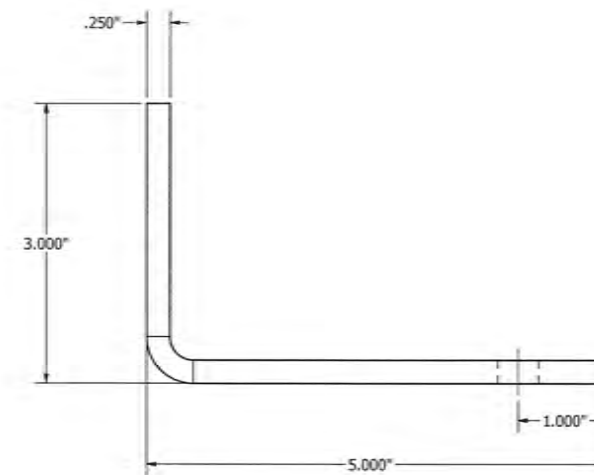
RUSKIN
AUTHORITY IN AIR CONTROL
3900 Doctor Graves Rd,
Grandview, MO 64030
PROPRIETARY AND
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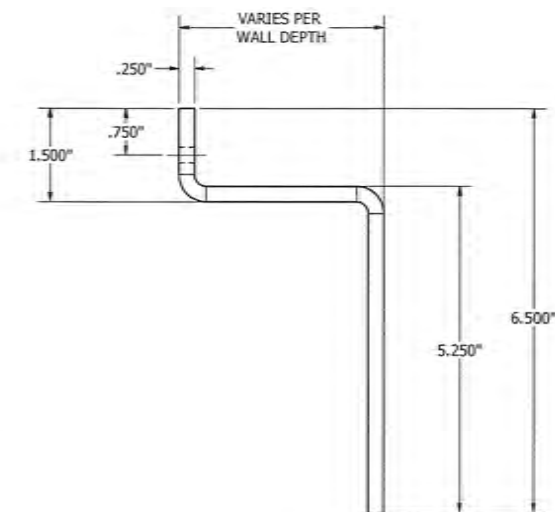
INSTALL ANGLE ITEM #15



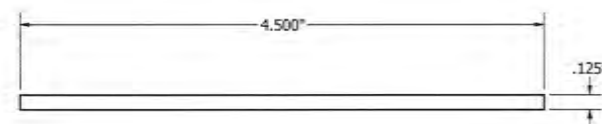
CONTINUOUS RETAINING ANGLE ITEM #16



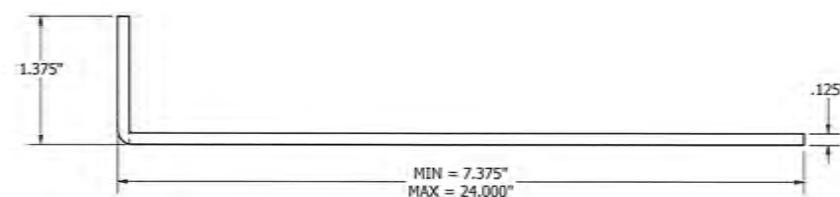
ALTERNATE CONT. RETAINING ANGLE ITEM #17



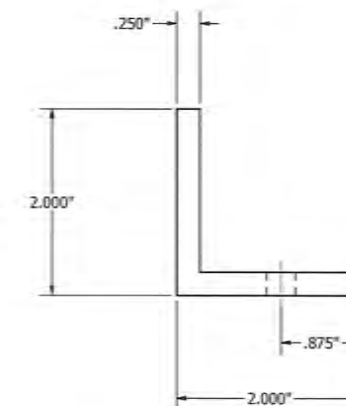
CONTINUOUS RETAINING ZEE ITEM #18



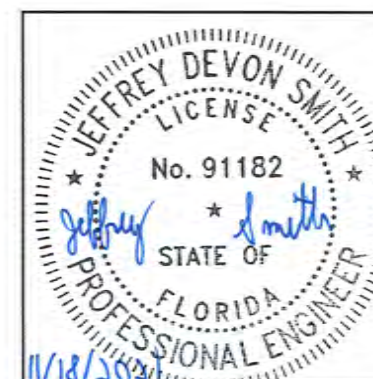
CONTINUOUS STIFFENER PLATE ITEM #19



UNIVERSAL SLEEVE ITEM #22



INSTALL ANGLE ITEM #28



JEFFREY SMITH, P.E.
NO. 91182

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NOA-No. 21-1021.03

Approval Date 12/30/2021

By *[Signature]*
Miami-Dade Product Control

REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
AUTHOR	E-R	4/2/2021				
CHECKED	NS	4/26/2021				
APPROVED	VMA	5/10/2021				
APPROVED	JDS	5/21/2021				
MATERIAL	EXTRUDED ALUMINUM					
DESCRIPTION	RUSKIN 3900 Doctor Greaves Rd, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL AUTHORITY IN AIR CONTROL PRODUCT EMES62SMDE / WIND-DRIVEN RAIN RESISTANT LOUVER TITLE INSTALLATION PART PROFILES SIZE D DWG NO 60-022588-00D REV A ECN 7123 SCALE NONE INVENTOR SHEET 11 OF 11					

Tolerances
Unless Stated Otherwise
Use W10-007