



**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**

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

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

NOTICE OF ACCEPTANCE (NOA)

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 B dated 02/15/2023, prepared by 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 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 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 **revises NOA # 23-0328.06** 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 **Sifang Zhao, P.E.**



S. Zhao
02/15/2024

**NOA No. 23-1116.15
Expiration Date: December 30, 2026
Approval Date: February 15, 2024
Page 1**

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 B dated 02/15/2023, prepared by Ruskin Company, signed and sealed by Jeffrey D. Smith, P.E. **“Submitted under NOA # 23-0328.06**

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.
“Submitted under NOA # 21-1021.03
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.
“Submitted under NOA # 21-1021.03
3. Test report on High Velocity Wind Driven Rain Resistance per AMCA 550-15 of an 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.
“Submitted under NOA # 21-1021.03

C. CALCULATIONS

1. Louver Wind Load Review, prepared by Ruskin Company, dated 08/05/2021, signed and sealed by Jeffrey D. Smith, P.E. **“Submitted under NOA # 21-1021.03”**
2. EME5625MDE Louver Wind Load Review, prepared by Ruskin Company, dated 02/17/2023, signed and sealed by Jeffrey D. Smith, P.E.
“Submitted under NOA # 23-0328.06”

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-1116.15
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F. STATEMENTS

1. Statement letter of code conformance to the 7th edition (2020) of the FBC and of no financial interest, issued by Ruskin Company, dated 11/18/2021, signed and sealed by Jeffrey D. Smith, P.E. ***“Submitted under NOA # 21-1021.03”***
2. 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 # 23-0328.06** for the 8th edition (2023) of the FBC update.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 23-1116.15
Expiration Date: December 30, 2026
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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"	EXTRUDED ALUMINUM	6063-T6
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	INSTALL ANGLE REV. DIR 2" X 2" X 1/4"	EXTRUDED ALUMINUM	6063-T6
21	SCR 12X1.0 HWH TEK	410 SS/ZC	-
22	SCR 10X1.0 HWH TEK	410 SS/ZC	-
23	SCR 1/4-20X1.5 HWH TEK	410 SS/ZC	-
24	FASTENERS (N.I.C.)	-	-

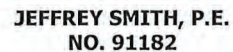
UNIVERSAL SLEEVE PARTS LIST			
ITEM	DESCRIPTION	MATERIAL	ALLOY
25	FRONT FLANGE UNIVERSAL SLEEVE	.125" THK FORMED ALUM	5005-H34
26	HEAD FRAME W/ INTEGRAL FLANGE	EXTRUDED ALUMINUM	6063-T6
27	SILL FRAME W/ INTEGRAL FLANGE	EXTRUDED ALUMINUM	6063-T6
28	JAMB FRAME W/ INTEGRAL FLANGE	EXTRUDED ALUMINUM	6063-T6
29	INSTALL ANGLE 2" x 2" x 1/4"	EXTRUDED ALUMINUM	6063-T6
30	SCR 1/4-14X1.0 HWH TEK ZC	410 SS/ZC	-

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

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 - FASTENER TABLE 1 AND TABLE 1A
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




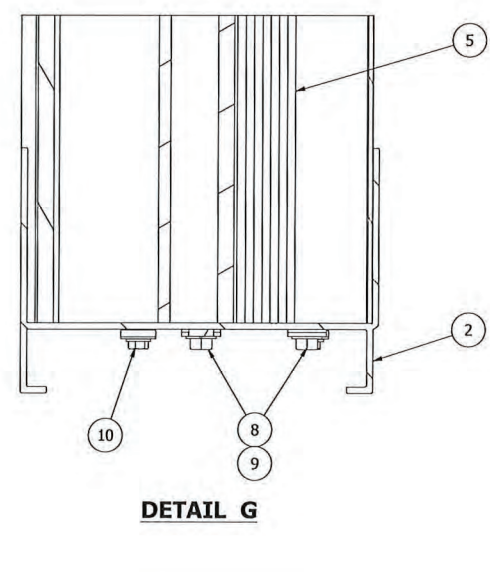
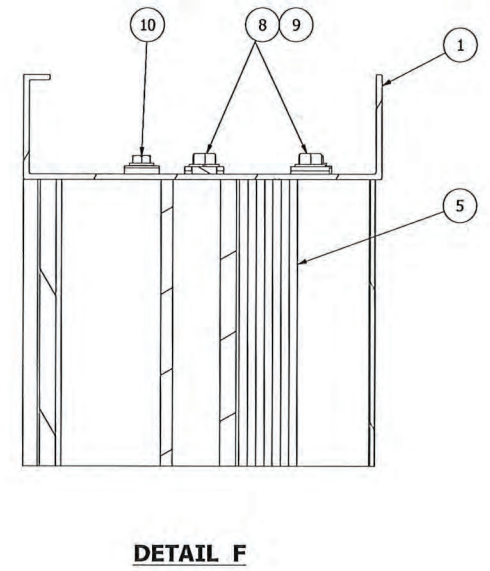
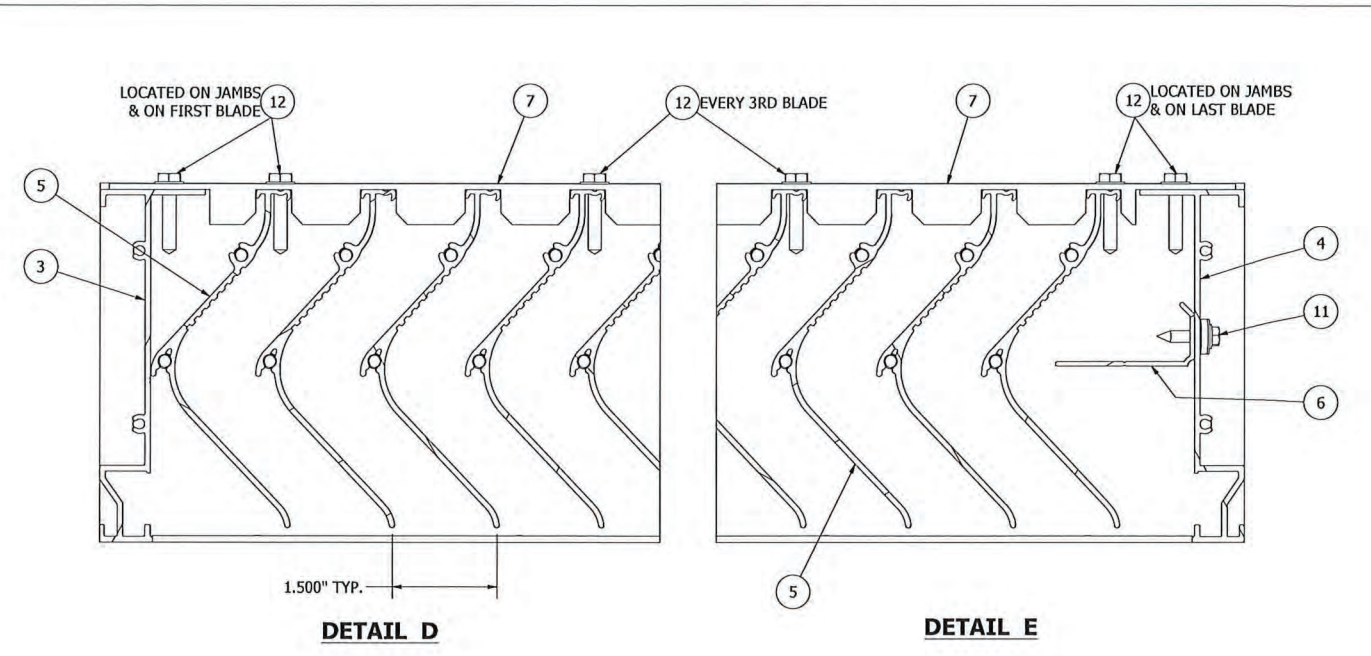
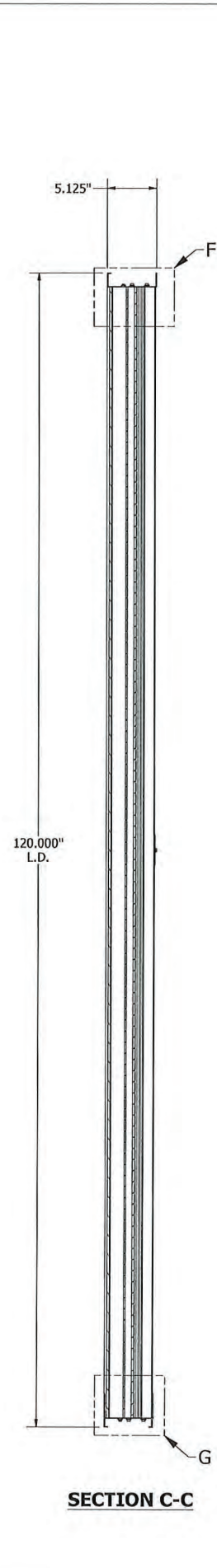
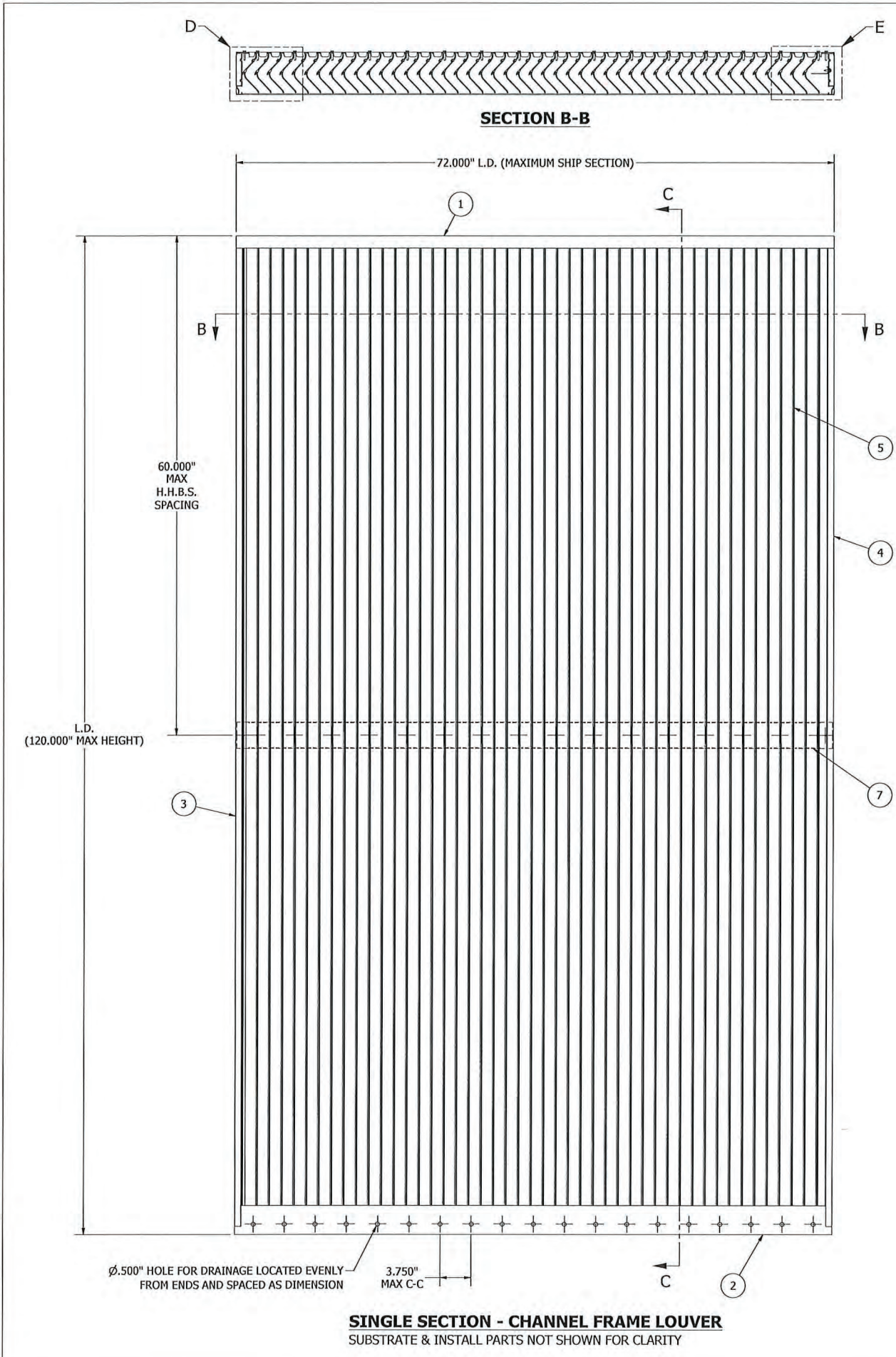
1. THE **EME5625MDE** HAS BEEN TESTED IN ACCORDANCE WITH FLORIDA BUILDING CODE TESTING PROTOCOLS **TAS-201, 202, & 203** FOR LARGE MISSILE IMPACT, UNIFORM PRESSURE, CYCLIC WIND PRESSURE; FOR **LEVEL E (ENHANCED PROTECTION)** MISSILE IMPACT **AMCA 540;** & **AMCA 550** FOR HIGH VELOCITY WIND DRIVEN RAIN.
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**.



By 
Miami-Dade Product Control

Tolerances
Unless Stated Otherwise
Use W1Q-007

B	IMPLEMENTATION OF COUNTERSUNK HOLES IN REV. ANGLE, CHANGES IN DEDUCT, UPDATED FASTENER TABLE AND INSTALLATION PARTS			RVT	JDS	JDS	-	02/15/20
A	MODEL NAME UPDATED FROM EME5625MD TO EME5625MDE			M-S	E-R	JDS		7/29/20
REV	DESCRIPTION			BY	CHK	APVD	ECN	DATE
AUTHOR	RVT	4/2/21		 RUSKIN AUTHORITY IN AIR CONTROL			3900 Doctor Greaves Rd Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL	
CHECKED	NS	4/26/21						
APPROVED	VMA	5/10/21						
APPROVED	JDS	5/21/21						
MATERIAL EXTRUDED ALUMINUM				PRODUCT	EME5625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER			
				TITLE	STANDARD LOUVER SPECIFICATIONS			
				SIZE	D		DWG NO	60-022588-00D
				SCALE	NONE		INVENTOR	SHEET 1 OF 11
ECN								



JEFFREY DEVON SMITH

LICENSE

No. 91182

STATE OF

FLORIDA

PROFESSIONAL ENGINEER

2/17/2023

PRODUCT REVISED
as complying with the Florida Building Code

NOA-No. 23-1116.15

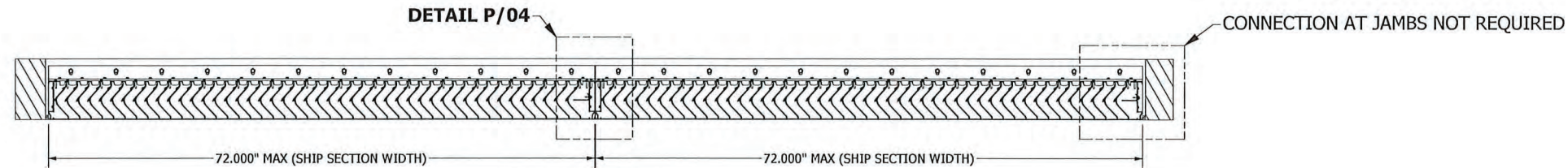
Expiration Date 12/30/2026

By *[Signature]*
Miami-Dade Product Control

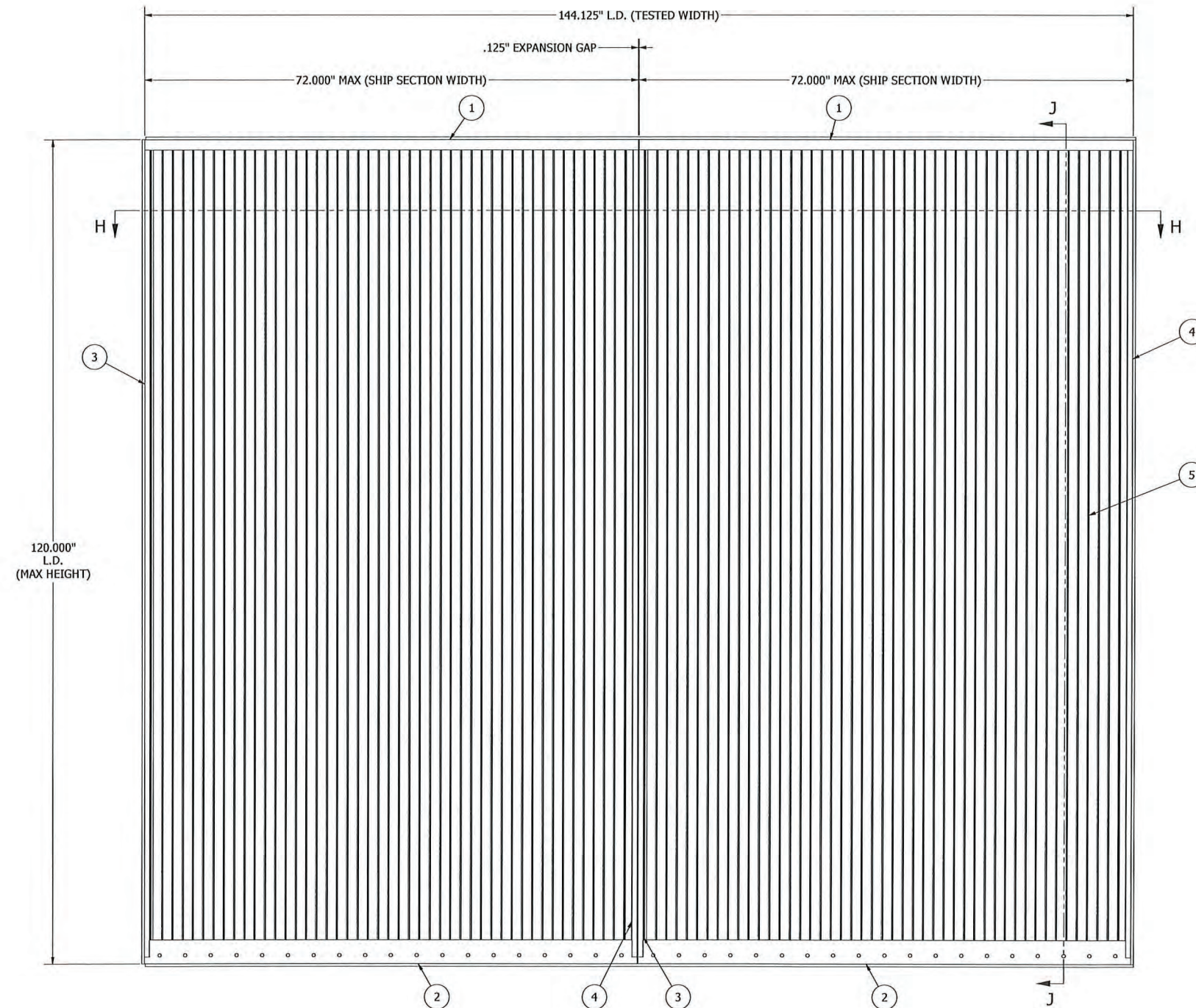
JEFFREY SMITH, P.E.
NO. 91182

B	IMPLEMENTATION OF COUNTERSUNK HOLES IN REV. ANGLE, CHANGES IN DEDUCT, UPDATED FASTENER TABLE AND INSTALLATION PARTS				RVT	JDS	JDS	-	02/15/23
A	MODEL NAME UPDATED FROM EME5625MD TO EME5625MDE				M-S	E-R	JDS		7/29/2021
REV	DESCRIPTION				BY	CHK	APVD	ECN	DATE
AUTHOR	RVT	4/2/21	 3900 Doctor Greaves Rd, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL			PRODUCT EME5625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER			
CHECKED	NS	4/26/21							
APPROVED	VMA	5/10/21							
APPROVED	JDS	5/21/21							
MATERIAL EXTRUDED ALUMINUM			TITLE SINGLE SECTION (CF) ASSEMBLY & DETAILS						
SIZE D			DWG NO			60-022588-00D			REV B
ECN			SCALE NONE			INVENTOR		SHEET 2 of 11	

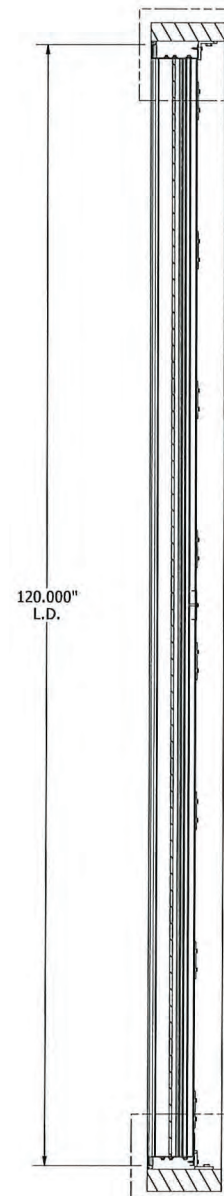
Tolerances
Unless Stated Otherwise
Use WIG-007



SECTION H-H



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



SECTION J-J

DETAIL K/04 (STANDARD ANGLE INSTALLATION)
DETAILS R/06 & T/06 (ALTERNATE INSTALLATION)
DETAIL M/04 (REVERSE ANGLE INSTALLTION)

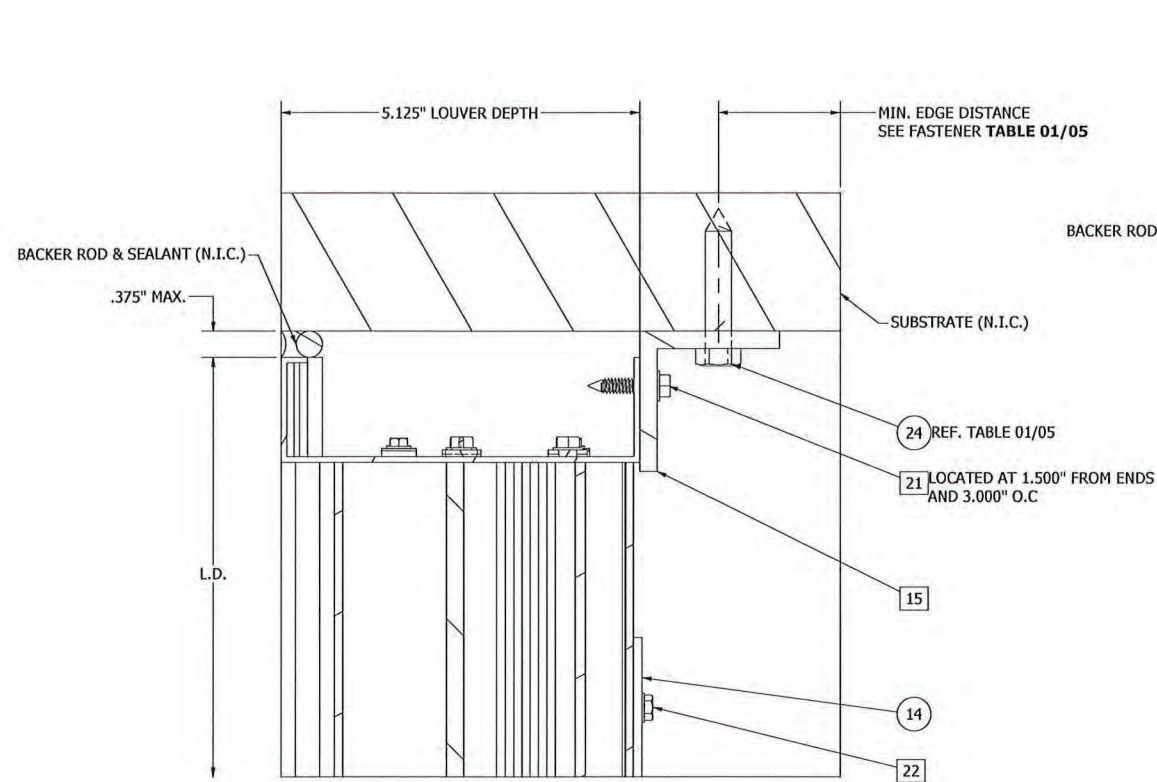
DETAILS L/04 (STANDARD ANGLE INSTALLATION)
DETAILS S/06 & V/06 (ALTERNATE INSTALLATION)
DETAIL N/04 (REVERSE ANGLE INSTALLTION)

Tolerances
Unless Stated Otherwise
Use WIG-007

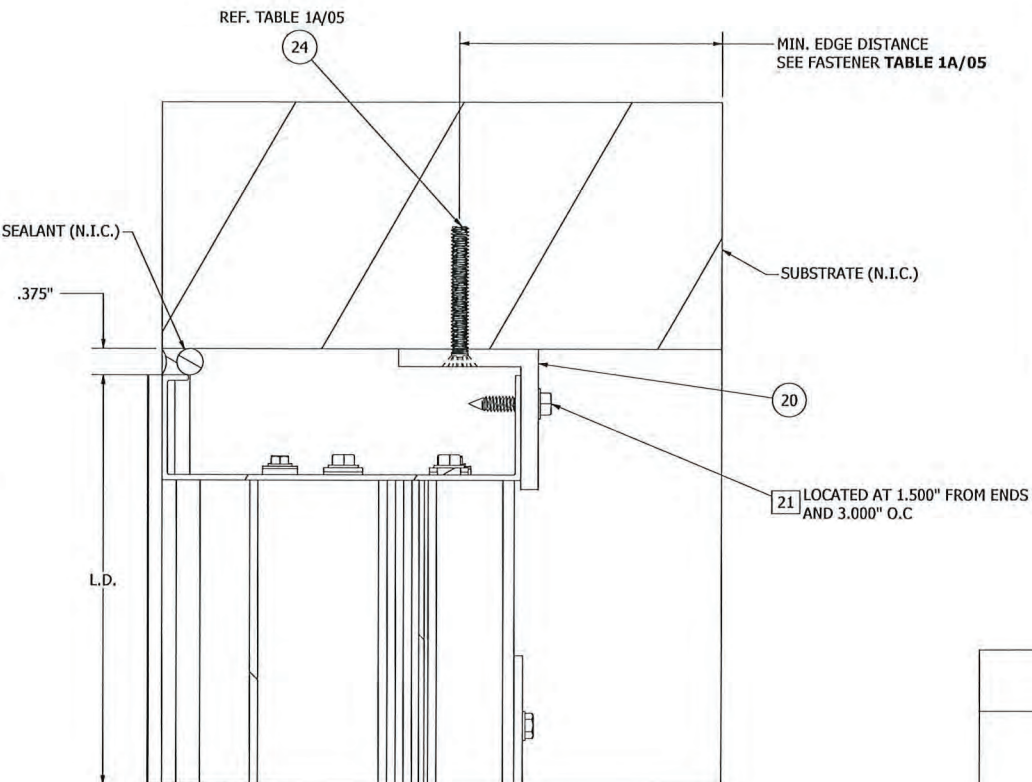
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1116.15
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Miami-Dade Product Control

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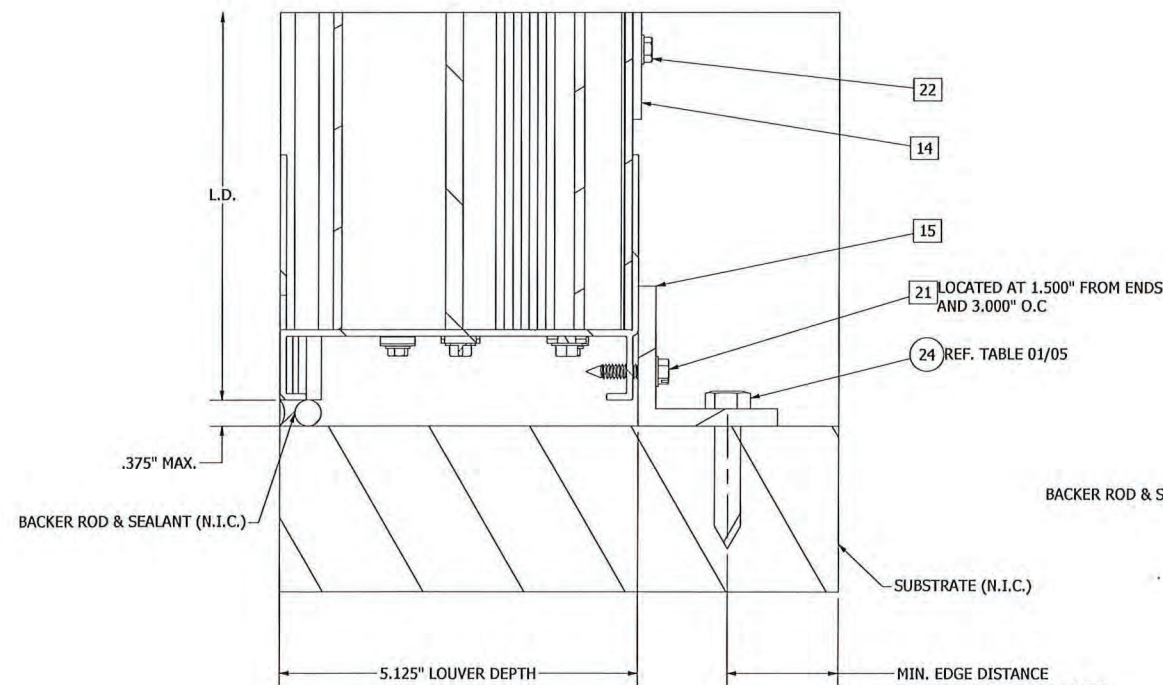
B	IMPLEMENTATION OF COUNTERSUNK HOLES IN REV. ANGLE, CHANGES IN DEDUCT, UPDATED FASTENER TABLE AND INSTALLATION PARTS				RVT	JDS	JDS	-	02/15/23
	MODEL NAME UPDATED FROM EME5625MD TO EME5625MDE				M-S	E-R	JDS		7/29/2021
A	REV DESCRIPTION				BY	CHK	APVD	ECN	DATE
	AUTHOR	RVT	4/2/21	RUSKIN AUTHORITY IN AIR CONTROL 3900 Doctor Greaves Rd, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL					
	CHECKED	NS	4/26/21						
	APPROVED	VMA	5/10/21						
	APPROVED	JDS	5/21/21						
MATERIAL EXTRUDED ALUMINUM				PRODUCT EME5625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER					
				TITLE MULTI-SECTION (CF) ASSEMBLY					
				SIZE D	DWG NO 60-022588-00D				REV B
				SCALE NONE	INVENTOR SHEET 3 OF 11				



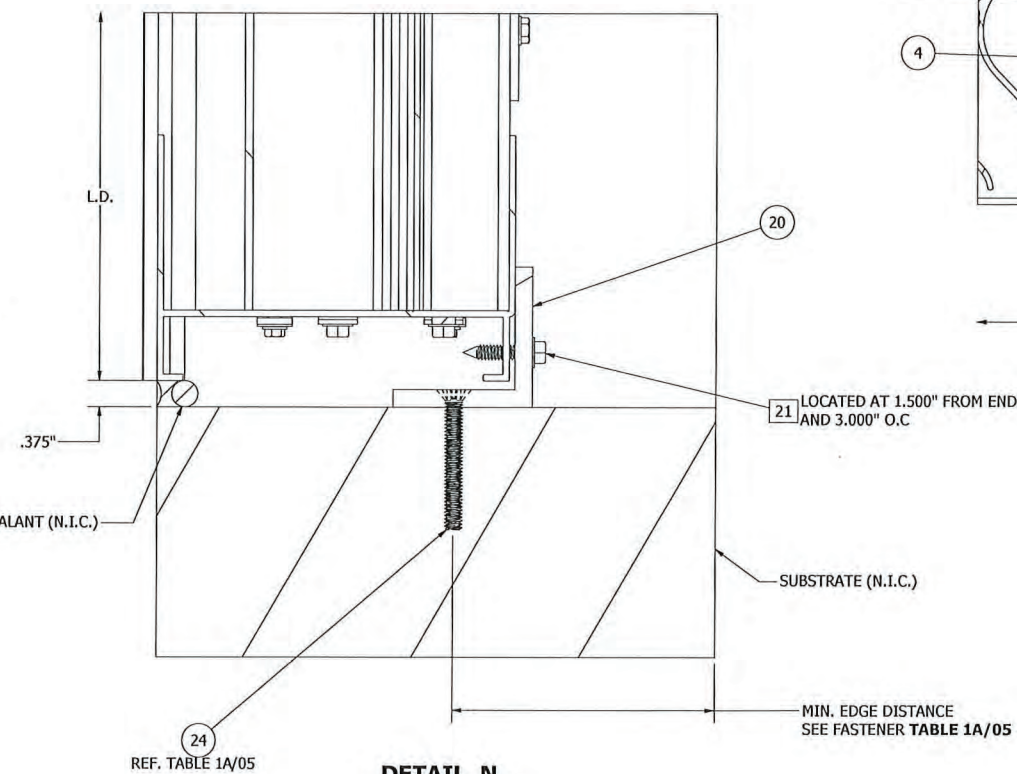
DETAIL K



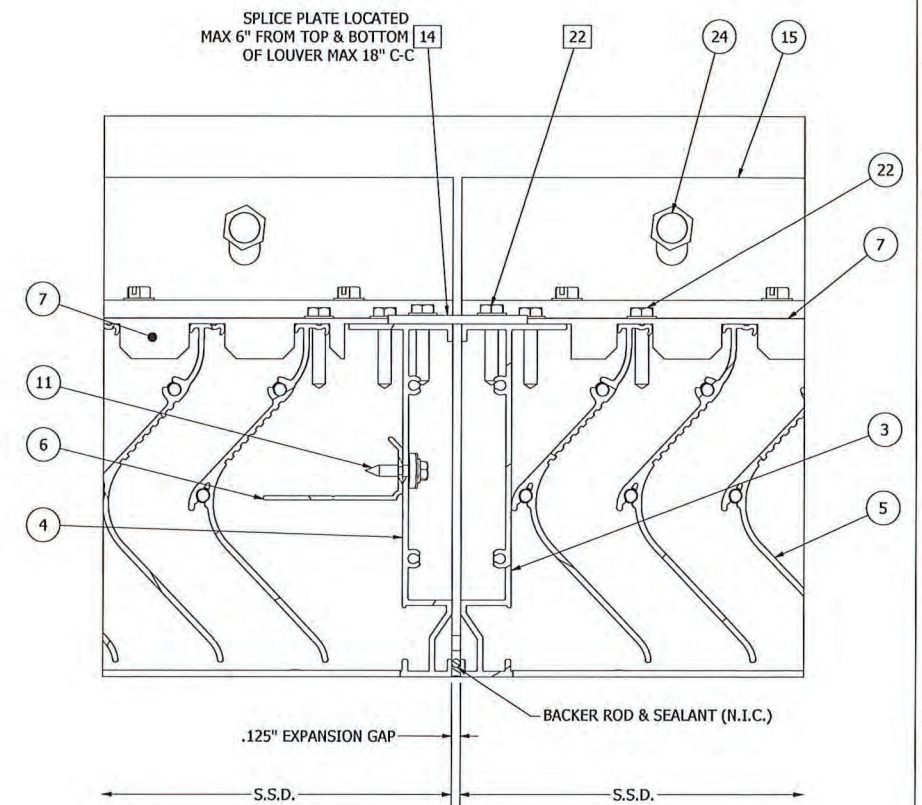
DETAIL M



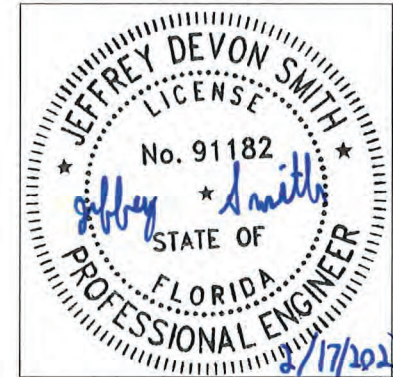
DETAIL L



DETAIL N



DETAIL P



JEFFREY SMITH, P.E.
NO. 91182

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Building Code
NOA-No. 23-1116.15

Expiration Date 12/30/2026

By *[Signature]*
Miami-Dade Product Control

Tolerances
Unless Stated Otherwise
Use WIC-007

B	IMPLEMENTATION OF COUNTERSUNK HOLES IN REV. ANGLE, CHANGES IN DUCT, UPDATED FASTENER TABLE AND INSTALLATION PARTS	RVT	JDS	JDS	-	02/15/23
A	MODEL NAME UPDATED FROM EMES625MD TO EMES625MDE	M-S	E-R	JDS		7/29/2021
REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
AUTHOR	RVT	4/2/21				
CHECKED	NS	4/26/21				
APPROVED	VMA	5/10/21				
APPROVED	JDS	5/21/21				
MATERIAL	EXTRUDED ALUMINUM					
ECN						
RUSKIN AUTHORITY IN AIR CONTROL 3900 Doctor Greaves Rd, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL						
PRODUCT: EMES625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER TITLE: STANDARD INSTALLATION DETAILS SIZE: D DWG NO: 60-022588-00D SCALE: NONE INVENTOR: JDS SHEET 4 OF 11						

STANDARD ANGLE INSTALL					
TABLE 1 - EME5625MDE - STANDARD INSTALLATION WALL 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"		4"
GROUT FILLED CMU	ASTM C-90 BLOCK, 1500 PSI GROUT COMP. STRENGTH	1/4" DIA. ELCO AGGRE-GATOR, 300 SERIES SS	3"	2"	2"

JEFFREY DEVON SMITH

LICENSE

No. 91182

STATE OF

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PROFESSIONAL ENGINEER


8/17/2023

PRODUCT REVISED

as complying with the Florida Building Code

NOA-No. 23-1116.15

Expiration Date 12/30/2026

By 

Miami-Dade Product Control

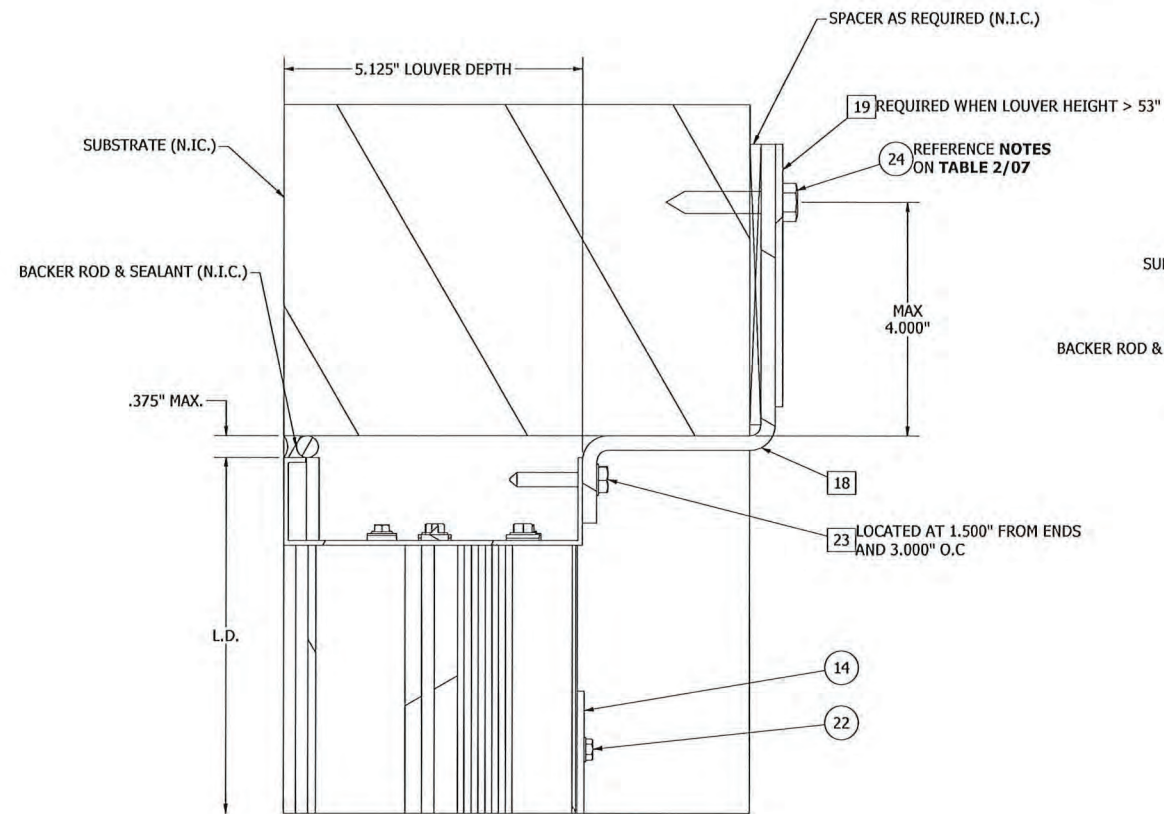
JEFFREY SMITH, P.E.
NO. 91182

REVERSE ANGLE INSTALL					
TABLE 1A - EME5625MDE - WALL 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, SPECIFIC GRAVITY = 0.42	1/4" DIA. LAG SCREW, MIN. A307 GRADE A	3"	2 5/8"	1 1/2"
STEEL	MIN. 10 GA 45 KSI TENSILE STRENGTH 33 KSI YIELD STRENGTH	1/4" DIA. SELF DRILLING SCREW, MIN. SAE GRADE 2	3"	3 THREADS BEYOND SUB. THICKNESS	1/2"
ALUMINUM	.188" THICK 20 KSI TENSILE STRENGTH, 15 KSI YIELD STRENGTH	1/4" DIA. SELF DRILLING SCREW, MIN. SAE GRADE 2	3"	3 THREADS BEYOND SUB. THICKNESS	1/2"
CONCRETE	UNCRACKED, 2220 PSI COMP. STRENGTH	1/4" DIA. ELCO AGGRE-GATOR, 300 SERIES SS	3"	1 3/4 "	1 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"

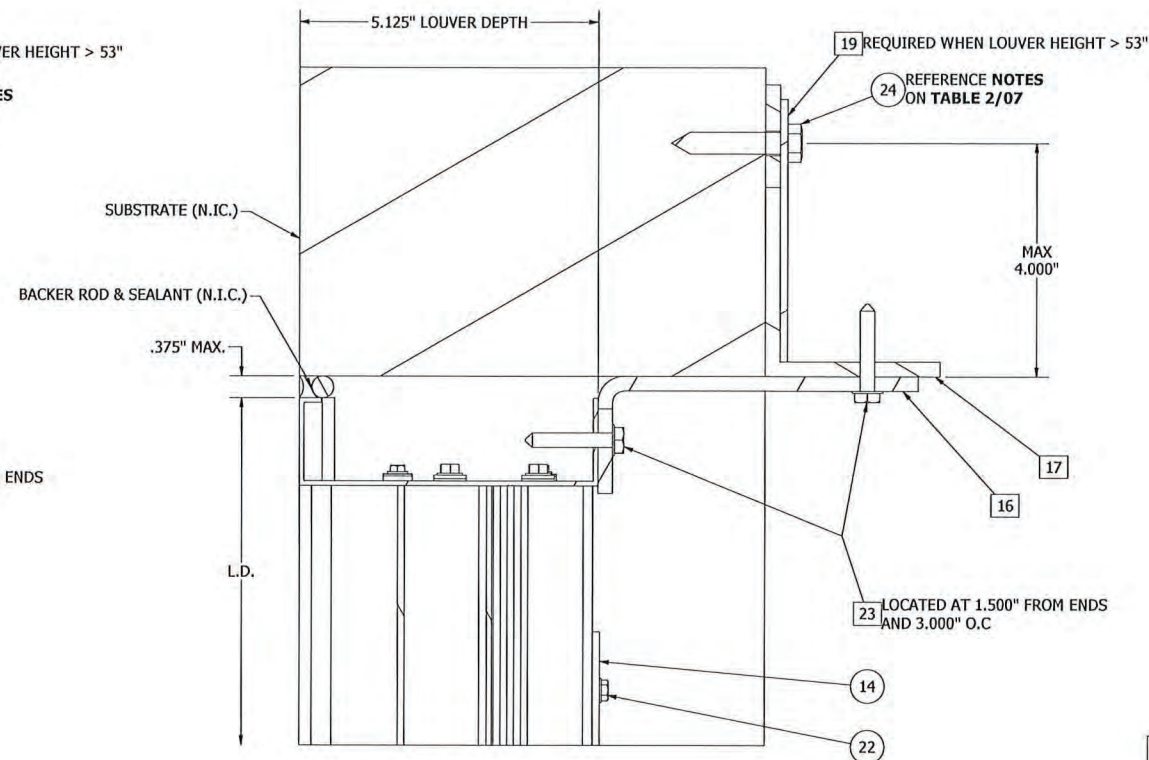
NOTE:
DESIGN OF SUBSTRATE IS NOT BY RUSKIN (N.I.C.). ACTUAL SUBSTRATE DEPTH SHALL BE PER PROJECT DRAWINGS.

B	IMPLEMENTATION OF COUNTERSUNK HOLES IN REV. ANGLE, CHANGES IN DEDUCT, UPDATED FASTENER TABLE AND INSTALLATION PARTS		RVT	JDS	JDS	-	02/15/23
A	MODEL NAME UPDATED FROM EME5625MD TO EME5625MDE		M-S	E-R	JDS		7/29/2021
REV	DESCRIPTION		BY	CHK	APVD	ECN	DATE
AUTHOR	RVT	4/2/21	 3900 Doctor Greaves Rd, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL				
CHECKED	NS	4/26/21					
APPROVED	VMA	5/10/21					
APPROVED	JDS	5/21/21					
MATERIAL	EXTRUDED ALUMINUM		PRODUCT	EME5625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER			
			TITLE	FASTENER TABLE 1 AND TABLE 1A			
			SIZE D	DWG NO		60-022588-00D	
			SCALE	NONE		INVENTOR	SHEET 5 OF 11
					REV B		

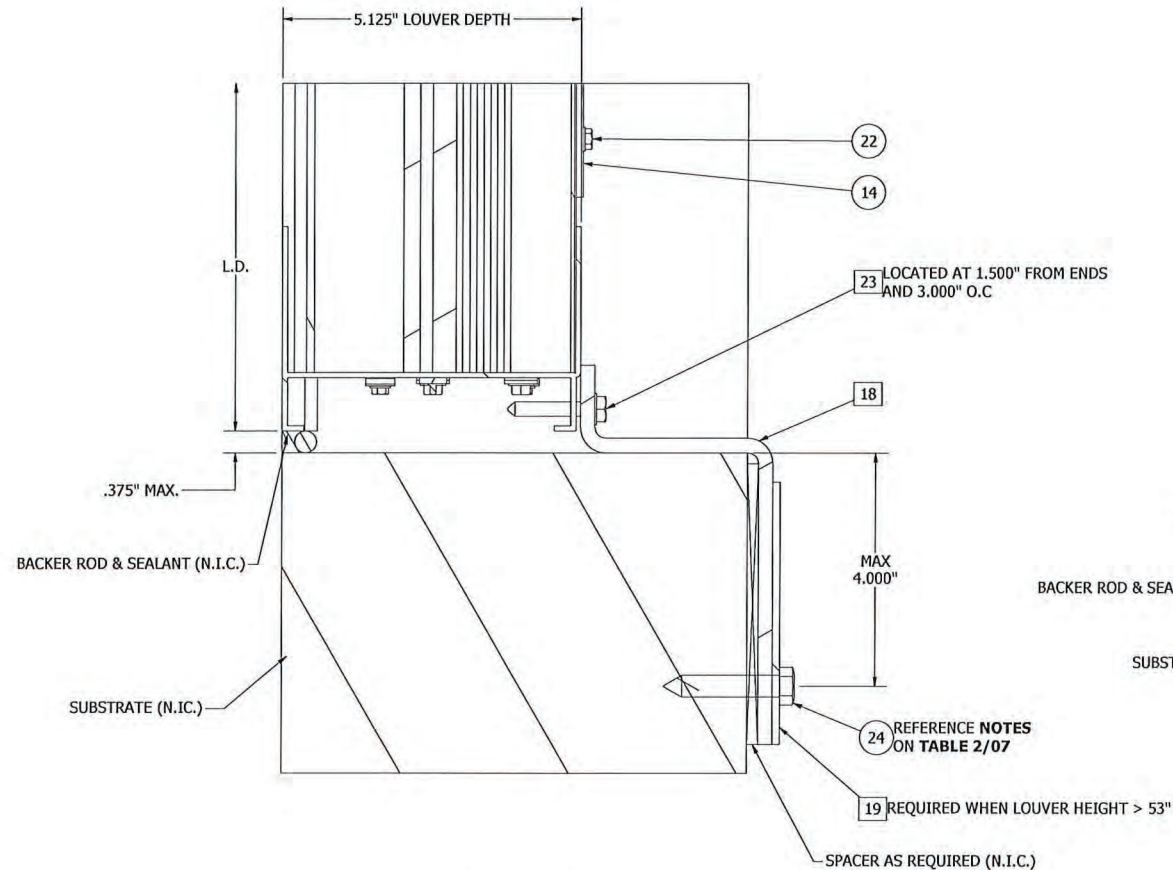
Tolerances
Unless Stated Otherwise
Use WIC-007



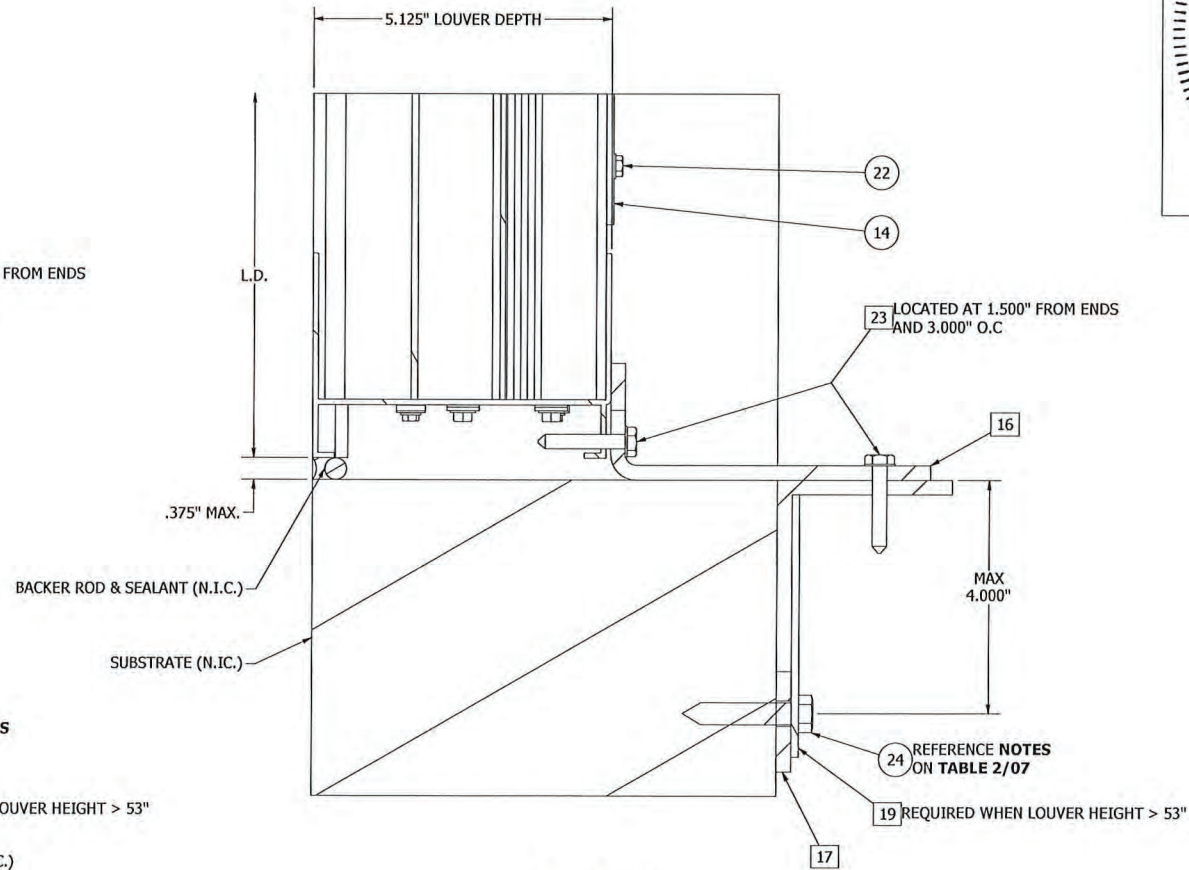
DETAIL R



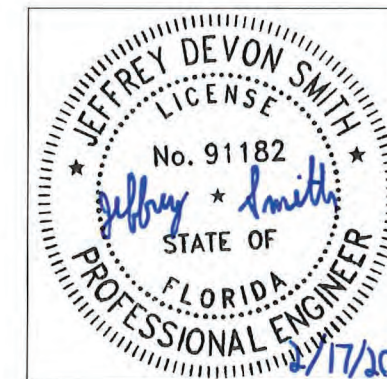
DETAIL T



DETAIL S



DETAIL V



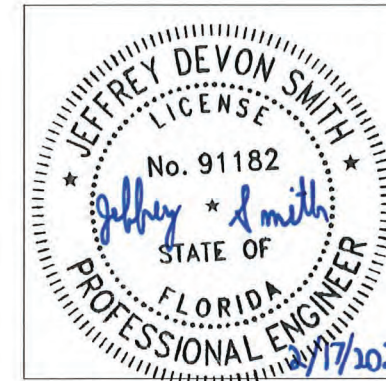
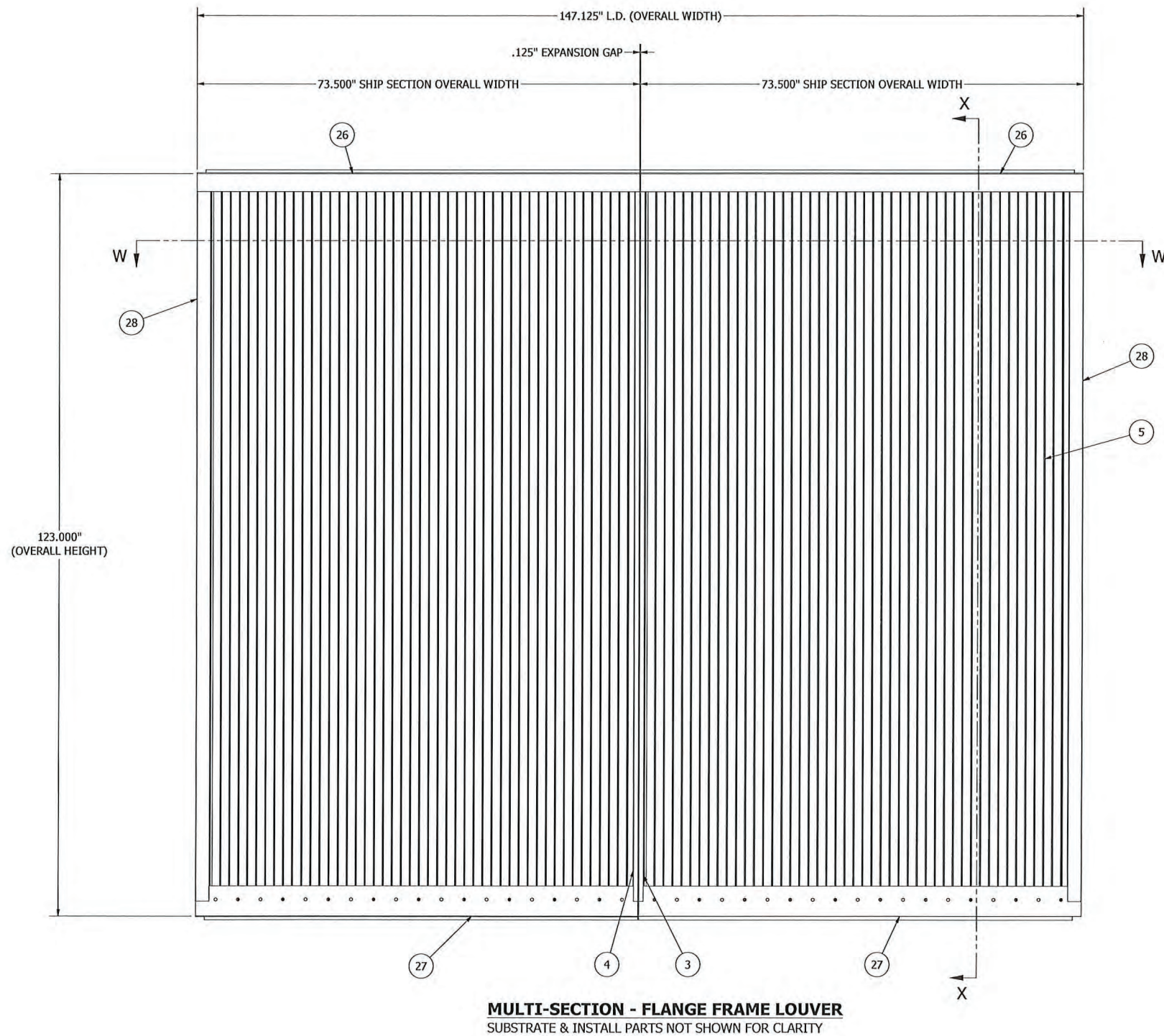
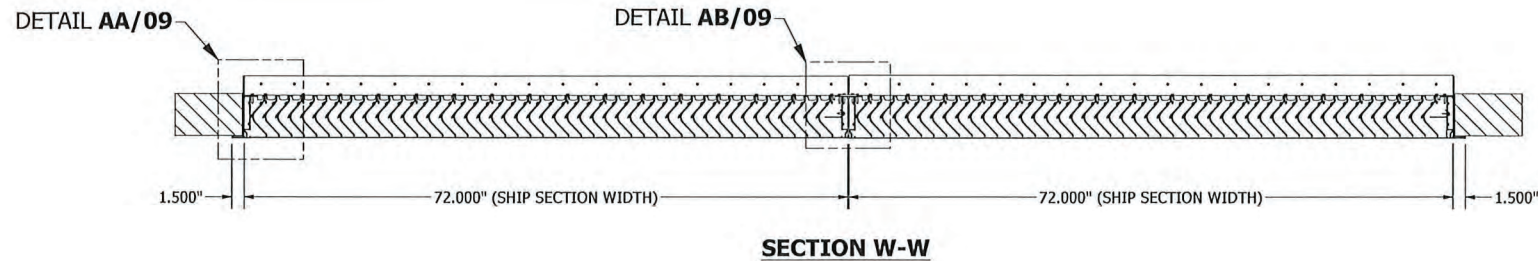
JEFFREY SMITH, P.E.
NO. 91182

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1116.15
Expiration Date 12/30/2026
By *[Signature]*
Miami-Dade Product Control

B	IMPLEMENTATION OF COUNTERSUNK HOLES IN REV. ANGLE, CHANGES IN DEDUCT, UPDATED FASTENER TABLE AND INSTALLATION PARTS	RVT	JDS	JDS	-	02/15/23
A	MODEL NAME UPDATED FROM EME5625MD TO EME5625MDE	M-S	E-R	JDS		7/29/2021
REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
AUTHOR	RVT	4/2/21				
CHECKED	NS	4/26/21				
APPROVED	VMA	5/10/21				
APPROVED	JDS	5/21/21				
MATERIAL	EXTRUDED ALUMINUM					
ECN						
		RUSKIN AUTHORITY IN AIR CONTROL 3900 Doctor Greaves Rd, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL				
		PRODUCT: EME5625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER TITLE: ALTERNATE INSTALLATION DETAILS SIZE: D DWG NO: 60-022588-00D SCALE: NONE INVENTOR: SHEET 6 OF 11				
		REV B				

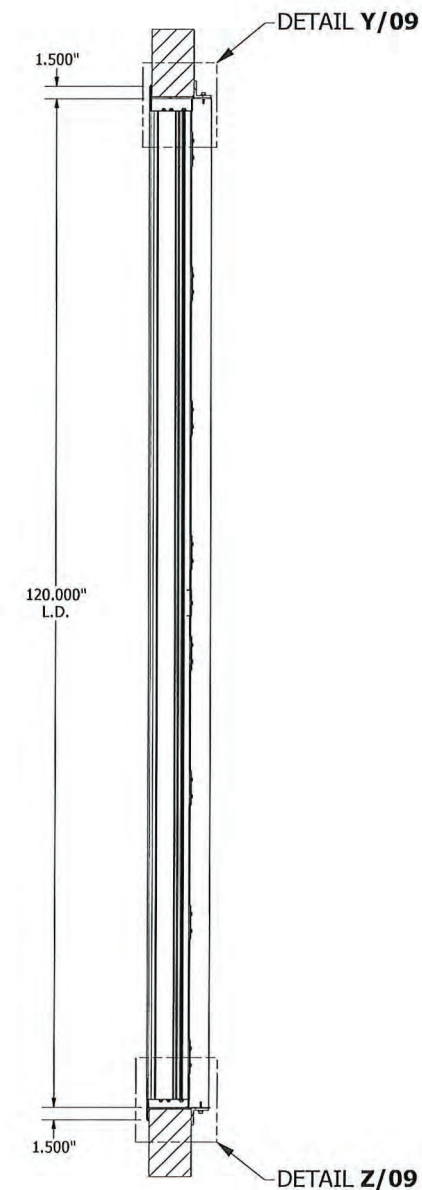
Tolerances
Unless Stated Otherwise
Use WIQ-007


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"	1 1/2"
	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"	2"
		3/8" DIA. POWERS POWER-STUD+ SD1, CARBON STEEL	6"	2 3/8"	4"



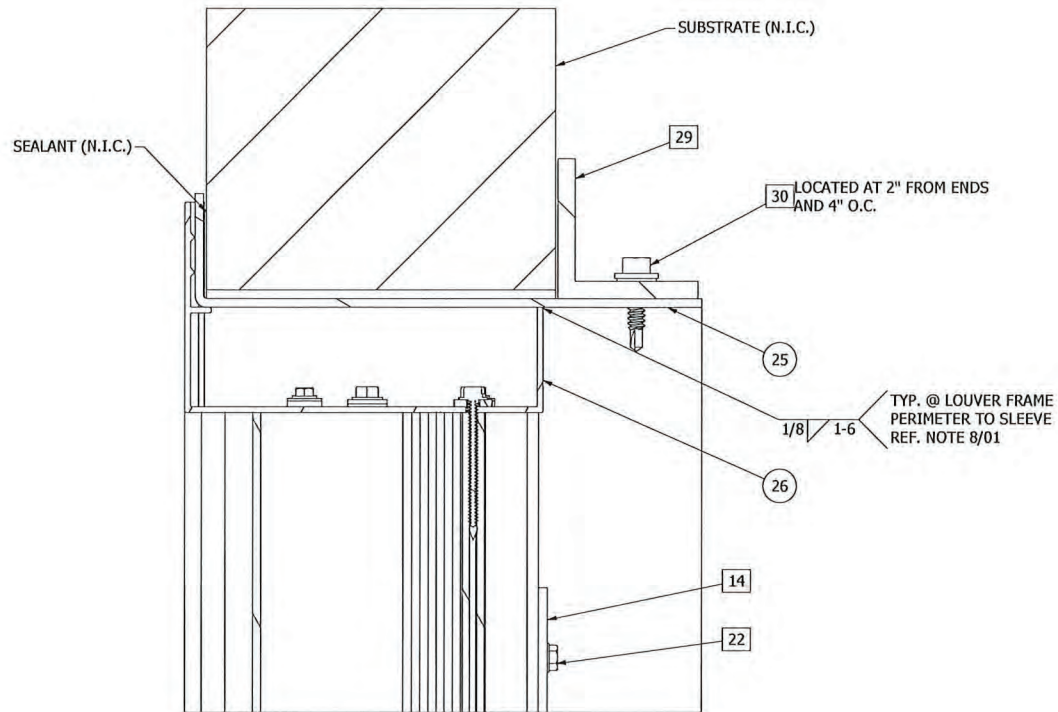
JEFFREY SMITH, P.E.
NO. 91182

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Miami-Dade Product Control

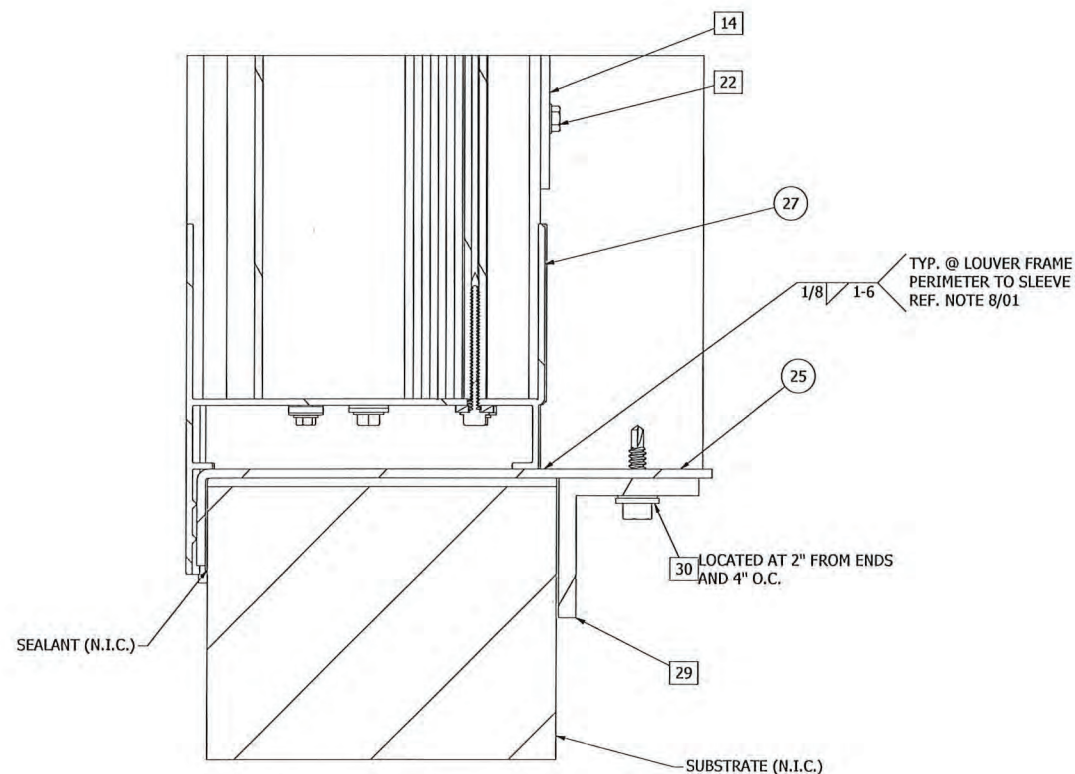


REV	B	IMPLEMENTATION OF COUNTERSUNK HOLES IN REV. ANGLE, CHANGES IN DEDUCT, UPDATED FASTENER TABLE AND INSTALLATION PARTS	RVT	JDS	JDS	-	02/15/23
REV	A	MODEL NAME UPDATED FROM EME5625MD TO EME5625MDE	M-S	E-R	JDS		7/29/2021
REV		DESCRIPTION	BY	CHK	APVD	ECN	DATE
AUTHOR	RVT	4/2/21	 3900 Doctor Greaves Rd, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL				
CHECKED	NS	4/26/21					
APPROVED	VMA	5/10/21					
APPROVED	JDS	5/21/21					
MATERIAL	EXTRUDED ALUMINUM		PRODUCT EME5625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER TITLE UNIVERSAL SLEEVE ASSEMBLY SIZE D SCALE NONE				
ECN			DWG NO 60-022588-00D		REV B	SHEET 8 OF 11	

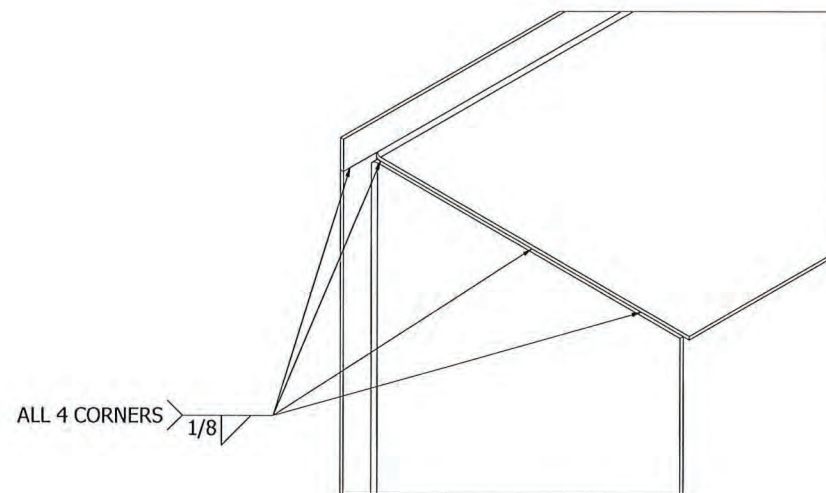
Tolerances
Unless Stated Otherwise
Use WIC-007



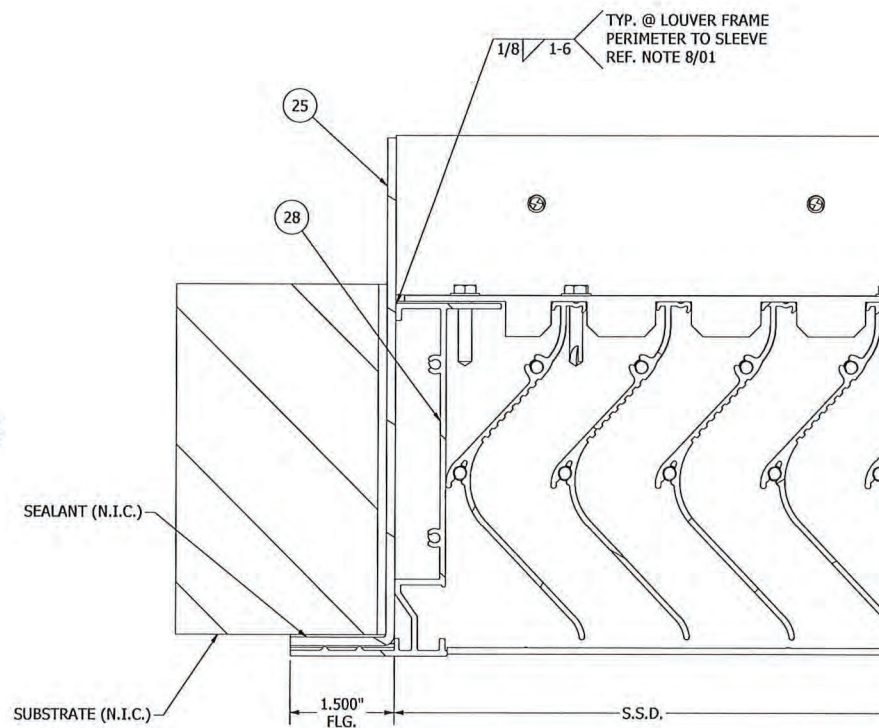
DETAIL Y



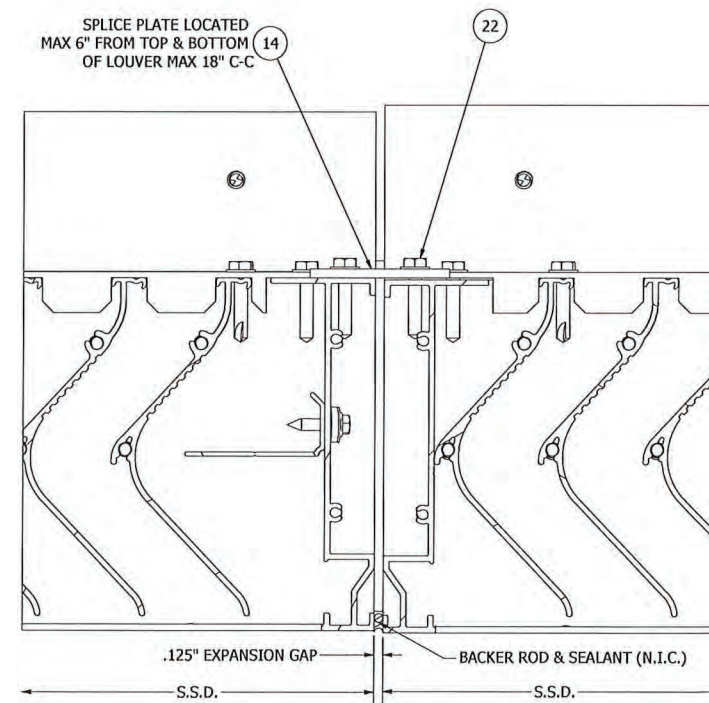
DETAIL Z



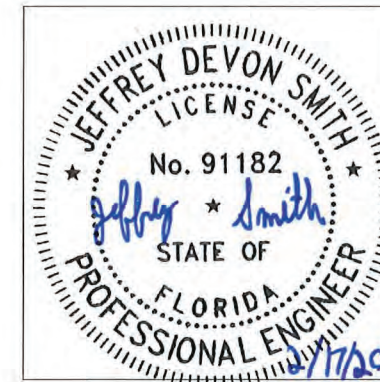
**UNIVERSAL SLEEVE
CORNER WELDS**



DETAIL AA



DETAIL AB

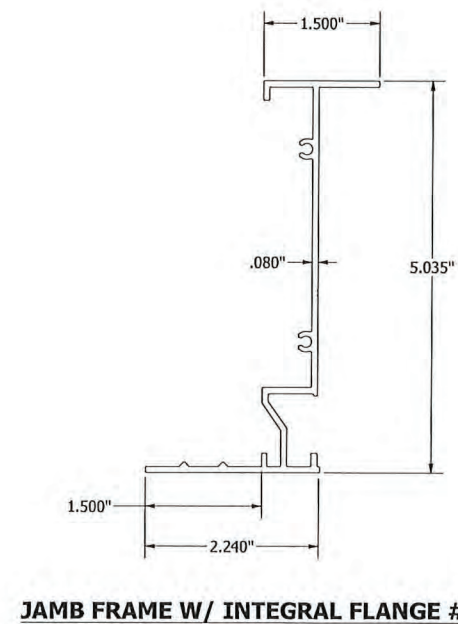
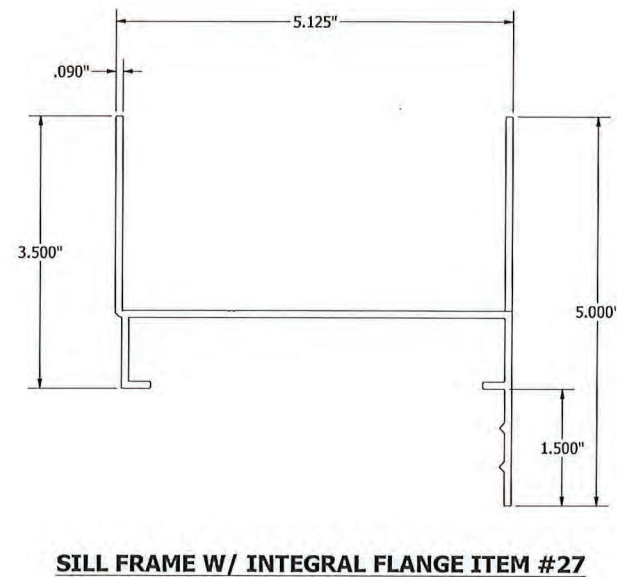
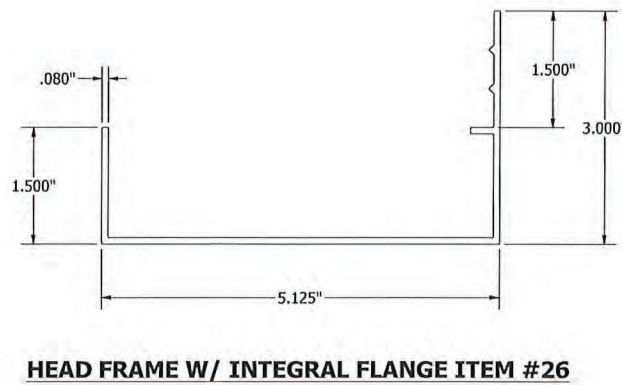
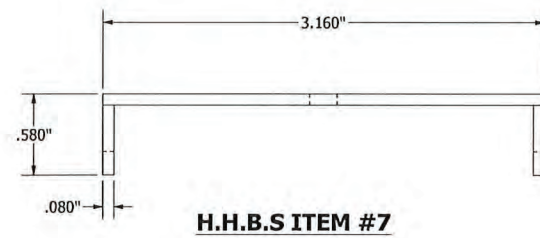
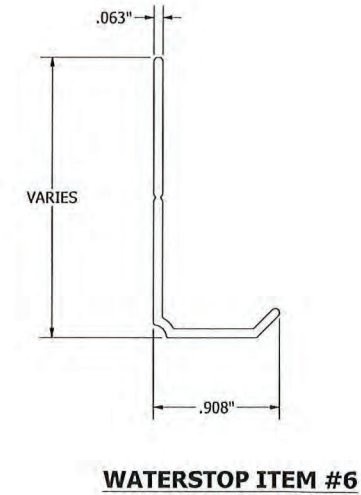
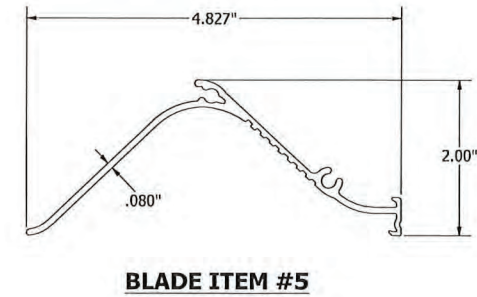
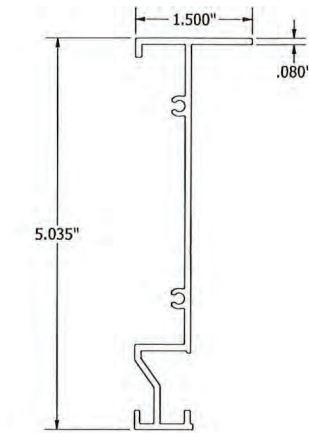
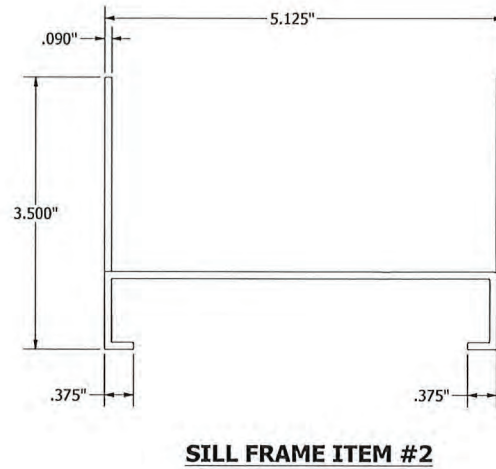
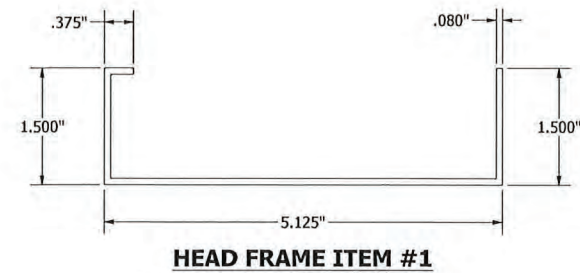


JEFFREY SMITH, P.E.
NO. 91182

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1116.15
Expiration Date 12/30/2026
By *[Signature]*
Miami-Dade Product Control

B	IMPLEMENTATION OF COUNTERSUNK HOLES IN REV. ANGLE, CHANGES IN DEDUCT, UPDATED FASTENER TABLE AND INSTALLATION PARTS					RVT	JDS	JDS	-	02/15/23
	MODEL NAME UPDATED FROM EME5625MD TO EME5625MDE					M-S	E-R	JDS		7/29/2021
REV	DESCRIPTION					BY	CHK	APVD	ECN	DATE
AUTHOR	RVT	4/2/21	 3900 Doctor Greaves Rd, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL							
CHECKED	NS	4/26/21								
APPROVED	VMA	5/10/21								
APPROVED	JDS	5/21/21								
MATERIAL		EXTRUDED ALUMINUM		PRODUCT		EME5625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER				
TITLE		UNIVERSAL SLEEVE INSTALLATION DETAILS		SIZE		DWG NO.		60-022588-00D		
SCALE		NONE		INVENTOR		SHEET 9 OF 11		REV B		

Tolerances
Unless Stated Otherwise
Use WIG-007



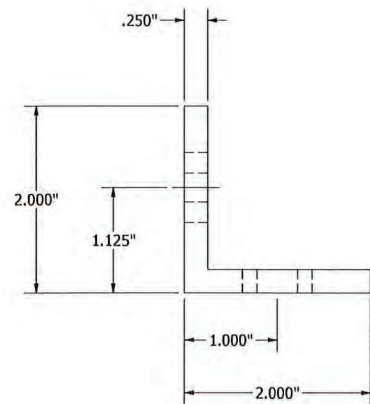
JEFFREY DEVON SMITH
LICENSE
No. 91182
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
2/17/2023

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-1116.15
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By *[Signature]*
Miami-Dade Product Control

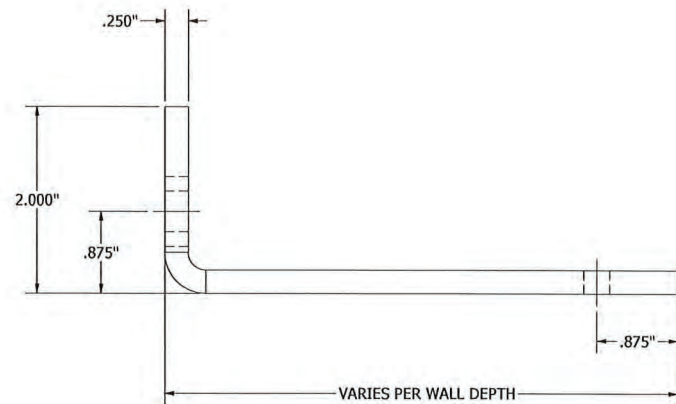
JEFFREY SMITH, P.E.
NO. 91182

B	IMPLEMENTATION OF COUNTERSUNK HOLES IN REV. ANGLE, CHANGES IN DEDUCT, UPDATED FASTENER TABLE AND INSTALLATION PARTS				RVT	JDS	JDS	-	02/15/23
A	MODEL NAME UPDATED FROM EME5625MD TO EME5625MDE				M-S	E-R	JDS		7/29/2021
REV	DESCRIPTION				BY	CHK	APVD	ECN	DATE
AUTHOR	RVT	4/2/21	 RUSKIN AUTHORITY IN AIR CONTROL		3900 Doctor Greaves Rd, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL				
CHECKED	NS	4/26/21							
APPROVED	VMA	5/10/21							
APPROVED	JDS	5/21/21							
MATERIAL	EXTRUDED ALUMINUM		PRODUCT	EME5625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER					
			TITLE	LOUVER ASSEMBLY PART PROFILES					
			SIZE D	DWG NO		60-022588-00D		REV B	
ECN			SCALE	NONE		INVENTOR		SHEET 10 OF 11	

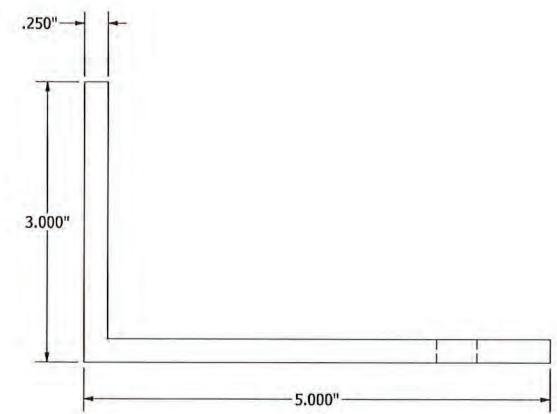
Tolerances
Unless Stated Otherwise
Use WIC-007



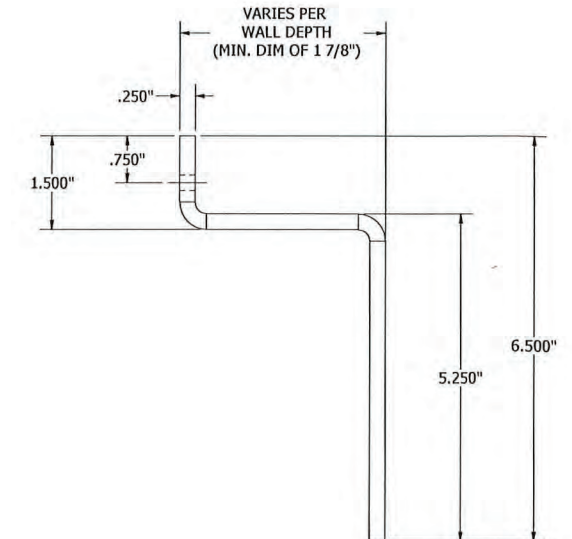
INSTALL ANGLE ITEM #15



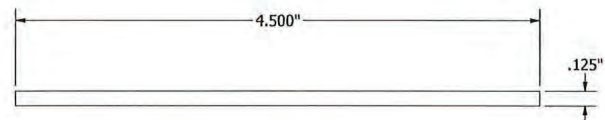
CONTINUOUS RETAINING ANGLE ITEM #16



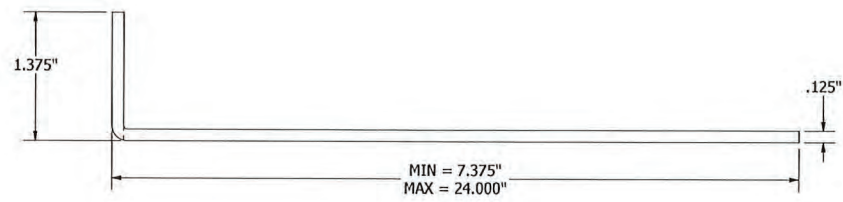
ALTERNATE CONT. RETAINING ANGLE ITEM #17



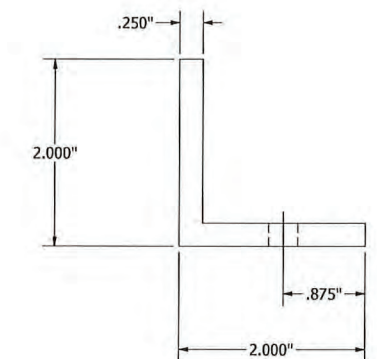
CONTINUOUS RETAINING ZEE ITEM #18



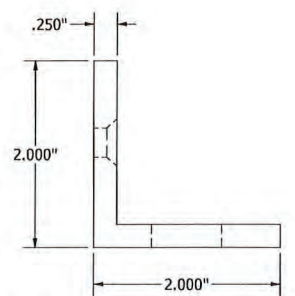
CONTINUOUS STIFFENER PLATE ITEM #19



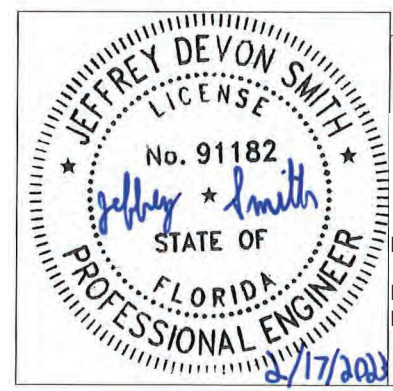
UNIVERSAL SLEEVE ITEM #25



INSTALL ANGLE ITEM #29



INSTALL ANGLE REV. DIR. ITEM #20



JEFFREY SMITH, P.E.
NO. 91182

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Miami-Dade Product Control

Tolerances
Unless Stated Otherwise
Use WIC-007

B	IMPLEMENTATION OF COUNTERSUNK HOLES IN REV. ANGLE, CHANGES IN DEDUCT, UPDATED FASTENER TABLE AND INSTALLATION PARTS		RVT	JDS	JDS	-	02/15/23
A	MODEL NAME UPDATED FROM EME5625MD TO EME5625MDE		M-S	E-R	JDS		7/29/2021
REV	DESCRIPTION		BY	CHK	APVD	ECN	DATE
AUTHOR	RVT	4/2/21	 3900 Doctor Greaves Rd, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL		PRODUCT: EME5625MDE / WIND-DRIVEN RAIN RESISTANT LOUVER		
CHECKED	NS	4/26/21					
APPROVED	VMA	5/10/21					
APPROVED	JDS	5/21/21					
MATERIAL	EXTRUDED ALUMINUM		TITLE: INSTALLATION PART PROFILES				
SIZE			DWG NO		60-022588-00D		
SCALE			NONE		INVENTOR		
ECN					SHEET 11 of 11		