



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](http://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 ELC6375DXD Aluminum Louver with Damper**

**APPROVAL DOCUMENT:** Drawing No. **60-022114-00B**, titled “ELC6375DXD - Combination Louver” sheets 1 through 16 of 16, dated 11/15/2008, with revision E dated 10/24/2018, prepared by Ruskin Company, signed and sealed by Jeffrey D. Smith, P.E. on 02/02/2024, 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, Chihuahua C. P., 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.

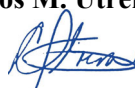
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**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 **renews and revises NOA # 20-0909.06** and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



  
 04/03/24

NOA-No. 23-1127.05  
 Expiration Date: February 11, 2025  
 Approval Date: April 11, 2024  
 Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S**

**A. DRAWINGS “Submitted under NOA # 15-0930.12”**

1. Drawing No. **60-022114**, titled “ELC6375DXD - Combination Louver”, sheets 1 through 9 of 9, dated 11/15/2008, with revision **C** dated 09/18/2015, prepared by Ruskin Company, signed and sealed by Chelsea GQ Welch, P.E.

**B. TESTS “Submitted under NOA # 12-0913.13”**

1. Test report on High Velocity Wind Driven Rain Resistance per AMCA 550 of a Model ELC6375DXD Extruded Combination Louver, prepared by PRI Construction Materials Technologies, LLC, Test Report No. **RCV-016-02-01**, dated 09/07/2012, signed and sealed by Duc T. Nguyen, P.E.

**“Submitted under NOA # 08-1211.05”**

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 Model ELC6375DXD Combination Louvers, prepared by National Certified Testing Laboratories, Test Report No. **210-3550-1**, dated 10/27/2008, signed and sealed by Gerard J. Ferrara, P.E.

**C. CALCULATIONS “Submitted under NOA # 15-0930.12”**

1. Wind load review prepared by Ruskin Company, dated 09/08/2015, signed and sealed by Chelsea GQ Welch, P.E.

**“Submitted under NOA # 14-0211.15”**

2. Wind load bending and anchoring calculations, dated 01/23/2014, prepared by Ruskin Company, signed and sealed by Edward P. Hutson, Jr., P.E.

**“Submitted under NOA # 08-1211.05”**

3. Wind load bending and anchoring calculations, dated 11/14/2008, pages 1 to 23 of 23, prepared by Ruskin Company, signed and sealed by Daniel J. Rau, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS “Submitted under NOA # 16-1110.05”**

1. Distributor agreement dated 09/22/2016.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA-No. 23-1127.05**  
**Expiration Date: February 11, 2025**  
**Approval Date: April 11, 2024**

**Ruskin Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS (Continued)**

*“Submitted under NOA # 15-0930.12”*

2. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC issued by Ruskin Company, dated 09/22/2015, signed and sealed by Chelsea GQ Welch, P.E.

*“Submitted under NOA # 14-0211.15”*

3. Statement letter of code conformance to 2010 FBC, issued by Ruskin Company, dated 01/23/2014, signed and sealed by Edward P. Hutson, Jr., P.E.
4. No financial interest letter issued by Ruskin Company, dated 01/23/2014, signed and sealed by Edward P. Hutson, Jr., P.E.

**2. EVIDENCE SUBMITTED UNDER NOA # 17-1214.17**

**A. DRAWINGS**

1. Drawing No. **60-022114-00B**, titled “ELC6375DXD - Combination Louver”, sheets 1 through 9 of 9, dated 11/15/2008, with revision **D** dated 10/24/2017, prepared by Ruskin Company, signed and sealed by Theodore Berman, P.E. of Ted Berman and Associates, LLC.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. Wind load review prepared by Ruskin Company, dated 10/13/2017, signed and sealed by Theodore Berman, 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 6<sup>th</sup> edition (2017) FBC, prepared by Ted Berman and Associates, LLC, dated 10/31/2017, signed and sealed by Theodore Berman, P.E.
2. Statement letter of no financial interest, prepared by Ted Berman and Associates, LLC, dated 10/31/2017, signed and sealed by Theodore Berman, P.E.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA-No. 23-1127.05**  
**Expiration Date: February 11, 2025**  
**Approval Date: April 11, 2024**

**Ruskin Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. EVIDENCE SUBMITTED UNDER NOA # 18-1106.03**

**A. DRAWINGS**

1. Drawing No. **60-022114-00B**, titled “ELC6375DXD - Combination Louver”, sheets 1 through 16 of 16, dated 11/15/2008, with revision **E** dated 10/24/2018, prepared by Ruskin Company, signed and sealed by Melissa M. Massar, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. Wind load review prepared by Ruskin Company, dated 10/29/2018, signed and sealed by Melissa M. Massar, 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 6<sup>th</sup> edition (2017) FBC, prepared by Ruskin Company, dated 10/29/2018, signed and sealed by Melissa M. Massar, P.E.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA-No. 23-1127.05**  
**Expiration Date: February 11, 2025**  
**Approval Date: April 11, 2024**

**Ruskin Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. EVIDENCE SUBMITTED UNDER NOA # 20-0909.06 AND NEW**

**A. DRAWINGS**

1. Drawing No. **60-022114-00B**, titled “ELC6375DXD - Combination Louver”, sheets 1 through 16 of 16, dated 11/15/2008, with revision E dated 10/24/2018, prepared by Ruskin Company, signed and sealed by Jeffrey D. Smith, P.E. on 02/02/2024.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance to the 8<sup>th</sup> edition (2023) of the FBC, issued by Ruskin Company, dated 11/21/2023, signed and sealed by Jeffrey D. Smith, P.E.
2. Testing quotation issued by Intertek, dated 02/09/2024, signed by Cassandra Matthews.

*“Submitted under NOA # 20-0909.06”*

3. Statement letter of code conformance to the 7<sup>th</sup> edition (2020) FBC issued by Ruskin Company, dated 08/25/2020, signed and sealed by Melissa M. Massar, P.E.
4. Statement letter of no changes and not been affected by any changes in the 2020 FBC issued by Ruskin Company, dated 08/25/2020, signed and sealed by Melissa M. Massar, P.E.



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Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA-No. 23-1127.05  
Expiration Date: February 11, 2025  
Approval Date: April 11, 2024

PARTS LIST FOR STANDARD CONSTRUCTION			
ITEM	DESCRIPTION	MATERIAL	ALLOY
1	HEAD FRAME	.125" THK EXTRUDED ALUM.	6063-T6
2	SILL FRAME	.125" THK EXTRUDED ALUM.	6063-T6
3	JAMB FRAME	.125" THK EXTRUDED ALUM.	6063-T6
4	FIXED BLADE	.080" THK EXTRUDED ALUM.	6063-T6
5	ADJUSTABLE BLADE	.070" THK EXTRUDED ALUM.	6063-T6
6	HIDDEN MULLION	.125" THK EXTRUDED ALUM.	6063-T6
7	BLADE BRACE	.080" THK EXTRUDED ALUM.	6063-T6
8	MULLION SUPPORT CHANNEL	.125" THK EXTRUDED ALUM.	6063-T6
9	MULLION SUPPORT	.125" THK EXTRUDED ALUM.	6063-T6
10	TOP BLADE STOP	.063" THK EXTRUDED ALUM.	6063-T6
11	BOTTOM BLADE STOP	.080" THK EXTRUDED ALUM.	6063-T6
12	BLADE STOP SEAL	.1875" X .50" - PARAFOAM 400	-
13	JAMB SEAL	.010" THK FORMED ALUM.	-
14	BLADE SEAL	SANTOPRENE 50 SHORE D	-
15	HAND QUADRANT PLATE	12 GA GALV STEEL	-
16	HAND QUADRANT ARM	10 GA GALV STEEL G60	-
17	TIE-BAR	1/2X12GA GALV	-
18	BEARING	.5" DIA SS	-
19	E SIDE LINKAGE CRANKARM ASSY	PLATED STEEL	-
20	F SIDE LINKAGE CRANKARM ASSY	PLATED STEEL	-
21	IDLER DRIVE AXLE	7/16" HEX STEEL ZINC PLATED	-
22	RETAINING RING: TRUARC E-50	ZINC YELLOW DICHRIMATE PLATED	-
23	RETAINING RING: TRUARC E-25	ZINC YELLOW DICHRIMATE PLATED	-
24	BLT CARR 1/4-20X1.00	ZINC COATED	-
25	WING NUT 1/4"-20	ZINC COATED	-
26	SCREW 8-18 X 3/4" LG HWH "AB" W/SEAL WASHER	410SS/ZINC COATED	-
27	SCREW 12-14 x 1" LG HWH "SDS"	410SS/ZINC COATED	-
28	SCREW 10-16 X 3/4" HWH "SDS"	410SS	-

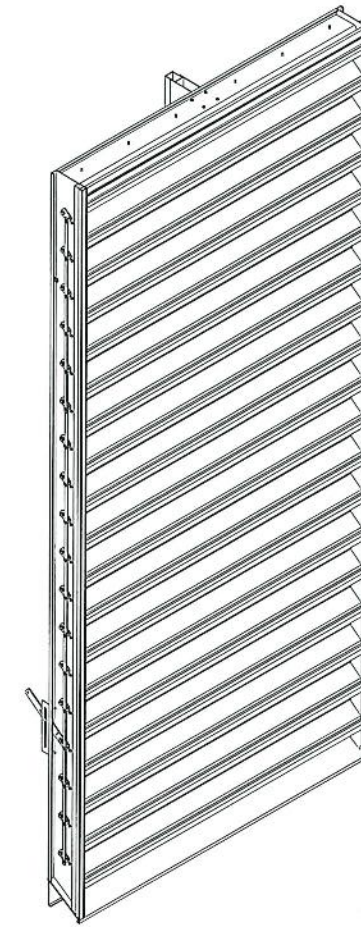
MULTI SECTION CONNECTION PARTS			
ITEM	DESCRIPTION	MATERIAL	ALLOY
29	1/4-20 X 2.75" LG BOLT W/ WASHER & LOCKNUT	ZINC PLATED ASTM A307 GRADE A	-

INSTALLATION PARTS			
ITEM	DESCRIPTION	MATERIAL	ALLOY
30	FORMED CLIP ANGLE 2" LG.	0.25" THK FORMED ALUM.	3003-H14
31	FORMED CLIP ANGLE 4" LG.	0.25" THK FORMED ALUM.	3003-H14
32	ALTERNATE ATTACHMENT ANGLE 2" LG.	0.25" THK EXTRUDED ALUM.	6063-T6
33	ALTERNATE ATTACHMENT ANGLE 4" LG.	0.25" THK EXTRUDED ALUM.	6063-T6
34	ALTERNATE FORMED CLIP ANGLE 2" LG.	0.25" THK FORMED ALUM.	3003-H14
35	ALTERNATE FORMED CLIP ANGLE 4" LG.	0.25" THK FORMED ALUM.	3003-H14
36	#10-16X1 1/2" LG "HWH" TYPE "SDS"	410SS	-
37	STANDARD CLIP ANGLE INSTALLATION SUBSTRATE FASTENER(REF TABLE 1/11)	VARIES	-
38	DOUBLE CLIP ANGLE INSTALLATION SUBSTRATE FASTENER(REF TABLE 2/11)	VARIES	-
39	3/8-16X1 1/2" BOLT W/NUT	ZINC PLATED ASTM A307 GRADE A	-

UNIVERSAL SLEEVE PARTS			
ITEM	DESCRIPTION	MATERIAL	ALLOY
40	FRONT FLANGE UNIVERSAL SLEEVE	MIN. .125" THK FORMED ALUM.	5005-H34 OR 3003-H14
41	HEAD FRAME W/ INTEGRAL FLANGE	.125" THK EXTRUDED ALUM.	6063-T6
42	SILL FRAME W/ INTEGRAL FLANGE	.125" THK EXTRUDED ALUM.	6063-T6
43	JAMB FRAME W/ INTEGRAL FLANGE	.125" THK EXTRUDED ALUM.	6063-T6
44	CONT. RETAINING ANGLE	.250" THK EXTRUDED ALUM.	6063-T6
45	1/4-14 "HWH" TYPE "SDS"	410SS	-

**ABBREVIATIONS:**

CONT. - CONTINUOUS  
 C-C - CENTER TO CENTER  
 D - SUBSTRATE DEPTH  
 DIM. - DIMENSION  
 FLG. - FLANGE  
 HDG - HOT DIPPED GALVANIZED  
 H.V.B.S. - HIDDEN VERTICLE 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  
 R.O. - ROUGH OPENING  
 REF. - REFERENCE  
 S.S. - SHIP SECTION  
 S.S.D. - SHIP SECTION DIMENSION  
 S.D.S. - SELF DRILLING SCREW  
 SIM. - SIMILAR  
 STL - STEEL  
 SUB. - SUBSTRATE  
 TYP. - TYPICAL  
 U.N.O. - UNLESS NOTED OTHERWISE

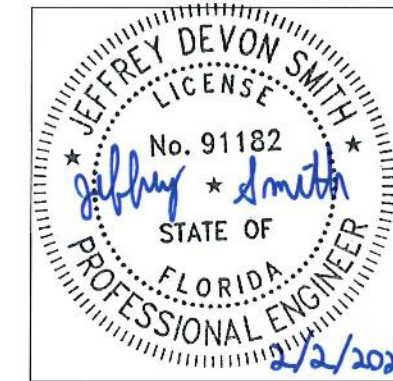


**DRAWING INDEX:**

SHEET 01 - NOTES, PARTS LIST & DRAWING INDEX  
 SHEET 02 - SINGLE SECTION & THEIR SECTION VIEWS  
 SHEET 03 - BASIC LOUVER CONNECTION DETAILS  
 SHEET 04 - ASSEMBLY 'A' & SECTION VIEWS  
 SHEET 05 - ASSEMBLY 'B' & SECTION VIEWS  
 SHEET 06 - STANDARD & ALTERNATE INSTALLATION DETAILS  
 SHEET 07 - ALTERNATE INSTALLATION DETAILS  
 SHEET 08 - ASSEMBLY 'C' UNIVERSAL SLEEVE  
 SHEET 09 - ASSEMBLY 'D' UNIVERSAL SLEEVE  
 SHEET 10 - UNIVERSAL SLEEVE ATTACHMENT DETAILS  
 SHEET 11 - SUBSTRATE FASTENER TABLES  
 SHEET 12 - PARTS (ITEMS 1 THRU 8)  
 SHEET 13 - PARTS (ITEMS 9 THRU 18)  
 SHEET 14 - PARTS (ITEMS 19 THRU 23)  
 SHEET 15 - PARTS (ITEMS 30 THRU 35)  
 SHEET 16 - PARTS (ITEMS 40 THRU 44)

**NOTES:**

1. THE ELC6375DXD HAS BEEN TESTED IN ACCORDANCE WITH & QUALIFIED TO FLORIDA PROTOCOLS TAS-201, 202, & 203 FOR LARGE MISSILE IMPACT, UNIFORM PRESSURE, CYCLIC WIND PRESSURE & AMCA 550 FOR HIGH VELOCITY WIND DRIVEN RAIN.
2. QUALIFICATION 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/WATER PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES.
3. THIS LOUVER SYSTEM IS APPROVED FOR APPLICATIONS WITH DESIGN PRESSURES OF +/- 110 PSF OR LESS. THIS LOUVER SYSTEM IS NON-BEARING AND IS NOT DESIGNED TO WITHSTAND BUILDING DEAD LOADS.
4. RUSKIN DOES NOT DETERMINE THE STRUCTURAL INTEGRITY OF THE STRUCTURE. SUBSTRATE REQUIREMENTS GIVEN IN TABLES 01 & 02 ON SHEET 11 ARE AS NEEDED FOR ANCHORAGE ONLY.
5. MAXIMUM SINGLE SECTION SIZE IS 55" WIDE X 120" HIGH. UNLIMITED WIDTH CAN BE ACCOMPLISHED BY PLACING SINGLE SECTIONS SIDE BY SIDE.
6. SECTIONS OR ASSEMBLIES MAY BE STACKED VERTICALLY PROVIDING A SUITABLE STRUCTURAL SUPPORT IS DESIGNED AND INSTALLED BY OTHERS TO SUPPORT ALL LOADS TRANSFERRED FROM THE LOUVER.
7. ALL WELDED ATTACHMENTS REQUIRE MIN. FILLER METAL OF 4043 ALUMINUM ALLOY WITH MIN. TENSILE STRENGTH OF 24 KSI.
8. PART NUMBERS WITH A SQUARE ARE SHIPPED LOOSE.

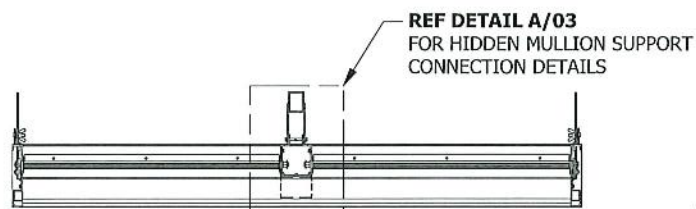


JEFFREY DEVON SMITH, P.E.  
 NO. 91182

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. 23-1127.05  
 Expiration Date 02/11/2025  
 By *[Signature]*  
 Miami-Dade Product Control

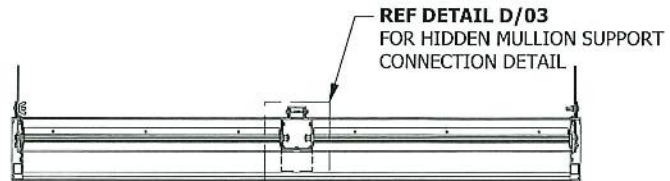
**Tolerances**  
 Unless Stated Otherwise  
 Use WIQ-007, WIQ-008  
 Fractions ±1/16  
 Two Decimals ±0.020  
 Three Decimals ±0.010  
 Angle Dimensions ±2'

E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
AUTHOR	ENK	8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030			
CHECKED	DJR	11/15/2008				
APPROVED	DJR	11/15/2008				
MATERIAL	EXTRUDED ALUMINUM	PRODUCT	ELC6375DXD - EXTRUDED COMBINATION LOUVER			
		TITLE	NOTES, PARTS LIST & DRAWING INDEX			
SIZE	B	DWG NO	60-022114-00B		REV	E
ECN		SCALE	N.T.S.		INVENTOR	SHEET 1 OF 16

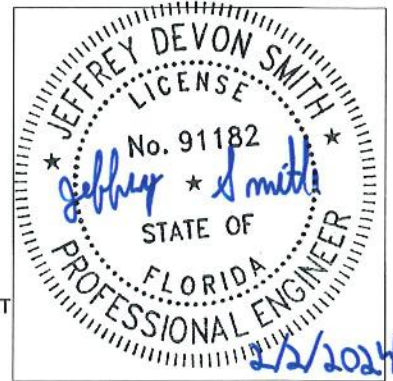


SECTION A-A

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. 23-1127.05  
 Expiration Date 02/11/2025  
 By *[Signature]*  
 Miami-Dade Product Control



SECTION C-C

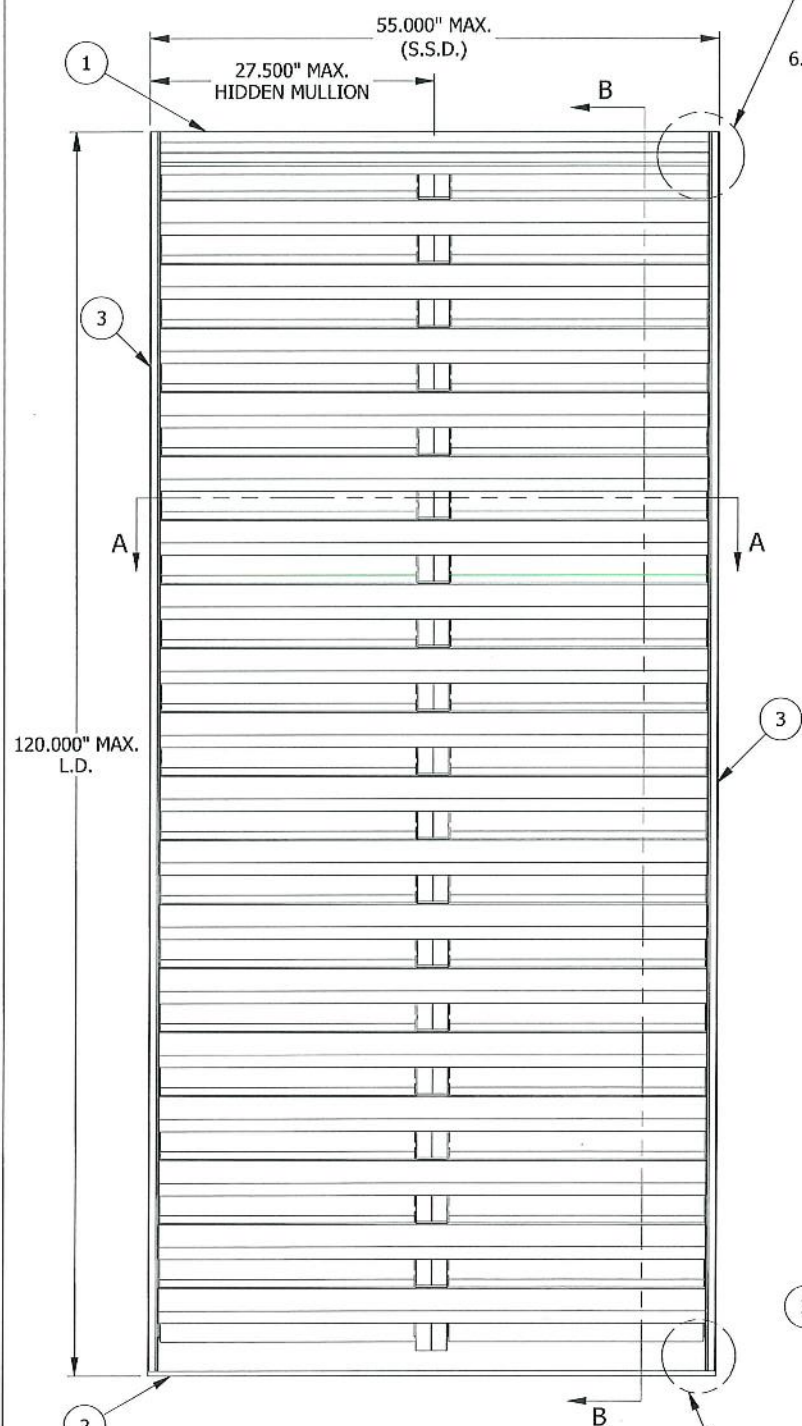


JEFFREY DEVON SMITH, P.E.  
 NO. 91182

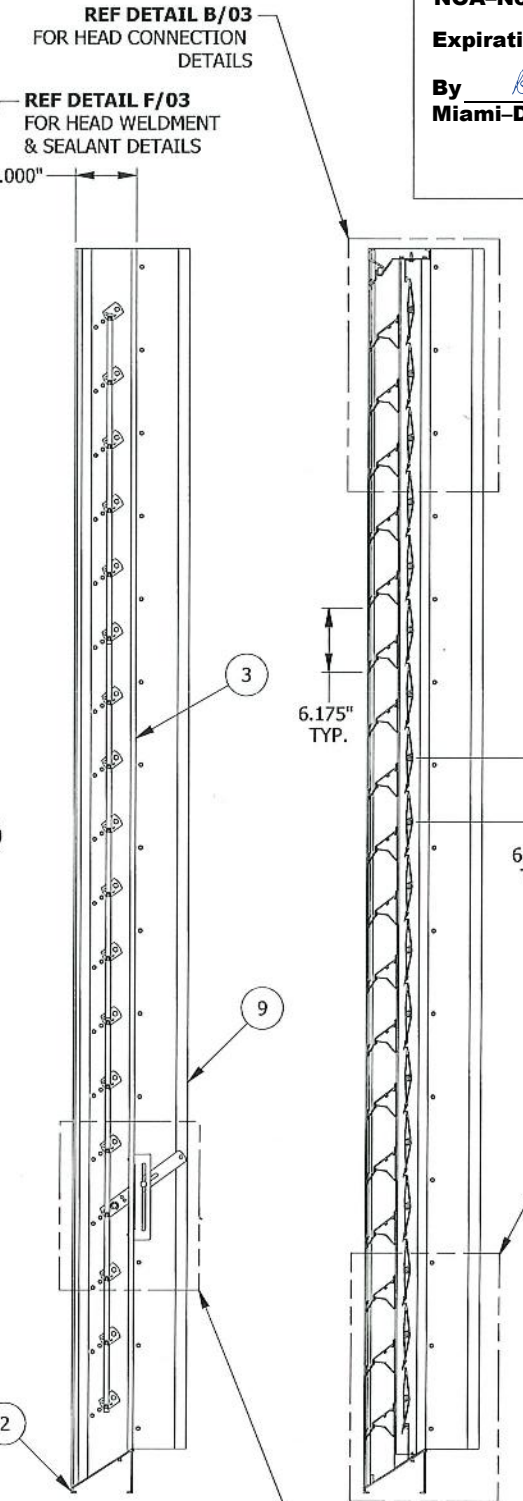
REF DETAIL B/03  
 FOR HEAD CONNECTION  
 DETAILS

REFER DETAIL G/03  
 FOR QUAD ARM-JAMB  
 CONNECTION DETAIL

REF DETAIL C/03  
 FOR SILL CONNECTION  
 DETAILS



**SINGLE SECTION VIEWS**  
 N.T.S.  
 LOUVER HEIGHT > 75.75"

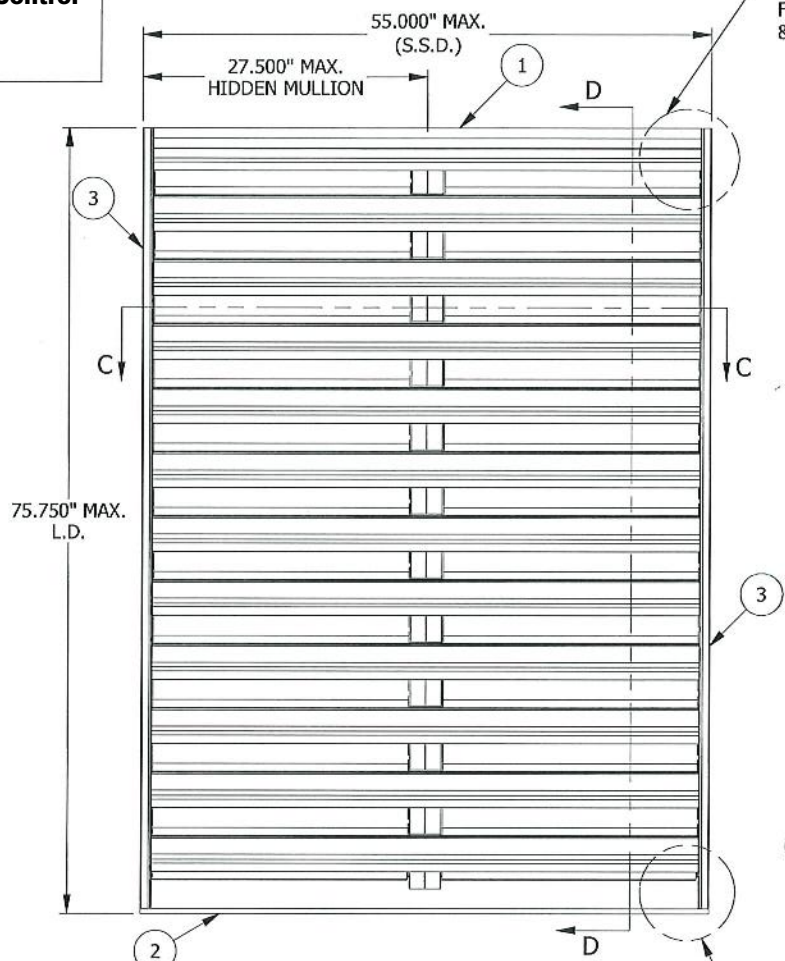


SIDE VIEW

SECTION B-B

REF DETAIL E/03  
 FOR SILL WELDMENT  
 & SEALANT DETAILS

REFER DETAIL G/03  
 FOR QUAD ARM-JAMB CONNECTION DETAIL



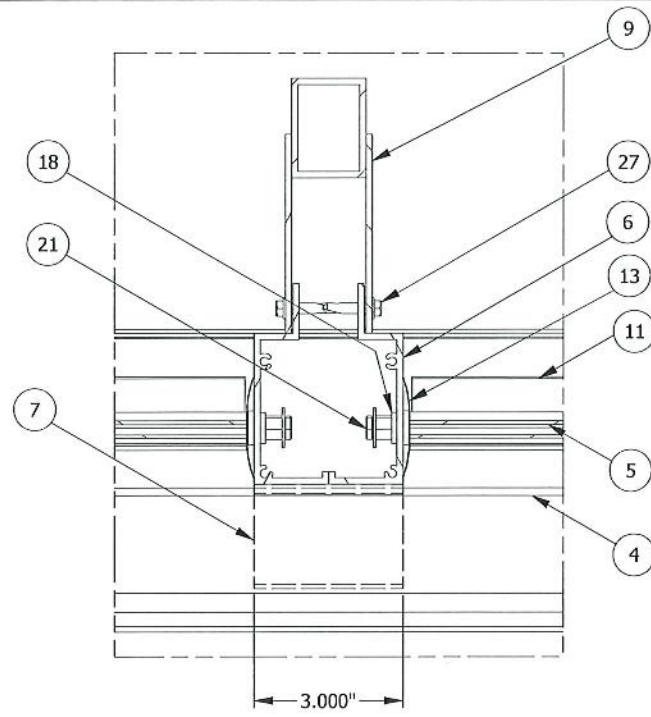
**SINGLE SECTION VIEWS**  
 N.T.S.  
 LOUVER HEIGHT ≤ 75.75"

SIDE VIEW

SECTION D-D

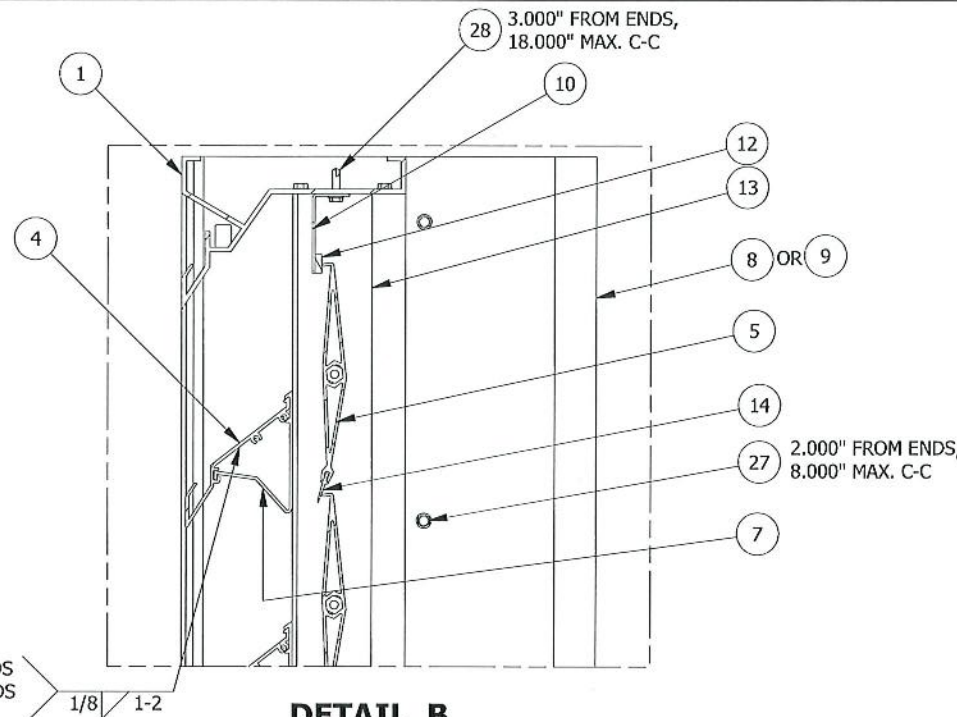
REF DETAIL E/03  
 FOR SILL WELDMENT  
 & SEALANT DETAILS

REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
AUTHOR	ENK	8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030 PRODUCT ELC6375DXD - EXTRUDED COMBINATION LOUVER TITLE ASSEMBLY 'A', ASSEMBLY 'B' & SECTION VIEWS SIZE B SCALE N.T.S.			
CHECKED	DJR	11/15/2008				
APPROVED	DJR	11/15/2008				
MATERIAL	EXTRUDED ALUMINUM	DWG NO 60-022114-00B INVENTOR SHEET 2 OF 16				



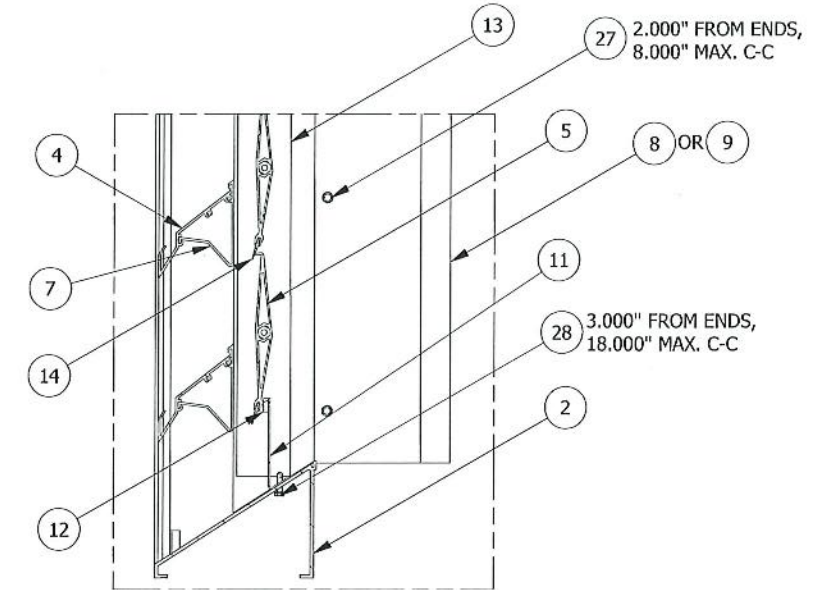
**DETAIL A**

HIDDEN MULLION SUPPORT CONNECTION DETAIL  
WHEN LOUVER HEIGHT > 75.75"



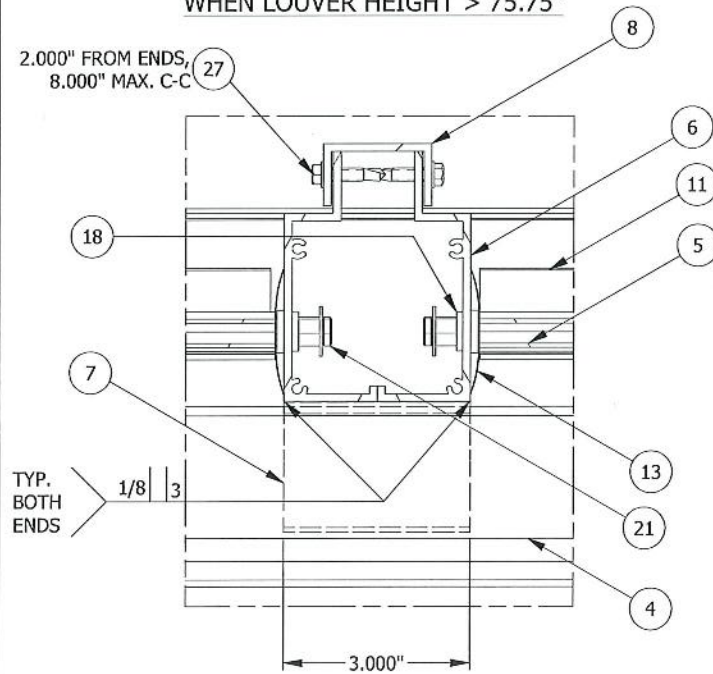
**DETAIL B**

HEAD CONNECTION DETAIL



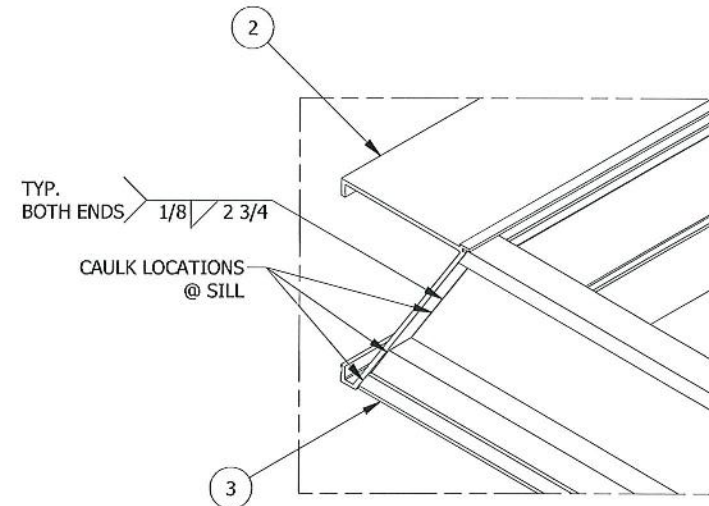
**DETAIL C**

SILL CONNECTION DETAIL



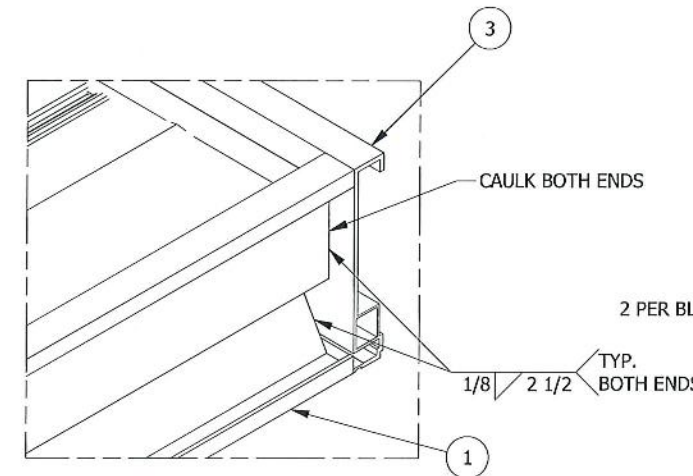
**DETAIL D**

HIDDEN MULLION SUPPORT CONNECTION DETAIL  
WHEN LOUVER HEIGHT ≤ 75.75"



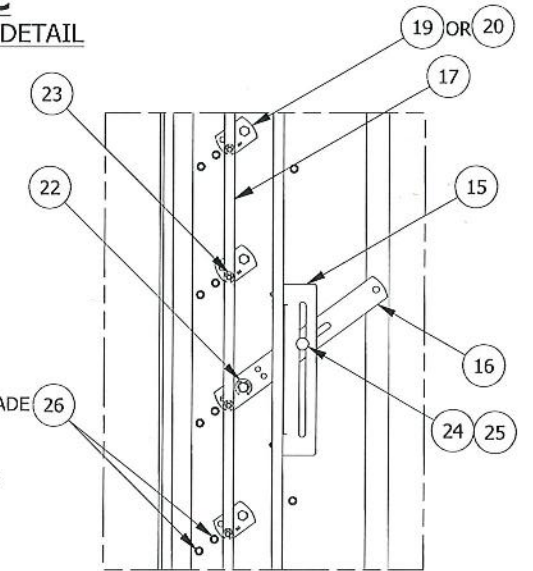
**DETAIL E**

SILL WELDMENT & SEALANT DETAILS



**DETAIL F**

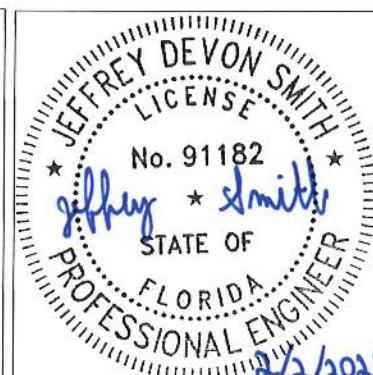
HEAD WELDMENT & SEALANT DETAILS



**DETAIL G**

QUAD ARM-JAMB CONNECTION DETAIL

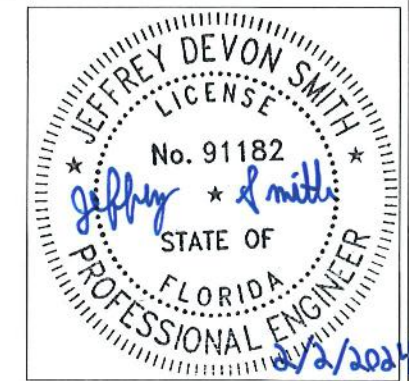
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1127.05  
Expiration Date 02/11/2025  
By *[Signature]*  
Miami-Dade Product Control



JEFFREY DEVON SMITH, P.E.  
NO. 91182

REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
AUTHOR	ENK	8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030			
CHECKED	DJR	11/15/2008				
APPROVED	DJR	11/15/2008				
MATERIAL	EXTRUDED ALUMINUM	PRODUCT ELC6375DXD - EXTRUDED COMBINATION LOUVER TITLE BASIC LOUVER CONNECTION DETAILS				
SIZE	B	DWG NO	60-022114-00B		REV	E
SCALE	N.T.S.	INVENTOR	SHEET 3 OF 16			

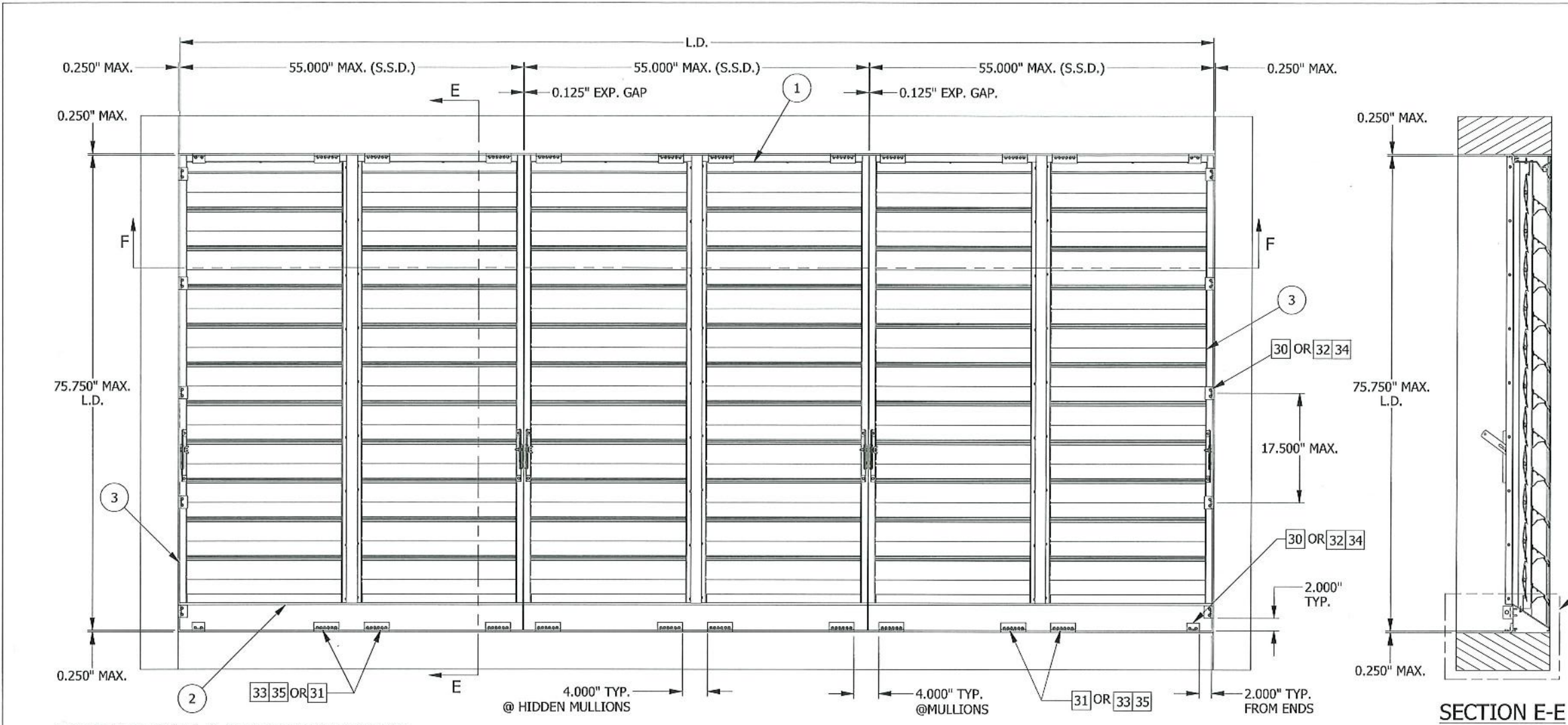




JEFFREY DEVON SMITH, P.E.  
NO. 91182

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1127.05  
Expiration Date 02/11/2025  
By *[Signature]*  
Miami-Dade Product Control

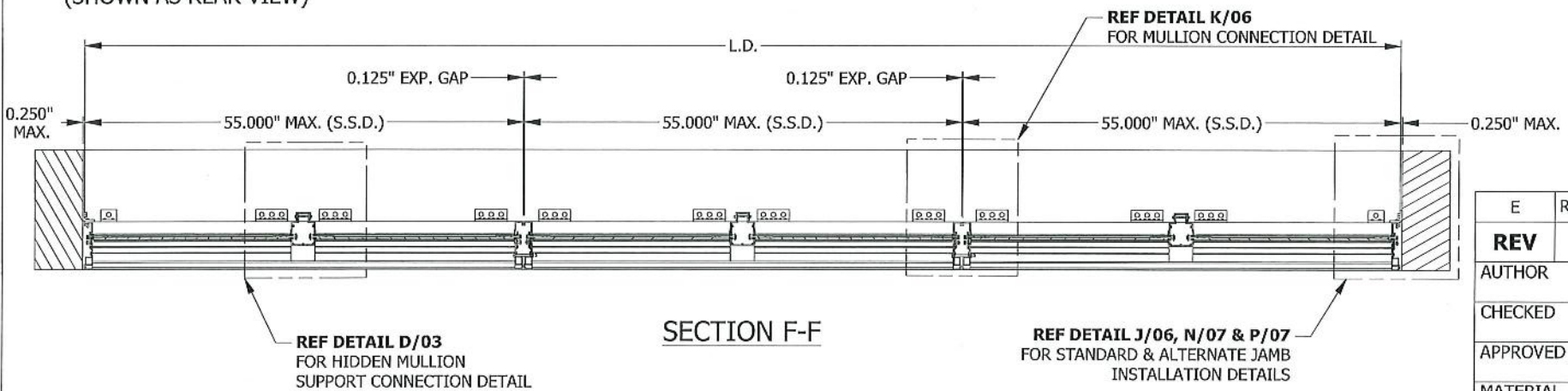
REF DETAIL H/06  
FOR STANDARD HEAD/SILL  
INSTALLATION DETAIL  
REF DETAIL L/06 & M/06  
FOR ALTERNATE HEAD/SILL  
INSTALLATION DETAILS



SECTION E-E

**ASSEMBLY 'A' & SECTION VIEWS**

N.T.S.  
MAX. SHIP SECTION : **55" W X 75.75" H** (REF SHEET 2 FOR SINGLE SECTION CONSTRUCTION)  
(SHOWN AS REAR VIEW)



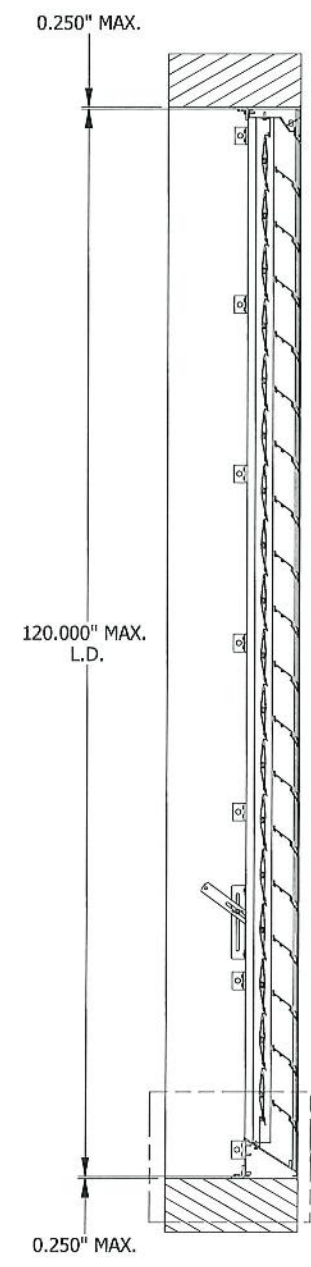
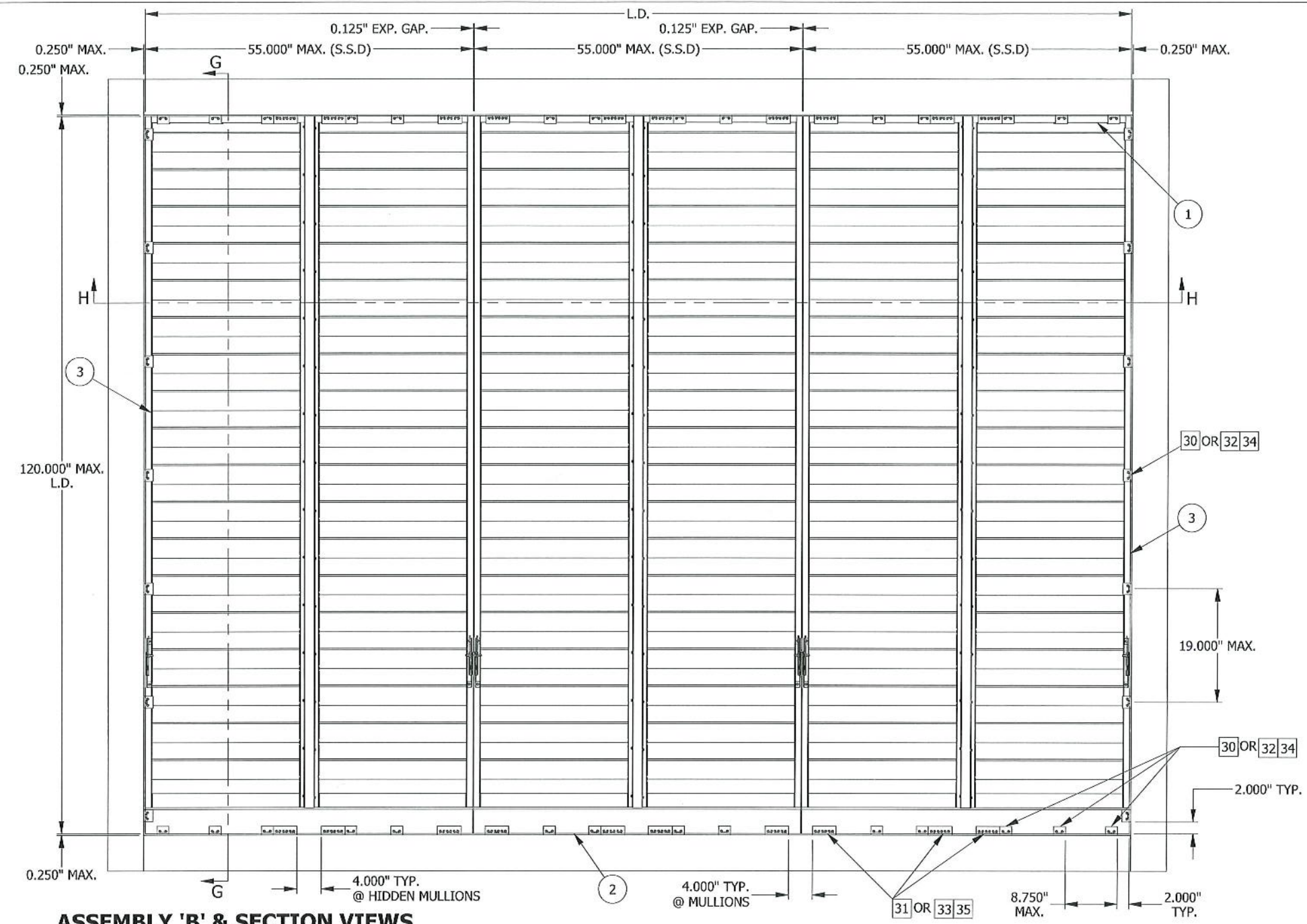
SECTION F-F

E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
AUTHOR	ENK	8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030 PRODUCT ELC6375DXD - EXTRUDED COMBINATION LOUVER TITLE ASSEMBLY 'A' & SECTION VIEWS SIZE B DWG NO 60-022114-00B REV E SCALE N.T.S. INVENTOR SHEET 4 OF 16			
CHECKED	DJR	11/15/2008				
APPROVED	DJR	11/15/2008				
MATERIAL	EXTRUDED ALUMINUM					



JEFFREY DEVON SMITH, P.E.  
NO. 91182

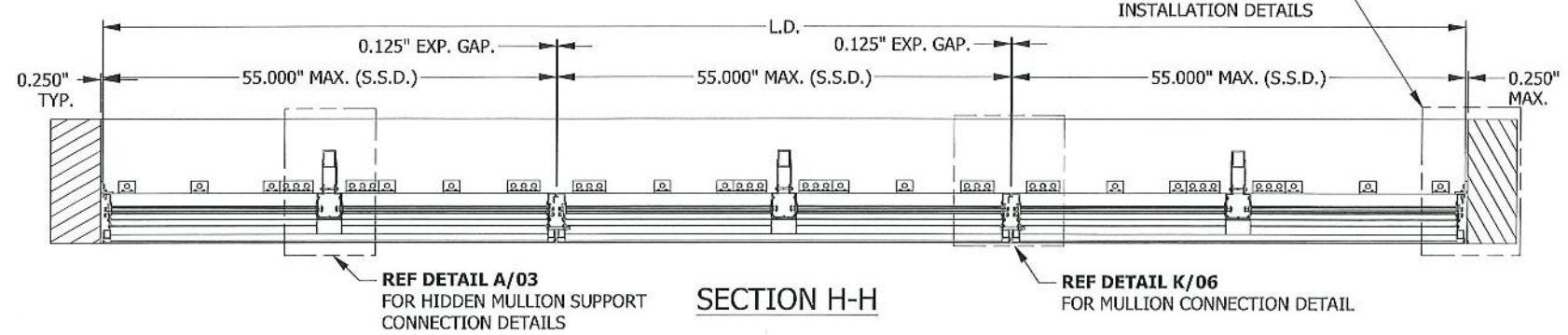
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1127.05  
Expiration Date 02/11/2025  
By *[Signature]*  
Miami-Dade Product Control



REF DETAIL H/06  
FOR STANDARD HEAD/SILL  
INSTALLATION DETAIL  
REF DETAIL L/06 & M/06  
FOR ALTERNATE HEAD/SILL  
INSTALLATION DETAIL

**ASSEMBLY 'B' & SECTION VIEWS**

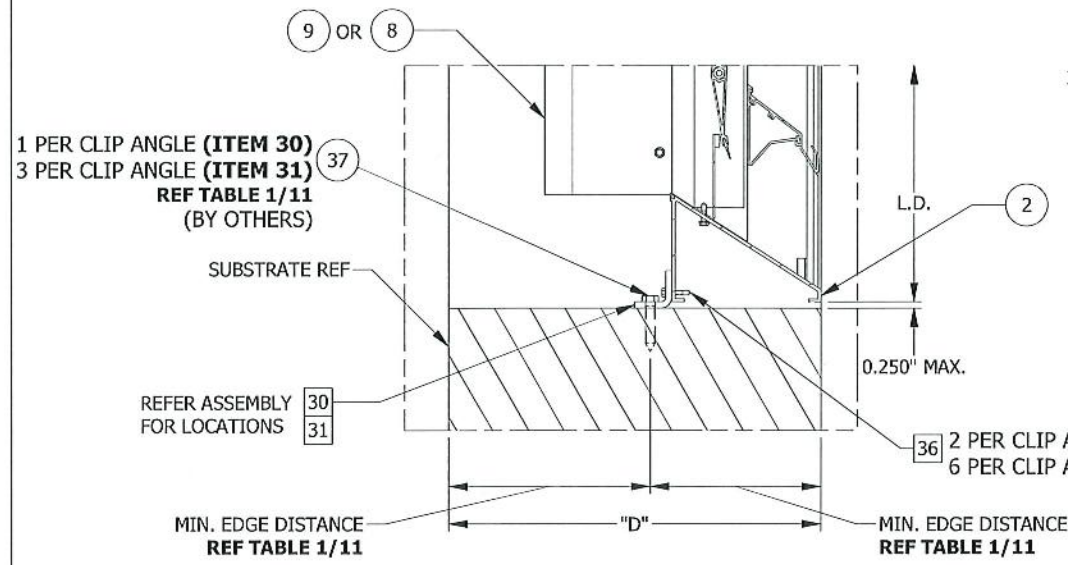
N.T.S.  
MAX. SHIP SECTION : **55" W X 120" H** (REF SHEET 2 FOR SINGLE SECTION CONSTRUCTION)  
(SHOWN AS REAR VIEW)



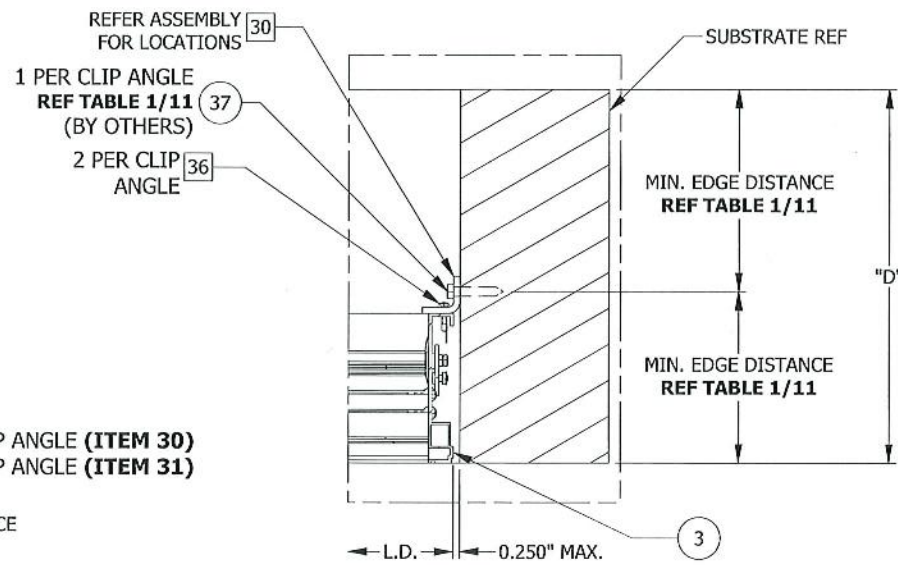
REF DETAIL A/03  
FOR HIDDEN MULLION SUPPORT  
CONNECTION DETAILS

REF DETAIL K/06  
FOR MULLION CONNECTION DETAIL

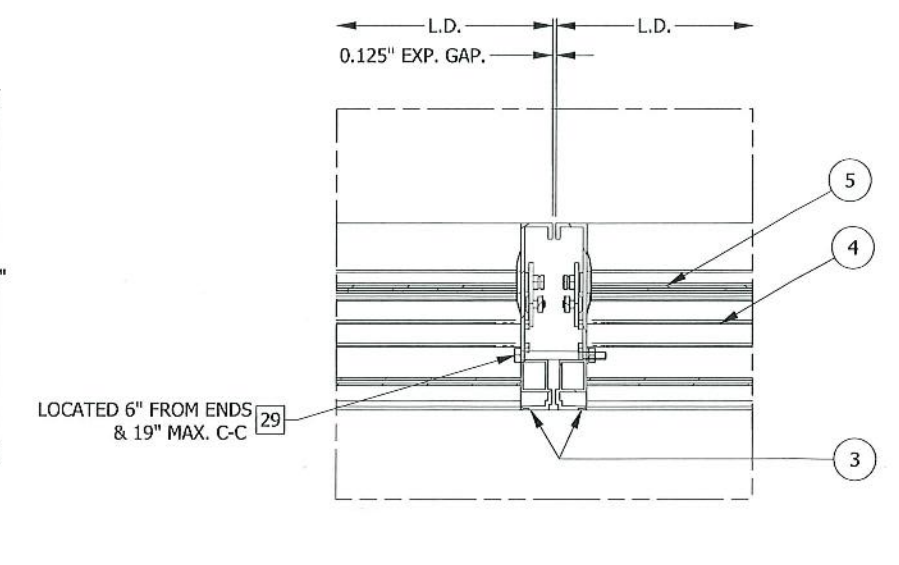
REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
AUTHOR	ENK	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030 PRODUCT ELC6375DXD - EXTRUDED COMBINATION LOUVER TITLE ASSEMBLY 'B' & SECTION VIEWS SIZE B SCALE N.T.S.				
CHECKED	DJR 11/15/2008					
APPROVED	DJR 11/15/2008					
MATERIAL	EXTRUDED ALUMINUM	DWG NO	60-022114-00B		REV	E
ECN		INVENTOR	SHEET 5 OF 16			



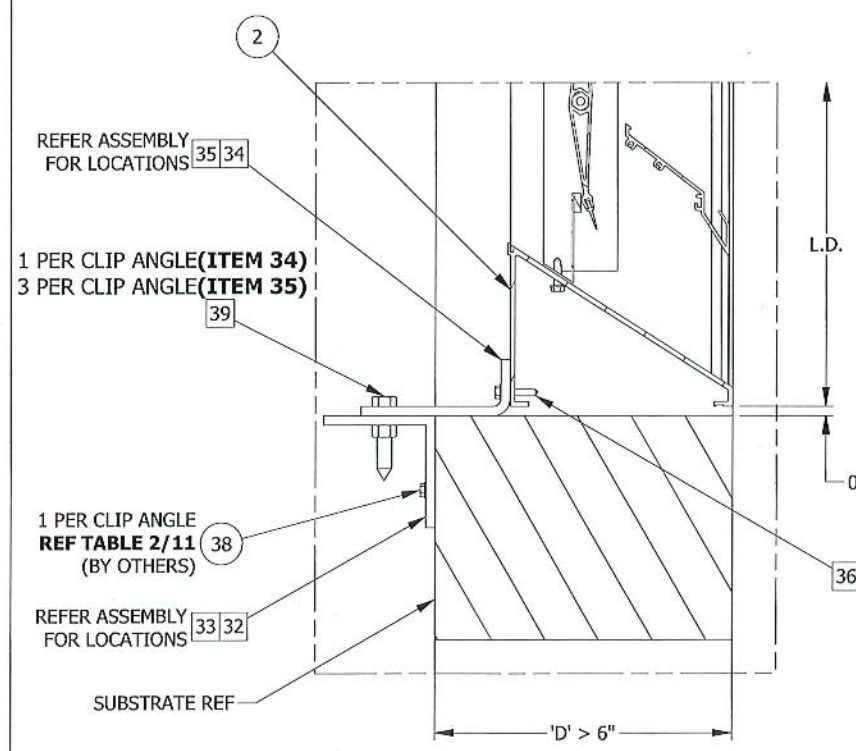
**DETAIL H**  
STANDARD INSTALLATION DETAIL @ HEAD/SILL



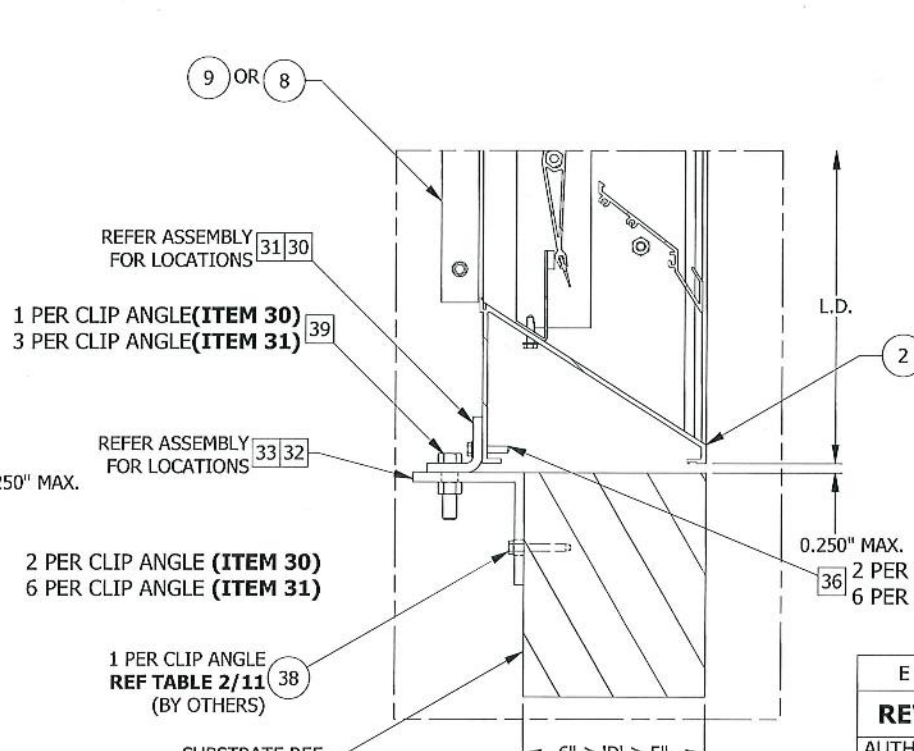
**DETAIL J**  
STANDARD INSTALLATION DETAIL @ JAMB



**DETAIL K**  
MULLION CONNECTION DETAIL  
(CLIP ANGLES NOT SHOWN FOR CLARITY)



**DETAIL L**  
ALTERNATE INSTALLATION DETAIL @ HEAD/SILL  
USED WHEN MIN. EDGE DISTANCE PER TABLE 1/11  
CANNOT BE MET



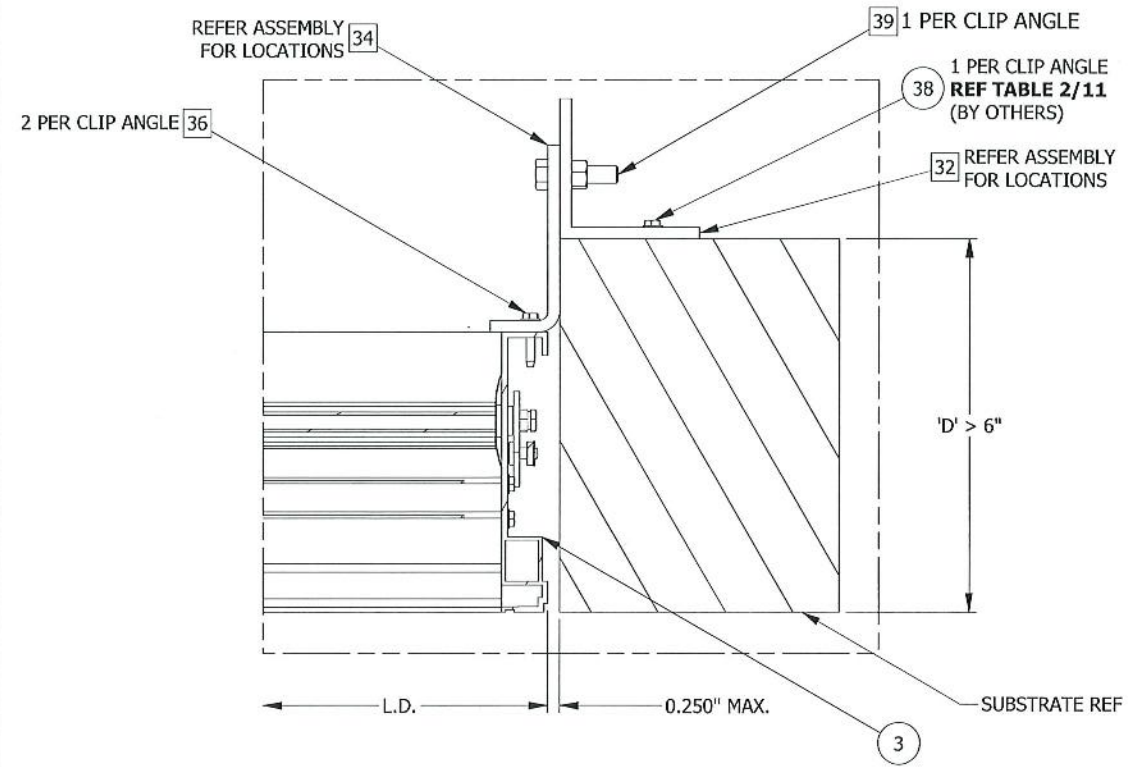
**DETAIL M**  
ALTERNATE INSTALLATION DETAIL @ HEAD/SILL  
USED WHEN MIN. EDGE DISTANCE PER TABLE 1/11  
CANNOT BE MET

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 23-1127.05  
Expiration Date 02/11/2025  
By *[Signature]*  
Miami-Dade Product Control

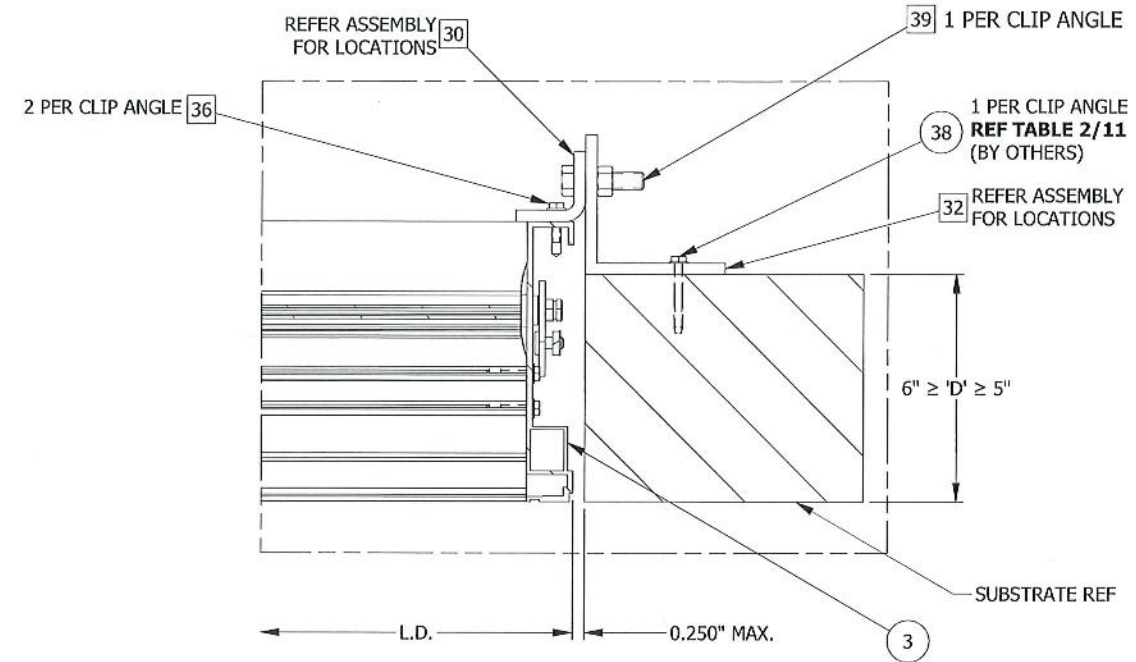
JEFFREY DEVON SMITH, P.E.  
NO. 91182

REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
AUTHOR	ENK					
CHECKED	DJR	11/15/2008				
APPROVED	DJR	11/15/2008				
MATERIAL	EXTRUDED ALUMINUM					
PRODUCT	ELC6375DXD - EXTRUDED COMBINATION LOUVER					
TITLE	STANDARD & ALTERNATE INSTALLATION DETAILS					
SIZE	B	DWG NO	60-022114-00B	REV		E
ECN	N.T.S.	INVENTOR		SHEET	6 OF 16	

**RUSKIN Air & Sound Control**  
3900 Doctor Greaves Road, Grandview, MO 64030



**DETAIL N**  
 ALTERNATE INSTALLATION DETAIL @ JAMB  
 USED WHEN MIN. EDGE DISTANCE PER TABLE 1/11  
 CANNOT BE MET



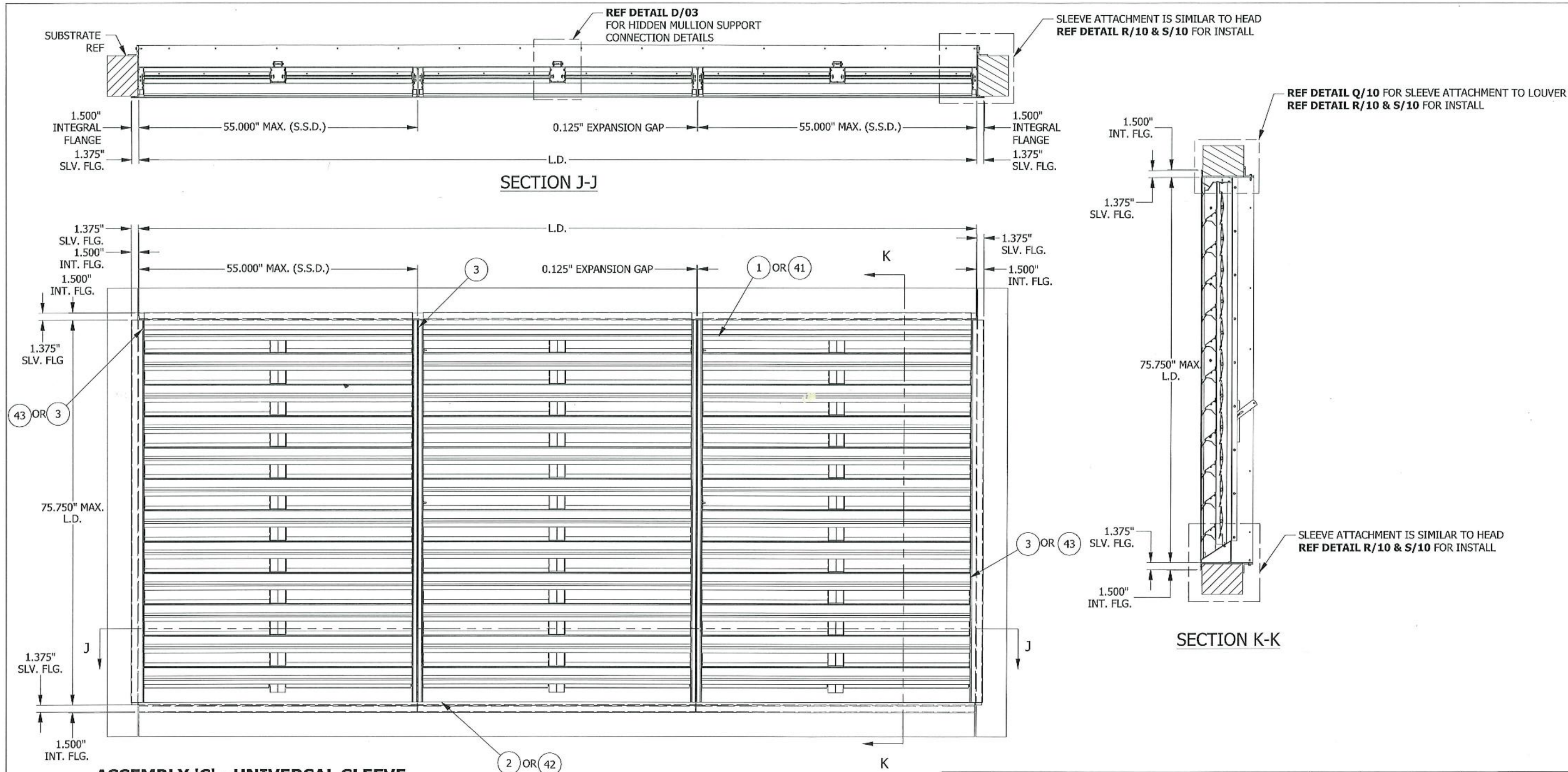
**DETAIL P**  
 ALTERNATE INSTALLATION DETAIL @ JAMB  
 USED WHEN MIN. EDGE DISTANCE PER TABLE 1/11  
 CANNOT BE MET

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. 23-1127.05  
 Expiration Date 02/11/2025  
 By *[Signature]*  
 Miami-Dade Product Control



JEFFREY DEVON SMITH, P.E.  
 NO. 91182

E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
AUTHOR	ENK 8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030				
CHECKED	DJR 11/15/2008					
APPROVED	DJR 11/15/2008					
MATERIAL	EXTRUDED ALUMINUM	PRODUCT	ELC6375DXD - EXTRUDED COMBINATION LOUVER			
		TITLE	ALTERNATE INSTALLATION DETAILS			
		SIZE	DWG NO			REV
		B	60-022114-00B			E
ECN		SCALE	N.T.S.	INVENTOR	SHEET 7 OF 16	



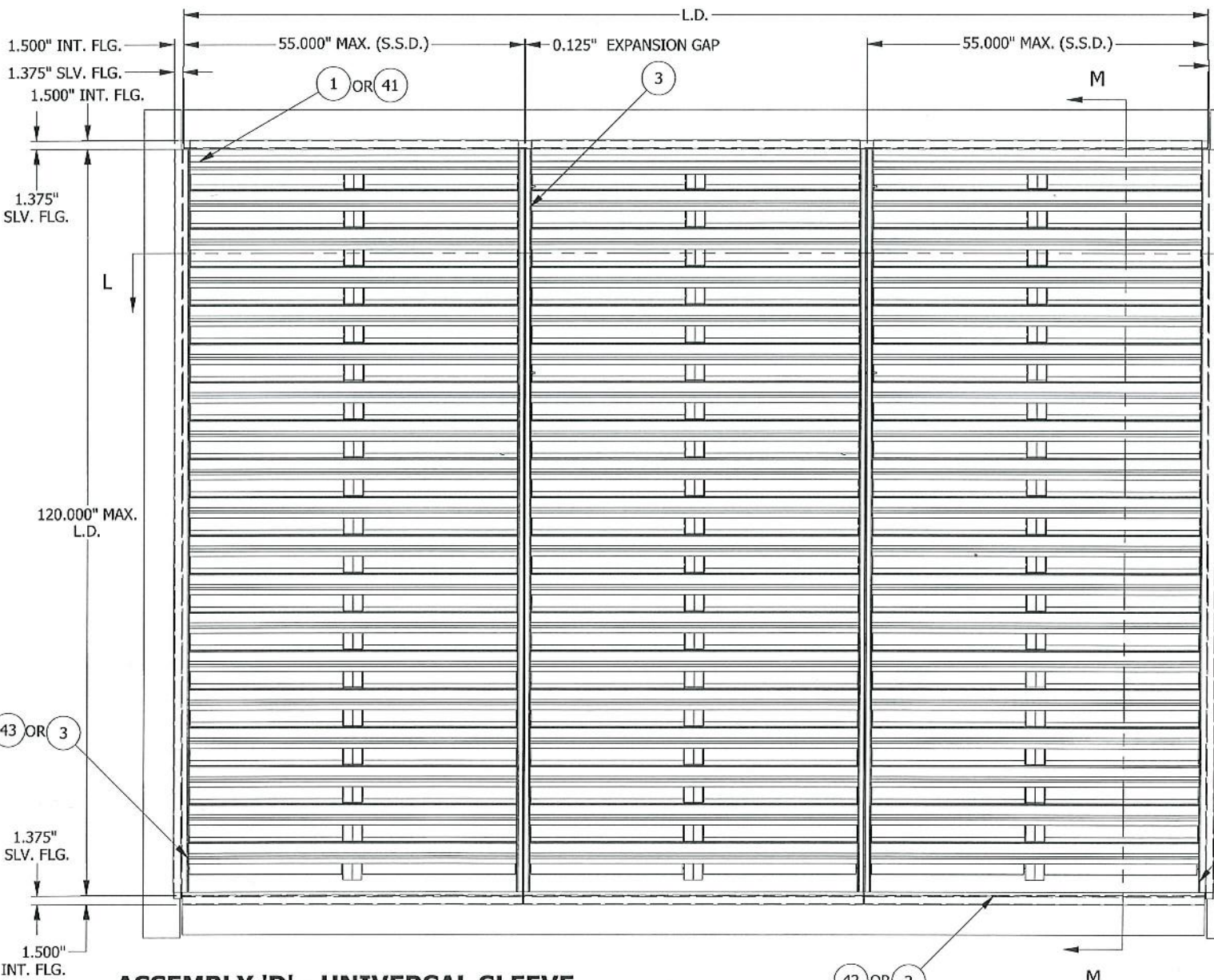
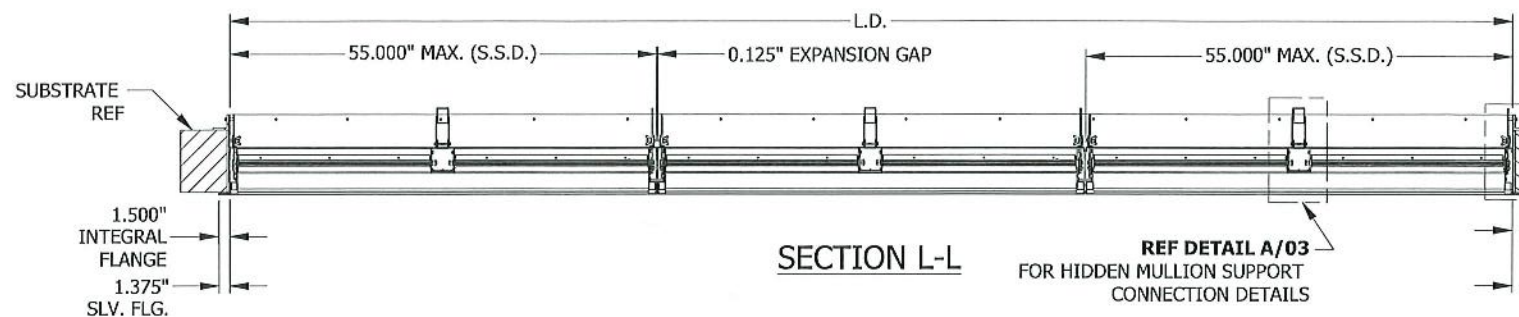
**ASSEMBLY 'C' - UNIVERSAL SLEEVE**  
 N.T.S.  
 MAX. SHIP SECTION : 55" W X 75.75" H  
 (REF SHEET 2 FOR SINGLE SECTION CONSTRUCTION)

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. 23-1127.05  
 Expiration Date 02/11/2025  
 By *[Signature]*  
 Miami-Dade Product Control

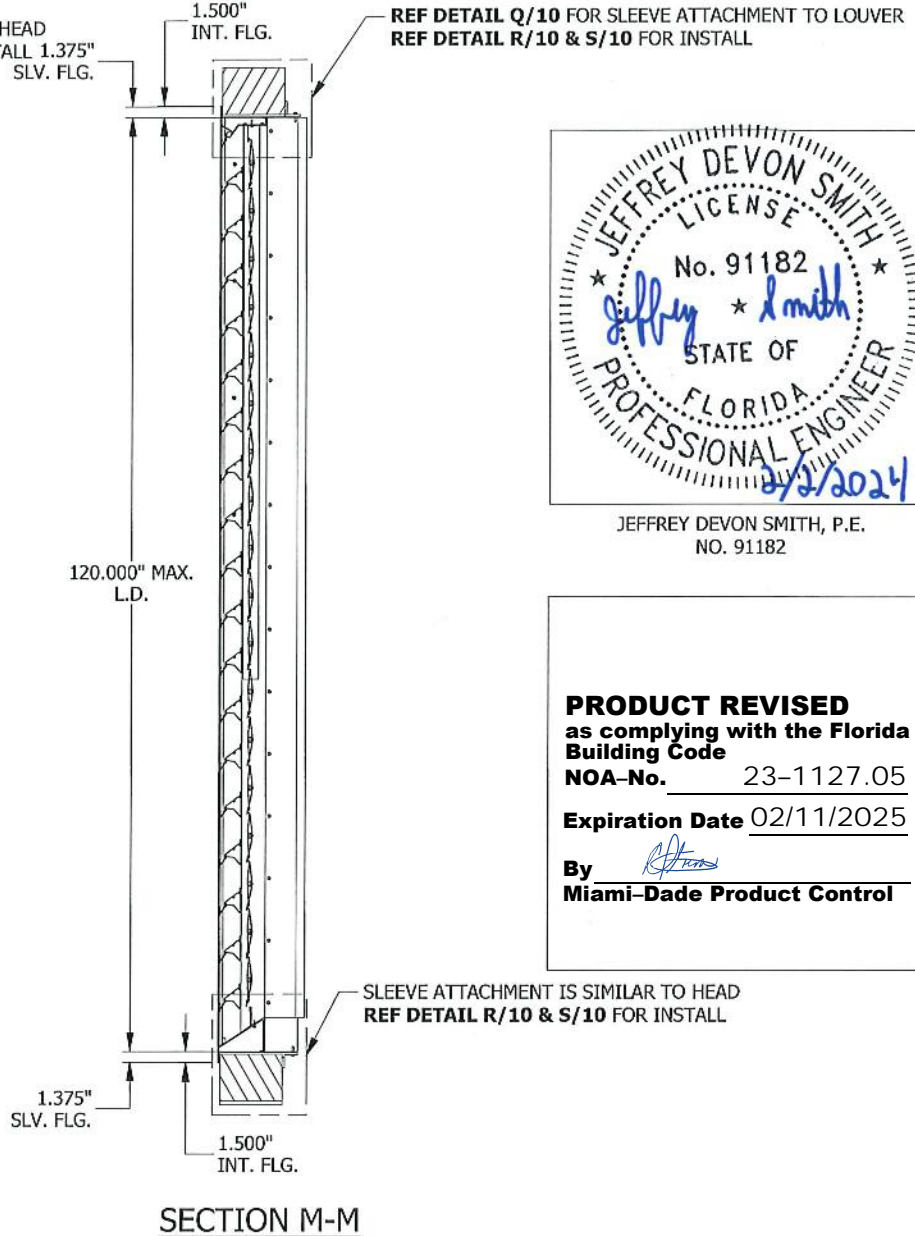


E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
AUTHOR	ENK	8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030 PRODUCT ELC6375DXD - EXTRUDED COMBINATION LOUVER TITLE ASSEMBLY 'C' & SECTION VIEWS - UNIVERSAL SLEEVE SIZE B SCALE N.T.S.			
CHECKED	DJR	11/15/2008				
APPROVED	DJR	11/15/2008				
MATERIAL	EXTRUDED ALUMINUM	DWG NO		REV		
		60-022114-00B		E		
		INVENTOR		SHEET 8 OF 16		

JEFFREY DEVON SMITH, P.E.  
 NO. 91182



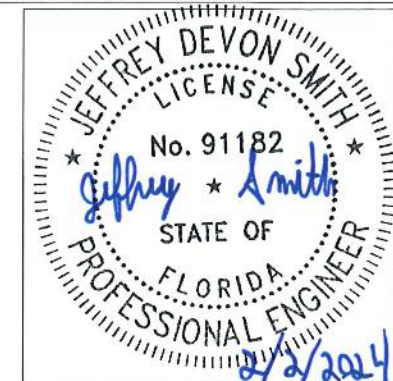
**ASSEMBLY 'D' - UNIVERSAL SLEEVE**  
 N.T.S.  
 MAX. SHIP SECTION : 55" W X 120" H  
 (REF SHEET 2 FOR SINGLE SECTION CONSTRUCTION)



JEFFREY DEVON SMITH, P.E.  
 NO. 91182

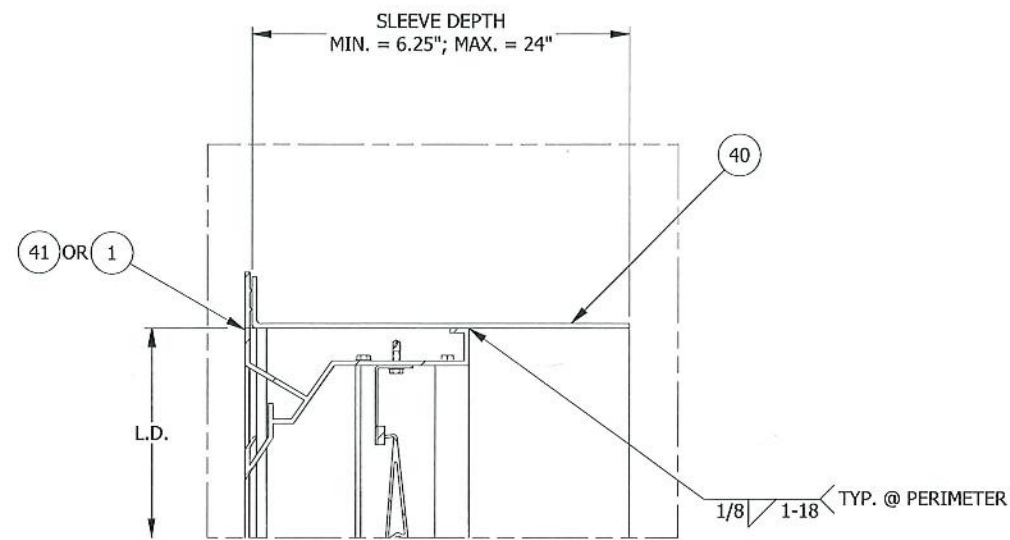
**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 NOA-No. 23-1127.05  
 Expiration Date 02/11/2025  
 By *[Signature]*  
 Miami-Dade Product Control

E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
AUTHOR	ENK 8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030				
CHECKED	DJR 11/15/2008					
APPROVED	DJR 11/15/2008					
MATERIAL	EXTRUDED ALUMINUM	PRODUCT	ELC6375DXD - EXTRUDED COMBINATION LOUVER			
		TITLE	ASSEMBLY 'D' & SECTION VIEWS - UNIVERSAL SLEEVE			
ECN		SIZE	B	DWG NO	60-022114-00B	REV
		SCALE	N.T.S.	INVENTOR		E
			SHEET 9 OF 16			

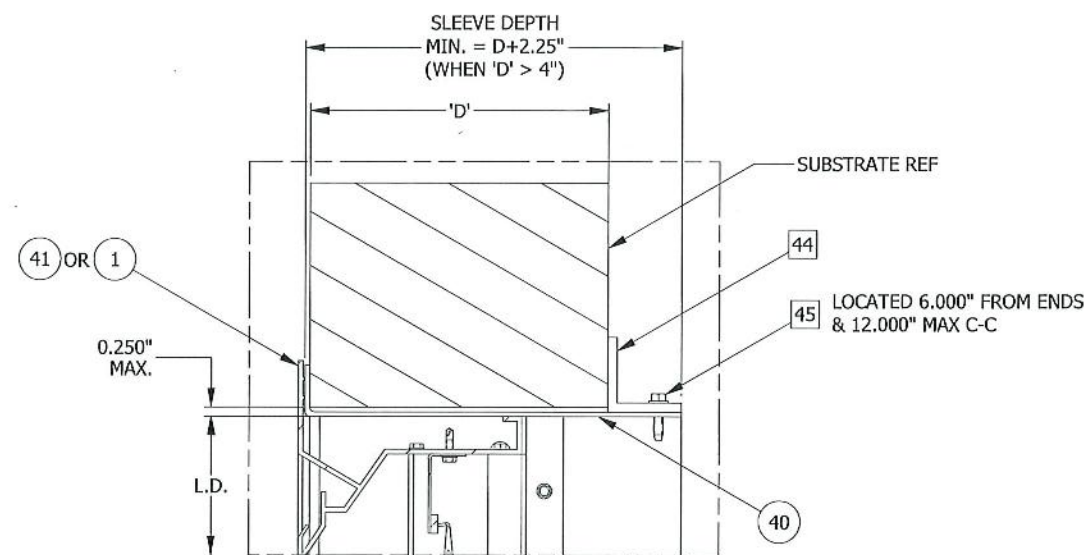


JEFFREY DEVON SMITH, P.E.  
NO. 91182

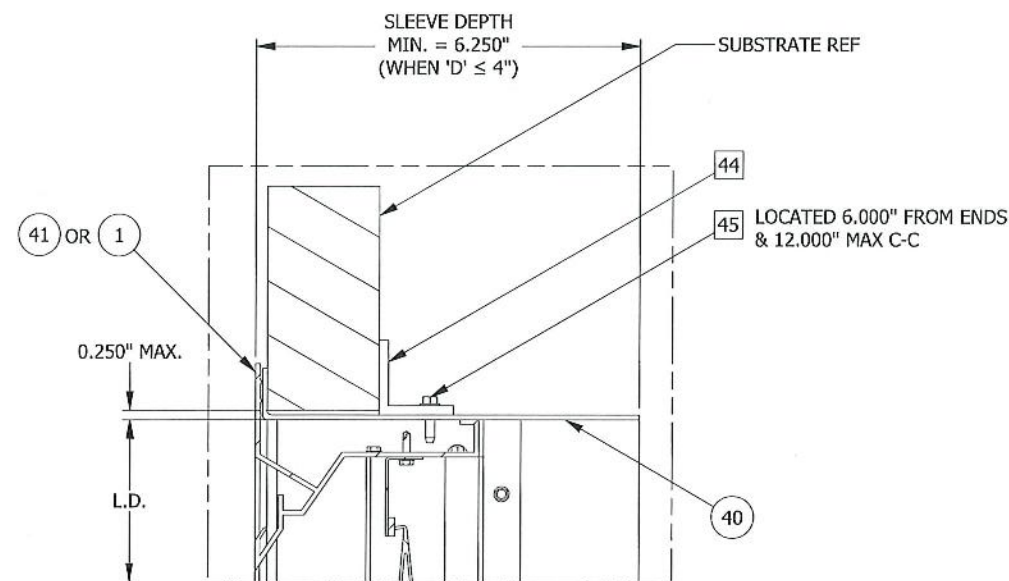
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1127.05  
Expiration Date 02/11/2025  
By *[Signature]*  
Miami-Dade Product Control



**DETAIL Q**  
UNIVERSAL SLEEVE WELDING DETAIL  
(TYP. AT PERIMETER)



**DETAIL R**  
UNIVERSAL SLEEVE CONNECTION DETAIL  
(TYP. AT PERIMETER)



**DETAIL S**  
UNIVERSAL SLEEVE CONNECTION DETAIL  
(TYP. AT PERIMETER)

REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
AUTHOR	ENK	8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030			
CHECKED	DJR	11/15/2008				
APPROVED	DJR	11/15/2008				
MATERIAL	EXTRUDED ALUMINUM	PRODUCT	ELC6375DXD - EXTRUDED COMBINATION LOUVER			
		TITLE	UNIVERSAL SLEEVE ATTACHMENT DETAILS			
		SIZE	B	DWG NO	60-022114-00B	REV
						E
ECN		SCALE	N.T.S.		INVENTOR	SHEET 10 OF 16

**TABLE 01 - STANDARD CLIP ANGLE INSTALLATION SUBSTRATE FASTENER (ITEM 37) (BY OTHERS)**

SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	FASTENER TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	3" THICK, 0.42 SPECIFIC GRAVITY	3/8" DIA. BOLT W/NUT, MIN. A307 GRADE A	3 THREADS BEYOND NUT	2"
		3/8" DIA. LAG SCREW, 2" LONG, MIN. A307 GRADE A	1 3/4"	2"
STEEL	16 GA, 45 KSI TENSILE STRENGTH, 33 KSI YIELD STRENGTH	3/8" DIA. BOLT W/NUT, MIN. A307 GRADE A	3 THREADS BEYOND NUT	3/4"
		3/8" SELF TAPPING SCREW, CARBON STEEL	3 THREADS BEYOND SUBSTRATE	3/4"
CONCRETE	2500 PSI COMP. STRENGTH, UNCRACKED	1/4" DIA. HILTI KWIK BOLT 3, CARBON STEEL, W/WASHER	1 1/2"	3"



JEFFREY DEVON SMITH, P.E.  
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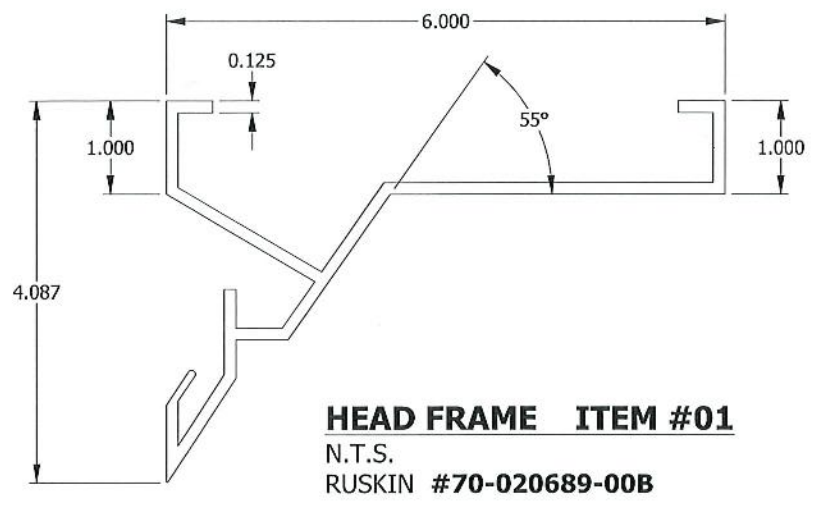
**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 23-1127.05  
Expiration Date 02/11/2025  
By *[Signature]*  
Miami-Dade Product Control

**TABLE 02 - DOUBLE CLIP ANGLE INSTALLATION SUBSTRATE FASTENER (ITEM 38) (BY OTHERS)**

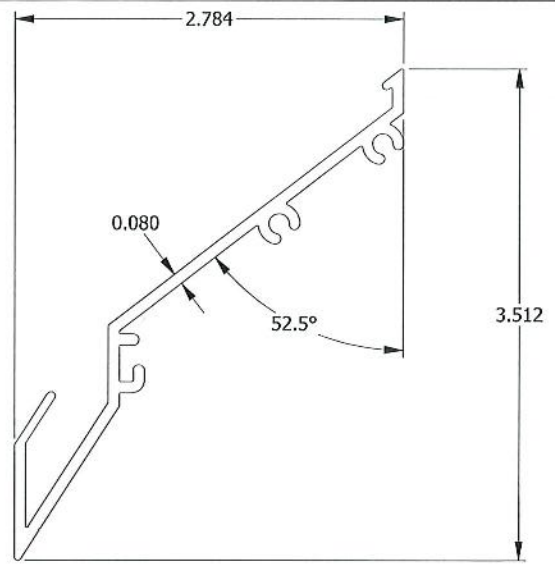
SUBSTRATE TYPE	MIN. SUBSTRATE REQUIREMENTS	FASTENER TYPE	MIN. EMBEDMENT	MIN. WALL DEPTH
CONCRETE	2500 PSI COMP. STRENGTH, UNCRACKED	3/8" DIA. DEWALT SCREW-BOLT + SCREW ANCHOR, CARBON STEEL	3 1/4"	5"
GROUT FILLED CMU	ASTM C-90 BLOCK, 1500 PSI GROUT COMP. STRENGTH	3/8" DIA. DEWALT SCREW-BOLT + SCREW ANCHOR, CARBON STEEL	3 1/4"	6" NOM. (5.625" ACT.)

E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
AUTHOR	ENK	8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030 PRODUCT ELC6375DXD - EXTRUDED COMBINATION LOUVER TITLE SUBSTRATE FASTENER TABLES SIZE B DWG NO 60-022114-00B REV E SCALE N.T.S. INVENTOR SHEET 11 OF 16			
CHECKED	DJR	11/15/2008				
APPROVED	DJR	11/15/2008				
MATERIAL	EXTRUDED ALUMINUM					

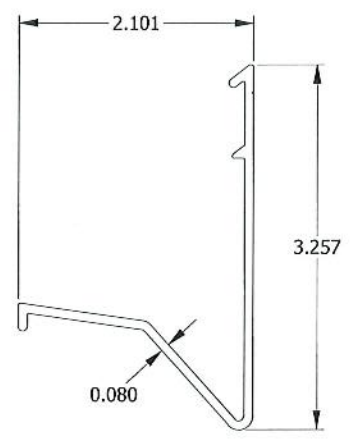




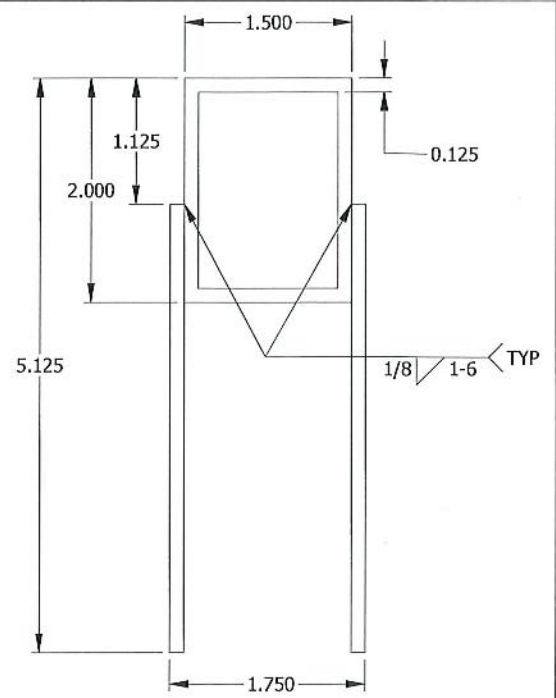
**HEAD FRAME ITEM #01**  
N.T.S.  
RUSKIN #70-020689-00B



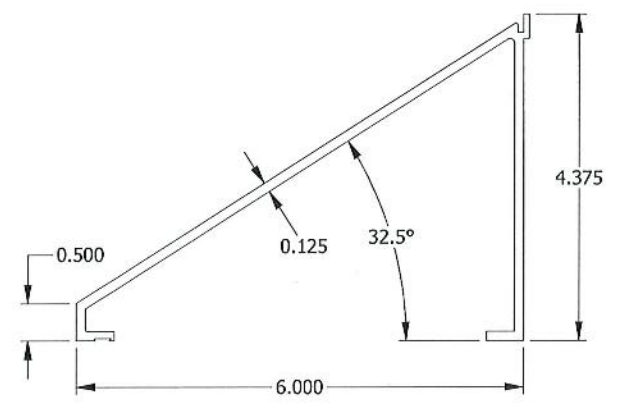
**DRAINABLE FIXED BLADE ITEM #04**  
N.T.S.  
RUSKIN #70-021718-00B



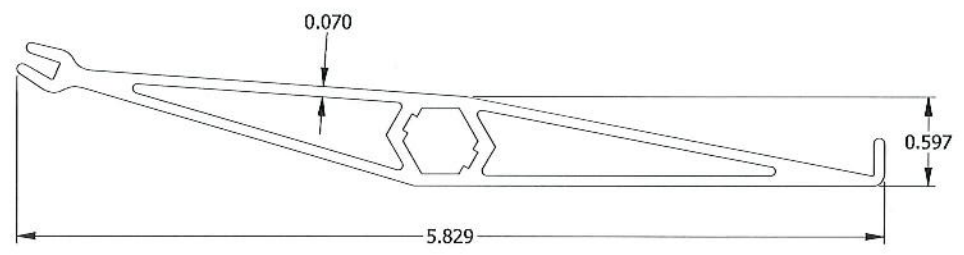
**BLADE BRACE ITEM #07**  
N.T.S.  
RUSKIN #70-021719-00B



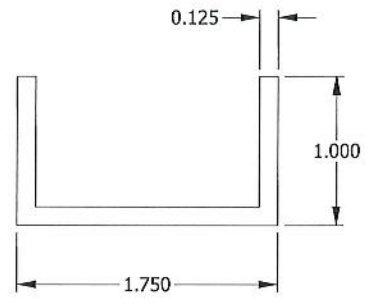
**MULLION SUPPORT ITEM #09**  
N.T.S.



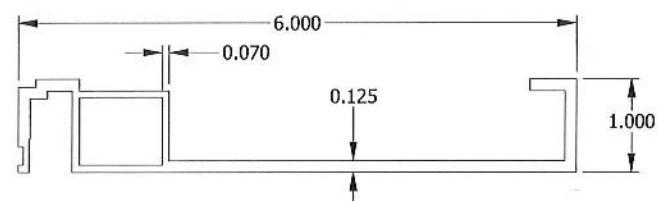
**SILL FRAME ITEM #02**  
N.T.S.  
RUSKIN #70-021130-00B



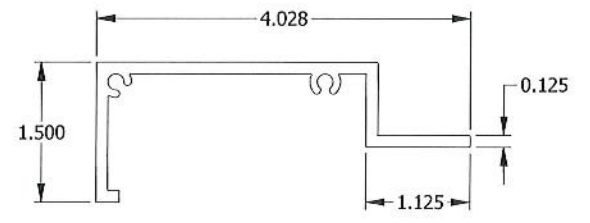
**ADJUSTABLE BLADE ITEM #05**  
N.T.S.  
RUSKIN #70-021027-00B



**MULLION SUPPORT CHANNEL ITEM #08**  
N.T.S.  
RUSKIN #70-021797-00B



**JAMB FRAME ITEM #03**  
N.T.S.  
RUSKIN #70-020691-00B



**HIDDEN MULLION ITEM #06**  
N.T.S.  
RUSKIN #70-021791-00B

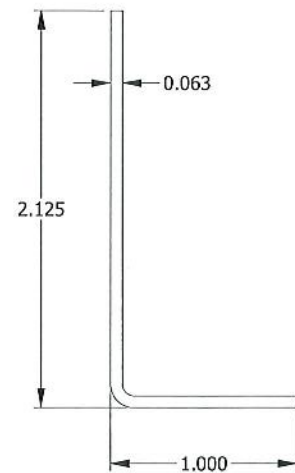


JEFFREY DEVON SMITH, P.E.  
NO. 91182

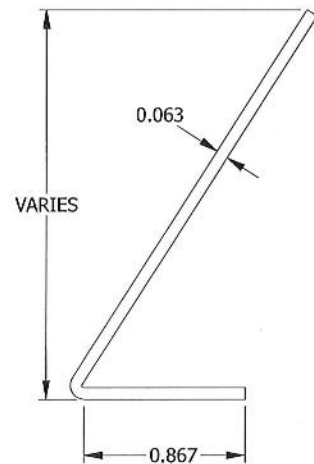
**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 23-1127.05  
Expiration Date 02/11/2025  
By *[Signature]*  
Miami-Dade Product Control

E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
AUTHOR	ENK	8/15/2008				
CHECKED	DJR	11/15/2008				
APPROVED	DJR	11/15/2008				
MATERIAL	EXTRUDED ALUMINUM	PRODUCT	ELC6375DXD - EXTRUDED COMBINATION LOUVER			
		TITLE	ELC6375DXD - PARTS			
		SIZE	DWG NO		REV	
		B	60-022114-00B		E	
ECN		SCALE	N.T.S.	INVENTOR	SHEET 12 OF 16	

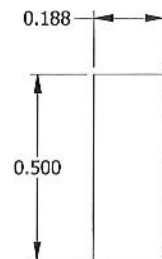
**RUSKIN Air & Sound Control**  
3900 Doctor Greaves Road, Grandview, MO 64030



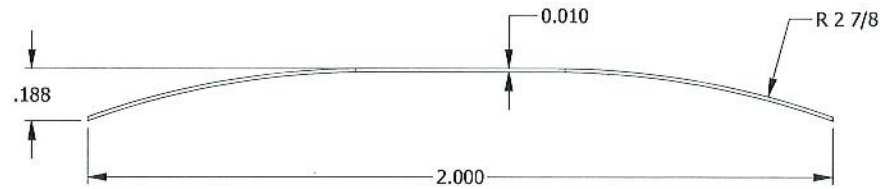
**TOP BLADE STOP ITEM #10**  
N.T.S.  
RUSKIN #70-007611-00B



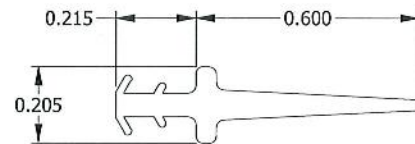
**BOTTOM BLADE STOP ITEM #11**  
N.T.S.  
RUSKIN #70-022225-00B



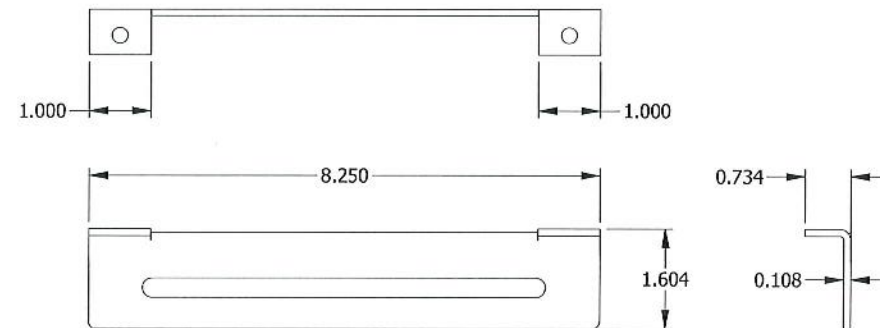
**BLADE STOP SEAL ITEM #12**  
N.T.S.  
RUSKIN #88-020135-00B



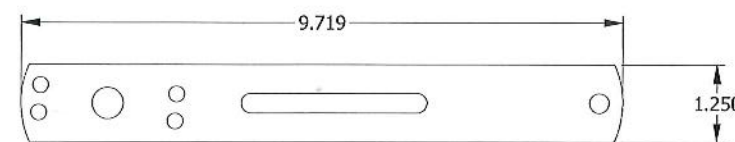
**JAMB SEAL ITEM #13**  
N.T.S.  
RUSKIN #80-020258-00B



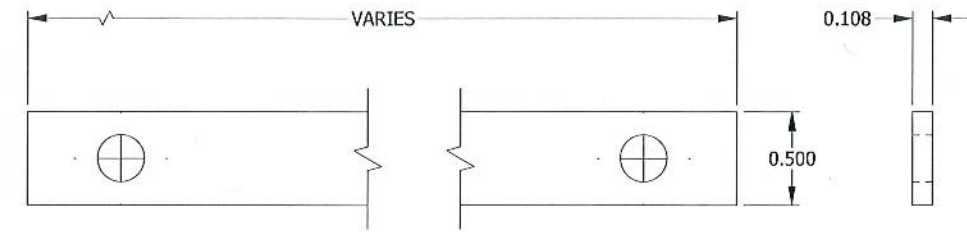
**BLADE SEAL ITEM #14**  
N.T.S.  
RUSKIN #80-015698-00B



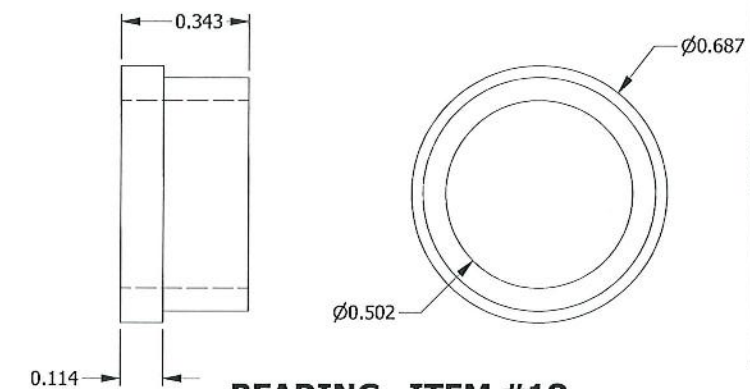
**HAND QUADRANT PLATE ITEM #15**  
N.T.S.  
RUSKIN #73-003023-01B



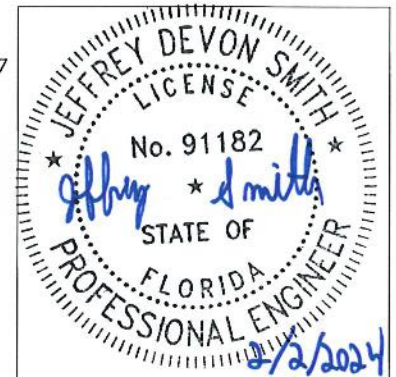
**HAND QUADRANT ARM ITEM #16**  
N.T.S.  
RUSKIN #73-003021-01B



**TIE-BAR ITEM #17**  
N.T.S.



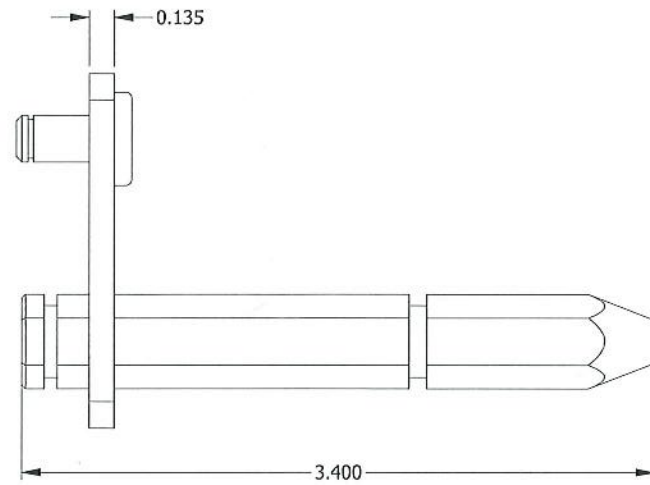
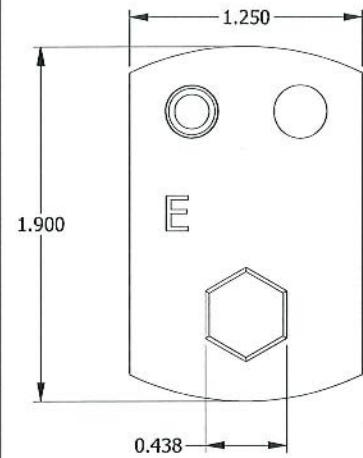
**BEARING ITEM #18**  
N.T.S.  
RUSKIN# 79-002082-03B



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NO. 91182

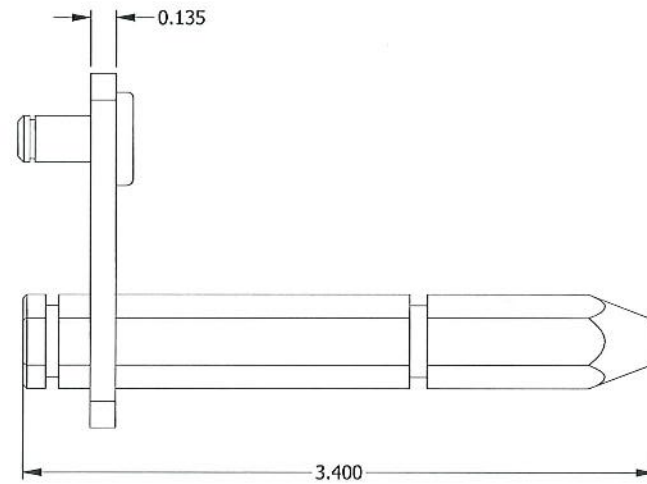
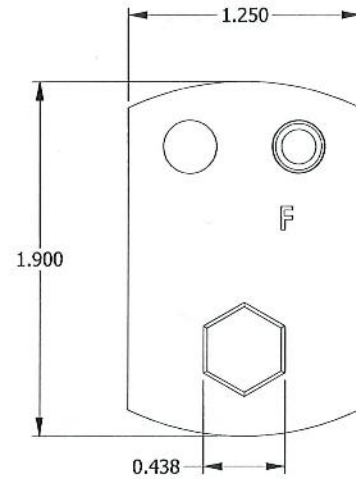
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1127.05  
Expiration Date 02/11/2025  
By *[Signature]*  
Miami-Dade Product Control

REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
AUTHOR	ENK	8/15/2008	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030			
CHECKED	DJR	11/15/2008				
APPROVED	DJR	11/15/2008				
MATERIAL	EXTRUDED ALUMINUM	PRODUCT	ELC6375DXD - EXTRUDED COMBINATION LOUVER			
		TITLE	ELC6375DXD - PARTS			
		SIZE	DWG NO	REV		
		B	60-022114-00B	E		
ECN		SCALE	INVENTOR	SHEET 13 OF 16		
		N.T.S.				



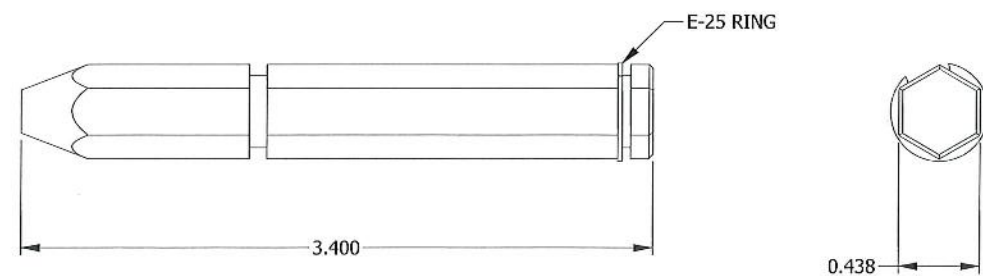
**E-SIDE LINKAGE CRANK ARM ASSEMBLY ITEM #19**

N.T.S.  
RUSKIN# 77-000854-01B



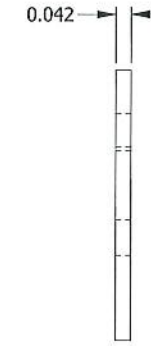
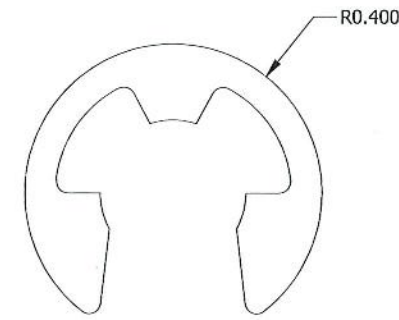
**F-SIDE LINKAGE CRANK ARM ASSEMBLY ITEM #20**

N.T.S.  
RUSKIN# 77-002008-01B



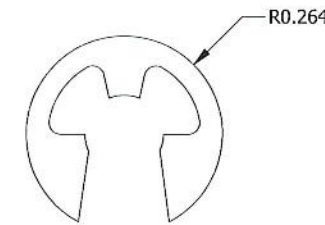
**IDLER DRIVE AXLE ITEM #21**

N.T.S.  
RUSKIN# 77-007686-00A



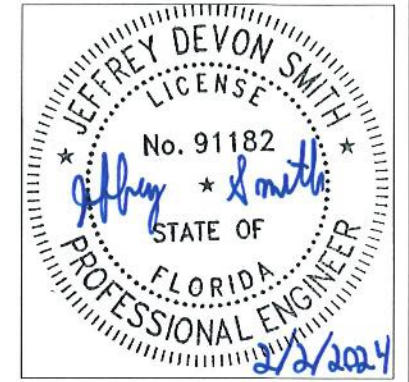
**RETAINING RING: TRUARC E-50 ITEM #22**

N.T.S.  
RUSKIN# 88-020103-01B



**RETAINING RING: TRUARC E-25 ITEM #23**

N.T.S.  
RUSKIN# 88-020099-01A

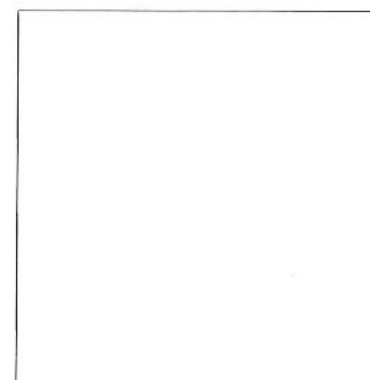


JEFFREY DEVON SMITH, P.E.  
NO. 91182

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1127.05

Expiration Date 02/11/2025

By *[Signature]*  
Miami-Dade Product Control

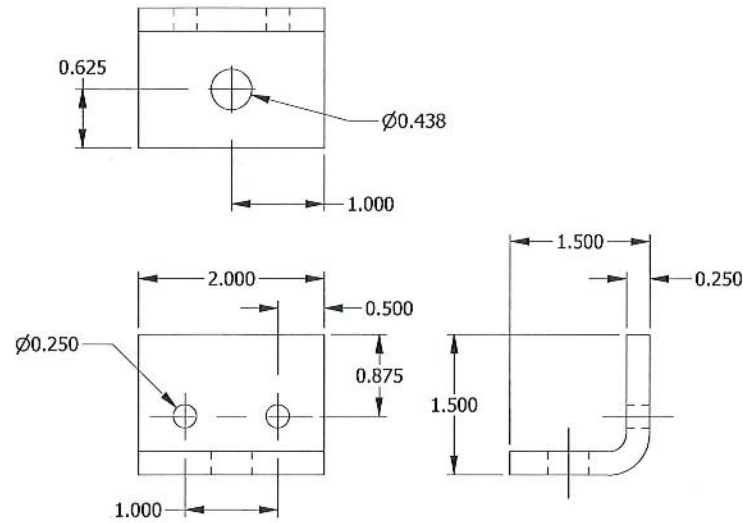


JEFFREY DEVON SMITH, P.E.  
NO. 91182

REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
AUTHOR	ENK					
CHECKED	DJR	11/15/2008				
APPROVED	DJR	11/15/2008				
MATERIAL	EXTRUDED ALUMINUM					
PRODUCT	ELC6375DXD - EXTRUDED COMBINATION LOUVER					
TITLE	ELC6375DXD - PARTS					
SIZE	B	DWG NO	60-022114-00B		REV	E
SCALE	N.T.S.	INVENTOR	SHEET 14 OF 16			

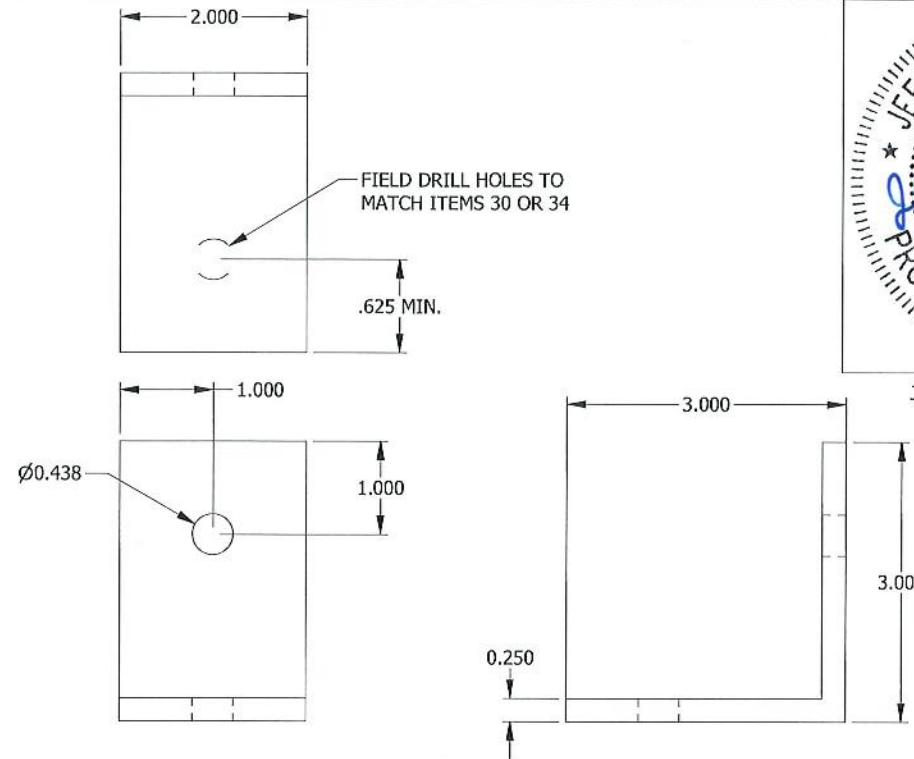
**RUSKIN Air & Sound Control**

3900 Doctor Greaves Road, Grandview, MO 64030



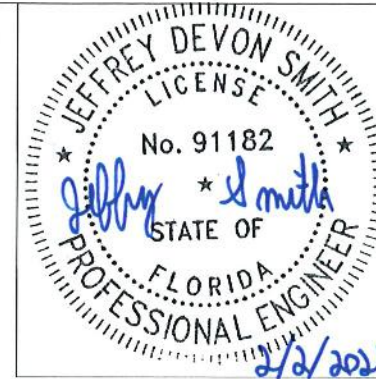
**FORMED CLIP ANGLE, 2" LG ITEM #30**

N.T.S.  
RUSKIN# 85-021593-00B

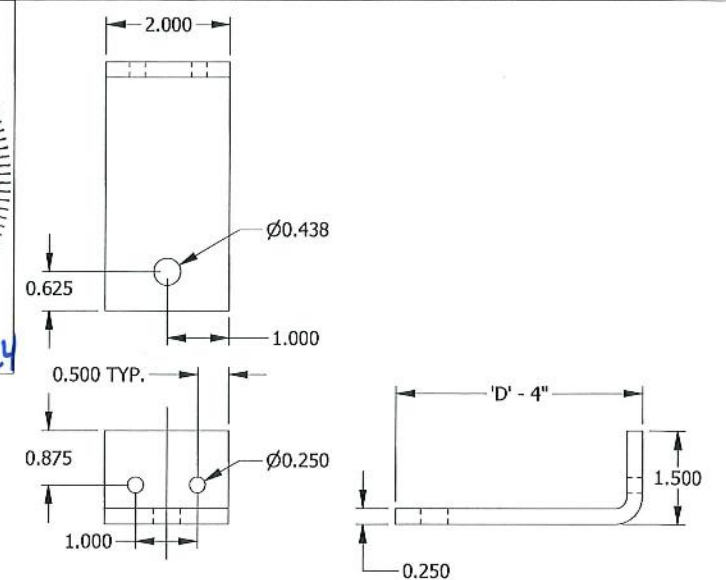


**ALTERNATE ATTACHMENT ANGLE, 2" LG ITEM #32**

N.T.S.



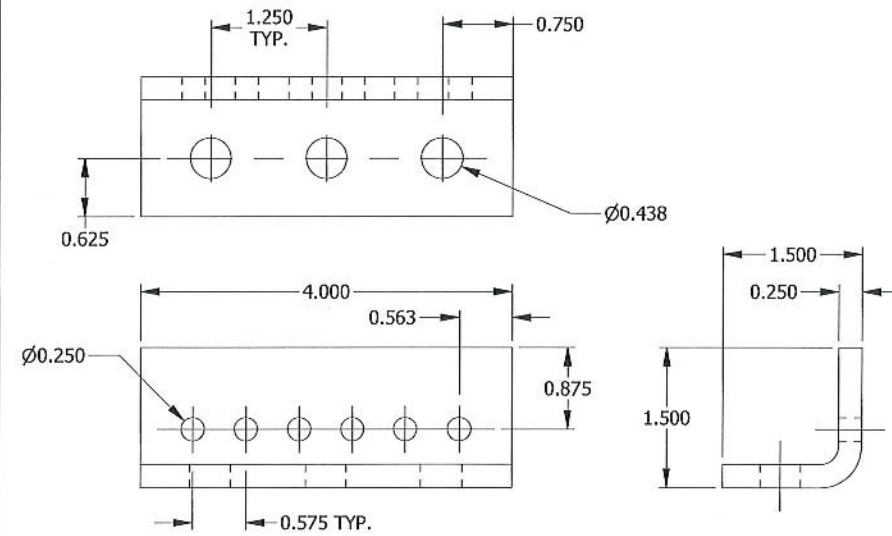
JEFFREY DEVON SMITH, P.E.  
NO. 91182



**ALTERNATE FORMED CLIP ANGLE, 2" LG ITEM #34**

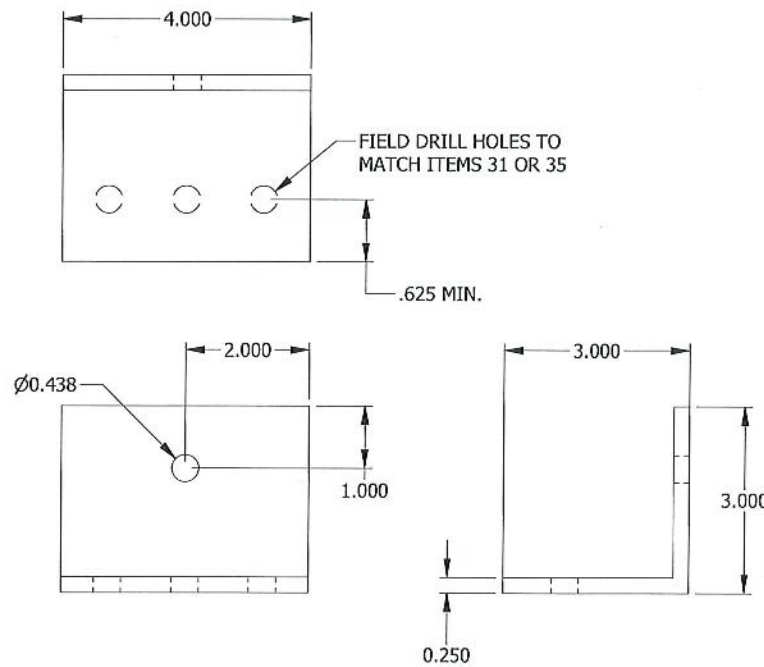
N.T.S.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 23-1127.05  
Expiration Date 02/11/2025  
By *[Signature]*  
Miami-Dade Product Control



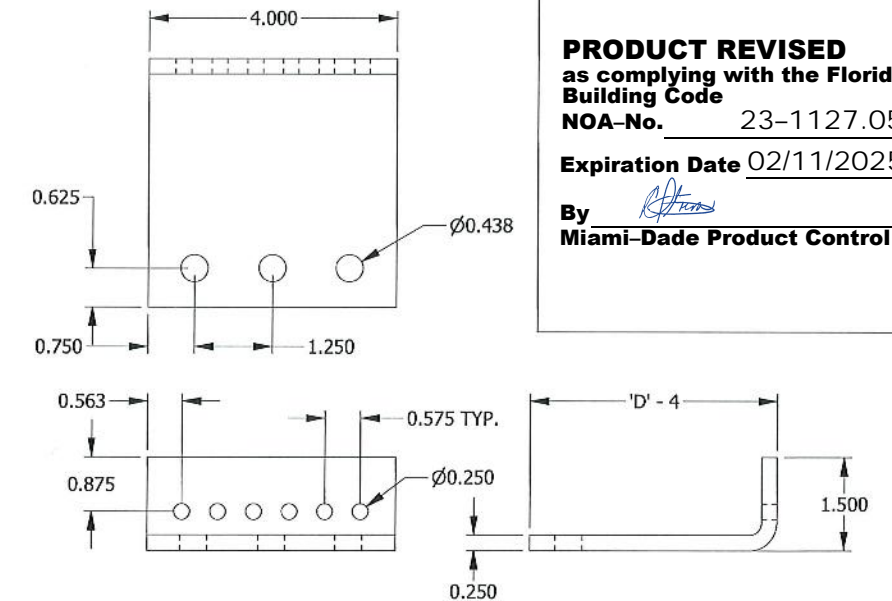
**FORMED CLIP ANGLE, 4" LG ITEM #31**

N.T.S.  
RUSKIN# 85-021594-00B



**ALTERNATE ATTACHMENT ANGLE, 4" LG ITEM #33**

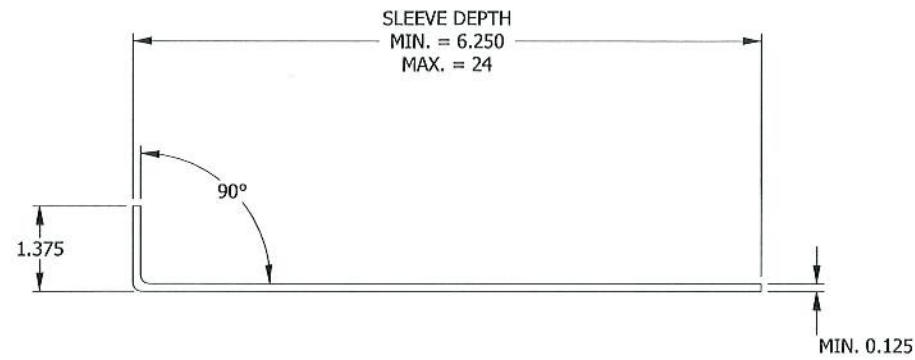
N.T.S.



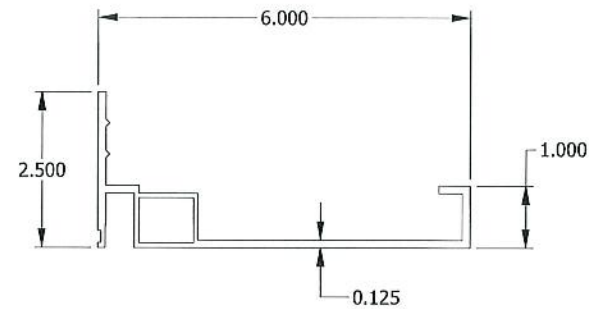
**ALTERNATE FORMED CLIP ANGLE, 4" LG ITEM #35**

N.T.S.

REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE	
E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18	
AUTHOR	ENK	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030 PRODUCT ELC6375DXD - EXTRUDED COMBINATION LOUVER TITLE ELC6375DXD - PARTS					
CHECKED	DJR						11/15/2008
APPROVED	DJR						11/15/2008
MATERIAL	EXTRUDED ALUMINUM	SIZE	B	DWG NO	60-022114-00B	REV	
ECN		SCALE	N.T.S.	INVENTOR		E	
				SHEET	15	OF 16	



**FRONT FLANGE UNIVERSAL SLEEVE ITEM #40**  
N.T.S.

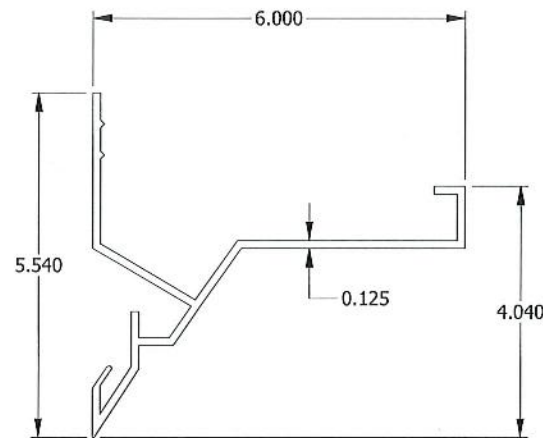


**JAMB FRAME W/ INTEGRAL FLANGE ITEM #43**  
N.T.S.  
RUSKIN #70-020840-00B

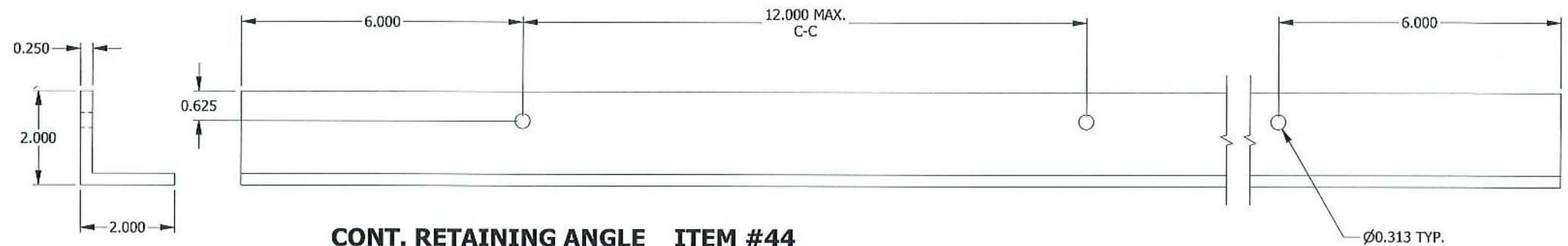
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 23-1127.05  
Expiration Date 02/11/2025  
By *[Signature]*  
Miami-Dade Product Control



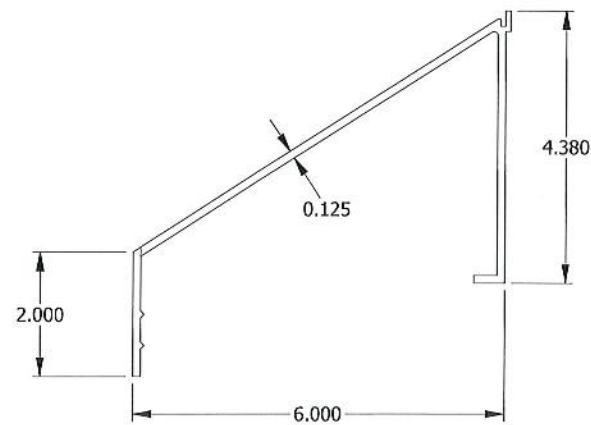
JEFFREY DEVON SMITH, P.E.  
NO. 91182



**HEAD FRAME W/ INTEGRAL FLANGE ITEM #41**  
N.T.S.  
RUSKIN #70-020838-00B



**CONT. RETAINING ANGLE ITEM #44**  
N.T.S.



**SILL FRAME W/ INTEGRAL FLANGE ITEM #42**  
N.T.S.  
RUSKIN #70-021129-00B

E	REV'D ENGINEER OF RECORD, UPDATED INFO.	NS	MMM	MMM	7016	10/24/18
REV	DESCRIPTION	BY	CHK	APVD	ECN	DATE
AUTHOR	ENK	<b>RUSKIN Air &amp; Sound Control</b> 3900 Doctor Greaves Road, Grandview, MO 64030				
CHECKED	DJR 11/15/2008					
APPROVED	DJR 11/15/2008					
MATERIAL	EXTRUDED ALUMINUM	PRODUCT	ELC6375DXD - EXTRUDED COMBINATION LOUVER			
		TITLE	ELC6375DXD - PARTS			
		SIZE	DWG NO	REV		
		B	60-022114-00B	E		
ECN		SCALE	N.T.S.	INVENTOR	SHEET 16 OF 16	