



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
 (305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 Combination Louver

APPROVAL DOCUMENT: Drawing No. **60-022114-00B to 08B**, titled "ELC6375DXD - Combination Louver - Specs Notes and Details", dated 11/15/08, prepared by Ruskin Company, signed and sealed by Daniel J. Rau, P.E., 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 Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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.**



Handwritten signature and date
 3/3/09

NOA No. 08-1211.05
Expiration Date: February 11, 2014
Approval Date: February 11, 2009
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **60-022014-00B to 08B**, titled "ELC6375DXD - Combination Louver - Specs Notes and Details", dated 11/15/08, prepared by Ruskin Company, signed and sealed by Daniel J. Rau, P.E.

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 Model ELC6375DXD Combination Louver, prepared by National Certified Testing Laboratories, Test Report No. **210-3550-1**, dated 10/27/08, signed and sealed by Gerard J. Ferrara, P.E.

C. CALCULATIONS

1. Wind load bending and anchoring calculations, dated 11/14/08, pages 1 to 23 of 23, prepared by Ruskin Company, signed and sealed by Daniel J. Rau, P.E.

D. QUALITY ASSURANCE

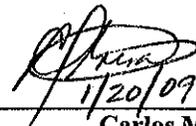
1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Letter of Code Compliance issued by Ruskin Company, dated 11/17/08, signed by Daniel J. Rau, P.E.
2. No financial interest letter issued by Ruskin Company, dated 11/17/08, signed and sealed by Daniel J. Rau, P.E.
3. Test code compliance letter issued by National Certified Testing Laboratories, dated 11/24/08, signed and sealed by Gerard J. Ferrara, P.E.



Handwritten signature of Carlos M. Utrera, dated 1/20/09.

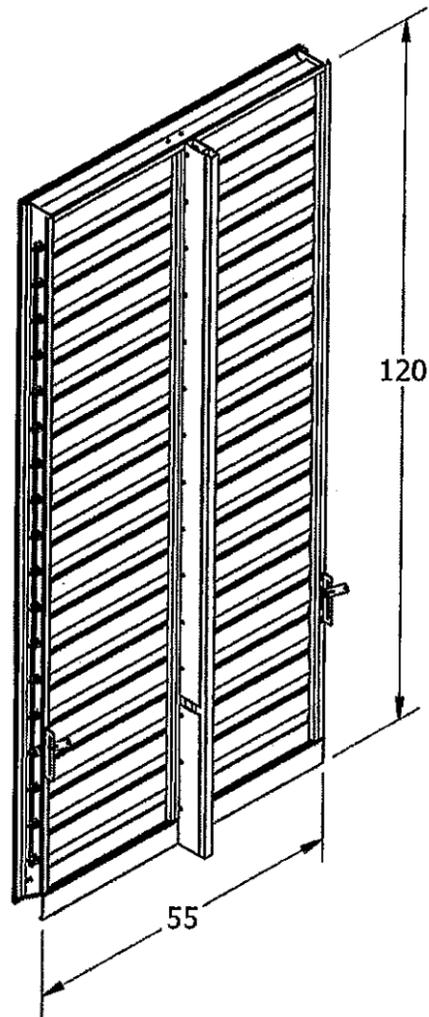
Carlos M. Utrera, P.E.

Product Control Examiner

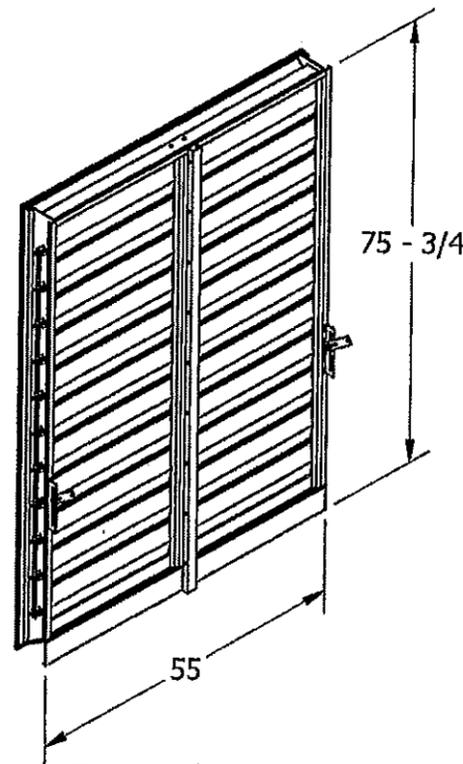
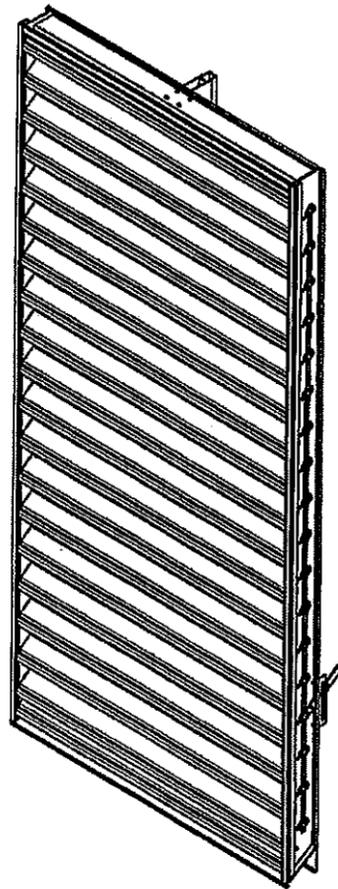
NOA No. 08-1211.05

Expiration Date: February 11, 2014

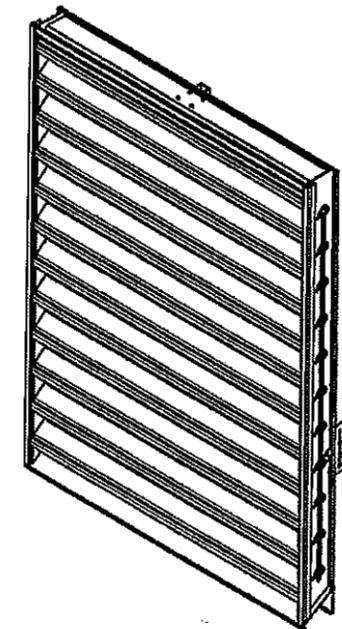
Approval Date: February 11, 2009



Typical Assembly Section - Ref. Dwg. -04B



Typical Assembly Section - Ref. Dwg. -03B



NOTES:

1. Dimensions Shown Are Actual Size.

2. Louver Is Designed For Windload Of ± 110 PSF.

3. Abbreviations:

4. Sealing Requirements Around Louver Shall Comply With Provisions Of Chapter 15 Of Florida Building Code.

5. Detail Balloon Description: Detail No. 1
Dwg. No. Detail Is Referenced On. 52D

6. Mill Finish Is Standard. Painted And Anodized Finishes Are Also Available.

A 7. Maximum Single Section Size Is 55" x 120", Maximum Field Assembled Size Is Unlimited Width x 120" tall. Units May Be Constructed In Smaller Sizes. Minimum Outside Dimensions Are 12" x 12".

8. Ruskin Does Not Install ELC6375DXD Louver. Proper Louver Installation Per Approved Installation Details Is The Responsibility Of The Installation Contractor.

9. Ref Dwgs -01B Thru -04B For Details, -05B And -07B For Parts And -08B For Parts List.

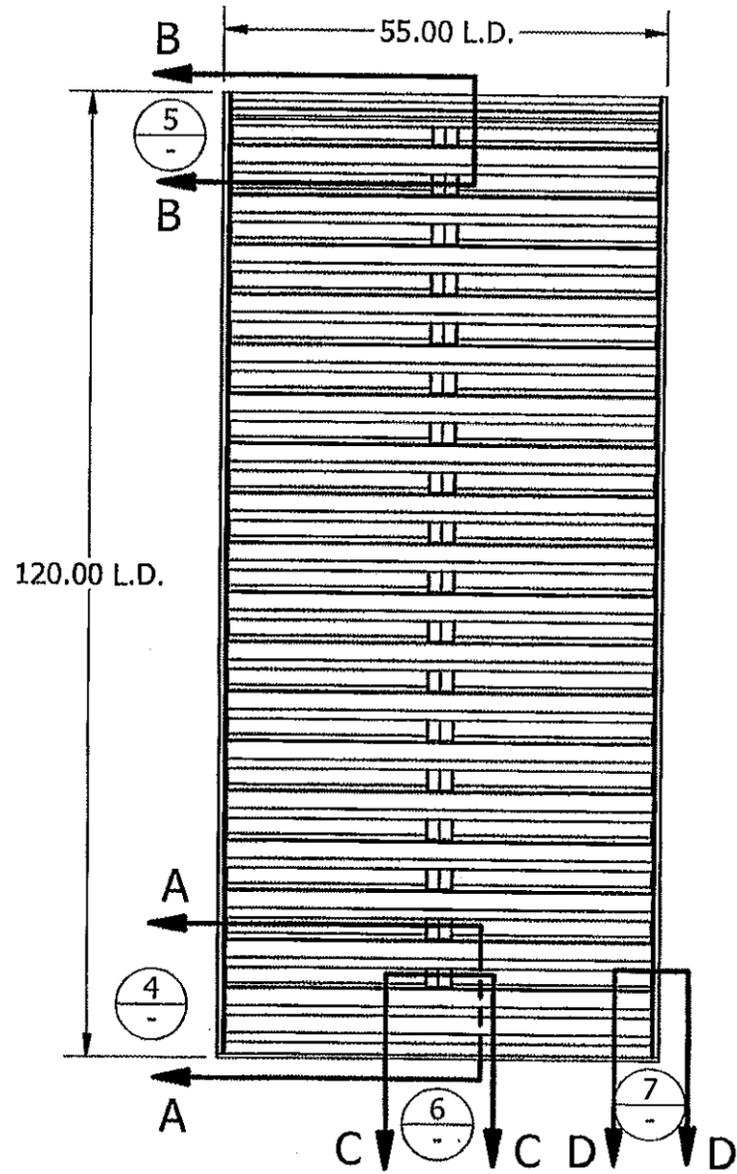
10. This System Is To Be Installed In A Location Where The Room Inside The System Is Designed To Drain Water Penetrating Into The Room And The Room Will House Water Resistant/Water Proof Equipment, Components Or Supplies.

FOR OFFICE USE ONLY

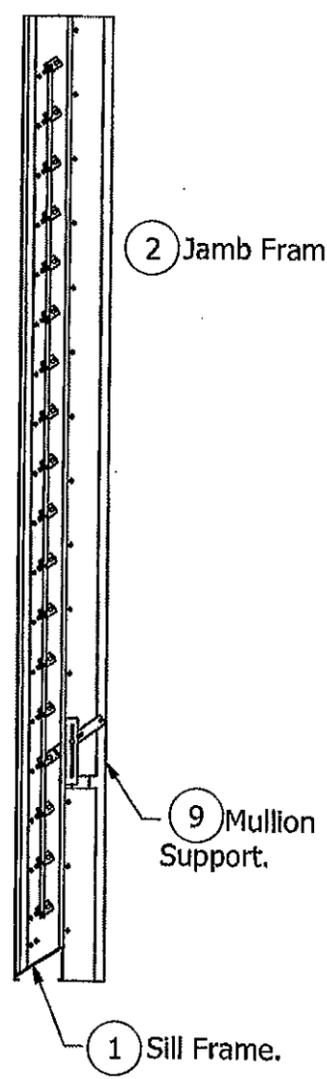
Approved as complying with the Florida Building Code
Date 02/11/2009
NOA# 08-7211.05
Miami Dade Product Control Division
By *[Signature]*

Engineer Of Record: Daniel J. Rau
Engineering Discipline: Civil Engineering
State Of Florida #63636

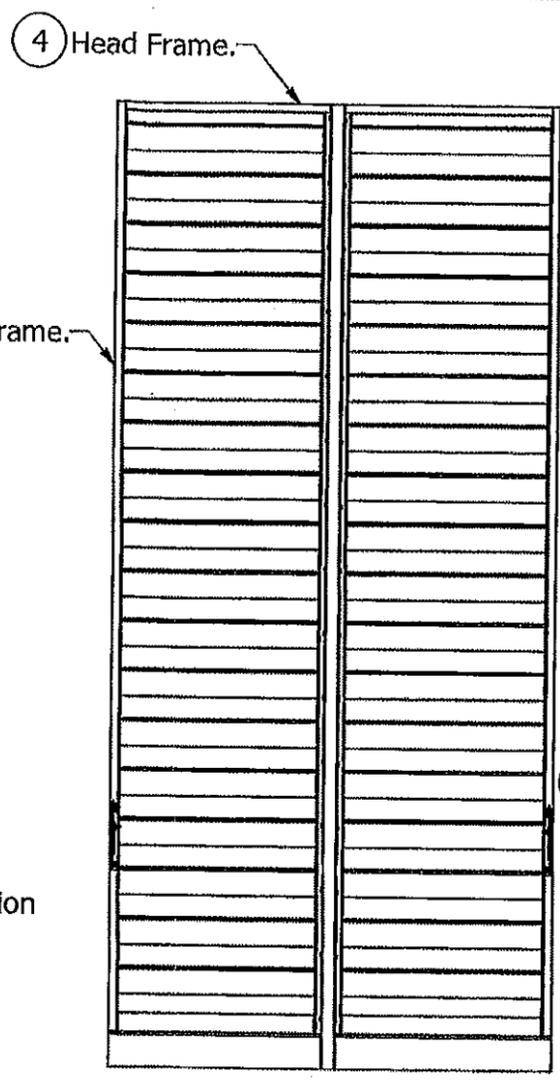
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APPROVED	DJR	11/15/08				
MATERIAL	<i>[Signature]</i>		PRODUCT			
ECN			TITLE ELC6375DXD - Combination Louver - Specs Notes And Details			
			SIZE B	DWG NO 60-022114-00B		REV
			SCALE	INVENTOR		SHEET 1 OF 9



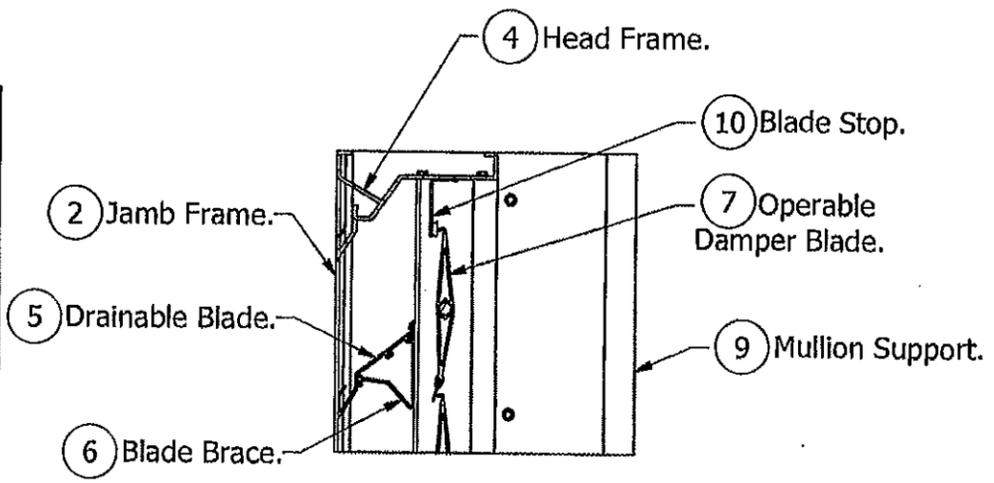
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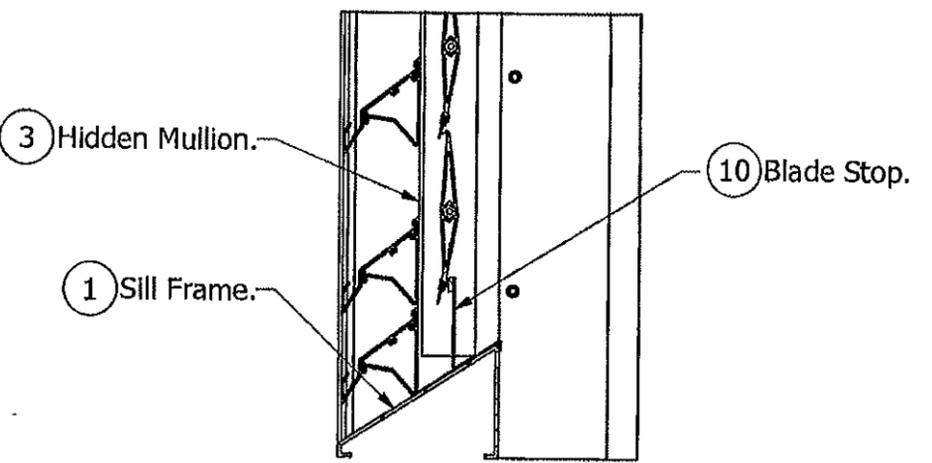
1 Side Elevation



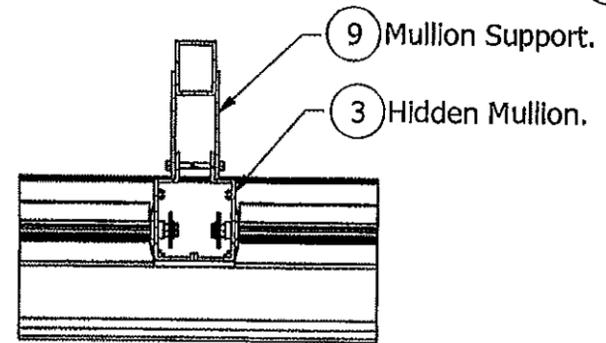
3 Rear Elevation



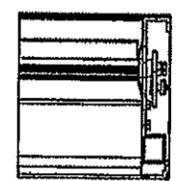
5/01B SECTION B-B



4/01B SECTION A-A



6/01B SECTION C-C



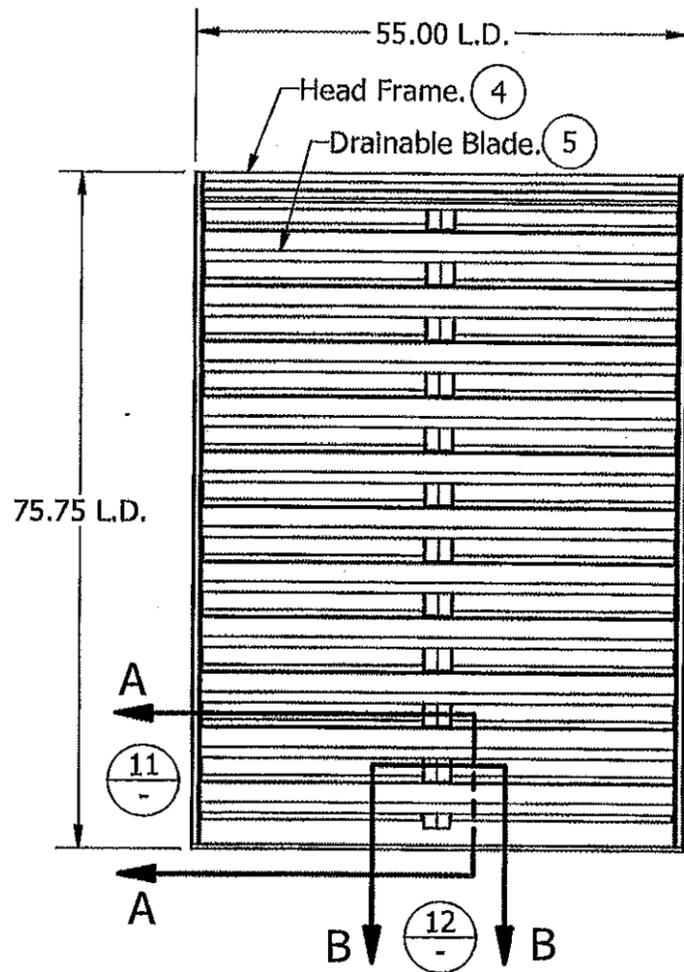
7/01B SECTION D-D

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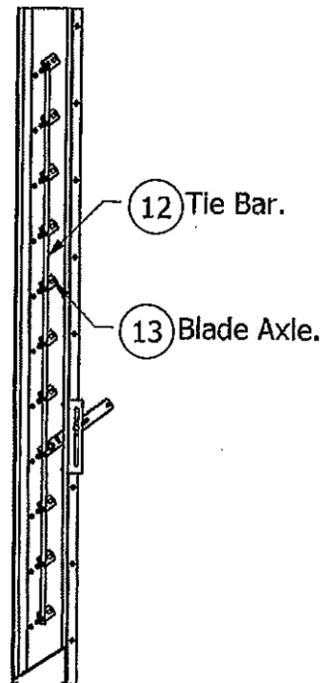
Approved as complying with the Florida Building Code
 Date 02/11/2009
 NOAH 08-12-11-05
 Miami Dade Product Control Division
 By *[Signature]*

Engineer Of Record:
 Daniel J. Rau
 Engineering Discipline:
 Civil Engineering
 State Of Florida #63636

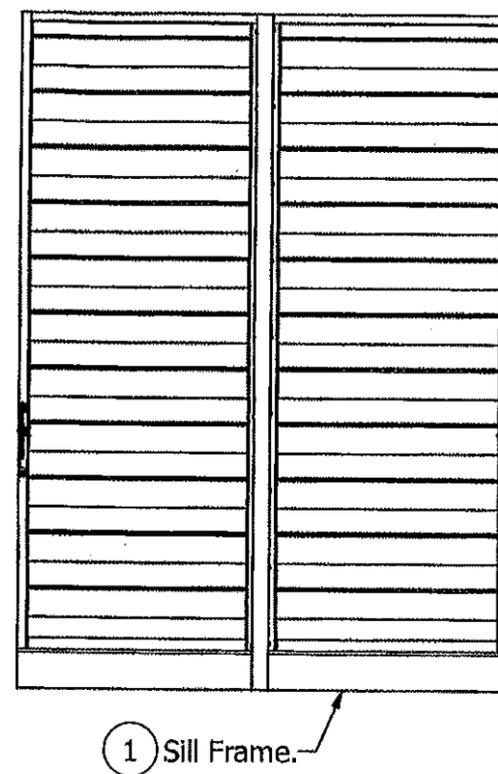
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MATERIAL	<i>[Signature]</i> 11/15/2008					
RUSKIN Air & Sound Control 3900 Doctor Greaves Road, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL			PRODUCT TITLE ELC6375DXD - Combination Louver - Specs Notes And Details			
SIZE	B	DWG NO	60-022114-01B		REV	
SCALE		INVENTOR	SHEET 2 OF 9			



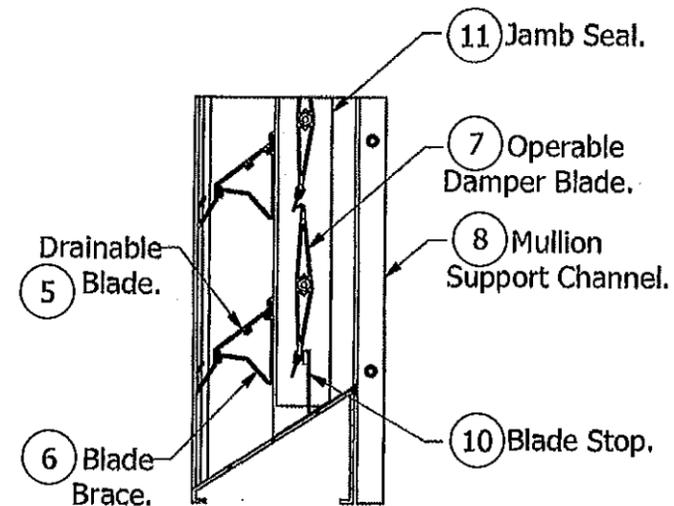
9 Front Elevation



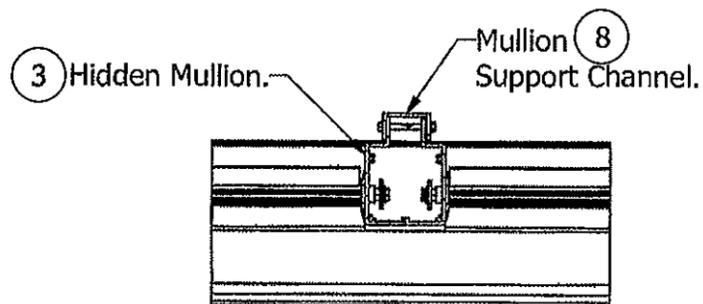
8 Side Elevation



10 Rear Elevation



11 SECTION A-A



12 SECTION B-B

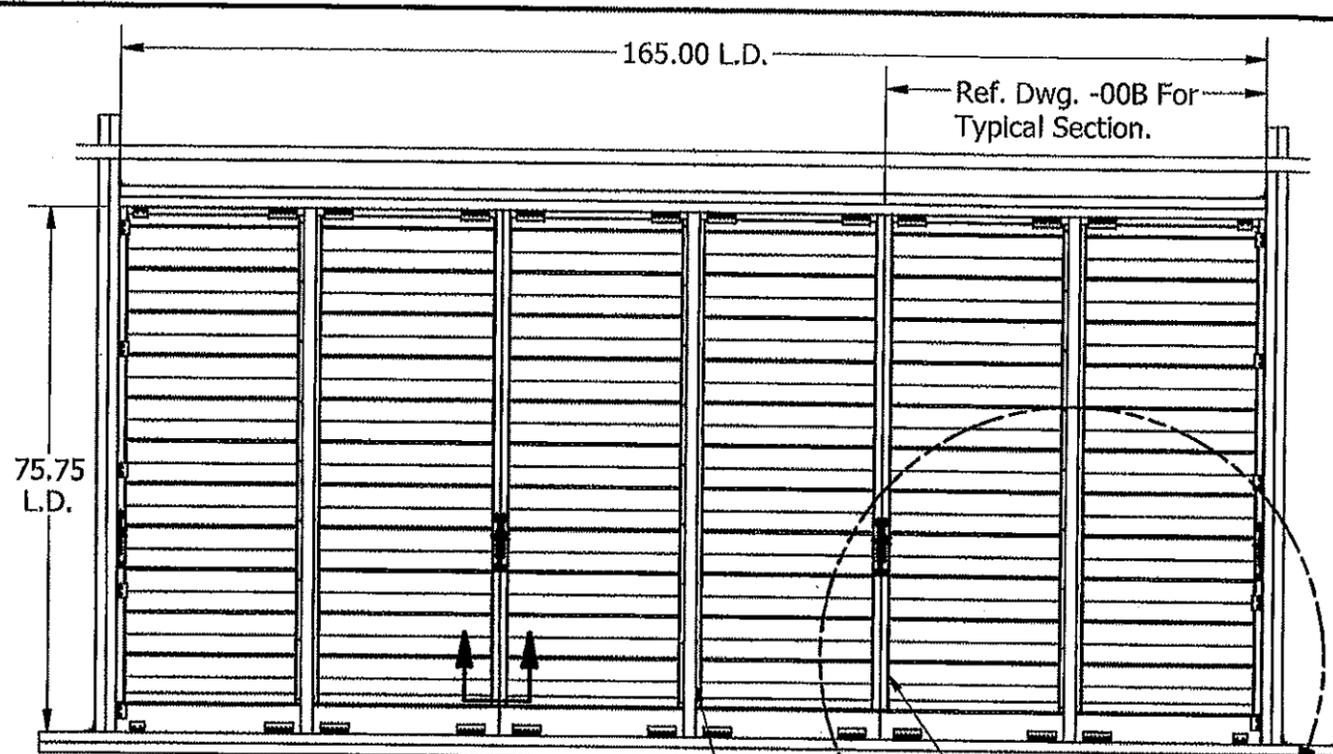
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NOA# 08-1211.05
Miami Dade Product Control
Division
By *[Signature]*

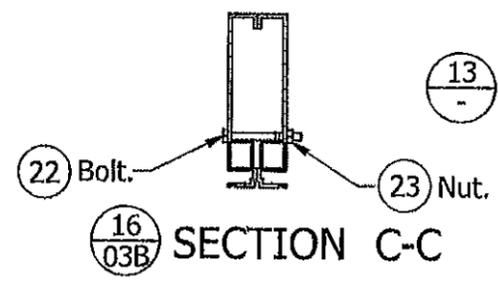
[Signature]
11/15/2008

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Engineering Discipline:
Civil Engineering
State Of Florida #63636

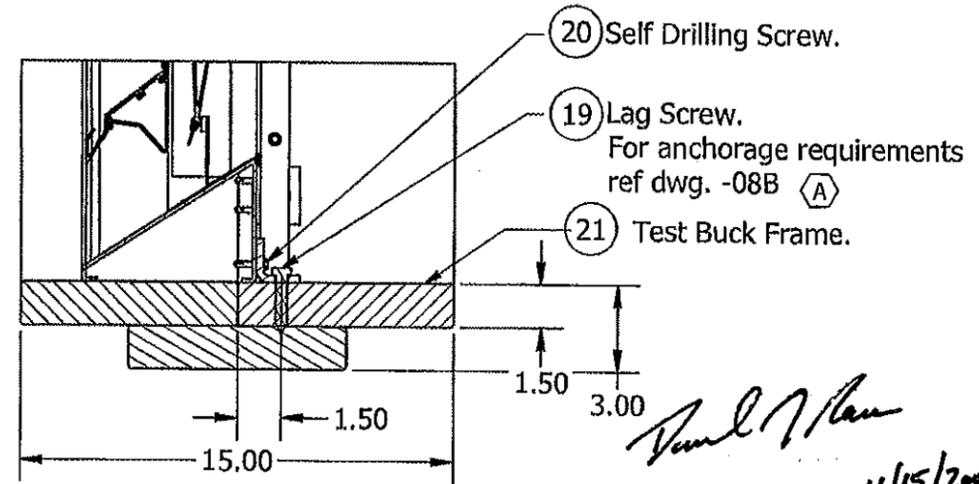
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CHECKED	DJR	11/15/08				
APPROVED	DJR	11/15/08				
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TITLE ELC6375DXD - Combination Louver - Specs Notes And Details						
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ECN		SCALE	INVENTOR		SHEET 3 OF 9	



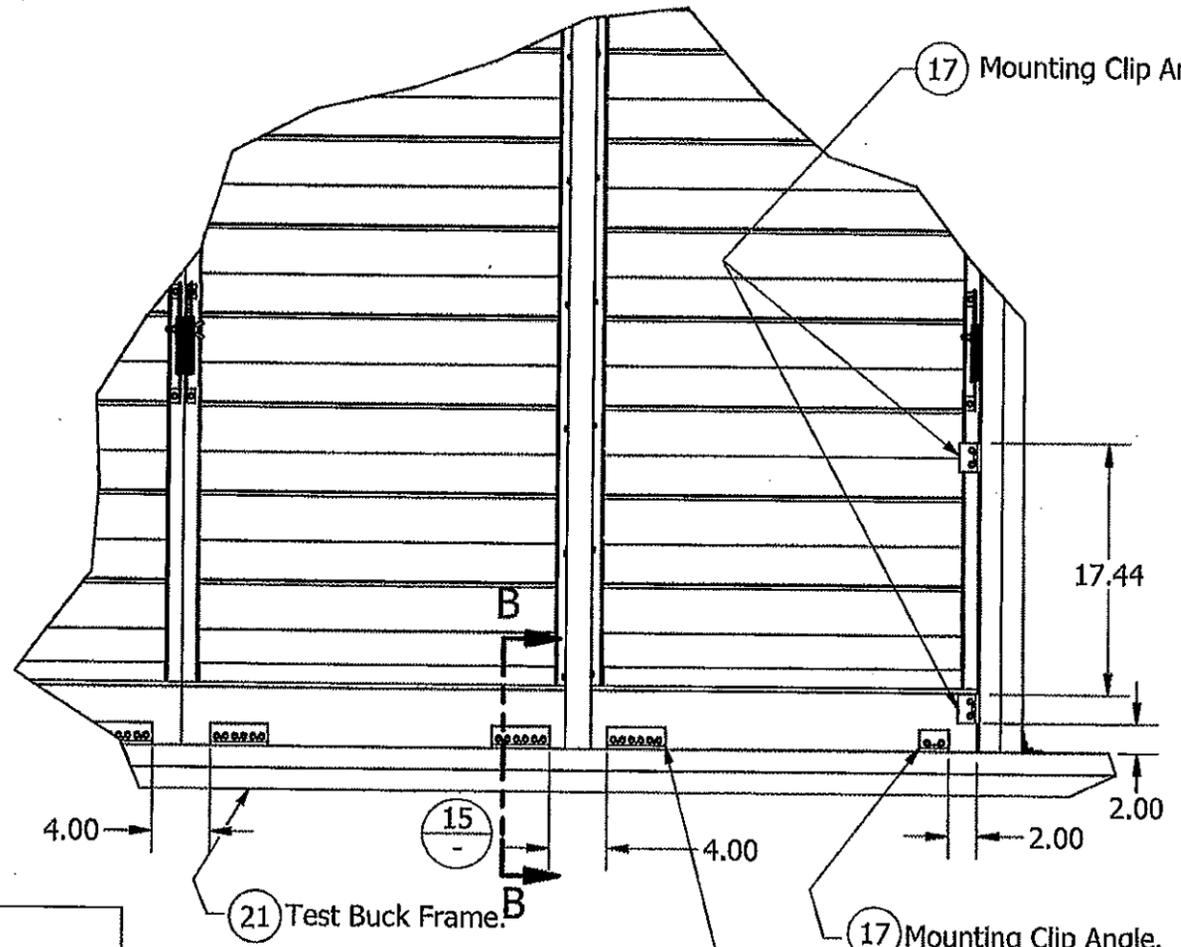
13 Rear Elevation



16 03B SECTION C-C



15 03B SECTION B-B



14 03B DETAIL A

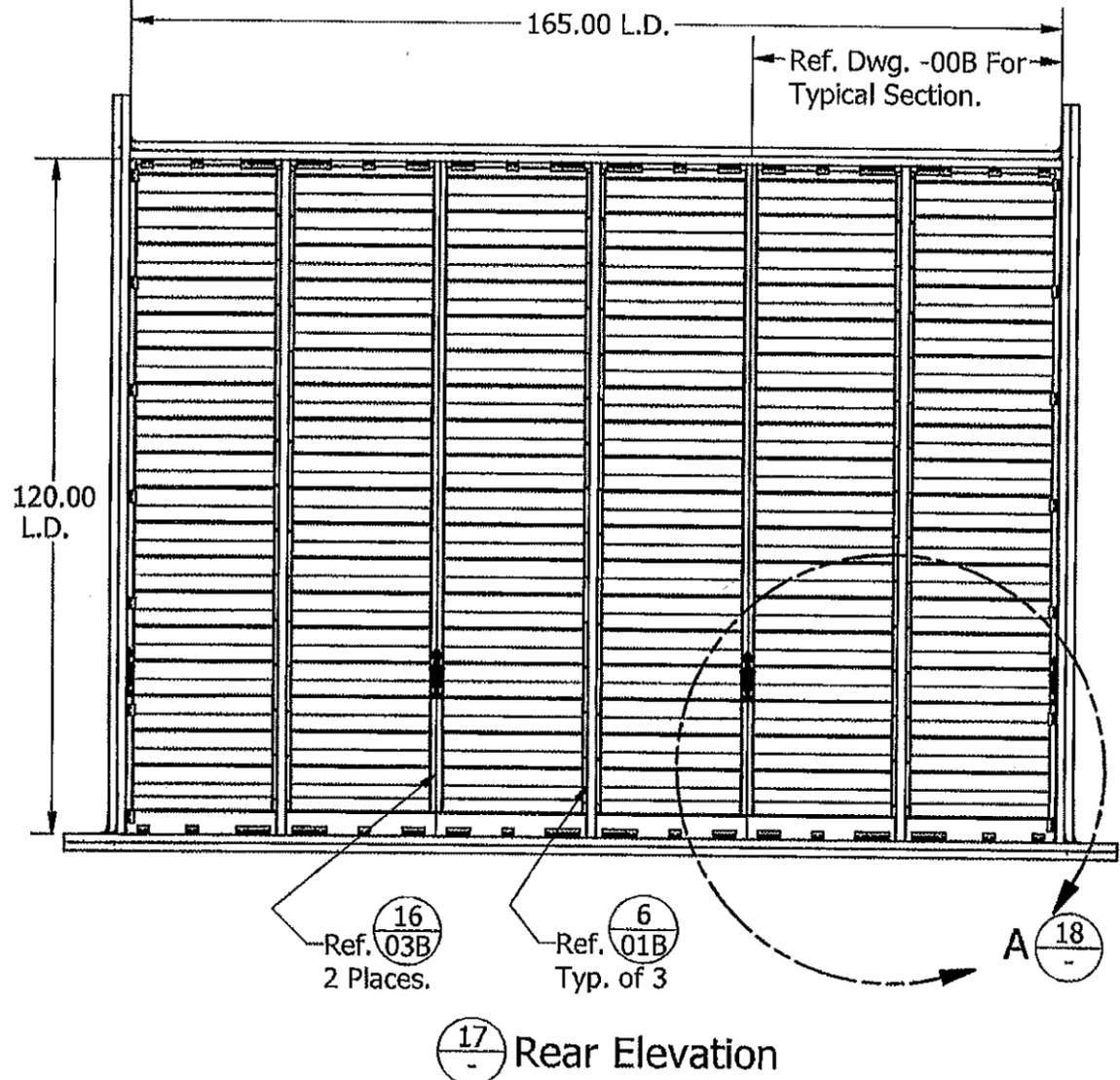
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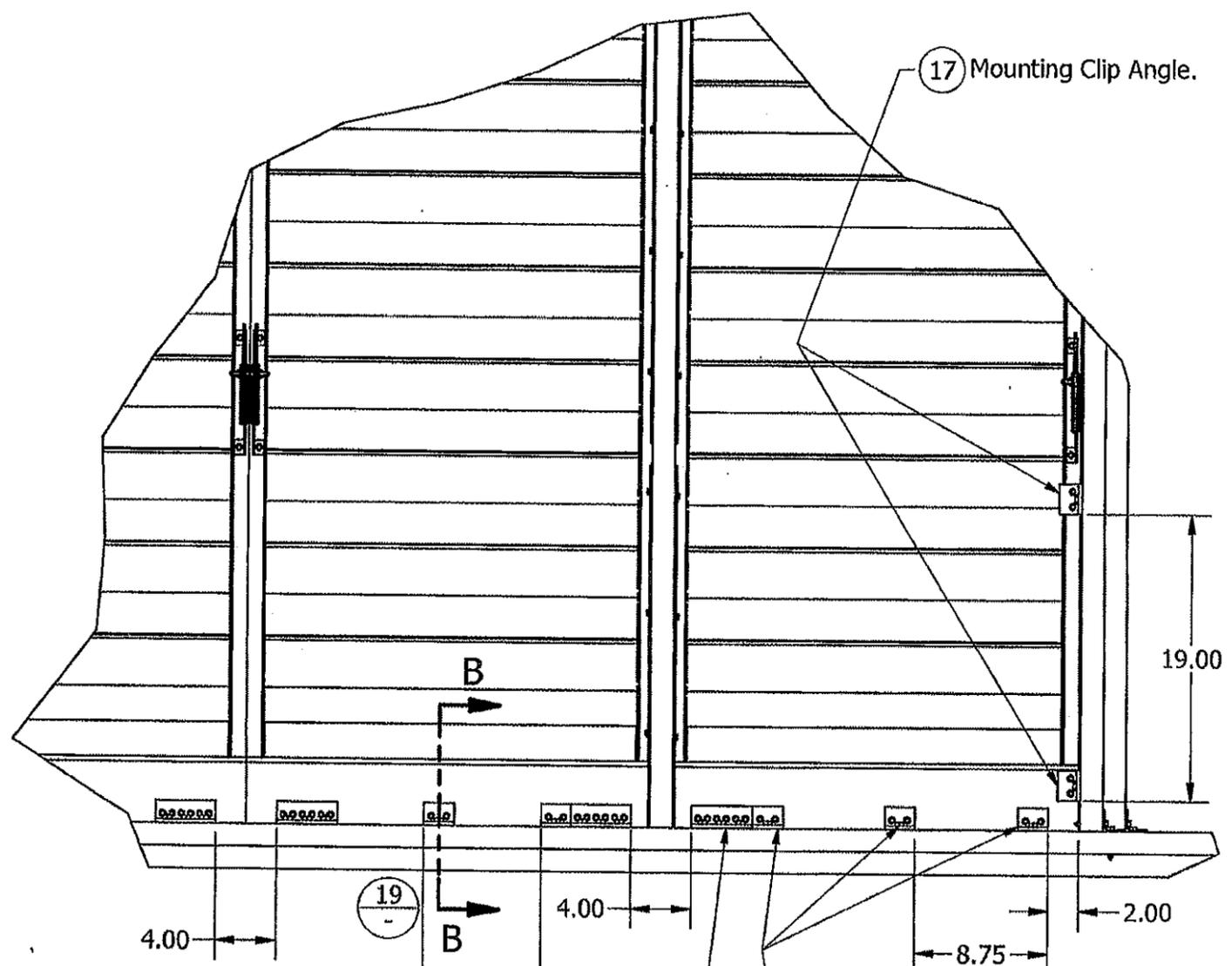
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 State Of Florida #63636

Daniel J. Rau
 11/15/2008

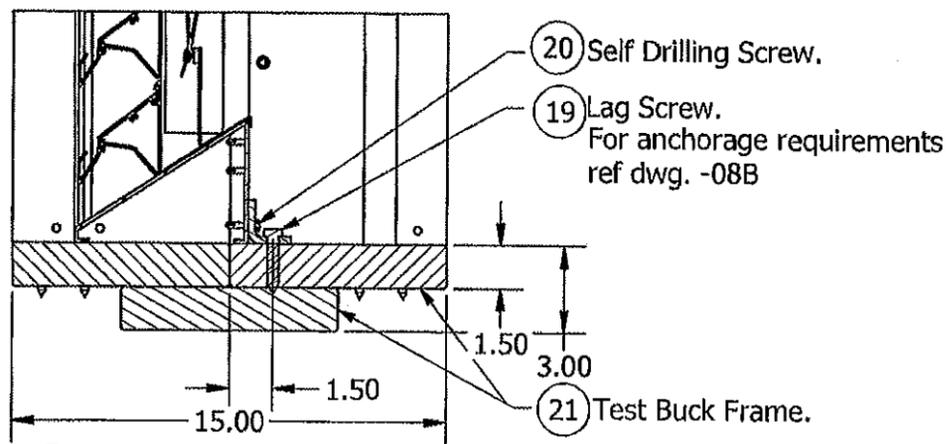
A	Det. 5 fastener ref.	VMA	DWS	DJR	11/5/08
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CHECKED	DJR	11/15/08			
APPROVED	DJR	11/15/08			
MATERIAL	PRODUCT				
TITLE ELC6375DXD - Combination Louver - Specs Notes And Details					
SIZE	B	DWG NO	60-022114-03B		REV
ECN		SCALE	INVENTOR	SHEET 4 OF 9	



(17) Rear Elevation



(18) 04B DETAIL A



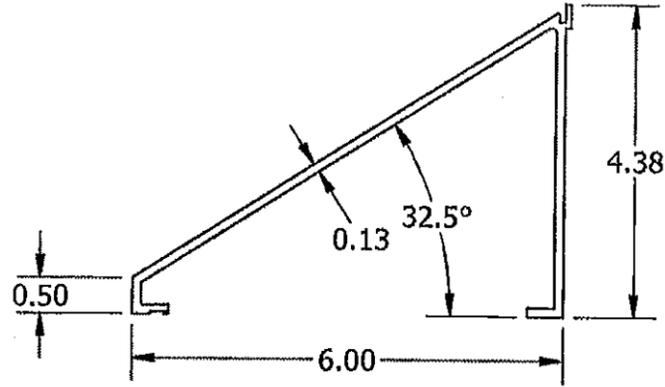
(19) 04B SECTION B-B

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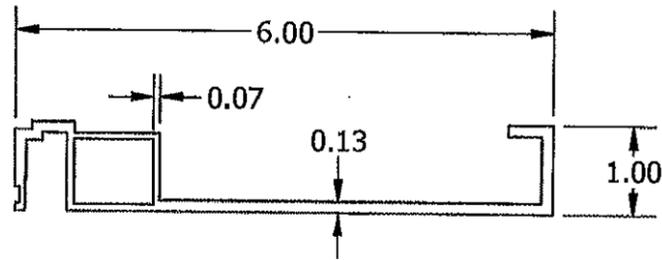
Approved as complying with the
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Date: 02/11/2009
NO. 08-1211.05
Miami Dade Product Control
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By: *[Signature]*

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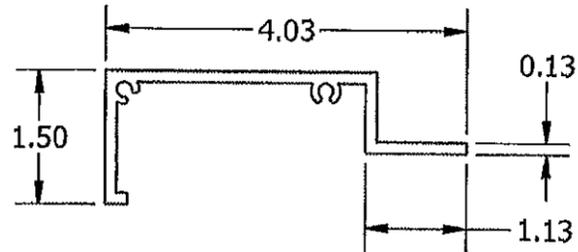
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CHECKED	DJR	11/15/08			
APPROVED	DJR	11/15/08			
MATERIAL	<i>[Signature]</i> 11/15/08		PRODUCT	TITLE ELC6375DXD - Combination Louver - Specs Notes And Details	
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			INVENTOR	SHEET 5 OF 9	



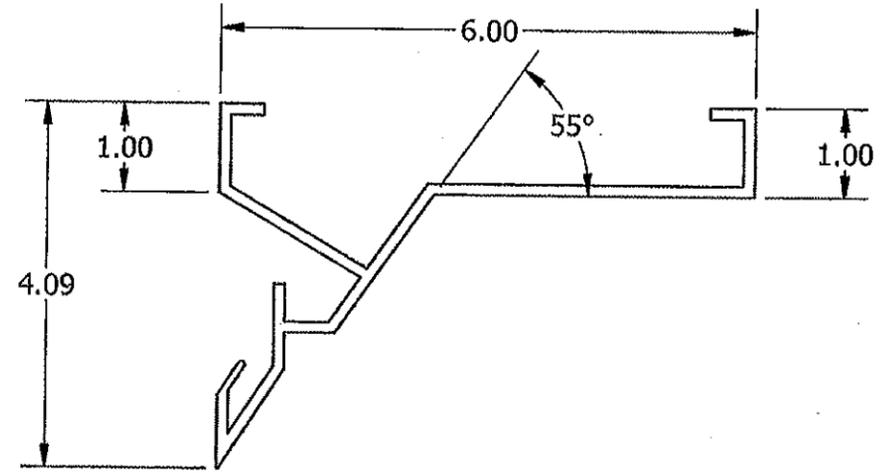
Item 1 - Aluminum Sill - Plant Ref. 70-021130-00B



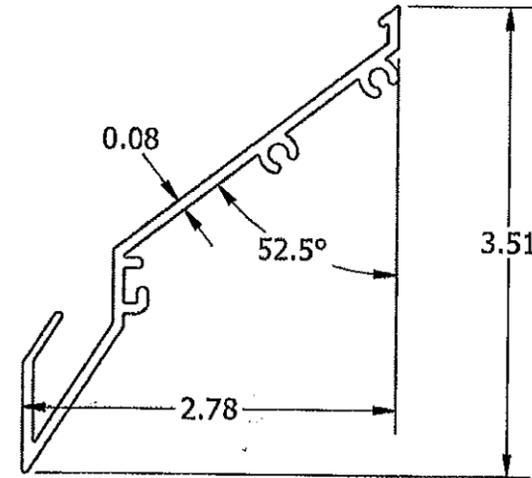
Item 2 - Aluminum Jamb - Plant Ref. 70-020691-00B



Item 3 - Aluminum Hidden Mullion - Plant Ref. 70-021791-00B



Item 4 - Aluminum Head Frame - Plant Ref. 70-020689-00B



Item 5 - Aluminum Drainable Blade - Plant Ref. 70-021718-00B

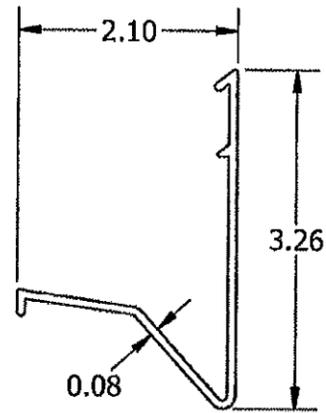
Daniel J. Rau
11/15/2008

FOR OFFICE USE ONLY

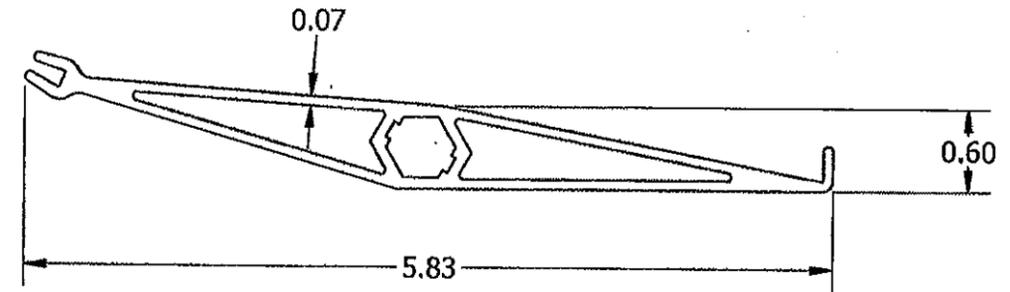
Approved as complying with the
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NOAF 02-1211-05
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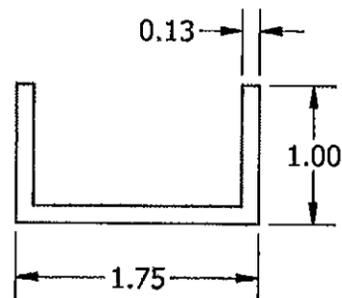
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CHECKED	DJR	11/15/08				
APPROVED	DJR	11/15/08				
MATERIAL	PRODUCT					
TITLE ELC6375DXD - Combination Louver - Specs Notes And Details						
SIZE	B	DWG NO	60-022114-05B		REV	
ECN		SCALE	INVENTOR	SHEET 6 OF 9		



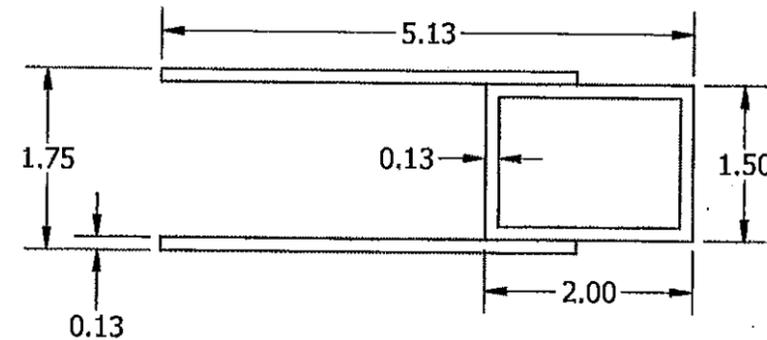
Item 6 - Aluminum Blade Brace - Plant Ref. 70-021719-00B



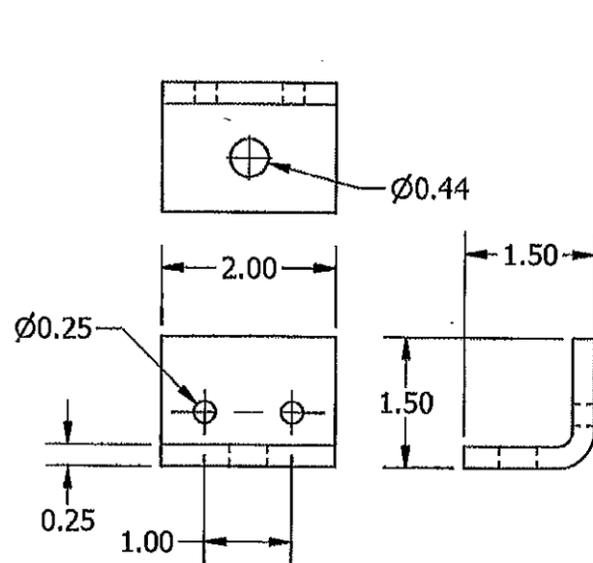
Item 7 - Aluminum Operable Damper Blade - Plant Ref. 70-021027-00B



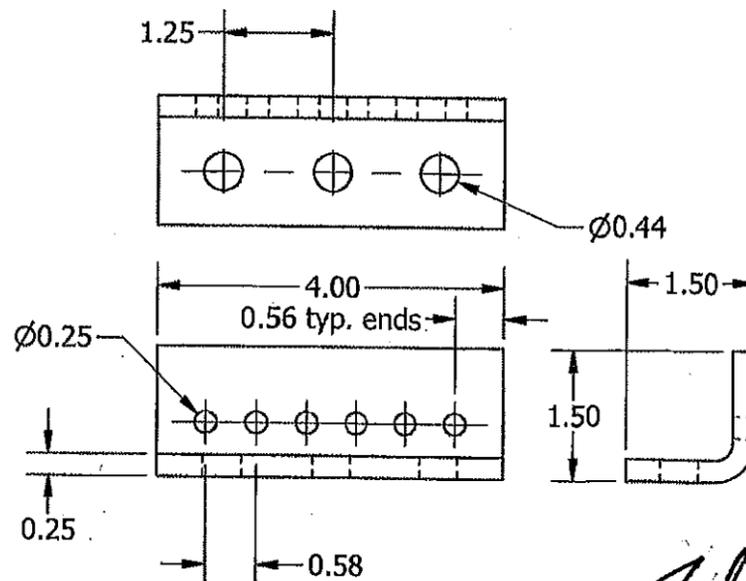
Item 8 - Aluminum Channel - Plant Ref. 70-021797-00B



Item 9 - Aluminum Mullion Support - Plant Ref. 70-021798-00B



Item 17 - Mounting Clip Angle
Plant Ref. 85-021593-00B

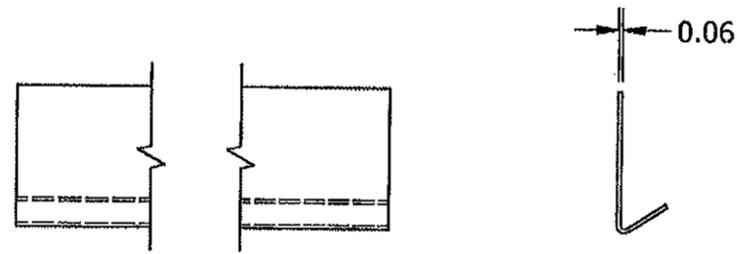


Item 18 - Mounting Clip Angle
Plant Ref. 85-021594-00B

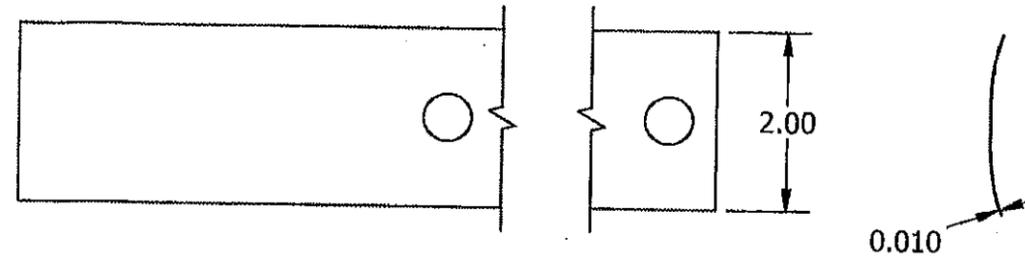
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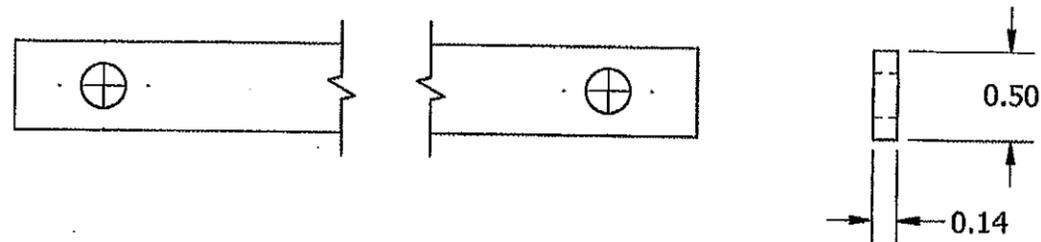
A	Item 18 - Edge dist. dim. from .44 to .56	VMA	DWS	DJR		11/5/08
REV	DESCRIPTION	BY	CHK	APVD	APVD	DATE
AUTHOR	ENK	8/15/2008	RUSKIN Air & Sound Control 3900 Doctor Greaves Road, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL			
CHECKED	DJR	11/15/08				
APPROVED	DJR	11/15/08				
MATERIAL			PRODUCT			
		TITLE				
		ELC6375DXD - Combination Louver - Specs Notes And Details				
SIZE	B	DWG NO		60-022114-06B		REV
ECN			SCALE		INVENTOR	
				SHEET 7 OF 9		



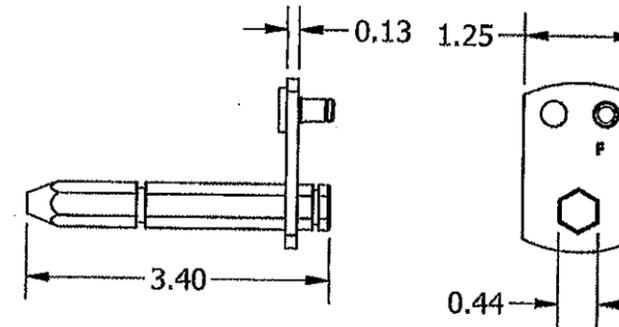
Item 10 - Blade Stop Angle.



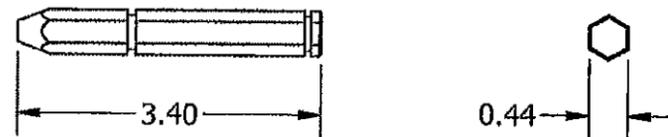
Item 11 - Jamb Seal - Plant Ref. 2" x 0.010 Stainless Steel.



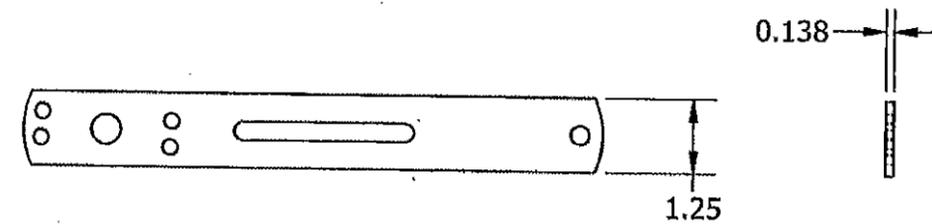
Item 12 - Tie Bar - Plant Ref. 10Ga. x 0.50 Galv. Steel.



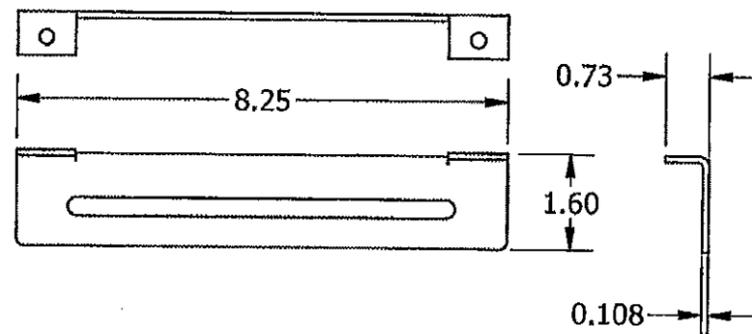
Item 13 - Blade Axle - Plant Ref. 77-002008-01B



Item 14 - Blade Axle - Plant Ref. No. 77-002302-01A



Item 16 - Actuation Arm - Plant Ref. No. 73-003021-00B

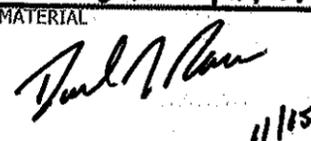


Item 15 - Adjustment Bracket - Plant Ref. No. 70-003023-00B

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Date 02/11/2009
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Miami Dade Product Control
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By [Signature]

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Engineering Discipline:
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AUTHOR	ENK	10/8/2008	RUSKIN Air & Sound Control 3900 Doctor Greaves Road, Grandview, MO 64030 PROPRIETARY AND CONFIDENTIAL	
CHECKED	DJR	11/15/08		
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MATERIAL	 11/15/2008		PRODUCT	
			TITLE	ELC6375DXD - Combination Louver - Specs, Notes and Details.
ECN			SIZE	B
			SCALE	
			DWG NO	60-022114-07B
			INVENTOR	
			SHEET	8 OF 9

