



**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) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

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**Ruskin Company.  
3900 Dr. Graves 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: EME520MD Louver Systems.**

**APPROVAL DOCUMENT:** Drawing No 60-021901-01D & 02D, titled "EME520MD Louver, Details Spec, ASSY & NOTES" Sheets 1 & 2, dated 07/29/04 with last revision on 06/07/04 & 09/03/04 with last revision on 12/01/05, prepared by Ruskin Manufacturing., signed and sealed by D. J. Rau, P.E., bearing the Miami-Dade County Product Control Approval Stamp with the NOA 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 or MDCPCA", 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, evidence page as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**

*Candido F. Font*  
02/23/06



**NOA No: 05-0812.07  
Expiration Date: February 23, 2011  
Approval Date: February 23, 2006  
Page 1**

**Ruskin Company.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS.**

1. Drawing prepared by Ruskin Manufacturing titled "EME520MD LOUVER, DETAILS, SPEC, ASSY & NOTES" Drawing No. 60-021901-01D & 02D, sheets 1 & 2, dated 06/07/04 & 09/03/04 with last revision on 12/01/05. signed and sealed by D. J. Rau, PE.
2. Die drawings prepared by Ruskin Manufacturing sheets 00B, 03B through 12B signed and sealed by D. J. Rau PE on 01/09/06

**B. TESTS.**

1. Test report on Large Missile Impact Test per TAS 201, Test, Cyclic Wind Pressure Test per TAS 203, Test and Uniform Static Air Pressure Test per TAS 202 of "Series:EME520MD; Aluminum Louvers Milled Together", prepared by Fenestration Testing Laboratory Inc, laboratory No.4525, dated 04/22/05, signed and sealed by E. J. Largaespada, PE

**C. CALCULATIONS.**

1. Calculations prepared by Ruskin Company, dated 08/10/05, pages 1 though 13, signed and sealed by E. P. Hutson, PE.

**D. QUALITY ASSURANCE**

1. Building Code compliance Office.

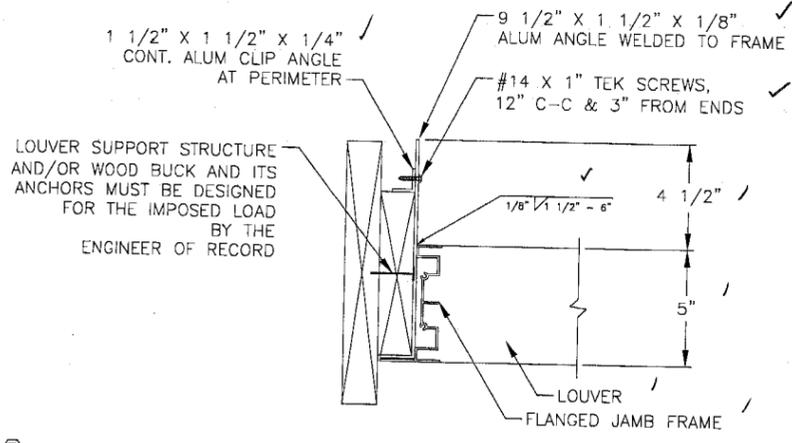
**E. STATEMENTS**

1. Test compliance letter issued by Fenestration Testing Laboratory Inc, on 06/08/05, signed by E. J. Largaespada PE
2. No financial interest letter issued by Norton & Schmidt on 07/29/05 and signed and sealed by E. P. Hutson Jr PE.
3. Code compliance letter issued by Ruskin on 01/09/06, signed and sealed by D. J. Rau, PE.

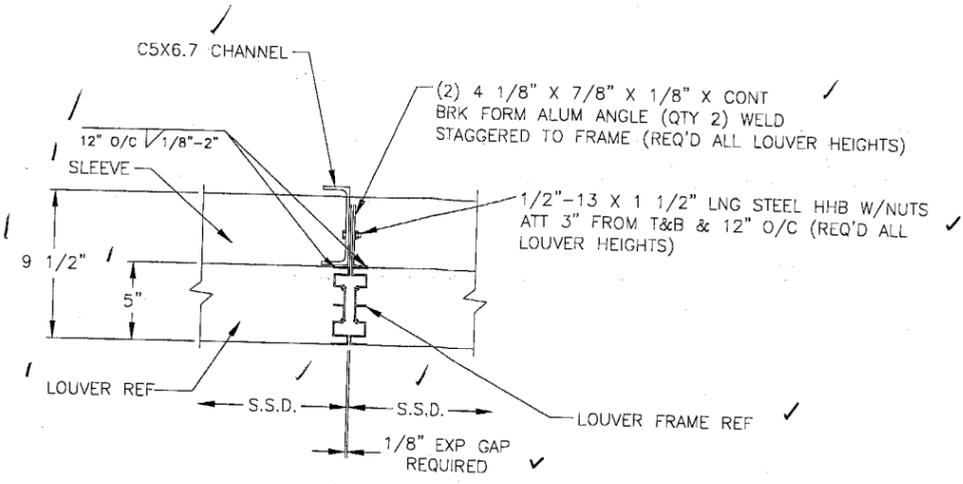


02/23/06

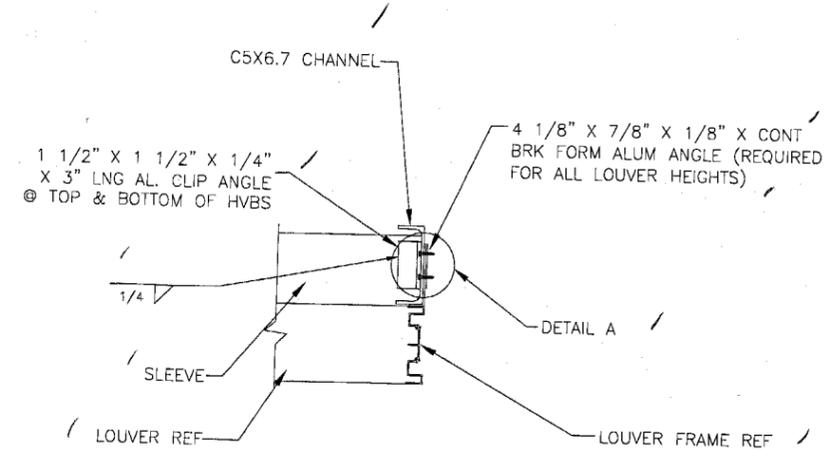
Candido F. Font PE.  
Sr. Product Control Examiner  
NOA No 05-0812.07  
Expiration Date: February 23, 2011  
Approval: Date: February 23, 2006



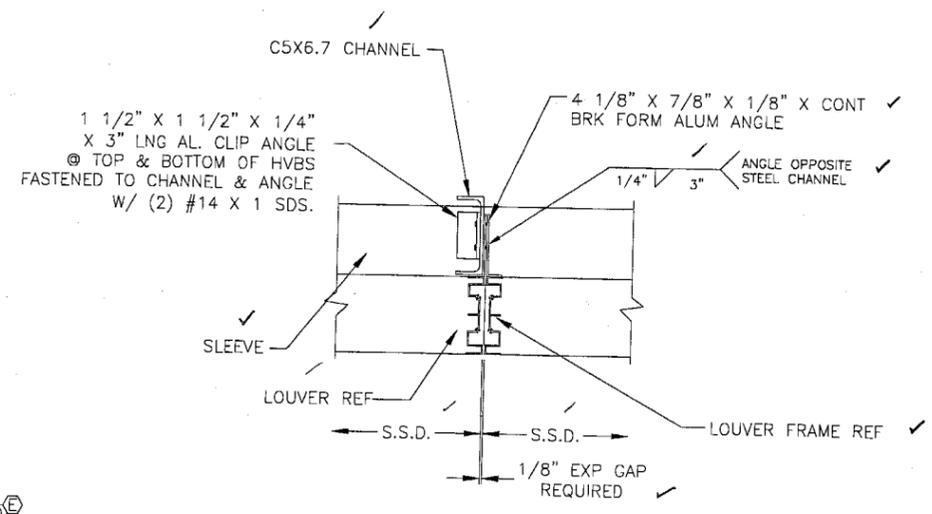
1 LOUVER @ JAMB DETAIL  
11D N.T.S.



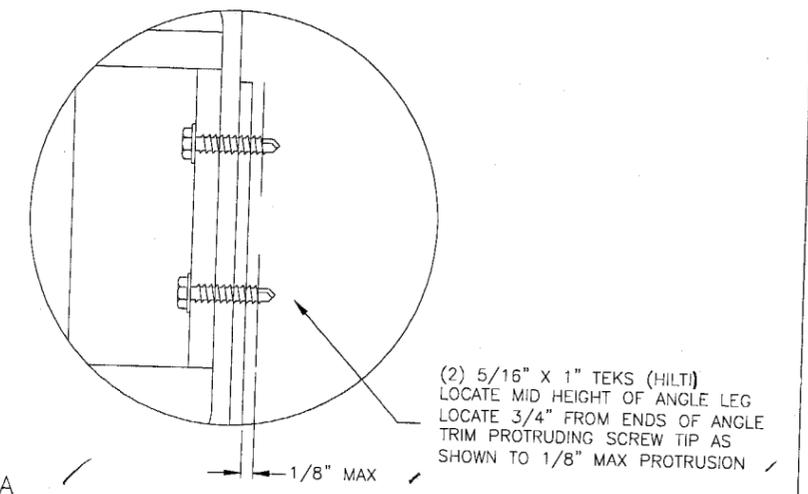
2 VISIBLE MULLION CONNECTION DETAIL  
11D N.T.S.



3 CLIP ANGLE INSTALLATION DETAIL  
11D N.T.S.



4 CLIP ANGLE CONNECTION DETAIL  
11D N.T.S.



DETAIL A  
N.T.S.

*Paul J. Raw*  
1-9-2006

FOR OFFICE USE ONLY

Approved as complying with the  
Florida Building Code  
Date: 02/23/06  
NOAH 03-0812-01  
Miami Dade Building Control  
Division  
By: [Signature]

REVISION	DESCRIPTION	DATE	BY	CHECKED	DATE
(E)	REVISED PER RCOO COMMENTS DATED 9/12/05	12-1-05	DJR	VMA	VMA
(D)	REV'D FOR CALCULATIONS DET. MULLION WITHOUT STEEL	7-19-05	DJR	VMA	VMA
(C)	REV'D FOR AS TESTED DETAILS	3/7/05	DJR	VMA	VMA
(B)	REV'D LOCATION OF FRAMING	12/14/4	DLC	VMA	VMA
(A)	CHANGED ATTACHMENT DETAIL	12/13/4	DJR	VMA	VMA

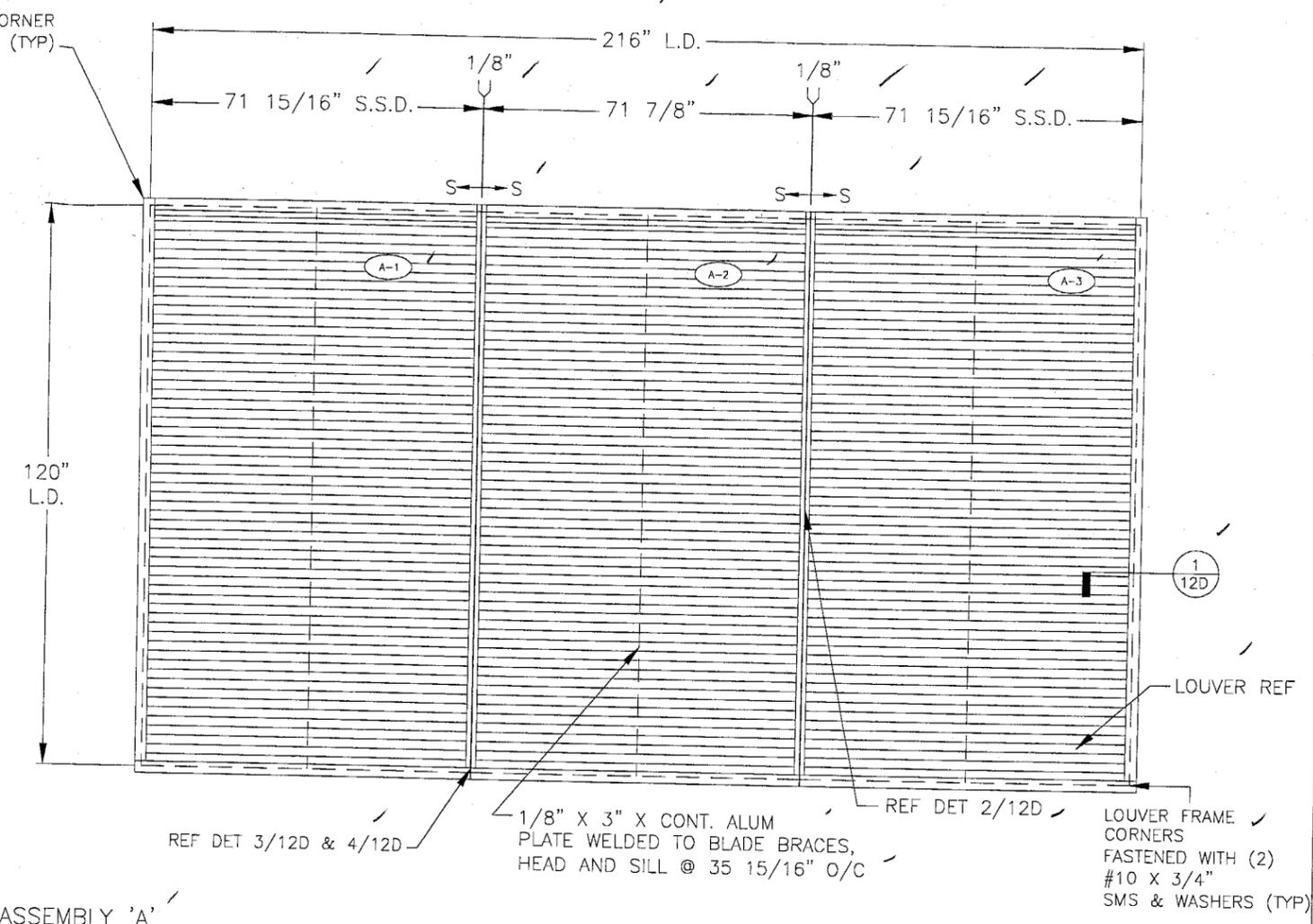
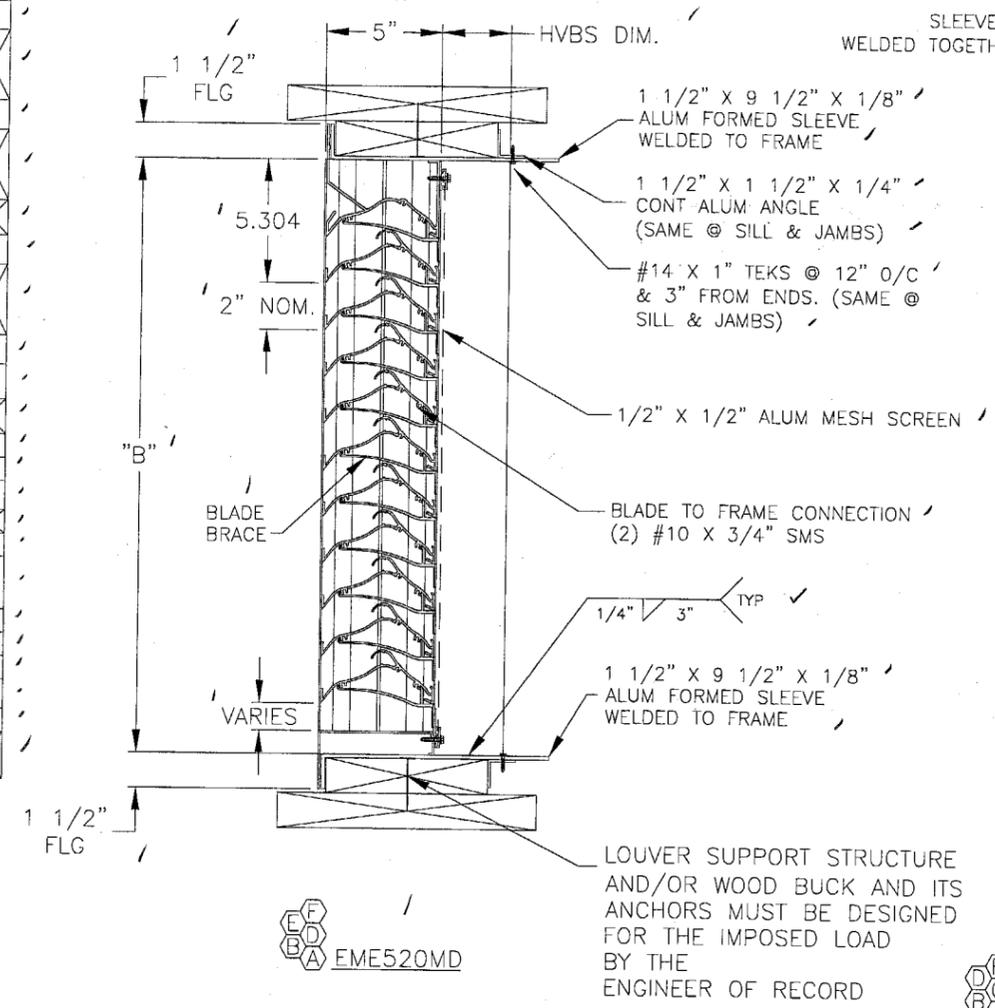
  

ENGINEER OF RECORD: EDWARD PAUL HUTSON, JR. REGISTRATION #: STATE OF FLORIDA #0052339	DATE: 6-7-04	DATE: 9/3/4	DATE: 9/3/4	DATE:
DWN. BY: JW	CHK. BY: VMA	TRK'D. BY: VMA	APP'D. BY:	DATE:
RUSKIN Mfg Grandview, MI				PLOT SCALE: NONE
PROPRIETARY INFORMATION				DWG. NO.:
SHEET 2 OF 2				DATE:

EM520MD LOUVER, DETAILS	60-021901-02D
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HEAD - DWG 60-021901-00B	
6063-T5 extruded aluminum with .094" nominal wall thickness.	
SILL - DWG 60-021901-02B	
6063-T5 extruded aluminum with .080" nominal wall thickness.	
FRAME - DWG 60-021901-01B	
6063-T5 extruded aluminum with .080" nominal wall thickness. Caulking slots provided.	
Flange frame. Same matl and thickness as above.	
BLADES - DWG 60-021901-03B	
6063-T5 extruded aluminum with .080" nominal wall thickness. J stlye Blades are positioned at 20° angle.	
SCREEN	
5/8" x .040" expanded flat-tened aluminum bird screen.	
1/2" mesh x .063" aluminum bird screen.	
18-16 mesh alum insect screen	
No screen.	
FINISH	
Mill.	
Kynar (opt).	
Baked enamel (modified fluoropolymer, 50% Kynar, opt).	
Color Anodize (opt).	
Clear Anodize (opt).	
Color:	
ACCESSORIES	
Blankoff panel.	
1 1/2" x 1 1/2" x 1/4" (F) Continuous angles at perimeter	



**ASSEMBLY 'A'**  
N.T.S.

TESTS PERFORMED:  
 PA-201/TAS-201 LARGE MISSILE IMPACT  
 PA-202/TAS-202 UNIFORM STATIC AIR PRESSURE TEST  
 PA-203/TAS-203 CYCLIC WIND PRESSURE TEST  
 DESIGN PRESSURE RATING 140 PSF

FRONT VIEW

*Edward Paul Hutson Jr.*  
1-9-2006

**NOTES:**

- 1) THE EME520MD HAS BEEN TESTED IN ACCORDANCE WITH MIAMI-DADE COUNTY PROTOCOLS PA-201, 202 & 203 FOR LARGE MISSILE IMPACT, UNIFORM PRESSURE AND CYCLIC WIND PRESSURE.
- 2) THIS LOUVER SYSTEM IS APPROVED FOR APPLICATIONS WITH DESIGN PRESSURES OF +/- 140 PSF OR LESS.
- 3) THE LOUVER SYSTEM IS TO BE INSTALLED IN LOCATIONS WHERE THE ROOMS BEHIND THE LOUVERS ARE DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOMS, AND THE ROOMS WILL HOUSE WATER RESISTANT/WATER PROOF EQUIPMENT, COMPONENTS OR SUPPLIES.
- 4) THIS LOUVER SYSTEM IS NON-BEARING AND IS NOT DESIGNED TO WITHSTAND BUILDING DEAD LOADS.
- 5) THIS LOUVER UTILIZES AN ANCHORLESS INSTALLATION METHOD THAT DOES NOT REQUIRE THE USE OF FASTENERS INTO THE WALL SUBSTRATE. IT MAY BE INSTALLED IN ANY WALL SUBSTRATE THAT WILL WITHSTAND THE LOADS TRANSFERRED TO IT BY THE LOUVER. RUSKIN DOES NOT DETERMINE THE STRUCTURAL INTEGRITY OF THE STRUCTURE.
- 6) MAXIMUM SINGLE SECTION SIZE: 71 15/16" WIDE X 120" HIGH.
- 7) MAXIMUM ASSEMBLED LOUVER SIZE: UNLIMITED WIDE X 120" HIGH. MAX. MULLION SPACING IS 71 15/16".
- 8) 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.

FOR OFFICE USE ONLY

Approved as complying with the Florida Building Code  
 Date: 02/23/06  
 NOA# 05-0812-01  
 Miami Dade Product Control  
 Division  
 By: *[Signature]*

ENGINEER OF RECORD: EDWARD PAUL HUTSON JR. REGISTRATION # STATE OF FLORIDA #0052339	CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APP'D. BY:	DATE
	(F)	REVISED PER BCCO COMMENTS DATED 9/12/05	DJR	VMA	VMA	12-1-05
	(E)	REVISED WELD SIZE PER CALCULATIONS. REV'D SILL THK.	DJR	VMA	VMA	7-19-05
	(D)	REVISED TO AS TESTED CONDITIONS	DJR	VMA	VMA	3-7-05
	(C)	ADDED INTERMEDIATE HVBS	DLC	VMA	VMA	12-17-4
	(B)	REV'D SIZES REV'D FRAMING LOCATIONS	DLC	VMA	VMA	12/14/4
	(A)	CHANGED ATTACHMENT DETAILS	DJR	VMA	VMA	12/3/4
DATE: 6-7-04	BY: JW	DATE: 9/3/4	BY: VMA	DATE: 9/3/4	DATE: 9/3/4	
RUSKIN Mfg Grandview, MI			PLOT SCALE: NONE		DWG. CERTIFIED BY: DATE:	
SHEET 1 OF 2			TITLE: EME520MD LOUVER, SPEC. ASSY & NOTES.		DWG. NO.: 60-021901-01D	