



**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](http://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 EME6325D Aluminum Louver**

**APPROVAL DOCUMENT:** Drawing No. **60-022167-01D to 07D**, titled "EME6325D Test Louver" dated 06/14/10, with Revision B dated 07/22/10, 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]*  
 08/04/10

**NOA No. 10-0622.01**  
**Expiration Date: August 25, 2015**  
**Approval Date: August 25, 2010**  
 Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **60-022167-01D to 07D**, titled "EME6325D Test Louver" dated 06/14/10, with Revision B dated 07/22/10, 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 EME6325 Aluminum Louver Systems", prepared by National Certified Testing Laboratories, Report No. **210-3655-1**, dated 01/26/10, signed and sealed by Gerald J. Ferrara, P.E.
2. Test report of Wind Driven Rain Resistance per TAS (A) 95 on EME6325 Aluminum Louver, prepared by PRI Construction Materials Technologies, LLC, Test Report No. **RCV-007-02-01**, dated 02/27/09, signed and sealed by Duc T. Nguyen, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Ruskin Company, dated 06/14/10, signed and sealed by Daniel J. Rau, P.E.

**D. QUALITY ASSURANCE**

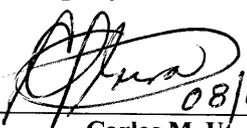
1. Miami Dade Building Code Compliance Office (BCCO)

**E. MATERIAL CERTIFICATIONS**

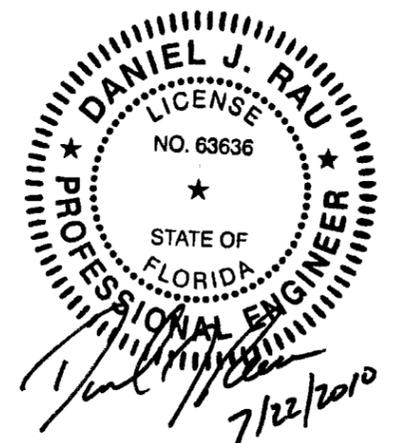
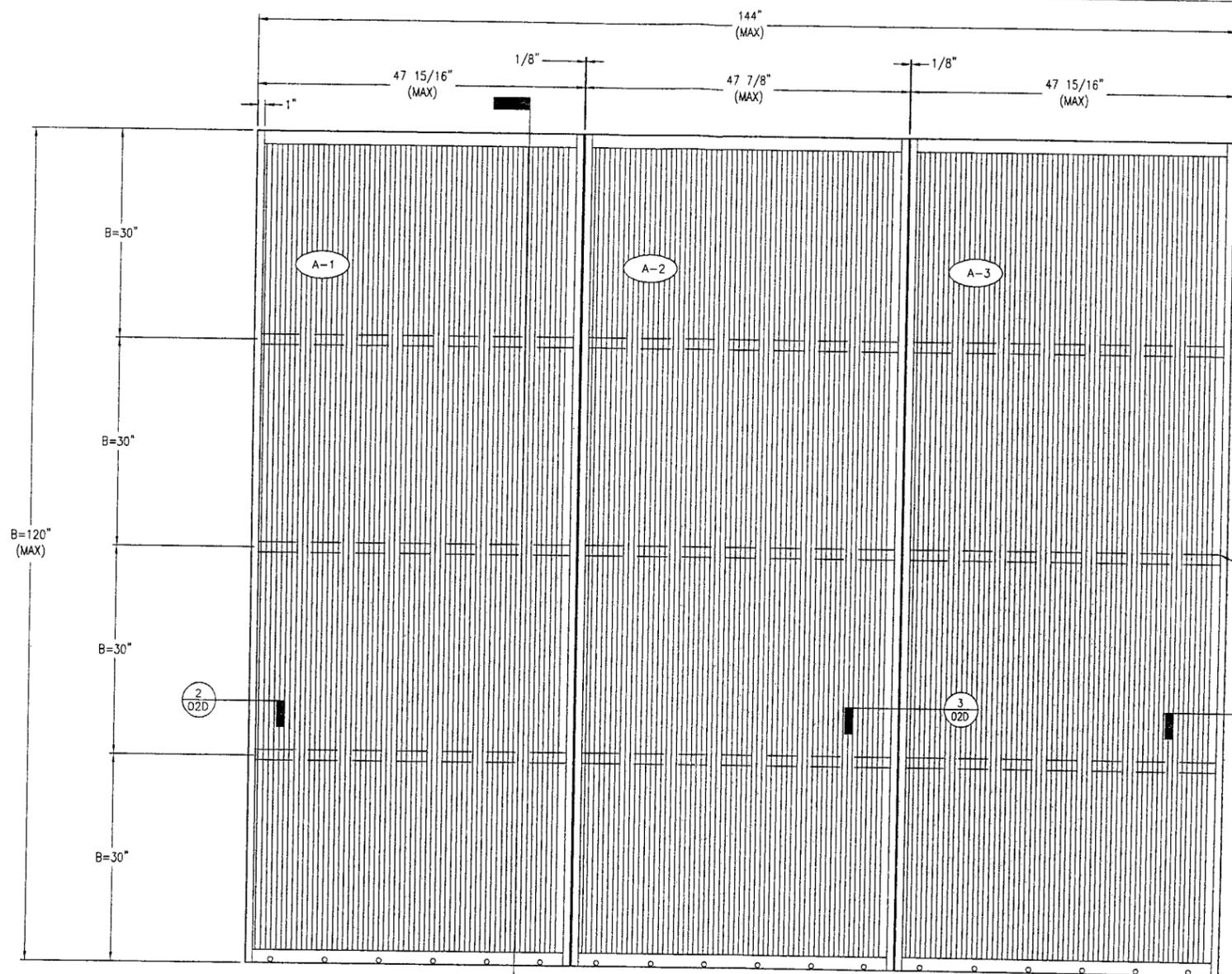
1. None.

**F. STATEMENTS**

1. Statement letter of code compliance with 2007 FBC, issued by Ruskin Company, dated 07/22/10, signed and sealed by Daniel J. Rau, P.E.
2. Statement letter of no financial interest, issued by Ruskin Company, dated 07/22/10, signed and sealed by Daniel J. Rau, P.E.

  
08/04/10  
\_\_\_\_\_  
Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 10-0622.01  
Expiration Date: August 25, 2015  
Approval Date: August 25, 2010

FRAME	
6063-T6 extruded aluminum with .095" nominal wall thickness.	<input checked="" type="checkbox"/>
Flange frame is same material and thickness as above.	<input type="checkbox"/>
BLADES	
6063-T6 extruded aluminum with .062" nominal wall thickness.	<input checked="" type="checkbox"/>
SCREEN	
5/8" x .040" expanded flattened aluminum bird screen.	<input type="checkbox"/>
1/2" mesh x .063" aluminum bird screen.	<input checked="" type="checkbox"/>
18-16 mesh alum insect screen	<input type="checkbox"/>
No screen.	<input type="checkbox"/>
FINISH	
Mill.	<input checked="" type="checkbox"/>
Kynar (opt).	<input type="checkbox"/>
Baked enamel (modified fluoropolymer, 50% Kynar, opt).	<input type="checkbox"/>
Color Anodize (opt).	<input type="checkbox"/>
Clear Anodize (opt).	<input type="checkbox"/>
Color:	



HHBS  
-TYP.

ASSEMBLY 'A'  
N.T.S.  
3-ASSEMBLIES REQ'D W/ 3-SHIP SECTIONS EACH. FRONT VIEW

TESTS PERFORMED:  
TAS-100a WATER PERFORMANCE TEST  
TAS-201 LARGE MISSILE IMPACT  
TAS-202 UNIFORM STATIC AIR PRESSURE TEST  
TAS-203 CYCLIC WIND PRESSURE TEST  
DESIGN PRESSURE RATING 150 PSF

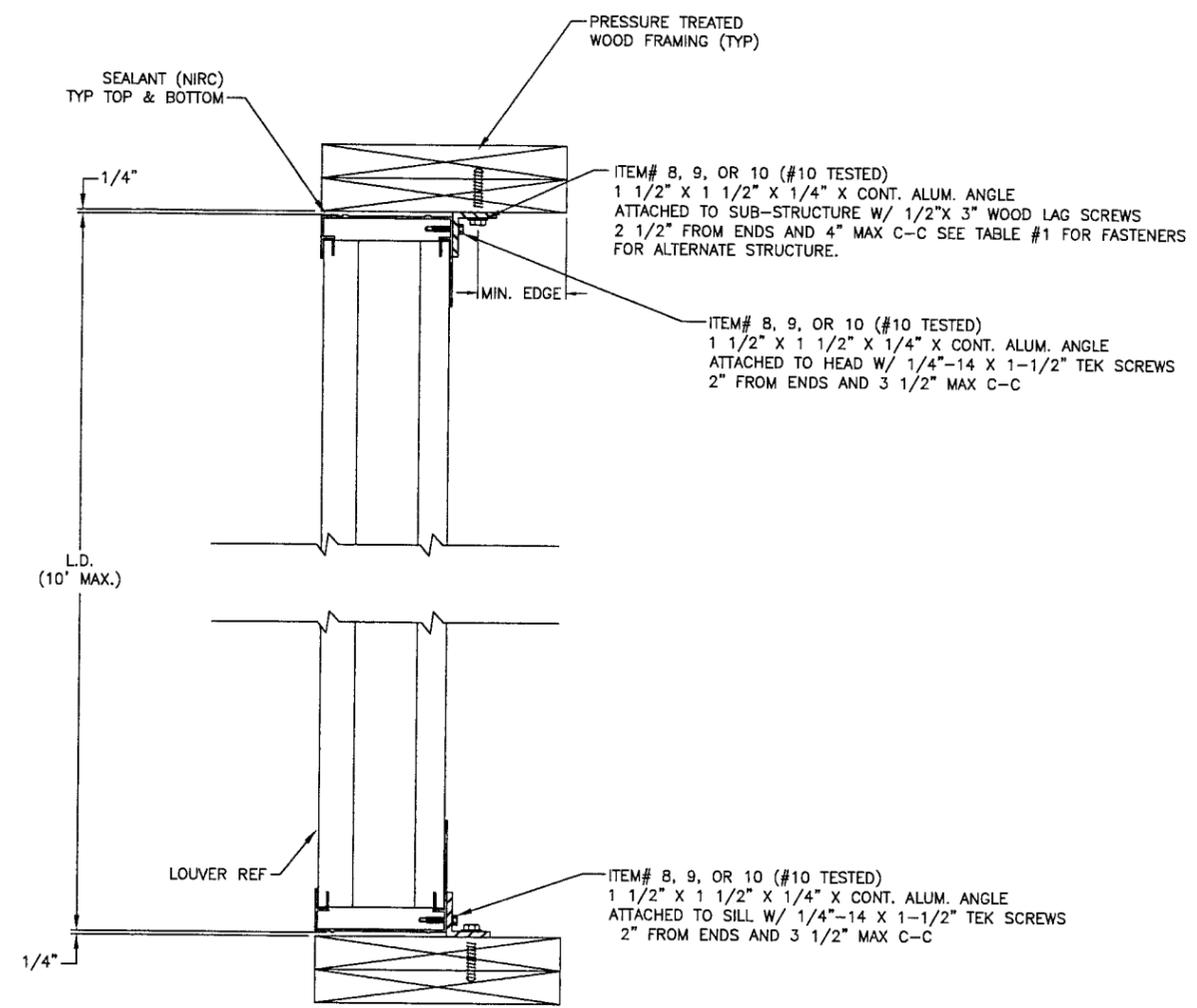
- NOTES:
- 1) THE EME6325 HAS BEEN TESTED IN ACCORDANCE WITH MIAMI-DADE COUNTY PROTOCOLS TAS100(A), TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT, UNIFORM PRESSURE AND CYCLIC WIND PRESSURE.
  - 2) THIS LOUVER SYSTEM IS APPROVED FOR APPLICATIONS WITH DESIGN PRESSURES OF +/- 150 PSF OR LESS.
  - 3) THIS LOUVER SYSTEM IS NON-BEARING AND IS NOT DESIGNED TO WITHSTAND BUILDING DEAD OR LIVE LOADS.
  - 4) LOUVER ANCHORS ARE REVIEWED FOR ATTACHMENT INTO STEEL, CONCRETE, MASONRY OR TIMBER SUBSTRUCTURE. MINIMUM EDGE DISTANCE AND EMBEDMENT REQUIREMENTS ARE SHOWN. RUSKIN DOES NOT DETERMINE THE STRUCTURAL INTEGRITY OF THE SUB-STRUCTURE.
  - 5) MAXIMUM SINGLE SECTION SIZE: 47 15/16" WIDE X 120" HIGH.
  - 7) MAXIMUM ASSEMBLED LOUVER SIZE: UNLIMITED WIDE X 120" HIGH. MAX. MULLION SPACING IS 47 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.

- DRAWING INDEX:
1. EME6325D TEST LOUVER, SPEC, ASS'Y & NOTES - CLIP ANGLE INSTALLATION
  2. EME6325D TEST LOUVER - CLIP ANGLE INSTALLATION DETAILS
  3. EME6325D TEST LOUVER, SPEC, ASS'Y & NOTES - SLEEVE INSTALLATION
  4. EME6325D TEST LOUVER - SLEEVE INSTALLATION DETAILS
  5. EME6325D TEST LOUVER - ALTERNATE ATTACHMENT TABLES
  6. EME6325D TEST LOUVER - PART DETAILS

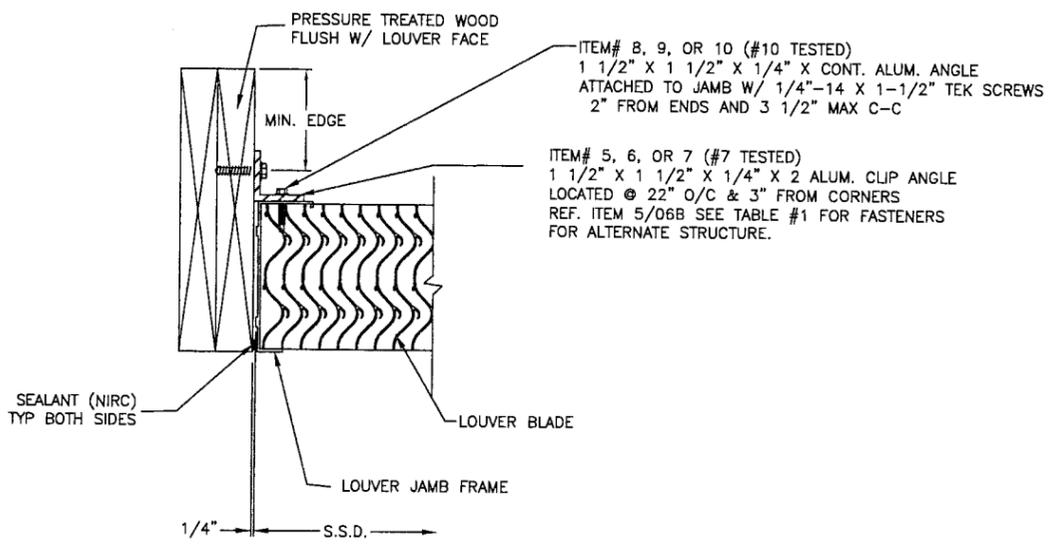
FOR OFFICE USE ONLY

Approved as complying with the  
Florida Building Code  
Date 08/25/2010  
NOAH 10-0622-01  
Miami Dade Product Control  
Division  
By *[Signature]*

ENGINEER OF RECORD DANIEL J. RAU CIVIL ENGINEER REGISTRATION NUMBER STATE OF FLORIDA #0063636	(B) MDC000 COMMENTS DRP VMA VMA 1/22/10
(A) CLIP ANGLE AND FASTENER VMA	
REVISION DESCRIPTION	DATE
DATE: 6/9/09	DATE: 6/14/10
DATE: 6/14/10	DATE:
TITLE EME6325D TEST LOUVER, SPEC, ASSY & NOTES CLIP ANGLE INSTALLATION	DWG. NO. 60-022167-010

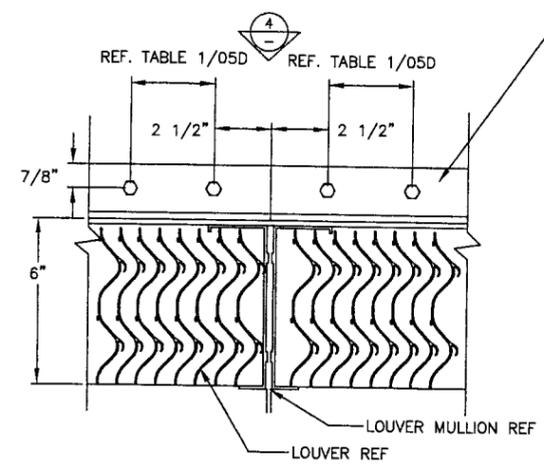


1 HEAD & SILL DETAIL: METHOD 1 - AS TESTED - WOOD FRAME  
01D N.T.S.  
ALTERNATE STRUCTURE - CONCRETE, STEEL FRAME

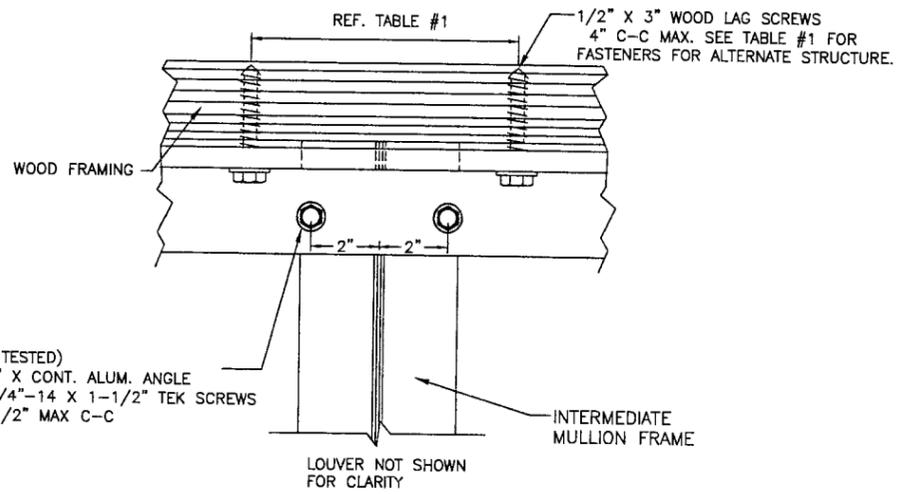


2 JAMB DETAIL: METHOD 1 - AS TESTED - WOOD FRAME  
01D N.T.S.  
ALTERNATE STRUCTURE - CONCRETE, STEEL FRAME

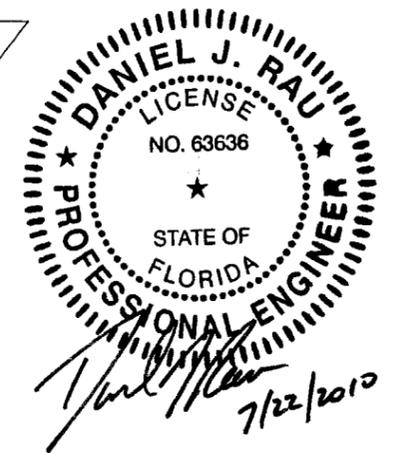
ITEM# 8, 9, OR 10 (#10 TESTED)  
1 1/2" X 1 1/2" X 1/4" X CONT. ALUM. ANGLE  
ATTACHED TO SUB-STRUCTURE W/ 1/2" X 3" WOOD LAG SCREWS  
2 1/2" FROM ENDS AND 4" MAX C-C SEE TABLE #1 FOR FASTENERS  
FOR ALTERNATE STRUCTURE.



3 MULLION DETAIL: METHOD 1 - AS TESTED - WOOD FRAME  
01D N.T.S.  
ALTERNATE STRUCTURE - CONCRETE, STEEL FRAME



4 MULLION HEAD DETAIL @ STRUCTURE (SILL SIM): METHOD 1 - AS TESTED - WOOD FRAME  
01D N.T.S.  
ALTERNATE STRUCTURE - CONCRETE, STEEL FRAME



FOR OFFICE USE ONLY

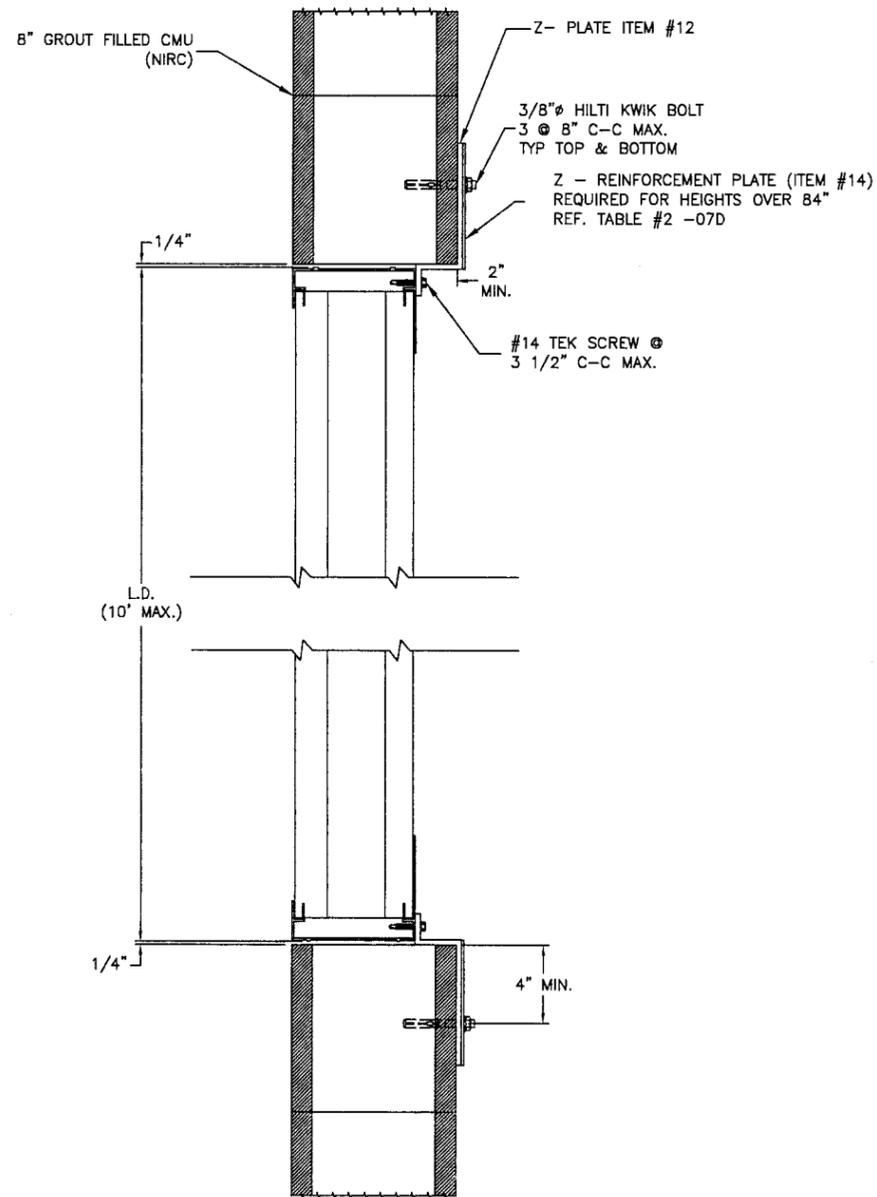
Approved as complying with the  
Florida Building Code  
Date 08/23/2010  
NOA# 10-0622-01  
Miami Dade Product Control  
Division

ENGINEER OF RECORD  
DANIEL J. RAU  
ENGINEERING DISCIPLINE  
CIVIL ENGINEER  
REGISTRATION NUMBER  
STATE OF FLORIDA #0063636

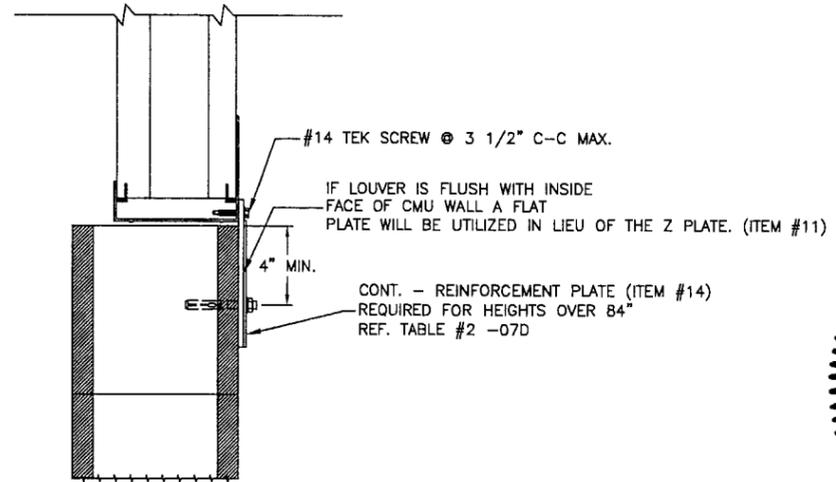
CHANGE LETTER	REVISION DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY	DATE

DATE	BY	DATE	BY	DATE	BY
6/9/09	VMA	6/14/10	DJR	6/14/10	DJR

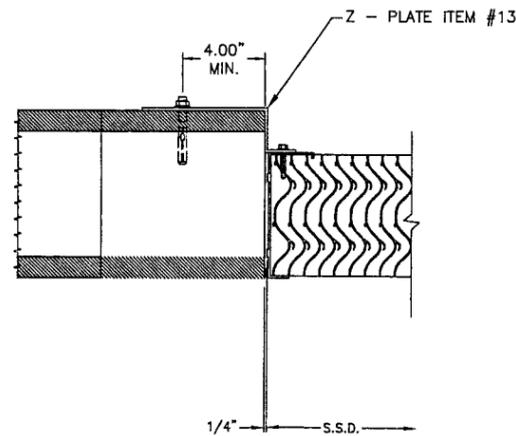
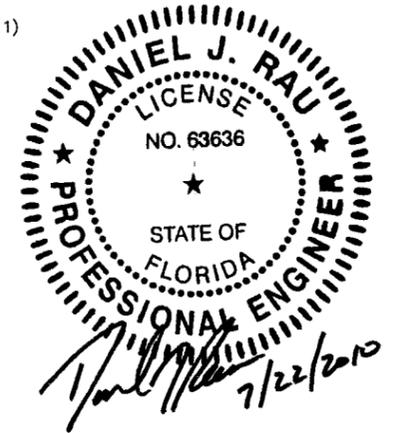
TITLE	DWG. NO.
EME6325D TEST LOUVER CLIP ANGLE INSTALLATION DETAILS	60-022167-02D



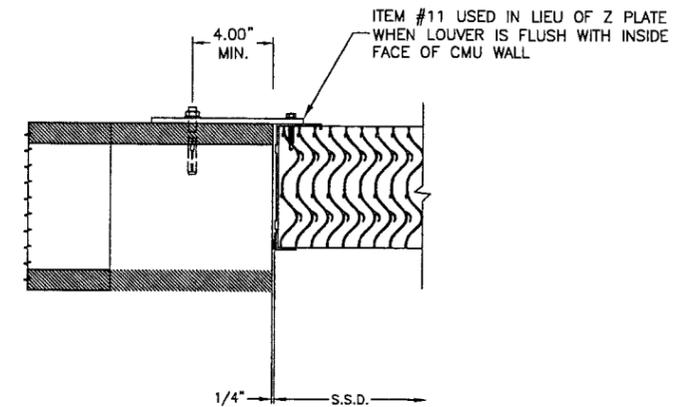
1A HEAD & SILL DETAIL METHOD 2 - GROUT FILLED CMU  
01D N.T.S.



3A HEAD & SILL DETAIL: METHOD 2 - GROUT FILLED CMU  
N.T.S.



2A JAMB DETAIL METHOD 2 - GROUT FILLED CMU  
01D N.T.S.



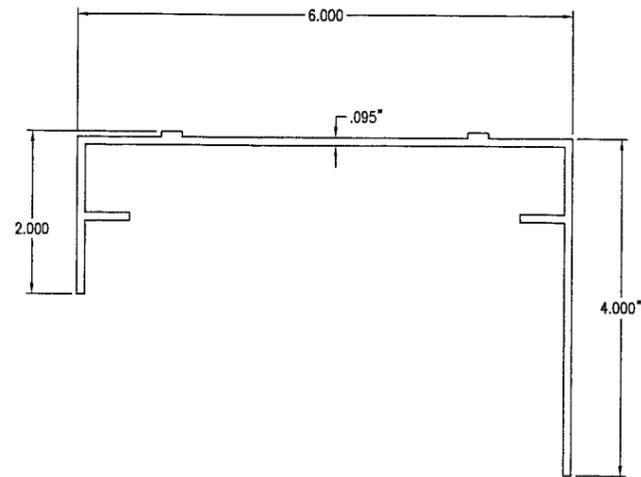
2A JAMB DETAIL METHOD 2 - GROUT FILLED CMU  
01D N.T.S.

FOR OFFICE USE ONLY

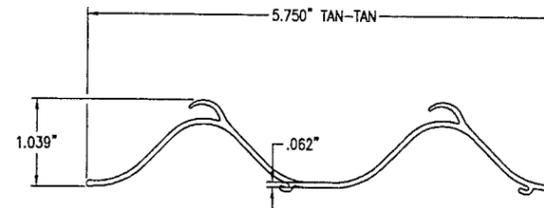
Approved as complying with the  
Florida Building Code  
Date 08/25/2010  
NOA# 10-0622-01  
Miami Dade Product Control  
Division  
By [Signature]

ENGINEER OF RECORD DANIEL J. RAU		ENGINEERING DISCIPLINE CIVIL ENGINEER		REGISTRATION NUMBER STATE OF FLORIDA #0063636	
DATE: 6/9/09	BY: VMA	DATE: 6/14/10	BY: DJR	DATE: 6/14/10	BY: DJR
CHANGE LETTER		REVISION DESCRIPTION		DRP	VMA
TITLE SHEET 3 OF 7		PLOT SCALE NONE		DATE: 7/22/10	
DRAWING NO. 60-022167-03D		PROJECT INFORMATION RUSKIN SWARTWOUT		DATE: 7/22/10	

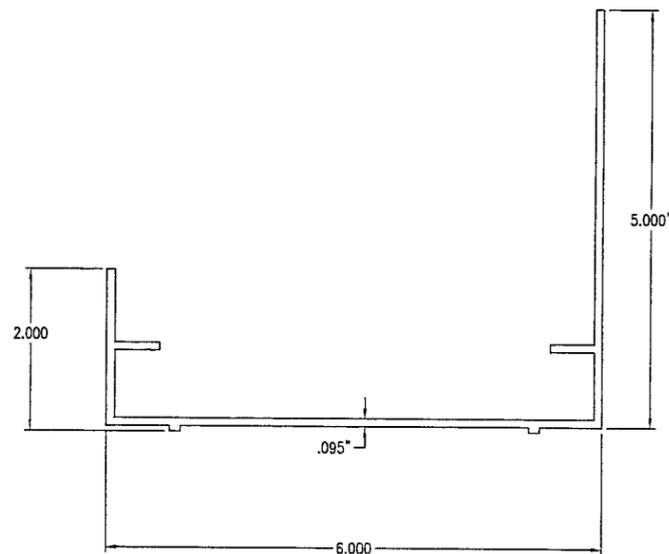




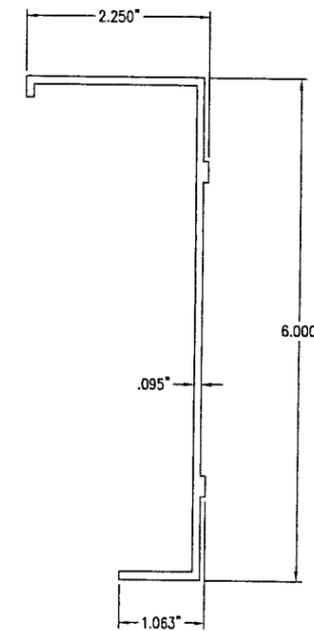
ITEM 1 - HEAD FRAME  
RUSKIN# 70-021995-008



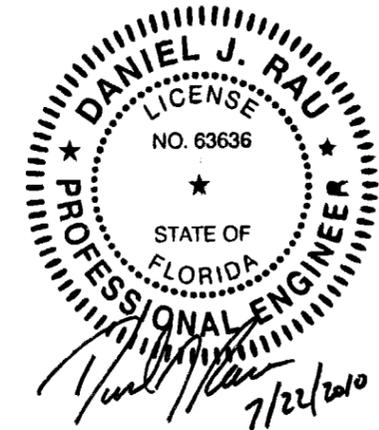
ITEM 2 - LOUVER BLADE  
RUSKIN# 70-021868-008



ITEM 3 - SILL FRAME  
RUSKIN# 70-022228-008



ITEM 4 - JAMB FRAME  
RUSKIN# 70-022227-008

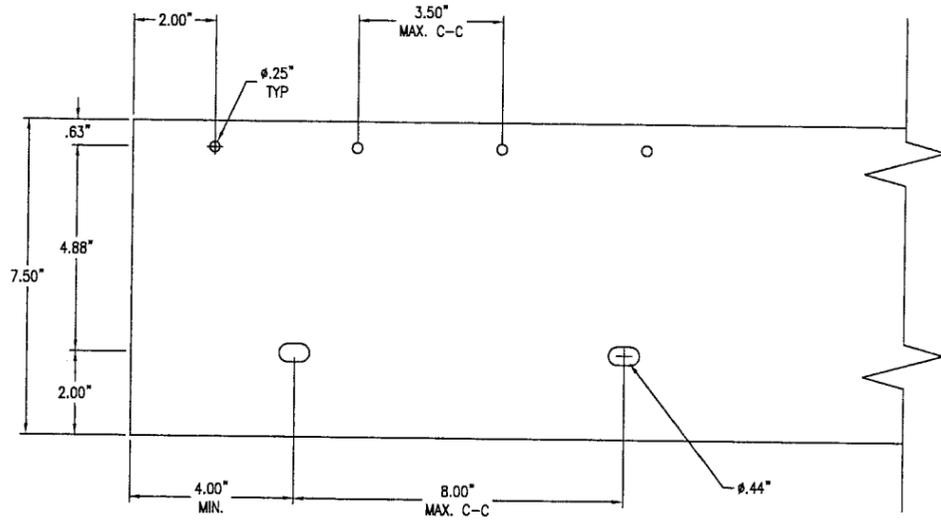


FOR OFFICE USE ONLY

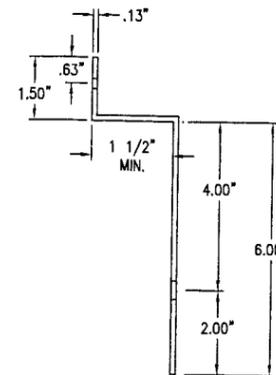
Approved as complying with the  
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Date 08/25/2010  
NOA# 10-0622-01  
Miami Dade Product Control  
Division  
By *[Signature]*

ENGINEER OF RECORD DANIEL J. RAU		DRP		VMA	VMA	7/22/10
ENGINEERING DISCIPLINE CIVIL ENGINEER		DRP		VMA	VMA	
REGISTRATION NUMBER STATE OF FLORIDA #0063636		DRP		VMA	VMA	
DATE: 5/9/09	DATE: 6/14/10	DATE: 6/14/10	DATE:	DATE:	DATE:	DATE:
RUSKIN SWARTWOUT		3000 DL DESIGNED AS CONVENTER, NO 34020		PLOT SCALE NONE		DATE CERTIFIED DATE:
SHEET 5 OF 7		EME6325D TEST LOUVER ALTERNATE ATTACHMENT TABLES		DWG. NO. 60-022167-05D		

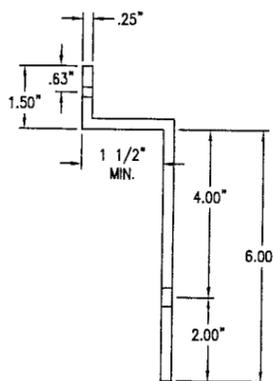
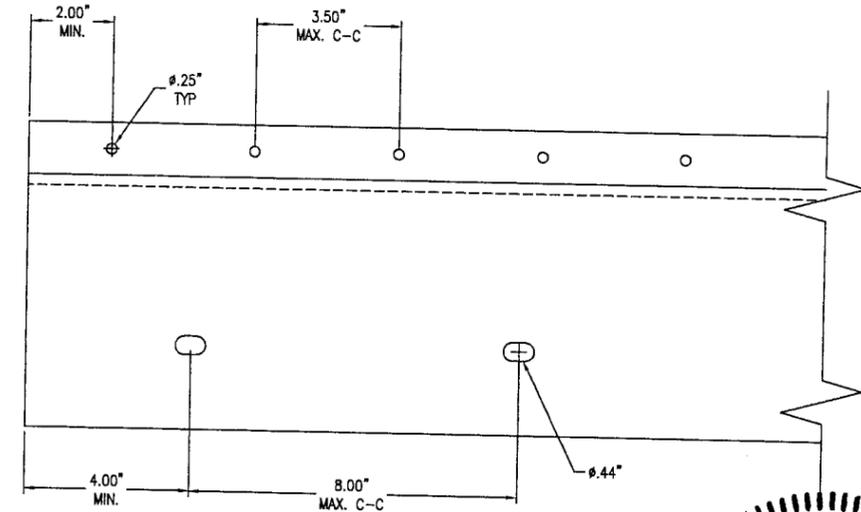




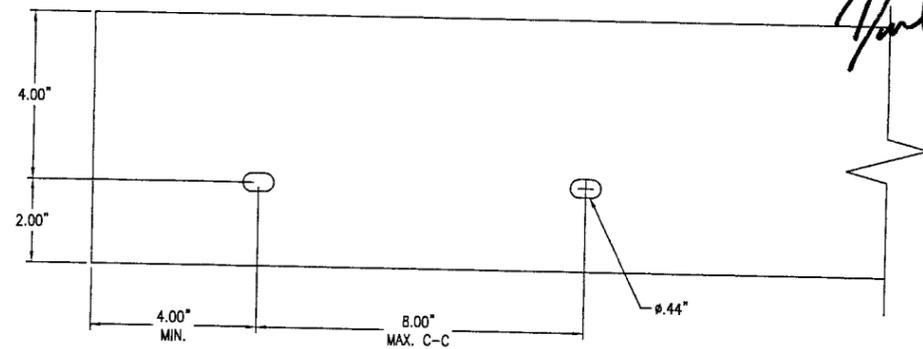
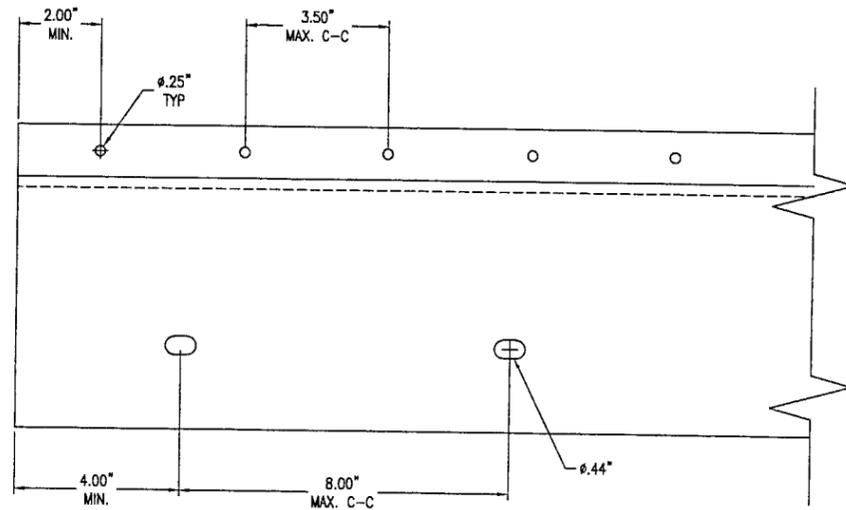
ITEM 11 - CONT. FLAT PLATE  
 .25 THICK - 5052-H32 AL  
 REQUIRES ITEM #14 FOR LOUVERS OVER 84" IN HEIGHT



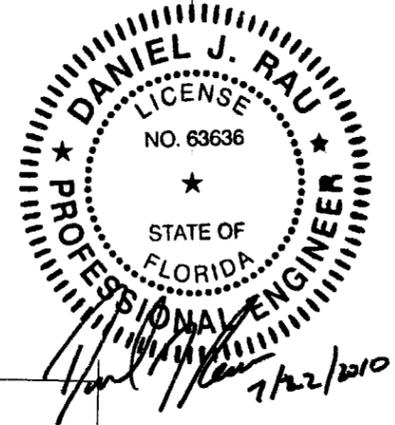
ITEM 13 - JAMB CONT. Z SHAPE PLATE  
 .125 THICK - 3003-H14 AL



ITEM 12 - HEAD/SILL CONT. Z SHAPE PLATE  
 5052-H32 AL



ITEM 14 - CONT. REINFORCEMENT PLATE  
 .125" THICK - 3003-H14 AL



LOUVER HEIGHT	ITEM #12 Z PLATE THICKNESS	MATERIAL	NOTE
6" - 21"	.125"	3003-H14 AL	-
21" - 84"	.25"	5052-H32 AL	-
84" - 120"	.25"	5052-H32 AL	NEED ITEM #14

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 Miami Dade Product Control  
 Division  
 By *[Signature]*

ENGINEER OF RECORD DANIEL J. RAU		REGISTRATION NUMBER STATE OF FLORIDA #0063636		MDCDCO COMMENTS		DRP	VMA	VMA	7/22/10
ENGINEERING DISCIPLINE CIVIL ENGINEER		DATE 8/9/09		REVISION DESCRIPTION		DRP	VMA	VMA	DATE
BY: VMA DATE: 8/14/10		BY: DJR DATE: 8/14/10		RUSKIN SWARTWOUT		DRP	VMA	VMA	DATE
TITLE EME6325D TEST LOUVER ALTERNATE ATTACHMENT TABLES		PLOT SCALE NONE		DWG. NO. 60-022167-07D					