



**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.maimidade.gov/buildingcode

**The Airolite Company, LLC
P.O. Box 838
27855 State Route 7
Marietta, OH 45750-0838**

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 "K605MD" Aluminum Louver – L.M.I.

APPROVAL DOCUMENT: Drawing No. **A1, A2, D1, D2 & D3**, titled "ELEVATIONS & DETAILS K605 METRO DADE LOUVERS" dated November 09, 1998 with revision #11, dated September 26, 2006, prepared by The Airolite Company, LLC, dated December 06, 2006, signed and sealed by L. David Rice, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration 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.

REVISION 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 NOA # 06-0602.01** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



Handwritten signature and date: 6/26/08

**NOA No. 08-0611.07
Expiration Date: July 06, 2009
Approval Date: July 17, 2008
Page 1**

The Airolite Company, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No.'s **A1, A2, D1, D2 & D3**, titled "ELEVATIONS & DETAILS K605 METRO DADE LOUVERS" dated November 09, 1998 with revision #11, dated September 26, 2006, prepared by The Airolite Company, LLC, dated December 06, 2006, signed and sealed by L. David Rice, P.E.
(Submitted under previous NOA# 06-0602.01)

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading, per TAS 202-94
3) Large Missile Impact Test, per TAS 201-94
5) Cyclic Wind Pressure Loading, per TAS 203-94
Along with marked-up drawings and installation diagram of "K/CB605 Louvers for the American Airline Arena", prepared by Architectural Testing, Inc., Test Report No. **ATI 01-34323.01**, dated April 15, 1999, signed and sealed by A. N. Reeves, P.E.
(Submitted under previous NOA# 00-0112.01)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Rice Engineering, dated September 26, 2006, signed and sealed by L. David Rice, P.E.
(Submitted under previous NOA# 06-0602.01)
2. Structural Load Verification calculations and structural analysis, prepared by Airolite Architectural Louvers, Grilles & Sun, dated May 11, 1999, signed and sealed by J. F. Bir, P.E.
(Submitted under previous NOA# 00-0112.01)

D. QUALITY ASSURANCE

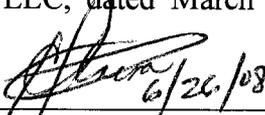
1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS

1. Statement letter of conformance issued by Rice Engineering, dated June 04, 2008, signed and sealed by L. David Rice, P.E.
2. Testing agreement letter, dated February 19, 2008 between Fenestration Testing Laboratory (ATI) and The Airolite Company, LLC, issued by ATI.
3. Revision Request Letter issued by The Airolite Company, LLC, dated March 25, 2006, signed by Randal Geedey.
(Submitted under previous NOA# 06-0602.01)


6/26/08

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 08-0611.07

Expiration Date: July 06, 2009
Approval Date: July 17, 2008

The Airolite Company, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

4. Testing agreement letter, dated February 17, 2006 between Fenestration Testing Laboratory (ATI) and The Airolite Company, LLC, issued by ATI.
(Submitted under previous NOA# 06-0602.01)
5. Assets Purchase Agreement between The Airolite Company, Louv-Aire, Inc. and The Airolite Company, LLC, dated June 30, 2004, signed by R. A. Greenheck and Leight Murray.
(Submitted under previous NOA# 05-0912.12)
6. Private Labeling Agreement document in conformance to BCCO guidelines between The Airolite Company, LLC and Greenheck Fan Corporation signed by R. Greenheck and P. Neitzel and notarized by K. K. Steffeck.
(Submitted under previous NOA# 05-0912.12)
7. Letter of no change issued by The Airolite Company, LLC, dated May 29, 2003, signed by Randal Geedey.
(Submitted under previous NOA# 03-0306.02)
8. Statement letter of conformance, dated May 08, 2000, signed and sealed by D. G. Farabaugh, P.E.
(Submitted under previous NOA# 00-0112.01)
9. Laboratory compliance letter for Test Report no. **ATI 01-34323.01**, issued by Architectural Testing, Inc., dated April 15, 1999, signed and sealed by A. N. Reeves, P.E.
(Submitted under previous NOA# 00-0112.01)

G. OTHERS

1. Notice of Acceptance No. **06-0602.01**, issued to The Airolite Company, LLC for their Series "Aluminum Louver Model K605MD", approved on February 17, 2007 and expiring on July 06, 2008.
2. One year additional conditional approval, dated July 17, 2008, subjected to successful verification test, the final approval will be balanced of total 5 years.
3. One year conditional approval, dated February 17, 2007, subjected to successful verification test.
(Submitted under previous NOA# 06-0602.01)



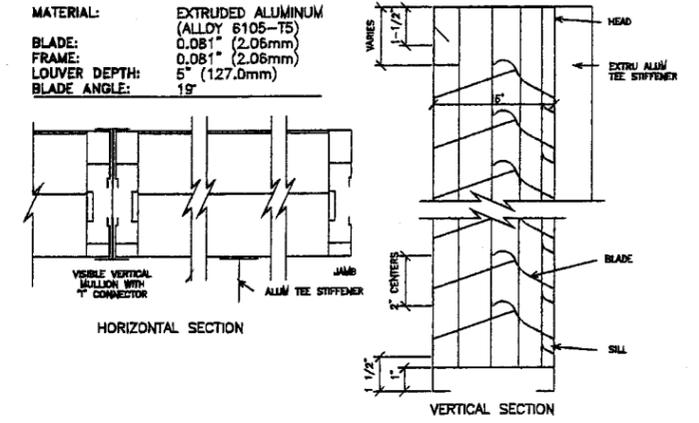
6/26/08

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 08-0611.07
Expiration Date: July 06, 2009
Approval Date: July 17, 2008

GENERAL NOTES:

- 1) MAXIMUM UNSUPPORTED BLADE LENGTH SHALL NOT EXCEED 72" WITH OUT STIFFENER AND 144" WITH STIFFENER.
- 2) THE MAXIMUM DESIGN PRESSURE RATING IS ±110PSF
- 3) THIS SYSTEM HAS NOT BEEN TESTED FOR WATER INFILTRATION RESISTANCE AND IS NOT A WATER RESISTANT SYSTEM.
- 4) THE LOUVERS, FRAMES, HARDWARE/FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS AND MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THESE DRAWINGS.
- 5) THESE LOUVER ARE TO BE INSTALLED IN A LOCATION WHERE THE ROOM BEHIND THE LOUVERS IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM, AND THE ROOM WILL HOUSE WATER RESISTANT/WATER PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES.

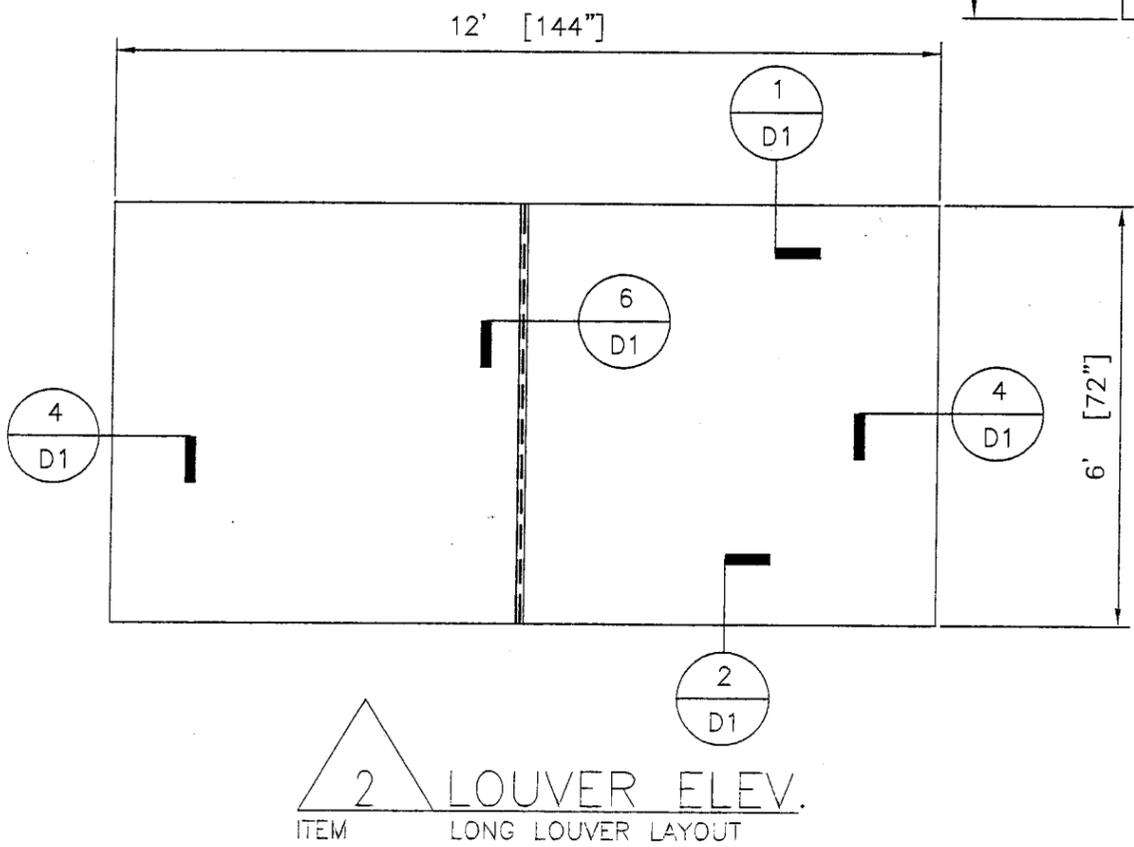
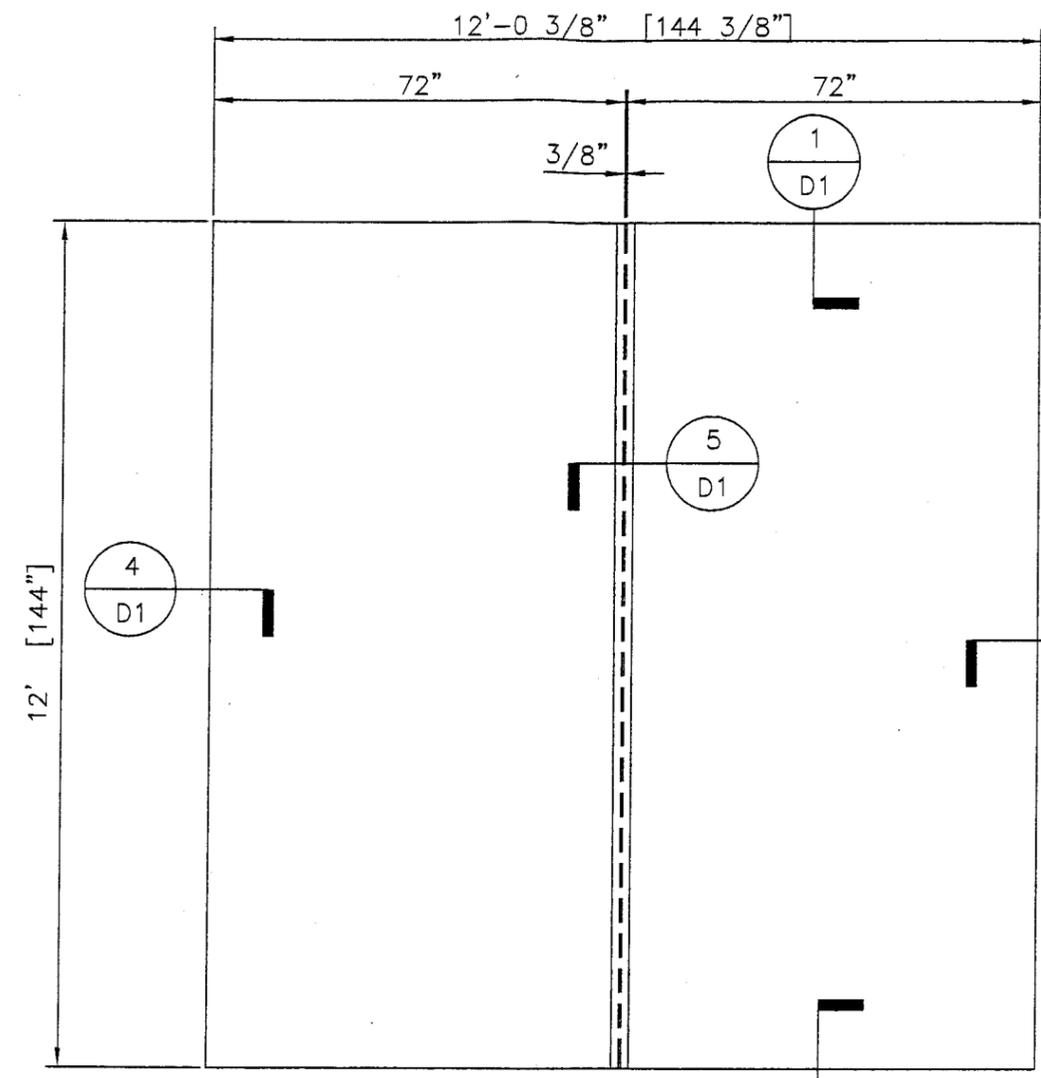
MATERIALS
LOUVER TYPE
K605MD
SIGHTPROOF BLADE LOUVER



BLADES SHALL BE JOINED TO EACH JAMB FRAME AND VERTICAL STIFFENING MEMBER WITH TWO FILLET WELDS EACH 1" (25.4mm) LONG PRODUCED WITH THE PULSED GAS METAL ARC WELDING PROCESS (GMAW/MIG) WITH A MINIMUM 0.125" (3.18mm) THROAT. FRAMES SHALL BE JOINED AT EACH CORNER WITH FULL-LENGTH GMAW FILLET WELDS WITH A MINIMUM 0.125" (3.18mm) THROAT. MANUFACTURER SHALL SUBMIT THEORETICAL CALCULATIONS PREPARED BY A PROFESSIONAL ENGINEER SPECIALIZING IN THE APPLICATION OF WELDING TECHNOLOGY DEMONSTRATING THAT EACH WELD WILL WITHSTAND A MINIMUM 526 POUNDS OF FORCE IN SHEAR.

LOUVERS SHALL BE FACTORY PRIMED AND FINISHED-AFTER-ASSEMBLY WITH A KYMAR 500 (PVF₂) RESIN COATING IN A COLOR SELECTED FROM THE MANUFACTURERS STANDARD COLOR CHART.

- FASTENER INDEX**
- F1-#10 x 5/8" long stainless steel indented hex head thread cutting screw, natural mill.
 - F8-1/4"-2 1/4" Hiiti stainless steel sleeve anchor, 1 1/8" min embed depth.
 - F9-1/4"-20 x 3/4" stainless steel thread cutting screw.
 - F10-1/4"-20 x 1" lg stainless steel indented hex head thread cutting screw.
 - F11-1/4"-20 x 1" lg 410 stainless steel indented hex head thread cutting screw.
- CLIP INDEX**
- C1-1 1/4" x 1 1/2" x 1 1/2" long 0.125 aluminum clip angle, alloy 6105-T5, natural mill.
 - C2-1 1/4" x 1 1/2" continuous 0.125 aluminum angle, alloy 6105-T6, natural mill.
 - C12-4" x 6" x 5" long 5/16" steel clip angle, primecoat, shipped loose.
 - C13-4" x 6" x 12" long 5/16" steel clip angle, primecoat, shipped loose.
 - C16-2" x 2" continuous B ga aluminum angle, alloy 6061-T5, natural mill.
 - C17-1 1/4" x 1 1/2" continuous B ga aluminum angle, alloy 6105-T5, natural mill.
- FINISH SCHEDULE**
- ◆ KYMAR 500 (SPECIFY COLOR)
- MISCELLANEOUS INDEX**
- M4-Shims as required, not by AiroLite.
 - M10-2" x .087# extruded aluminum "I" beam, alloy 6061-T6, PART# 125430



1 LOUVER ELEV.
 ITEM SHORT LOUVER LAYOUT

2 LOUVER ELEV.
 ITEM LONG LOUVER LAYOUT

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No 08-0611-07
 Expiration Date 07/06/2009
 By *[Signature]*
 Miami Dade Product Control Division

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 08-0602-01
 Expiration Date July 6 2008
 By *[Signature]*
 Miami Dade Product Control Division

L. DAVID RICE
 DEC 06 2006

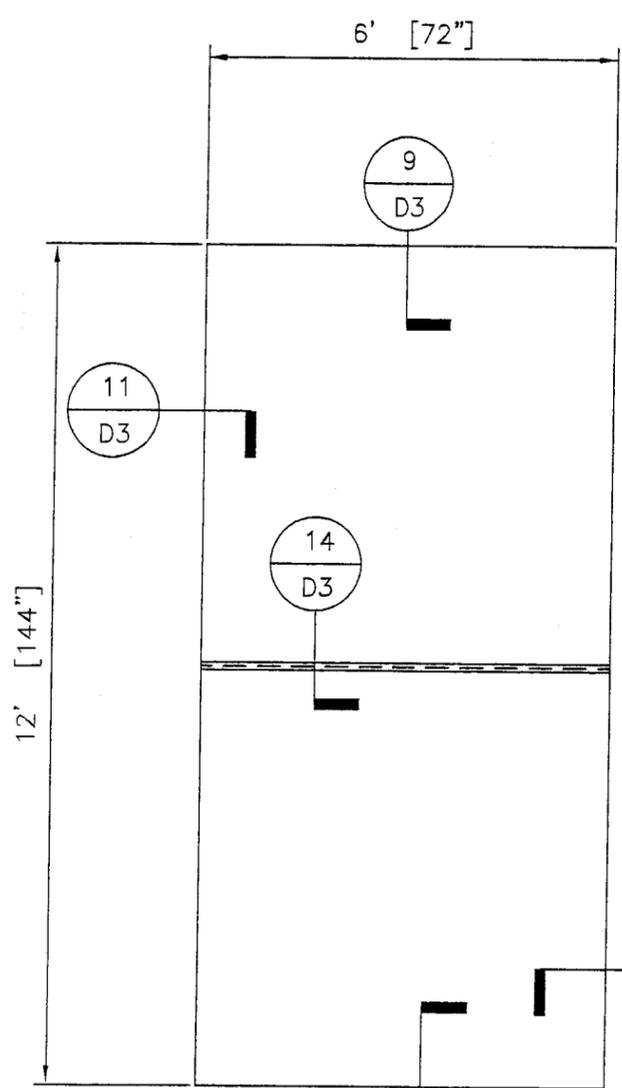
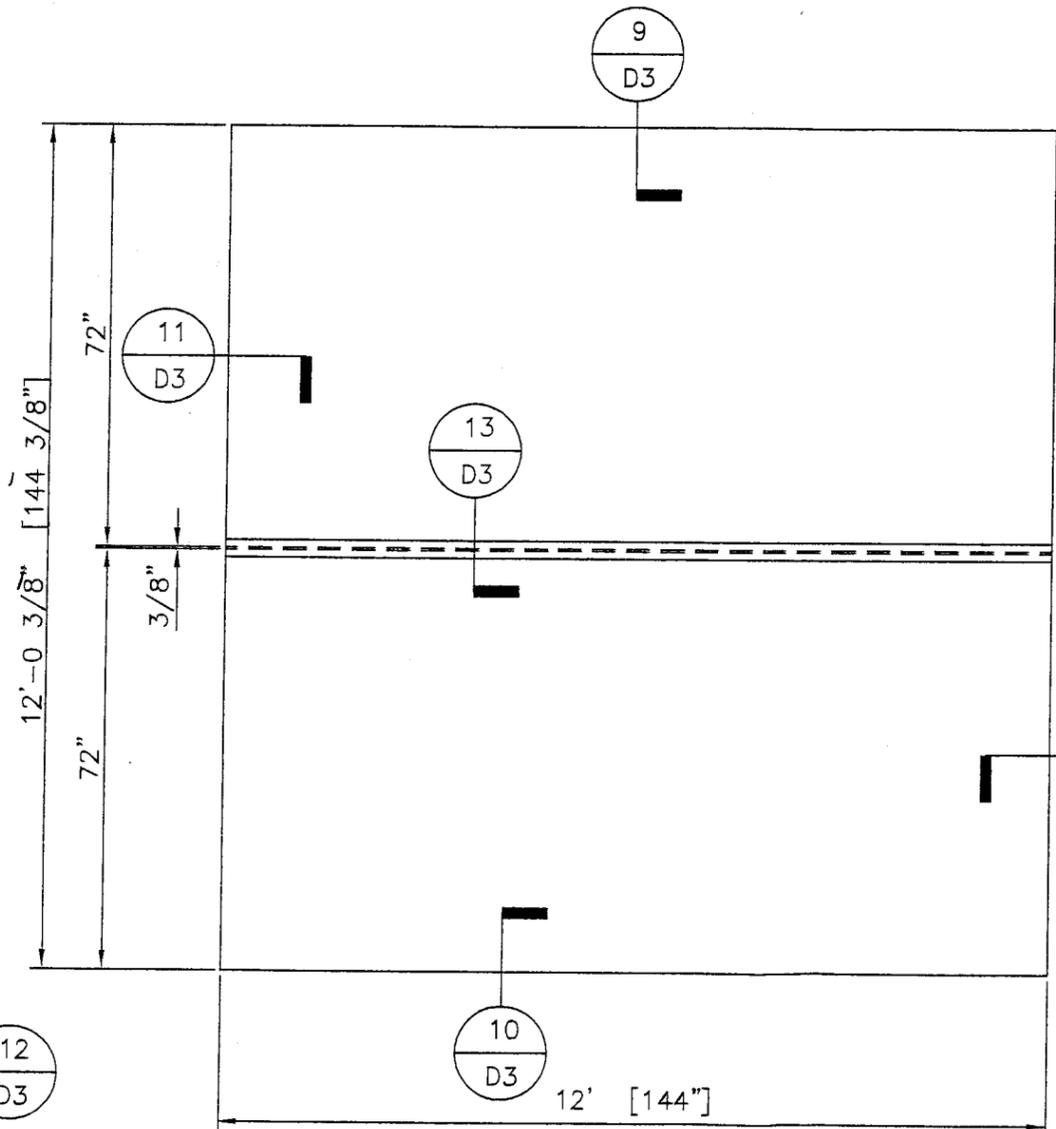
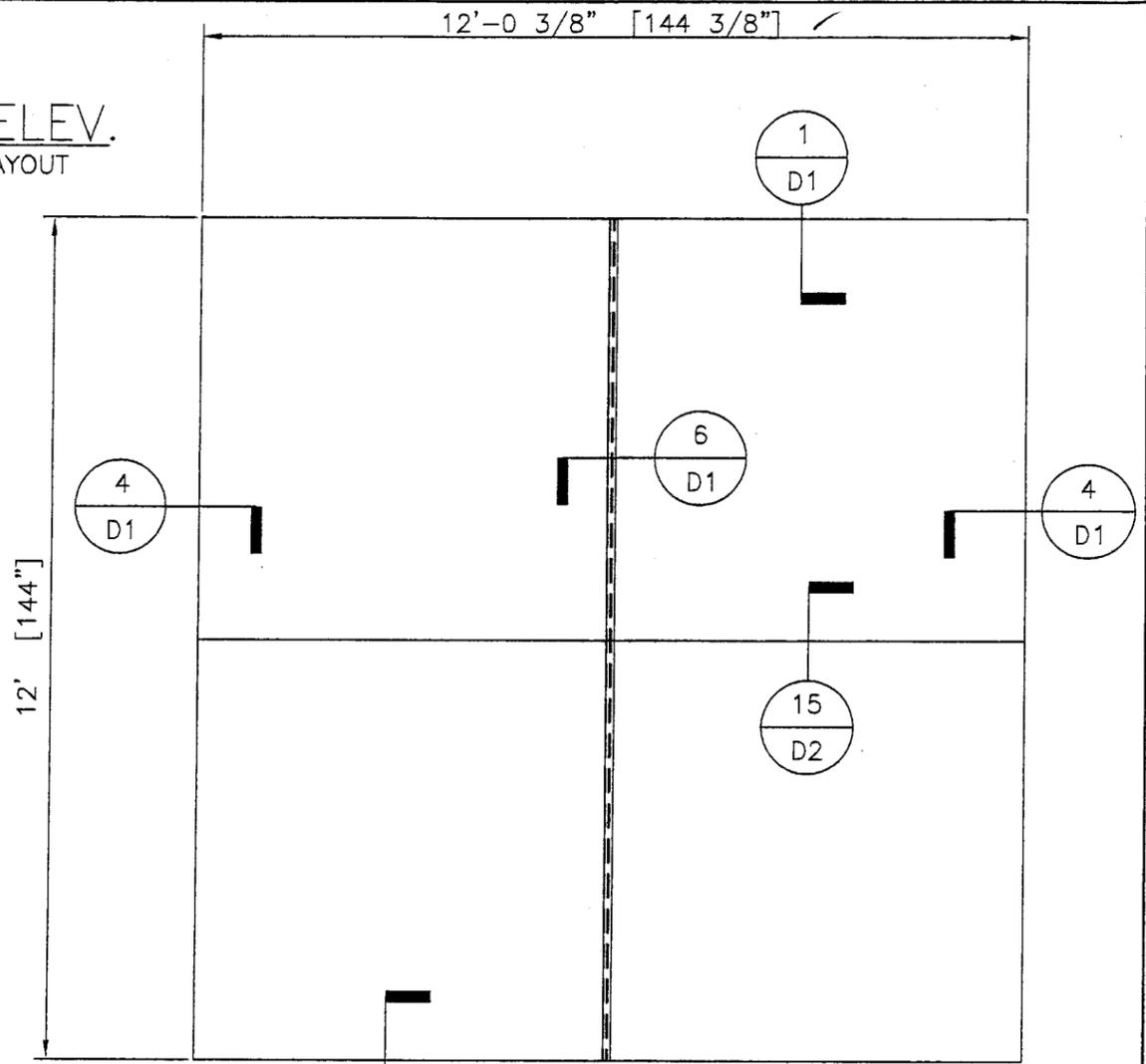
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11	ADDED DETAILS FOR STUD & TUBE ATTACHMENTS	09/26/06	DMH
10	ADDED VERTICAL LOUVER ELEVATION & DETAILS	03/30/06	DJY
9	ENLARGED PD TEXT & REMOVED PROP. BLOCK	10/13/05	AK
8	ADDED NEW LOGO	8/4/05	BRS
7	ADDED NOTE 5	5/19/03	JDM
6	ADDED REQUESTED NOTES	5-22-00	BDM
5	ADDED REQUESTED NOTES	4-14-00	BDM
4	CLARIFIED DRAWING	04/13/99	JLC
3	CLARIFIED DRAWING	04/07/99	JLC
2	CLARIFIED DRAWING	03/25/99	JLC
1	CLARIFIED DRAWING	02/11/99	JLC



DRAWING TITLE: ELEVATIONS K605 METRO DADE LOUVERS	
PROJECT:	
LOCATION:	
ARCHITECT:	
CUSTOMER:	
CUSTOMER PO#:	
SALES REP:	
DATE: 11/09/98	SPEC. SECTION: ORDER NO. DRAWING NO.
B-SIZE SCALE: NONE	DWN BY: JLC
D-SIZE SCALE: NONE	CHK'D BY:

ABBREVIATIONS
 NBK.....NOT BY AIROLITE
 LW.....LOUVER WIDTH
 LH.....LOUVER HEIGHT
 GW.....GRILLE WIDTH
 GH.....GRILLE HEIGHT
 SW.....SECTION WIDTH
 SH.....SECTION HEIGHT
 EL.....ELEVATION
 CL.....COLUMN LINE
 RO.....ROUGH OPENING

5 LOUVER ELEV.
ITEM SHORT LOUVER LAYOUT



3 LOUVER ELEV.
ITEM TALL LOUVER LAYOUT
VERTICAL BLADES

4 LOUVER ELEV.
ITEM SHORT LOUVER LAYOUT
VERTICAL BLADES

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 06-0602-01
Expiration Date July 6, 2008
By [Signature]
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 08-0611-07
Expiration Date 07/06/2009
By [Signature]
Miami Dade Product Control
Division

L. DAVID RICE

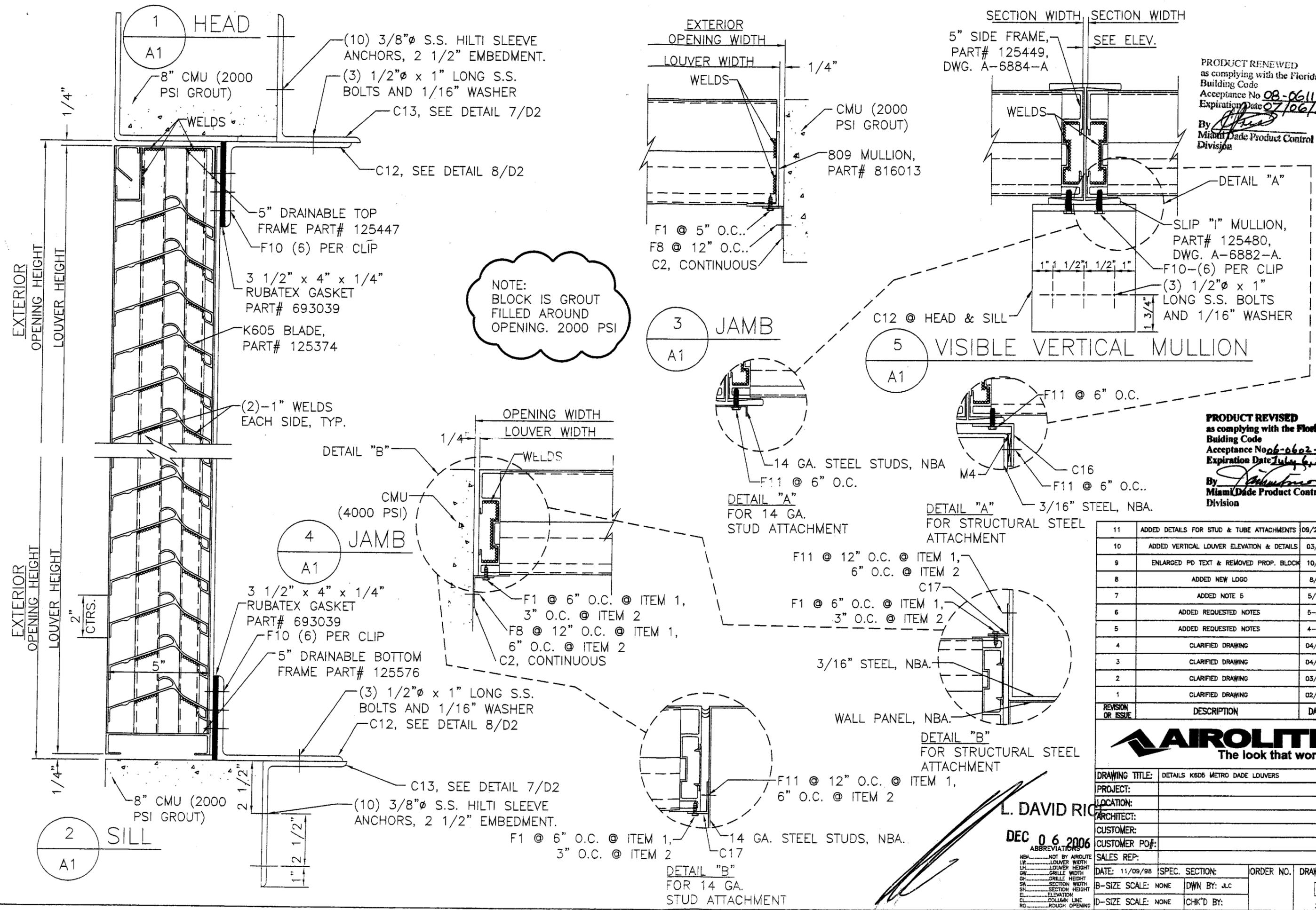
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9	ENLARGED PD TEXT & REMOVED PROP. BLOCK	10/13/06	AK
8	ADDED NEW LOGO	8/4/05	BRS
7	ADDED NOTE 5	5/19/03	JDM
6	ADDED REQUESTED NOTES	5-22-00	BDW
5	ADDED REQUESTED NOTES	4-14-00	BDW
4	CLARIFIED DRAWING	04/13/99	JLC
3	CLARIFIED DRAWING	04/07/99	JLC
2	CLARIFIED DRAWING	03/25/99	JLC
1	CLARIFIED DRAWING	02/11/99	JLC



DRAWING TITLE: ELEVATIONS K805 METRO DADE LOUVERS	
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ARCHITECT:	
CUSTOMER:	
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ORDER NO.	DRAWING NO.
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D-SIZE SCALE: NONE	CHK'D BY:

ABBREVIATIONS
 NBA.....NOT BY AIROLITE
 LW.....LOUVER WIDTH
 LH.....LOUVER HEIGHT
 GW.....GRILLE WIDTH
 GH.....GRILLE HEIGHT
 SW.....SECTION WIDTH
 SH.....SECTION HEIGHT
 EL.....ELEVATION
 CL.....COLUMN LINE
 RO.....ROUGH OPENING

DEC 06 2006



PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No 08-0611.07
Expiration Date 07/06/2009
By *[Signature]*
Miami Dade Product Control Division

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 06-0602-01
Expiration Date July 6, 2008
By *[Signature]*
Miami Dade Product Control Division

REVISION OR ISSUE	DESCRIPTION	DATE	BY
11	ADDED DETAILS FOR STUD & TUBE ATTACHMENTS	09/26/06	DMH
10	ADDED VERTICAL LOUVER ELEVATION & DETAILS	03/30/06	DJY
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3	CLARIFIED DRAWING	04/07/98	JLC
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1	CLARIFIED DRAWING	02/11/98	JLC

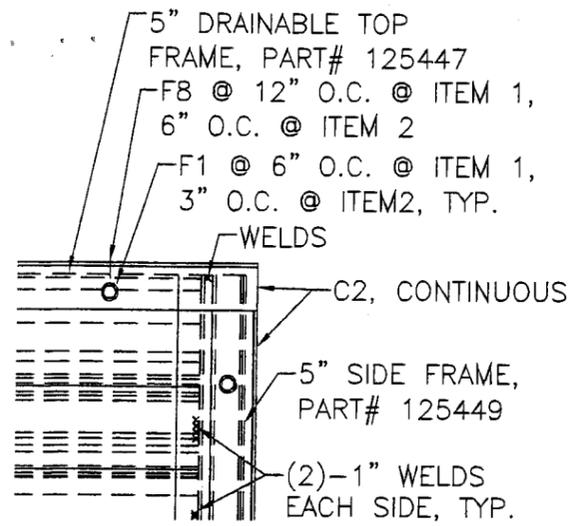


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ARCHITECT:			
CUSTOMER:			
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D-SIZE SCALE: NONE	CHK'D BY:		3 OF 5

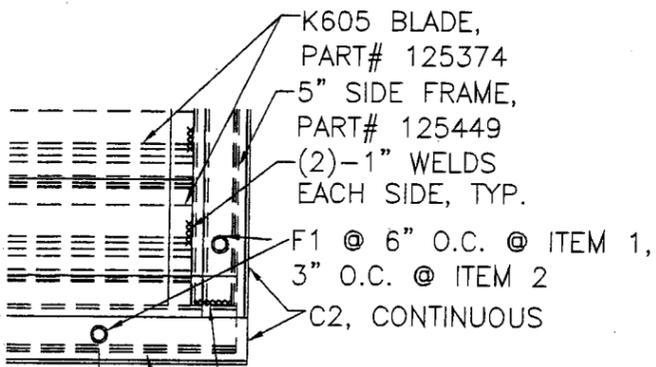
L. DAVID RIC
DEC 06 2006

ABBREVIATIONS
NBA.....NOT BY AIROLITE
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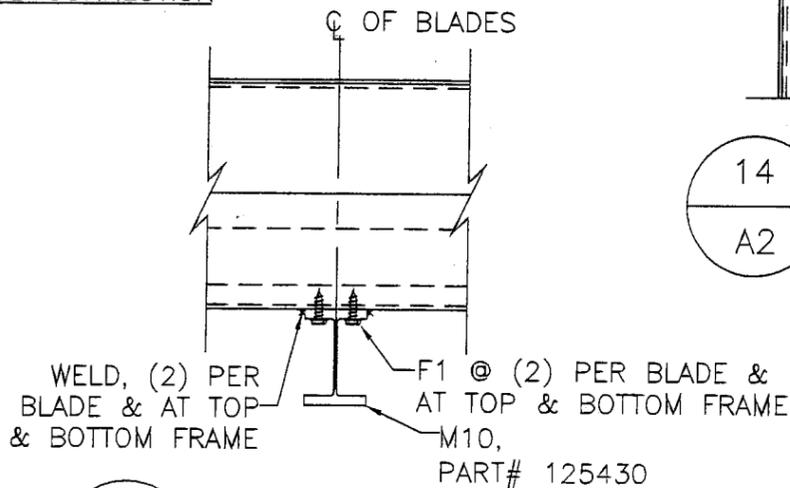
COPYRIGHT 2006, THE AIROLITE COMPANY, LLC



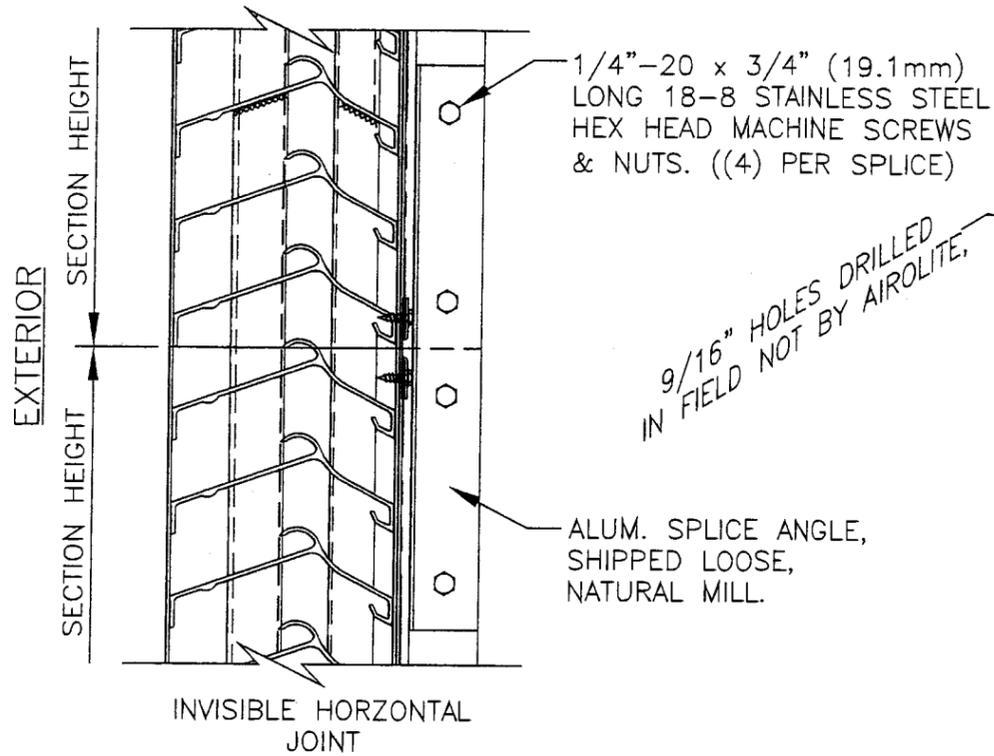
INTERIOR HEAD & JAMB CONNECTION



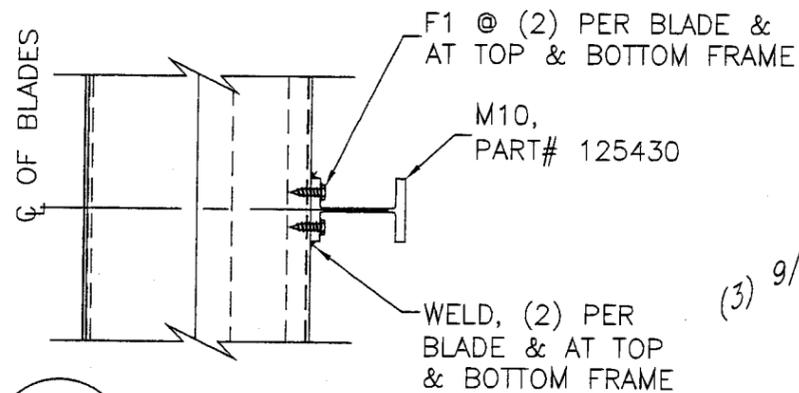
INTERIOR SILL & JAMB CONNECTION



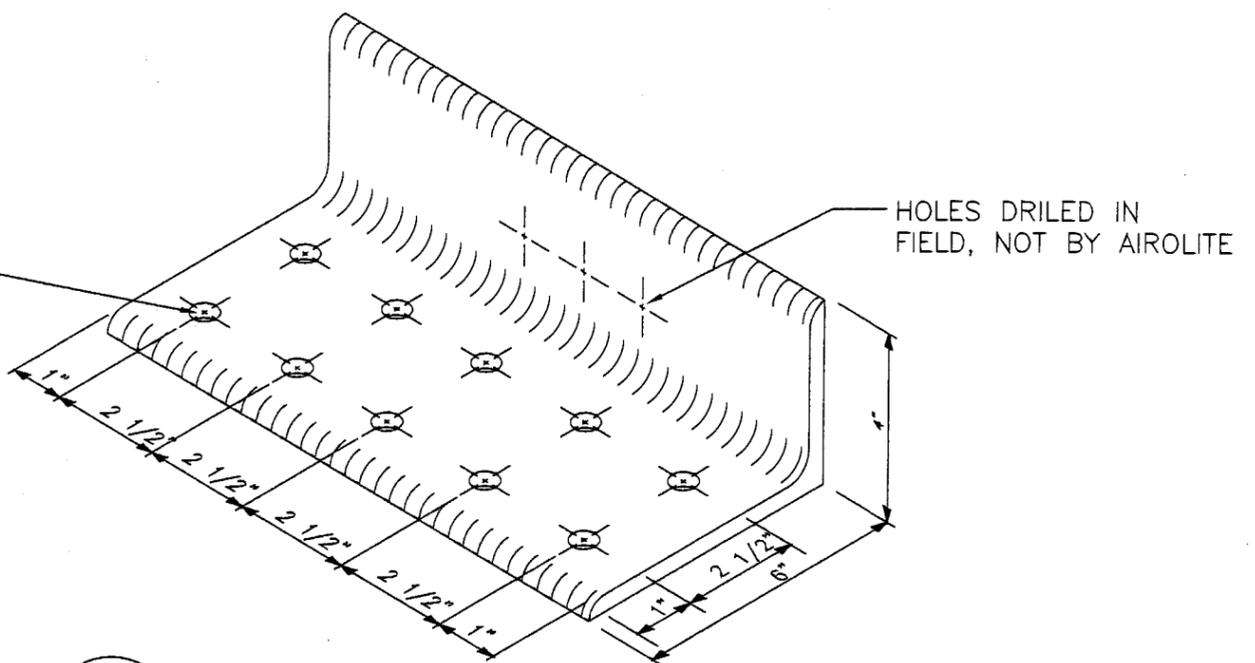
6 TEE STIFFENER HORIZONTAL



15 HORIZONTAL JOINT

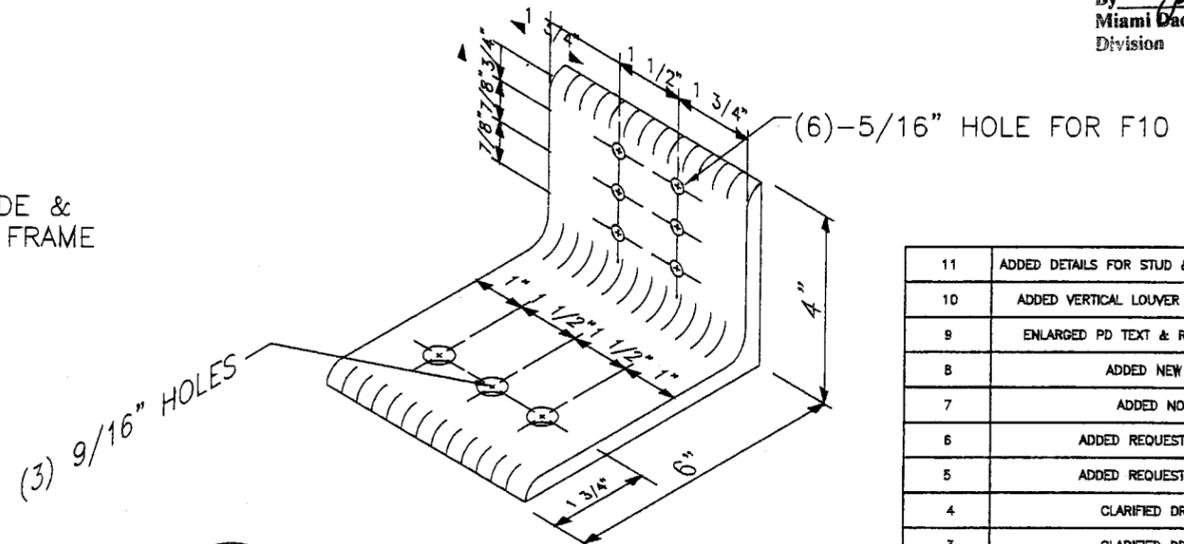


14 TEE STIFFENER VERTICAL



7 C13-ISOMETRIC
 D1 4" x 6" x 12" LG. 5/16" STEEL ANGLE
 PRIME COAT, SHIPPED LOOSE
 PART# 600758

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 06-0602-01
 Expiration Date July 6, 2008
 By [Signature]
 Miami Dade Product Control Division



8 C12-ISOMETRIC
 D1 4" x 6" x 5" LG. 5/16" STEEL ANGLE
 PRIME COAT, SHIPPED LOOSE
 PART# 600757

PRODUCT RENEWED as complying with the Florida Building Code
 Acceptance No 08-0611-07
 Expiration Date 07/06/2009
 By [Signature]
 Miami Dade Product Control Division

L. DAVID RICE
 DEC 06 2006
 ALL-WELDED ASSEMBLY

ABBREVIATIONS

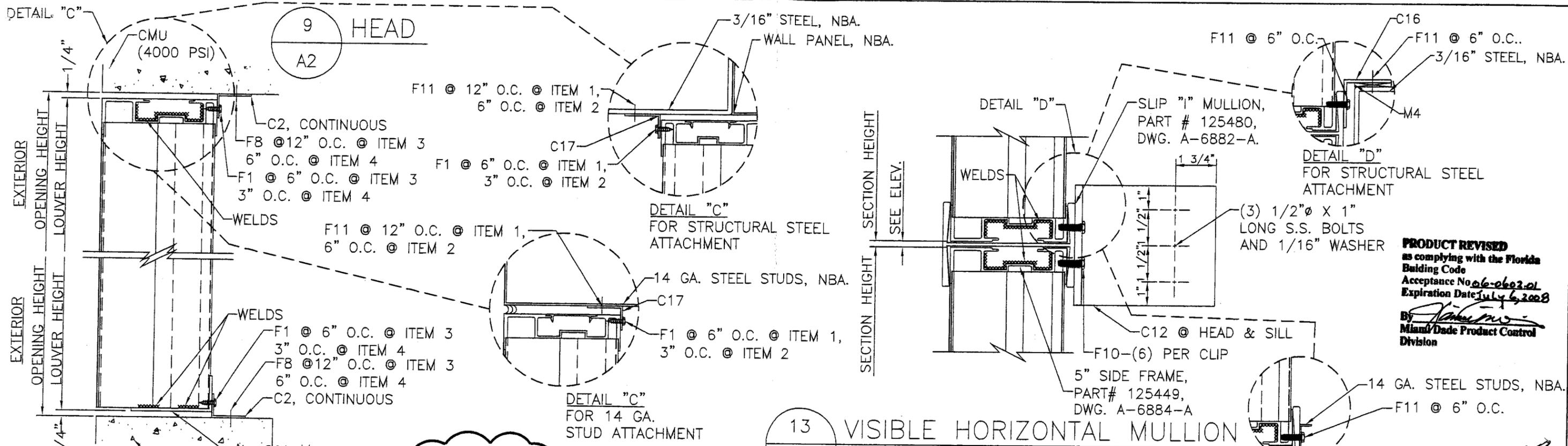
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REVISION OR ISSUE	DESCRIPTION	DATE	BY
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6	ADDED REQUESTED NOTES	5-22-00	BDW
5	ADDED REQUESTED NOTES	4-14-00	BDW
4	CLARIFIED DRAWING	04/13/99	JLC
3	CLARIFIED DRAWING	04/07/99	JLC
2	CLARIFIED DRAWING	03/25/99	JLC
1	CLARIFIED DRAWING	02/11/99	JLC



DRAWING TITLE: DETAILS K605 METRO DADE LOUVERS			
PROJECT:			
LOCATION:			
ARCHITECT:			
CUSTOMER:			
CUSTOMER PO#:			
SALES REP:		DATE: 11/09/98	
B-SIZE SCALE: NONE		SPEC. SECTION: DWN BY: JLC	
D-SIZE SCALE: NONE		CHK'D BY:	
ORDER NO.		DRAWING NO. D2	
		4 OF 5	

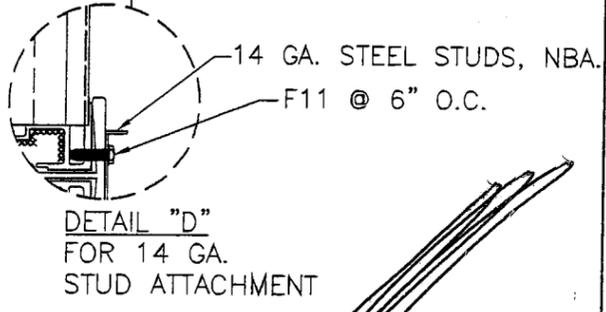
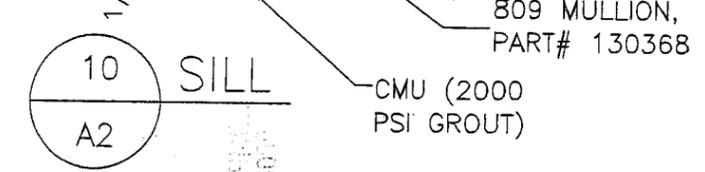
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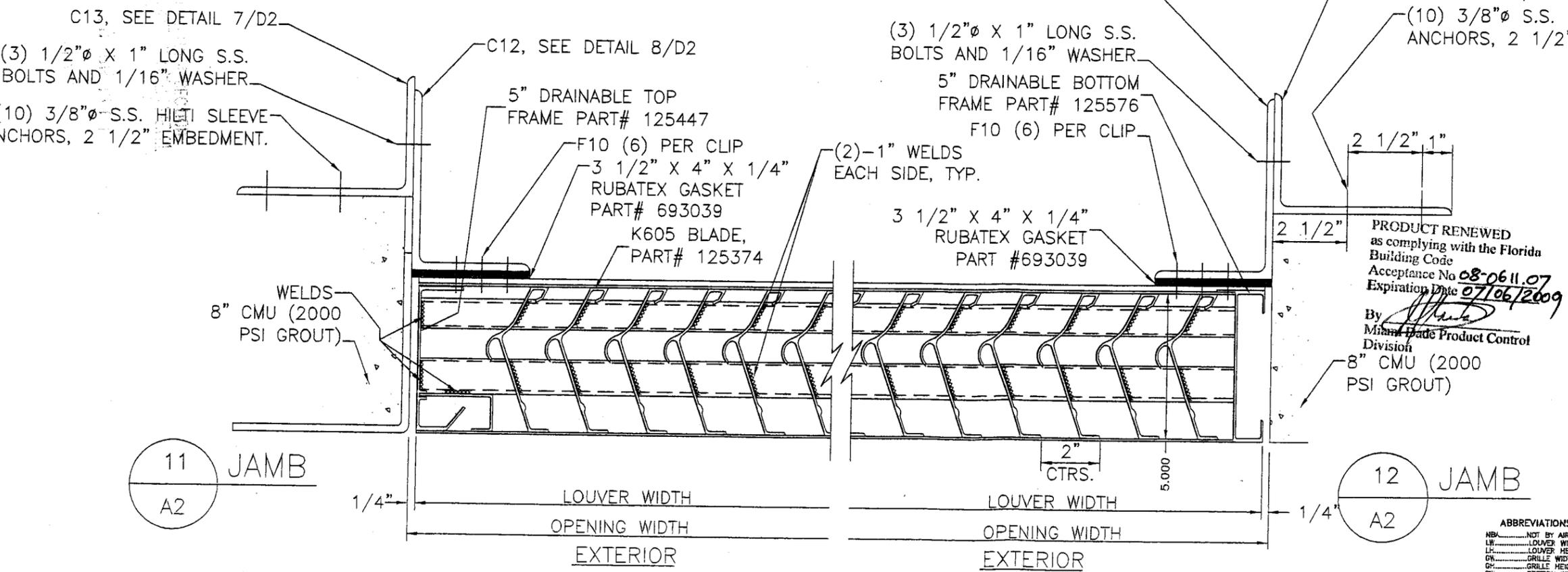
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 06-0602.01
 Expiration Date July 6, 2008
 By *[Signature]*
 Miami Dade Product Control
 Division

NOTE:
 BLOCK IS GROUT
 FILLED AROUND
 OPENING. 2000 PSI

13
 A2
 VISIBLE HORIZONTAL MULLION



L. DAVID RICE
 DEC 06 2006



PRODUCT RENEWED
 as complying with the Florida
 Building Code
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 Division

REVISION OR ISSUE	DESCRIPTION	DATE	BY
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5	ADDED REQUESTED NOTES	4-14-04	BDM
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1	CLARIFIED DRAWING	02/11/99	JLC



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CUSTOMER PO#:			
SALES REP:			
DATE: 11/09/98	SPEC. SECTION:	ORDER NO.	DRAWING NO.
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D-SIZE SCALE: NONE	CHK'D BY:		5 OF 5

ABBREVIATIONS
 NBA.....NOT BY AIROLITE
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