



**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)

**The Airolite Company
114 Westview Ave.
Marietta, OH 45750**

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Aluminum Louver Model K/CB 605.

APPROVAL DOCUMENT: Drawing No.A1, D1 & D2, titled "ELEVATIONS & DETAILS K605 METRO DADE LOUVERS" dated 11/09/98 with last revision on 05/19/03, prepared by Airolite Marietta Ohio USA, signed and sealed by C. R. Nangia P.E., bearing the Miami-Dade County Product Control Renewal stamp with the NOA 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.

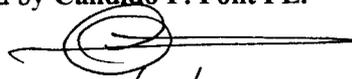
RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

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 NOA # 00-0112.01 and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Candido F. Font PE.**


07/10/03



**NOA No: 03-0306.02
Expiration Date: July 06, 2008
Approval Date: July 10, 2003
Page 1**

The Airolite Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

A. DRAWINGS.

1. Drawing prepared by The Airolite Company titled "Elevations & Details K605 Metro Dade Louvers," Drawing No. A1, D1 & D2, dated 11/09/98 with last revision on 05/19/03. signed and sealed by C. P. Nangia, PE.

B. TESTS.

1. Test report on Large Missile Impact Test per PA 201, Cyclic Wind Pressure Test per PA 203 and Uniform Static Air Pressure Test per PA 202 of "K/CB605 Louvers for the American Airline Arena", prepared by Architectural Testing, Inc., report No. 01-34323.01, dated 04/15/99, signed and sealed by A. N. Reeves, PE

C. CALCULATIONS.

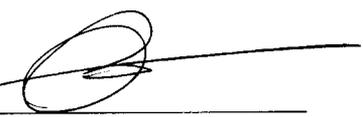
1. Structural Load Calculations for American Airlines Arena with documentation prepared by Airolite Architectural Louvers, Grilles & Sun Controls sheet 1 through 25 of 25, signed and sealed by J. F. Bir, PE on 05/11/99

D. MATERIAL CERTIFICATIONS.

N/A

E. STATEMENTS

1. Code compliance letter issued by D. G. Farabaugh, PE on 05/08/00, signed and sealed by D. G. Farabaugh on 05/08/00, PE.
2. No change letter issued by The Airolite Co. on 05/29/03 and signed by Randal Geedey.

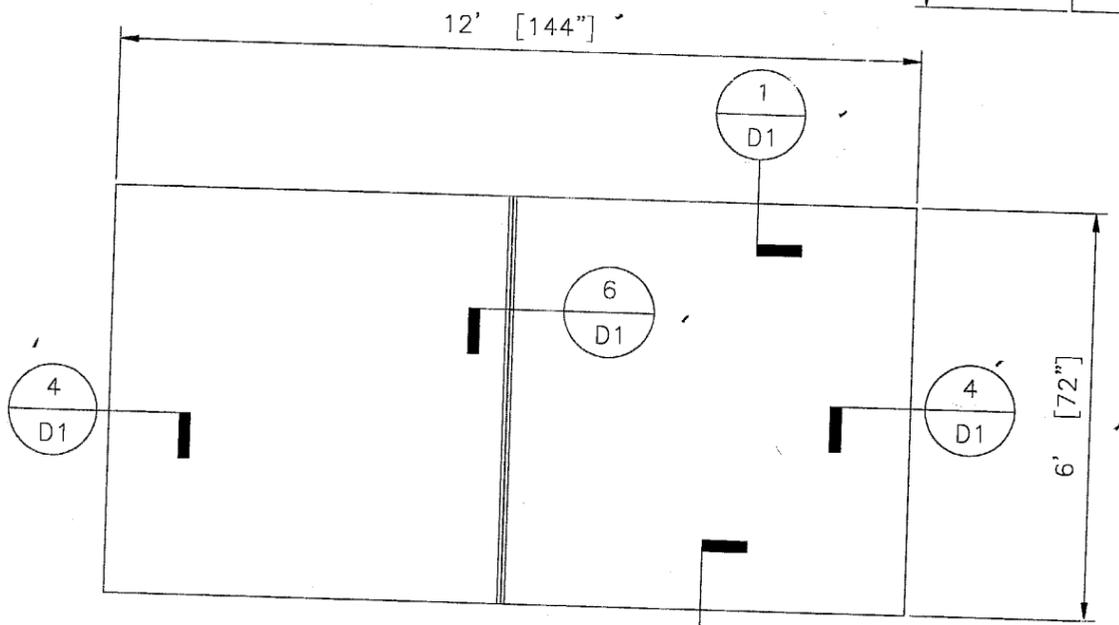
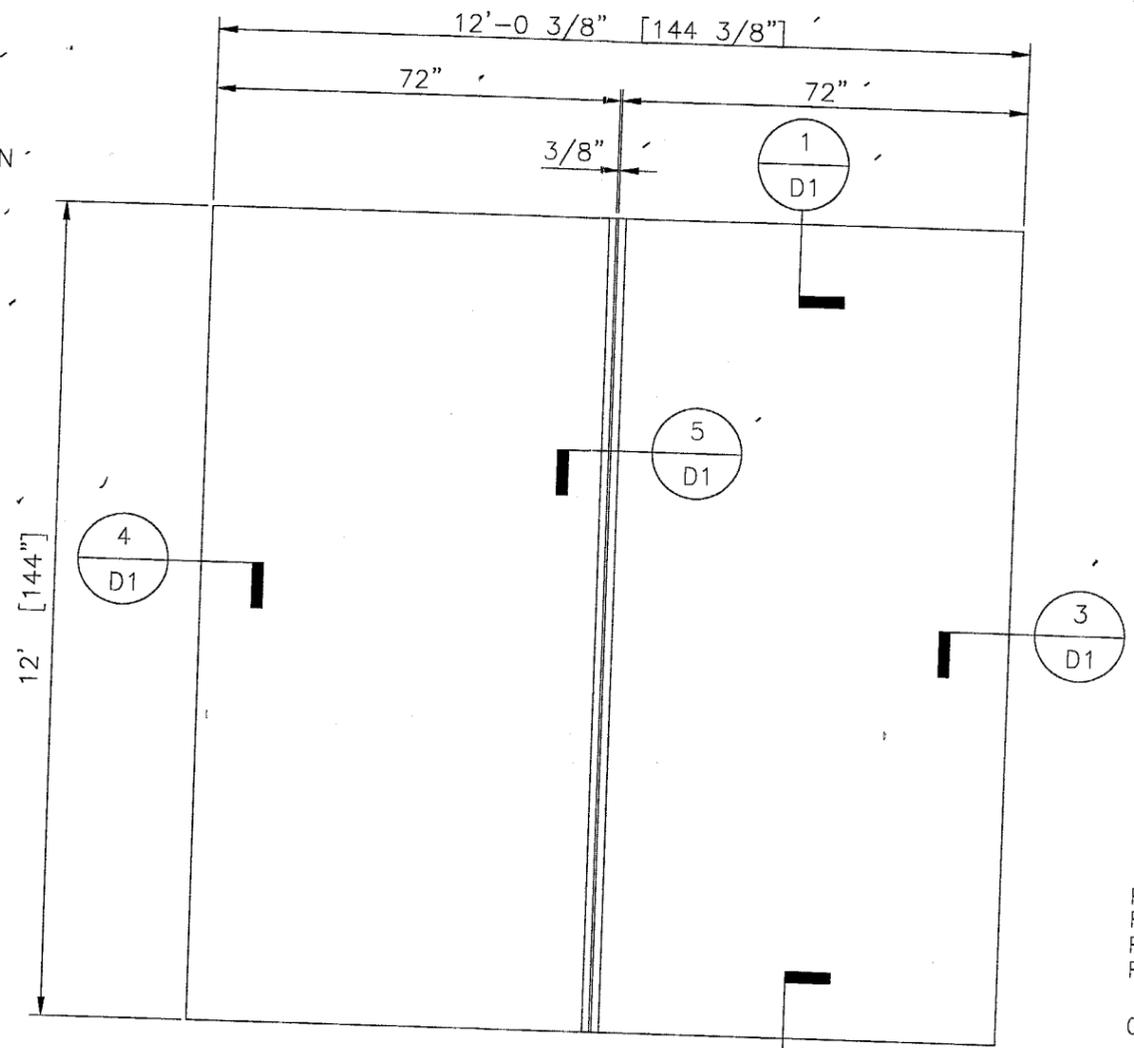


Candido F. Font PE.
Sr. Product Control Examiner
NOA No 03-0306.02
Expiration Date: July 06, 2008
Approval: Date: July 10, 2003

IF IN DOUBT-ASK!

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.

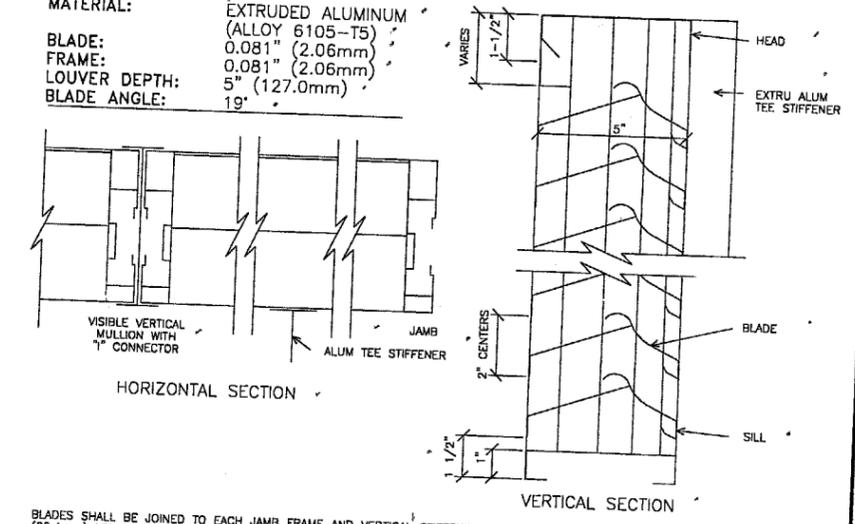


1 LOUVER ELEV.
ITEM SHORT LOUVER LAYOUT

2 LOUVER ELEV.
ITEM LONG LOUVER LAYOUT

MATERIALS
LOUVER TYPE
K605
SIGHTPROOF BLADE LOUVER

MATERIAL: EXTRUDED ALUMINUM (ALLOY 6105-T5)
BLADE: 0.081" (2.06mm)
FRAME: 0.081" (2.06mm)
LOUVER DEPTH: 5" (127.0mm)
BLADE ANGLE: 19°



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 525 POUNDS OF FORCE IN SHEAR.
LOUVERS SHALL BE FACTORY PRIMED AND FINISHED-AFTER-ASSEMBLY WITH A KYNAR 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" Hilti 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.

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.

FINISH SCHEDULE

- (A) KYNAR 500 (SPECIFY COLOR)

MISCELLANEOUS INDEX

- M10-2" x .087# extruded aluminum "I" beam, alloy 6061-T6, PART# 013550.

CHANDER P. NANGIA, P.E.
7423 HOLLOW RIDGE DR.
HOUSTON, TX 77095
FLORIDA PE # 21938

PRODUCT RENEWED
in compliance with the Florida Building Code
Acceptance No. 03-0306.02
Expiration Date: 01/09/08
By: *[Signature]*
Miami Dade Product Control Division

[Signature]
MAY 28 2008

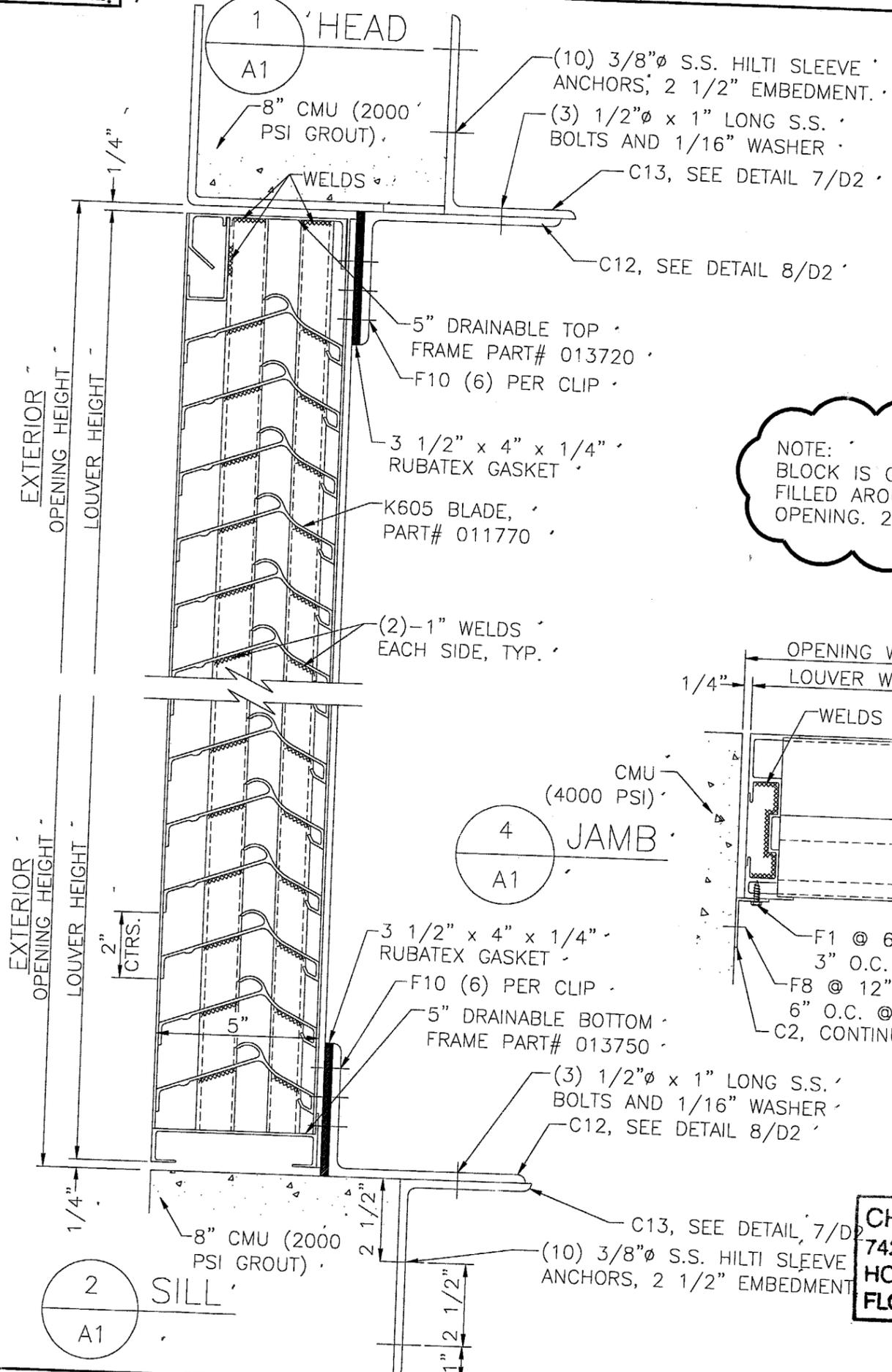
ABBREVIATIONS

- WA.....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

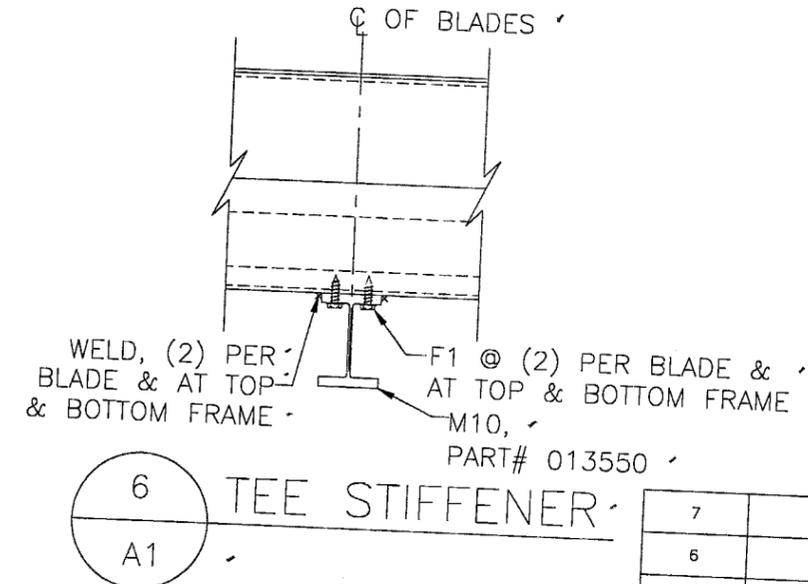
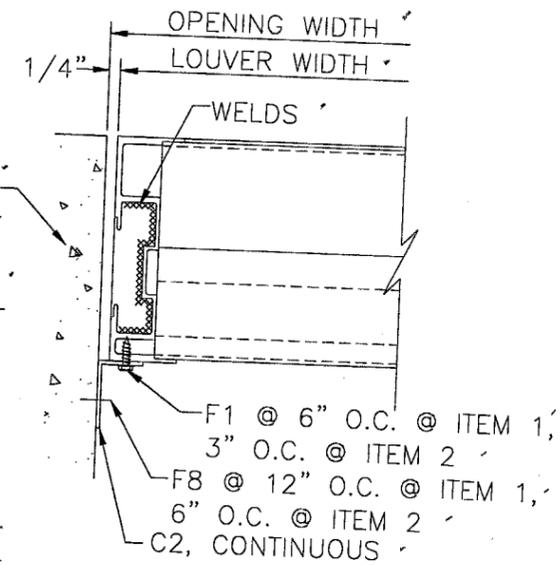
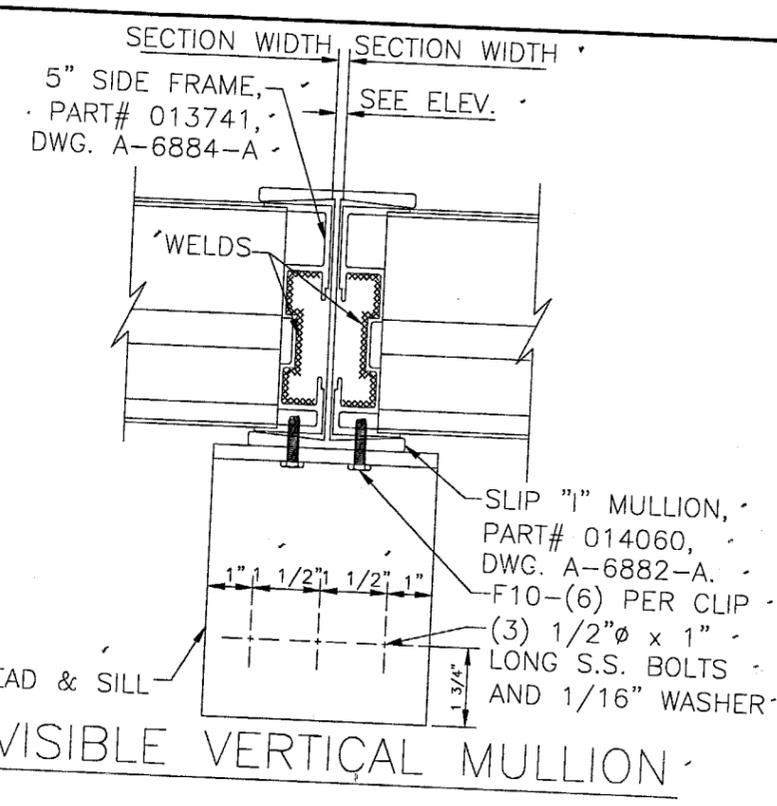
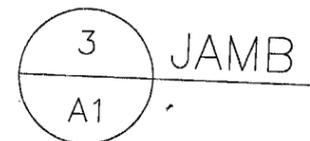
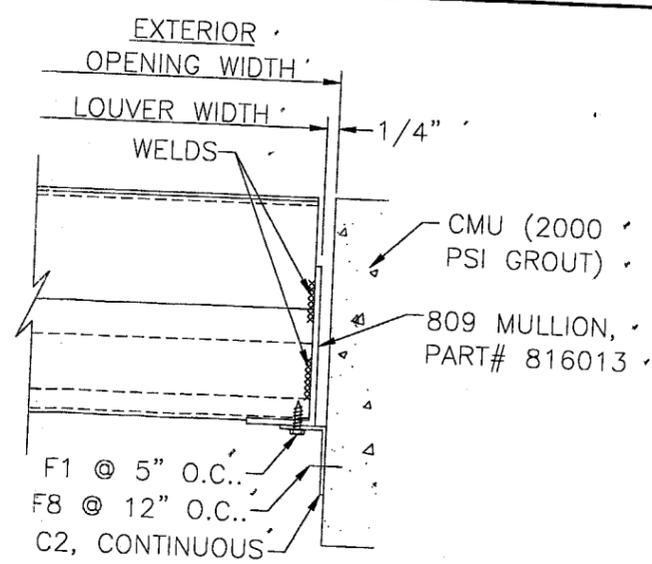
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7			ADDED NOTE 5	5/19/03	JDM
6			ADDED REQUESTED NOTES	5-22-00	BDM
5			ADDED REQUESTED NOTES	4-14-00	BDM
4			CLARIFIED DRAWING	04/13/99	JLC
3			CLARIFIED DRAWING	04/07/99	JLC
2			CLARIFIED DRAWING	03/25/99	JLC
1			CLARIFIED DRAWING	02/11/99	JLC

AIROLITE® MARIETTA, OHIO USA			
DRAWING TITLE: ELEVATIONS K605 METRO DADE LOUVERS			
DATE: 11/09/98	DWN BY: JLC J0516188	SHEET NO. A-6825-D	DRAWING NO. A1
SCALE: NONE	CHK'D BY:	1 OF 3	

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NOTE: BLOCK IS GROUT FILLED AROUND OPENING. 2000 PSI



PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. 03-0306-02
Expiration Date 01/06/08
By *[Signature]*
Miami Dade Product Control Division

CHANDER P. NANGIA, P.E.
7423 HOLLOW RIDGE DR.
HOUSTON, TX 77095
FLORIDA PE # 21938

[Signature]
MAY 28 2003

REVISION OR ISSUE	DESCRIPTION	DATE	BY
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1	CLARIFIED DRAWING	02/11/99	JLC
ISSUED	FOR APPROVAL		
	DESCRIPTION		

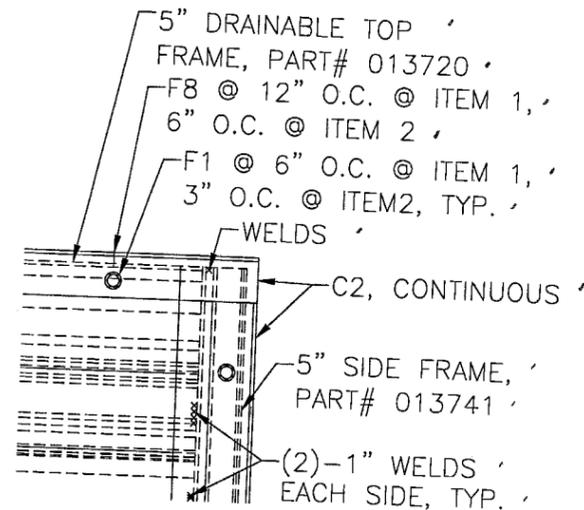
AIROLITE®
MARIETTA, OHIO USA

DRAWING TITLE: DETAILS K605 METRO DADE LOUVERS

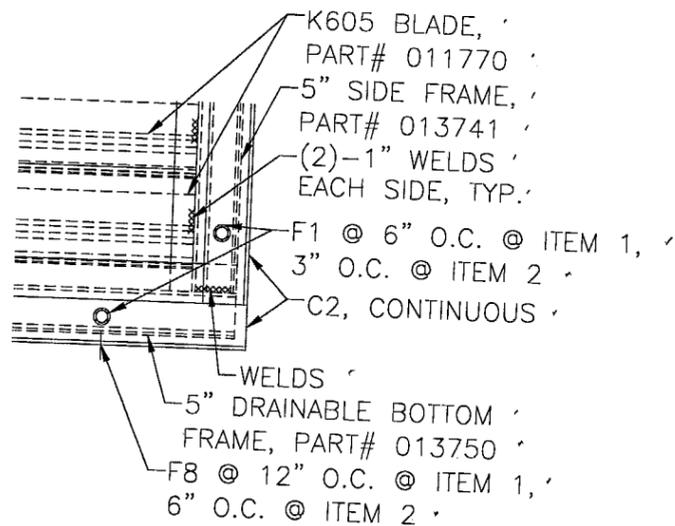
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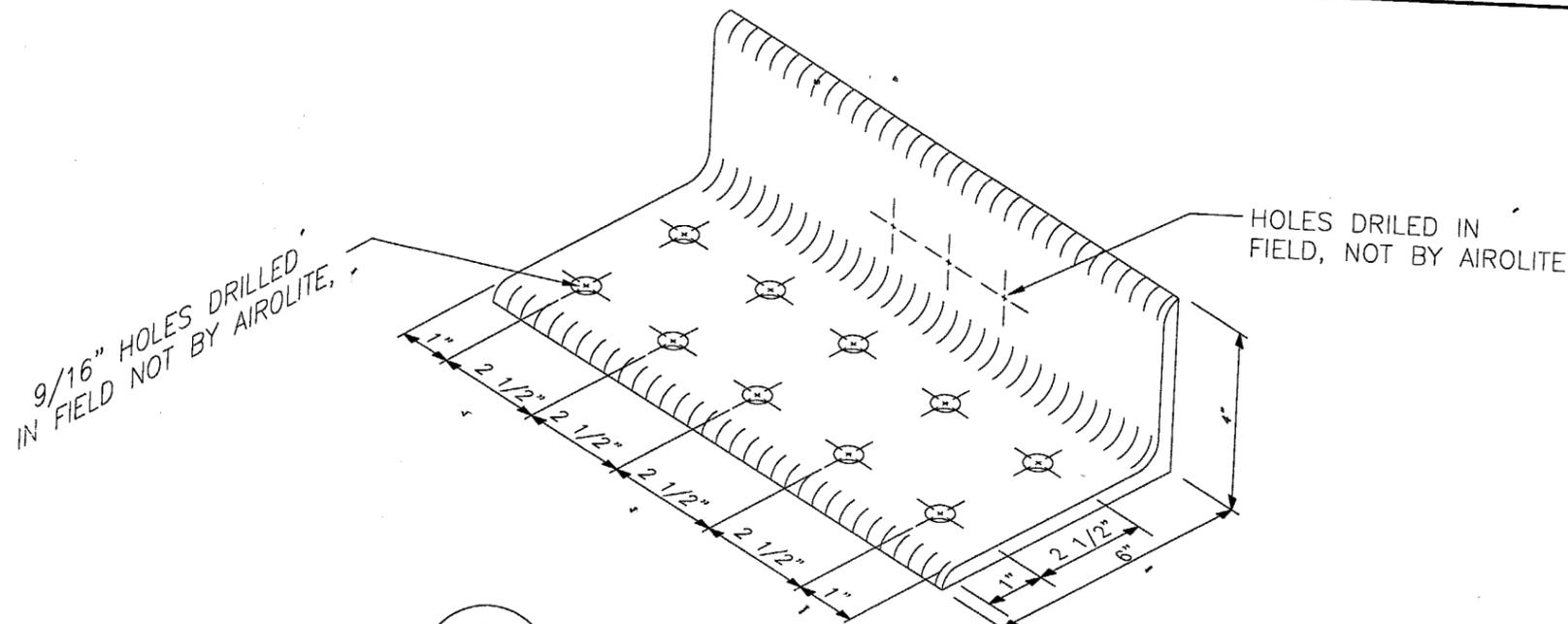
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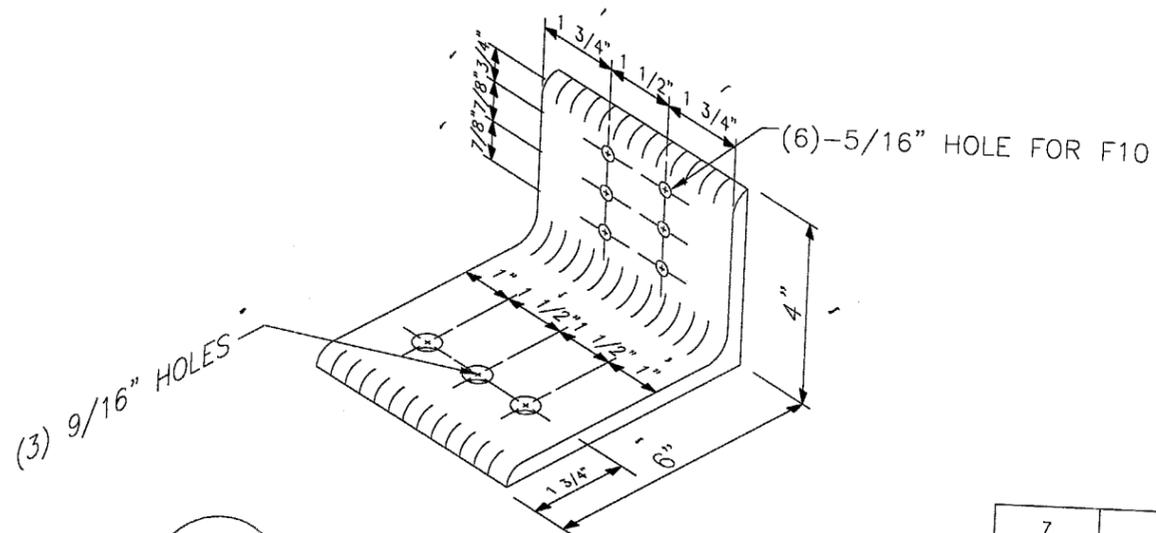
INTERIOR HEAD &
JAMB CONNECTION



INTERIOR SILL &
JAMB CONNECTION



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



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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 03-0306.02
Expiration Date 07/06/08
By
Miami Dade Product Control
Division

CHANDER P. NANGIA, PE
7423 HOLLOW RIDGE DR.
HOUSTON, TX 77095
FLORIDA PE # 21938

MAY 28 2003
ALL-WELDED
ASSEMBLY

REVISION OR ISSUE	DESCRIPTION	DATE	BY
7	ADDED NOTE 5	5/19/03	JDM
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1	CLARIFIED DRAWING	02/16/99	JLC
ISSUED	FOR APPROVAL		

DRAWING TITLE: DETAILS K605 METRO DADE LOUVERS
DATE: 11/09/98 DWN BY: JLC SHEET NO. DRAWING NO.
SCALE: NONE CHK'D BY: 3 OF 3 D2

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