



MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

PRODUCT CONTROL NOTICE OF ACCEPTANCE

The Airolite Company (Louve-Aire)
114 Westview Ave
Marietta OH 45750

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT SECTION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

Your application for Product Approval of:

Louver Model K/CB 605

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing.

If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 00-0112.01

Expires: 07/06/2003

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS

BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

Approved: 07/06/2000

1 of 3



The Airolite Company.

ACCEPTANCE No. : 00-0112.01

APPROVED : JUL 0 6 2000

EXPIRES : JUL 0 6 2003

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This approve extruded aluminum louvers, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County. For the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The **Airolite Aluminum Louver** and its components shall be constructed in strict compliance with the following documents: Drawing No. A1, D1 & D2, sheets 1 through 3 of 3, titled "Elevation & Details K605 Metro Dade Louvers" prepared by Airolite, dated 11/09/98, with last revision # 6 dated 05/22/00. They bear 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. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 All permanent set components, included but not limited to embedded anchor bolts, metal shields, headers and sills, must be protected against corrosion, contamination and damage at all time.
- 3.2 This approval applies to single unit and side by side applications as shown on the approved drawings
- 3.3 Units with height and width dimensions smaller than those shown in the approved drawings shall qualify under this approval.

4. INSTALLATION

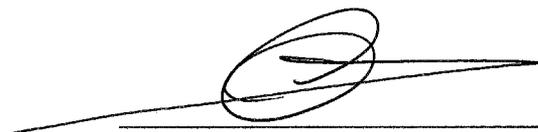
- 4.1 The louvers shall be installed in strict compliance with the approved drawings.
- 4.2 The installation of this product **will not** require a hurricane protection system.
- 4.3 The installation of these louvers is limited to 33' above ground level when the room behind the louvers is not designed to drain water.

5. LABELING

- 5.1 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".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance (NOA). including the approved drawing as identified in Section 2 this NOA , clearly marked to show the components selected for the proposed installation.
- 6.1.2 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.



Candido Font PE., Senior Product Control Examiner
Product Control Division

The Airolite Company.

ACCEPTANCE No. : 00-0112.01

APPROVED : JUL 0 6 2000

EXPIRES : JUL 0 6 2003

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

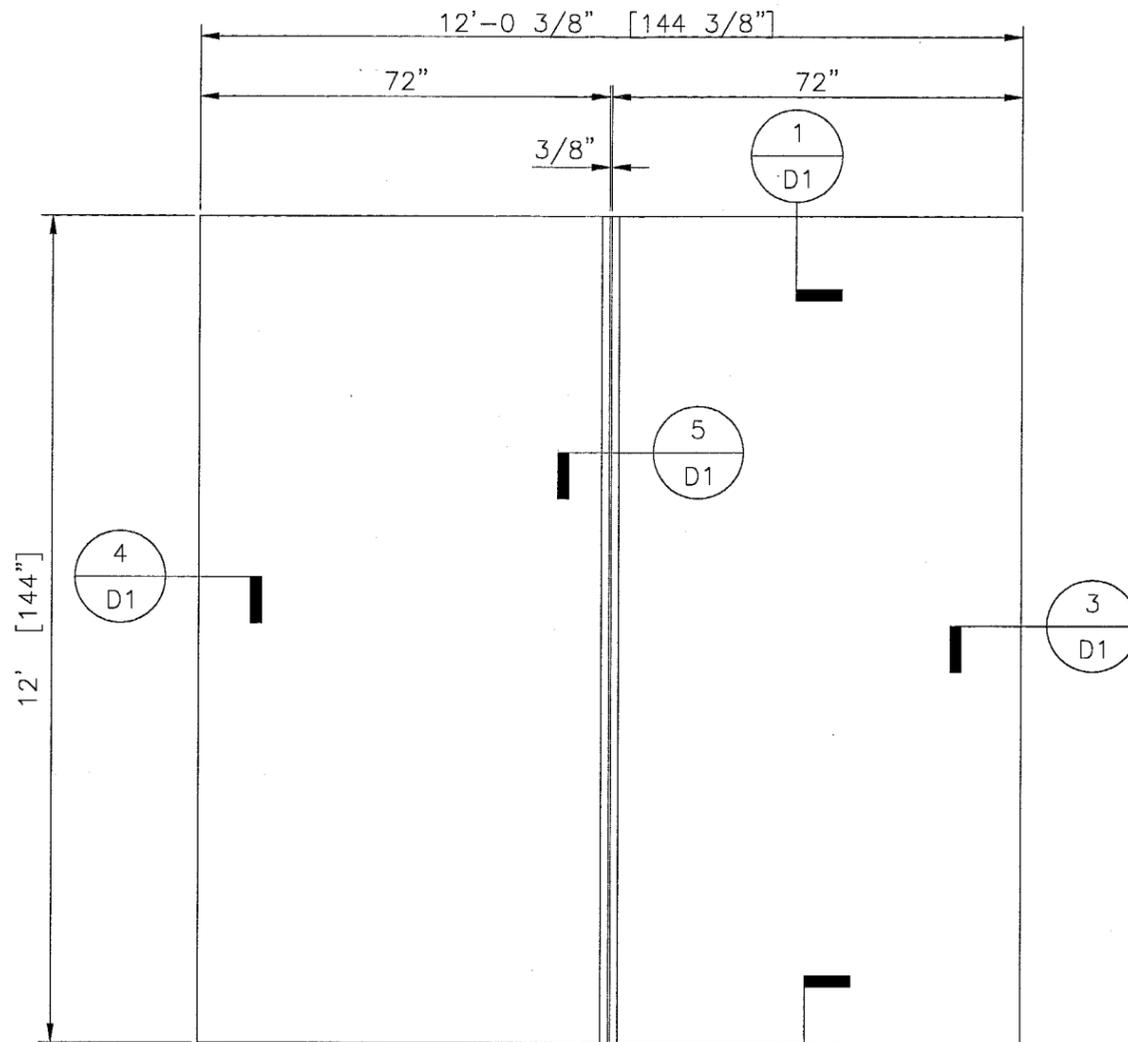
1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approval", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process.
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.


Candido Font PE., Senior Product Control Examiner
Product Control Division

IF IN DOUBT-ASK!

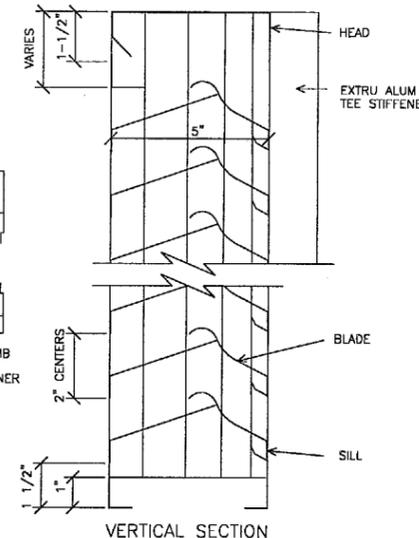
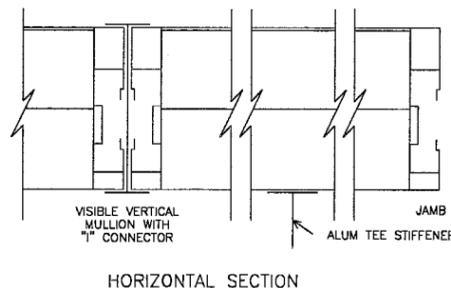
GENERAL NOTES

- 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.



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 526 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

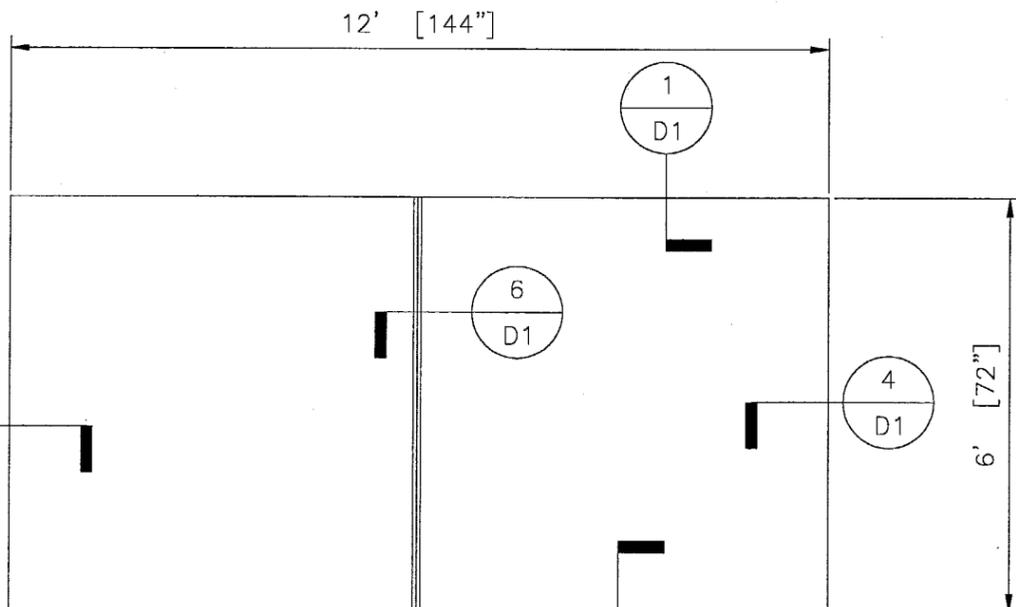
- C1-1 1/4" x 1 1/2" x 1 1/2" long 0.125 aluminum clip angle, alloy 6105-T5, natural mill.
- C2-1 1/4" x 1 1/2" continuous 0.125 aluminum angle, alloy 6105-T6, natural mill.
- C12-4" x 6" x 5" long 5/16" steel clip angle, primecoat, shipped loose.
- C13-4" x 6" x 12" long 5/16" steel clip angle, primecoat, shipped loose.

FINISH SCHEDULE

- A KYNAR 500 (SPECIFY COLOR)

MISCELLANEOUS INDEX

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



1 LOUVER ELEV.
ITEM SHORT LOUVER LAYOUT

2 LOUVER ELEV.
ITEM LONG LOUVER LAYOUT

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE July 09, 2000
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0112.01

DANIEL G. FARABAUGH, P.E.
255 Saunders Station Rd.
Trafford, PA 15085
(412) 373-9238

[Signature]
6/2/00

ABBREVIATIONS

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

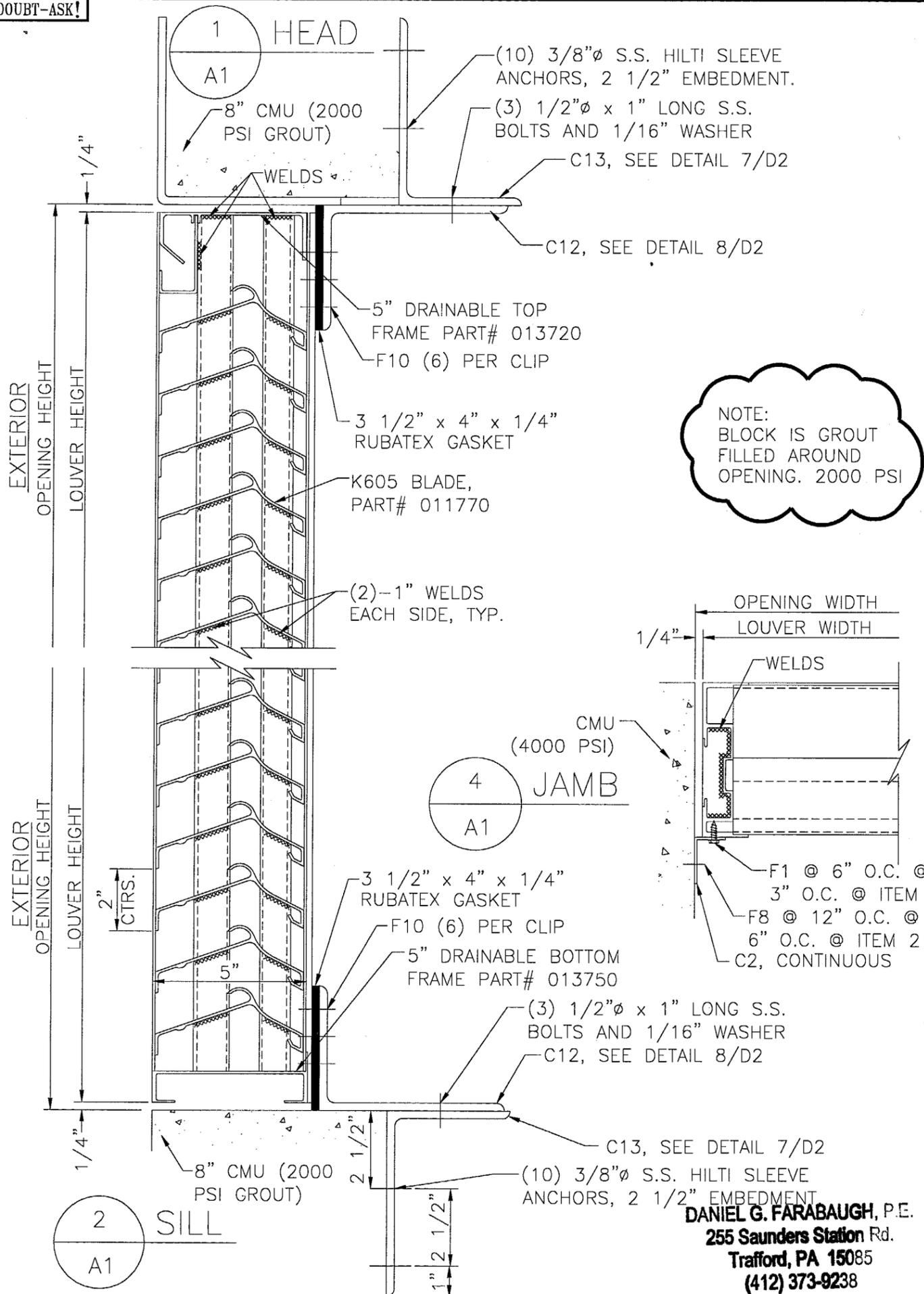
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6	ADDED REQUESTED NOTES	5-22-00	BDM
5	ADDED REQUESTED NOTES	4-14-00	BDM
4	CLARIFIED DRAWING	04/13/99	JLC
3	CLARIFIED DRAWING	04/07/99	JLC
2	CLARIFIED DRAWING	03/25/99	JLC
1	CLARIFIED DRAWING	02/11/99	JLC
ISSUED	FOR APPROVAL		

AIROLITE®
MARIETTA, OHIO USA

DRAWING TITLE:	ELEVATIONS K605 METRO DADE LOUVERS		
DATE:	11/09/98	DWN BY: JLC	SHEET NO. 1 OF 3
SCALE:	NONE	CHK'D BY:	
DRAWING NO.:	A1		

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IF IN DOUBT-ASK!



NOTE:
BLOCK IS GROUT FILLED AROUND OPENING. 2000 PSI

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE July 06, 2000
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0112.01

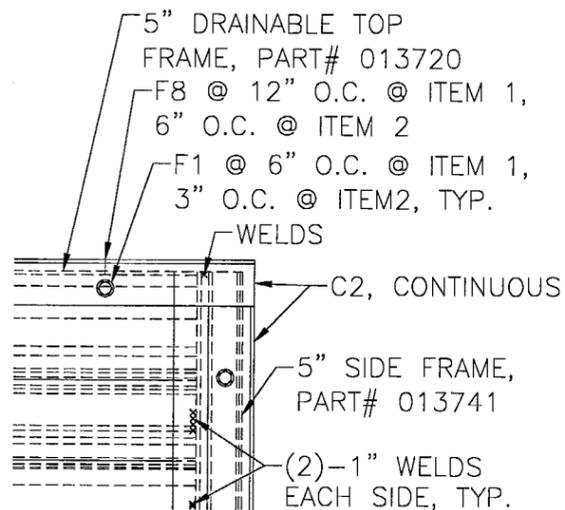
DANIEL G. FARABAUGH, P.E.
255 Saunders Station Rd.
Trafford, PA 15085
(412) 373-9238

[Signature]
6/2/00

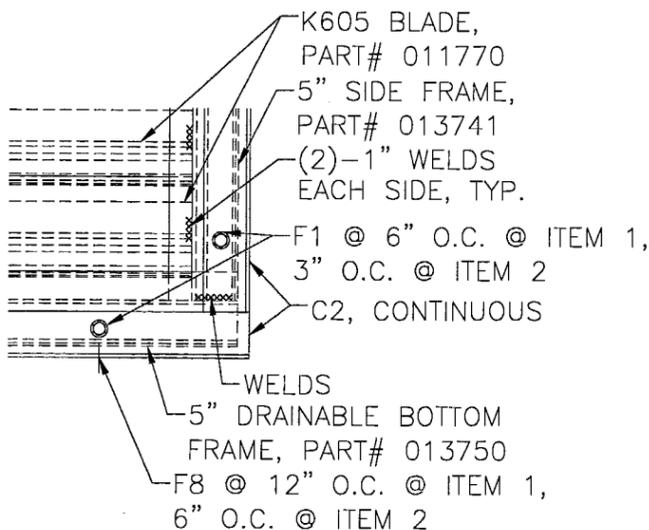
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1	CLARIFIED DRAWING	02/11/99	JLC
ISSUED	FOR APPROVAL		
REVISION OR ISSUE	DESCRIPTION	DATE	BY
AIROLITE® MARIETTA, OHIO USA			
DRAWING TITLE: DETAILS K605 METRO DADE LOUVERS			
DATE: 11/09/98	DWN BY: JLC	SHEET NO.	DRAWING NO.
SCALE: NONE	CHK'D BY:	2 OF 3	D1

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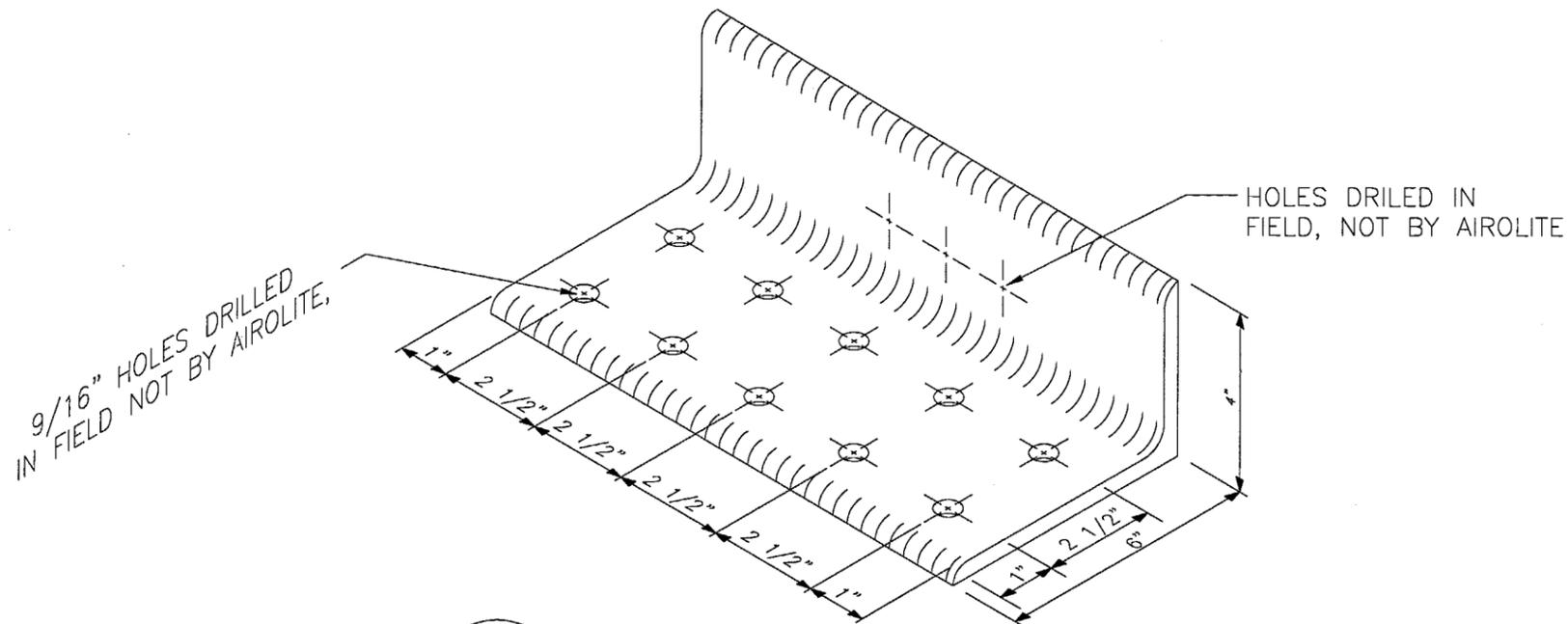
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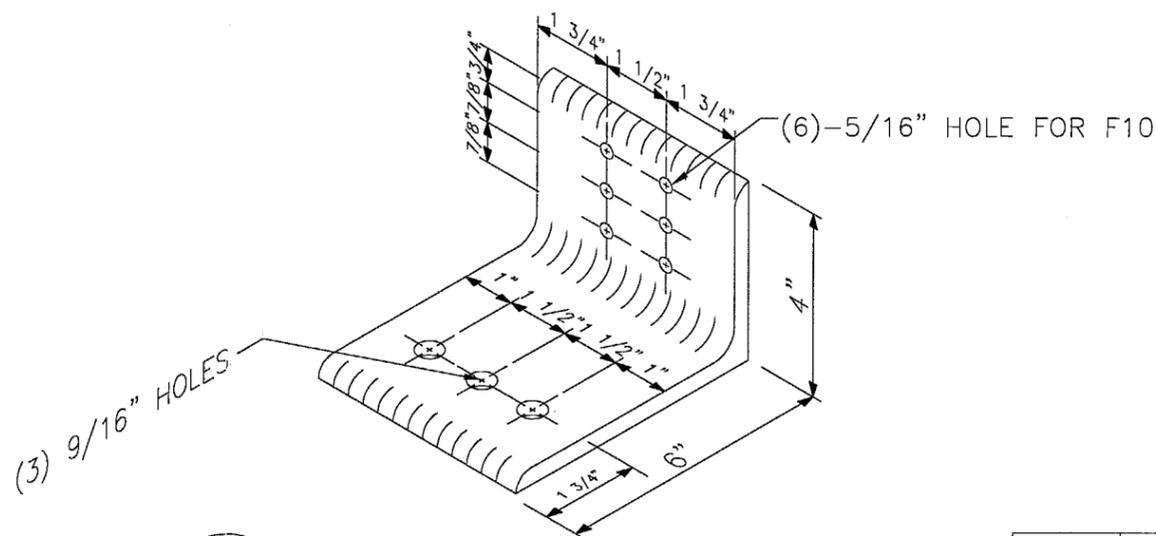
INTERIOR HEAD & JAMB CONNECTION



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

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE July 06, 2000
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0112-01

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1	CLARIFIED DRAWING	02/16/99	JLC
ISSUED	FOR APPROVAL		
REVISION OR ISSUE	DESCRIPTION	DATE	BY

AIROLITE®
MARIETTA, OHIO USA

DRAWING TITLE: DETAILS K605 METRO DADE LOUVERS			
DATE: 11/09/98	DWN BY: JLC J09163R6	SHEET NO. A-6827-D	DRAWING NO.
SCALE: NONE	CHK'D BY:	3 OF 3	D2

DANIEL G. FARABAUGH, P.E.
255 Saunders Station Rd.
Trafford, PA 15085
(412) 373-9238

ALL-WELDED
ASSEMBLY

[Signature]
6/2/00