



**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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**The Airolite Company, LLC  
27855 State Route 7  
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 Florida Building Code including the High Velocity Hurricane Zone.

**DESCRIPTION: SCV602MD Louver with and without VCD-40 Damper.**

**APPROVAL DOCUMENT:** Drawing No. MD-101, titled "SCV602MD Louver w/VCD-40 Damper and SCV602MD Louver " dated 06/16/06 with last revision dated 10/19/06, Pages 1 to 12 of 12, prepared by AIROLITE, signed and sealed on 03/16/07 by L. David. Rice P.E., and Page 2 dated 06/16/06 with last revision dated 10/19/06, signed and sealed on 01/11/07 by L. David. Rice 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** consist of this page, evidence page E1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Mohammed Iqbal Shaikh, P.E.**



*MJS  
04/18/07*

**NOA No. 07-0122.07  
Expiration Date: May 10, 2012  
Approval Date: May 10, 2007  
Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE PAGE**

**A. DRAWINGS.**

1. Drawing No.MD-101, titled "SCV602MD Louver w/VCD-40 Damper and SCV602MD Louver " dated 06/16/06 with last revision dated 10/19/06, Pages 1 to 12 of 12, prepared by AIROLITE, signed and sealed on 03/16/07 by L. David. Rice P.E., and Page 2 dated 06/16/06 with last revision dated 10/19/06, signed and sealed on 01/11/07 by L. David. Rice P.E.

**B. TESTS.**

1. Test report of Large Missile Impact Test per PA 201, Cyclic Wind Pressure Test per PA 203, and Uniform Static Air Pressure Test per PA 202 on "EVH-602D fixed Aluminum Louver" prepared by Architectural Testing, Inc., report No. 63777.01-602-18, dated 06/05/06, signed and sealed by J. A. Reed, PE. ( Submitted under NOA 06-0711.11)
2. Test report of Wind and Wind Driven Rain Resistance per TAS 100(A) on "EVH-602D with VCD-40 Fixed Aluminum Louver with Damper", prepared by Architectural Testing Inc., report No. 62173.01-122-44, dated 03/14/06 and revised on 05/11/06, signed and sealed by J. A. Reed, PE. ( Submitted under NOA 06-0711.11).

**C. CALCULATIONS.**

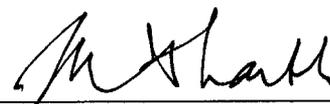
1. Louver Calculations of Blades, Jambs Head Anchors and Sill Anchors, dated 06/22/06, pages 1 to 22 of 22, prepared by Rice Engineering, signed, dated and sealed by L. D. Rice, PE. ( Submitted under NOA 06-0711.11)

**D. QUALITY ASSURANCE**

1. Building Code Compliance Office.

**E. STATEMENTS**

1. Test compliance letter issued by Architectural Testing Inc., on 03/21/06, signed, dated and sealed by S. M. Urich, PE. ( Submitted under NOA 06-0711.11)
2. Code compliance letter issued by Rice Engineering on 06/28/06, signed and sealed by L. D. Rice, P.E. ( Submitted under NOA 06-0711.11)
3. No financial Interest letter issued by Rice Engineering, signed and sealed L. D. Rice, PE. ( Submitted under NOA 06-0711.11)

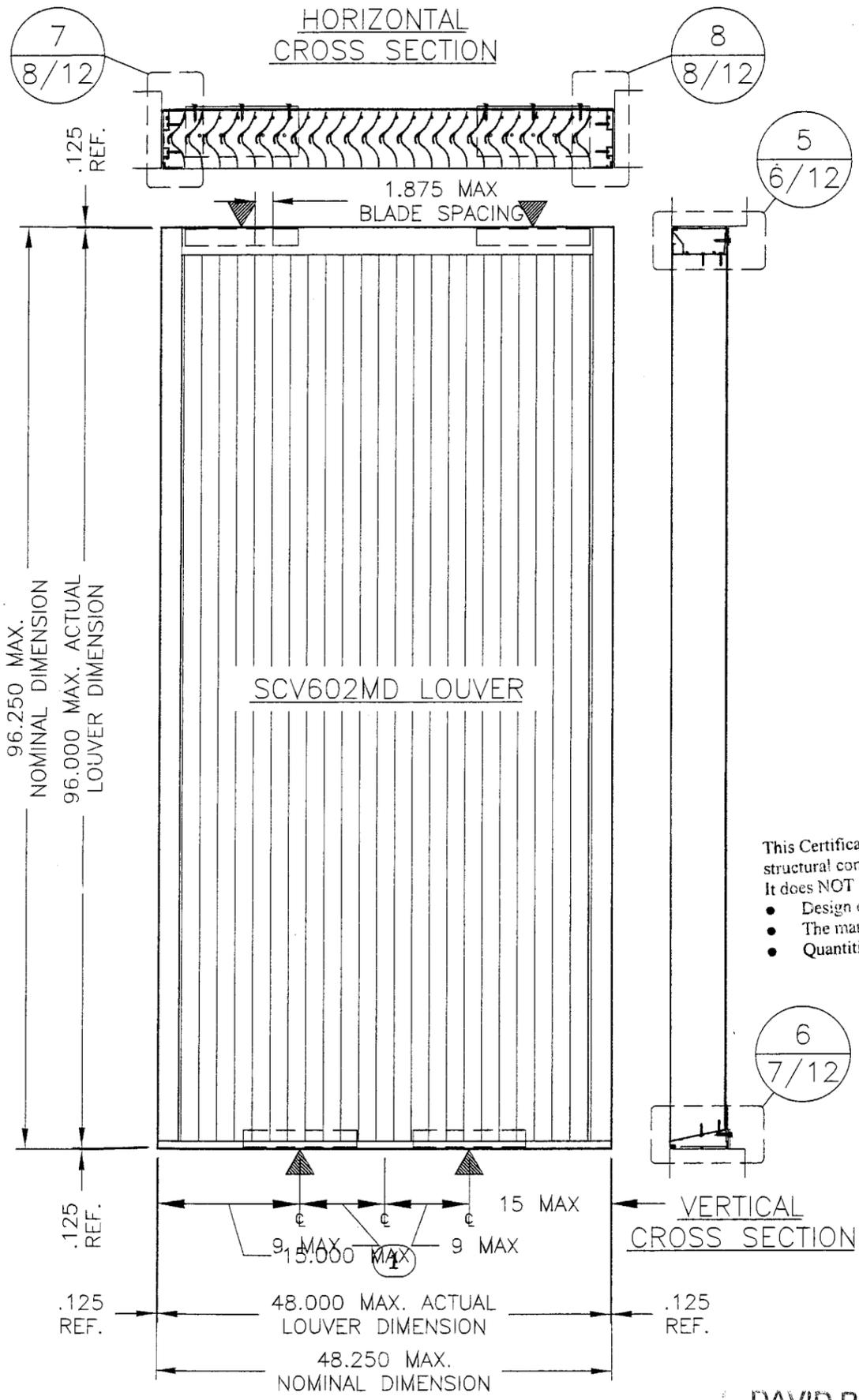
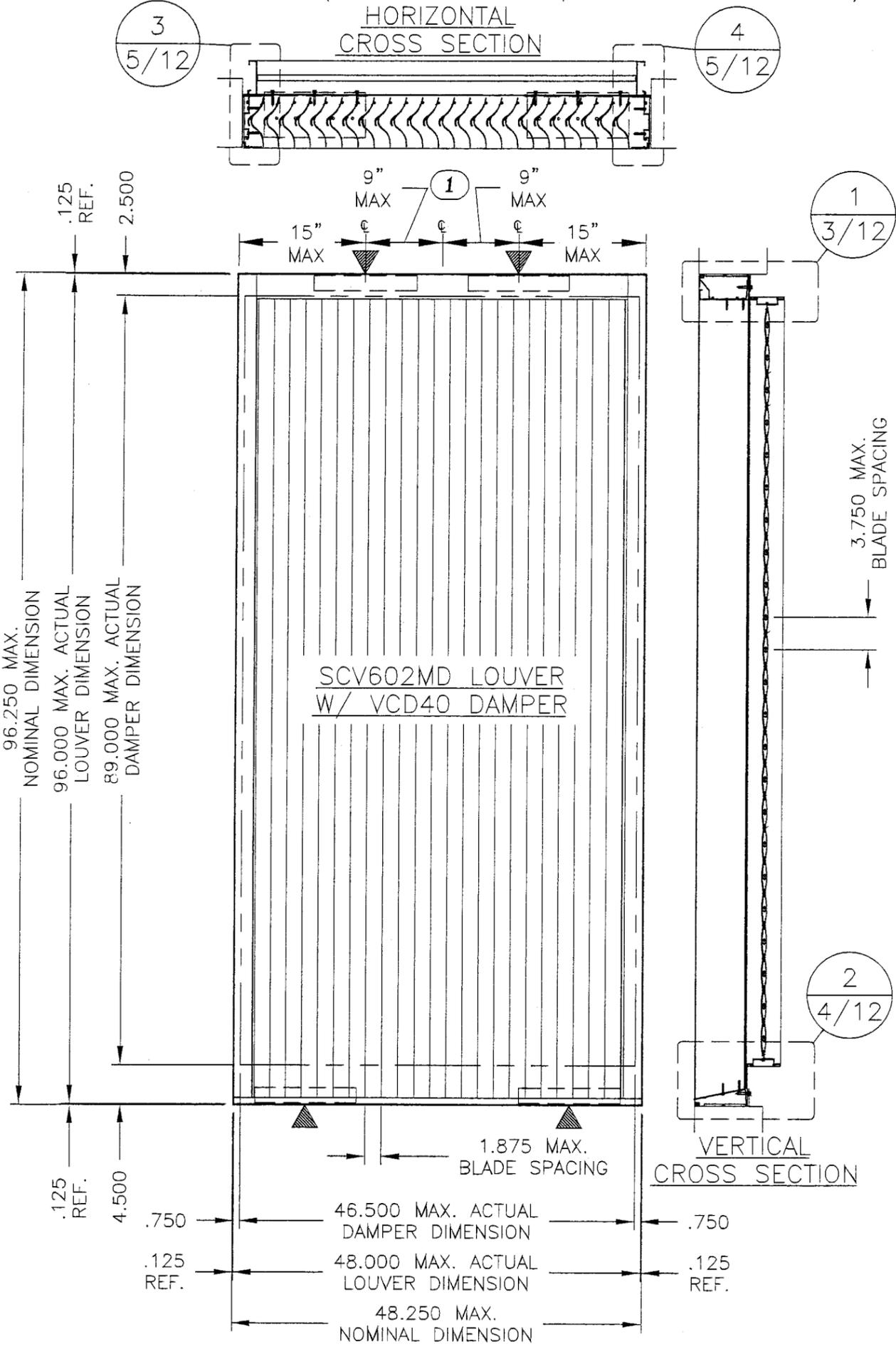


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**Mohammed Iqbal Shaikh, P.E.**  
**Sr. Building Code Compliance Specialist**  
**NOA No. 07-0122.07**  
**Expiration Date: May 10, 2012**  
**Approval: Date: May 10, 2007**

▲ = ANCHOR LOCATION (REFER TO CHART ON 9/12 FOR QUANTITY AND SIZE)

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REVISION	BY	DATE	SYM
ADD ANCHOR SPACING	CWC	10/19/2006	1
DRAWN BY		DATE	
BRINKMAN		6/16/2006	
SCALE		SHEET NO.	
1/16		1 OF 12	
TITLE		CAD DRAWING NO.	
SCV602MD LOUVER W/ VCD40 DAMPER AND SCV602MD LOUVER ELEVATIONS		MD-101	



This Certification is limited to the structural design of structural components of this louver system. It does NOT include responsibility for;

- Design of air and water infiltration prevention.
- The manufacture, assembly, or installation of the system.
- Quantities of materials or dimensional accuracy of drawings

Approved as complying with the Florida Building Code  
Date 09/10/07  
NOA# 07-0122-07  
Miami Dade Product Control  
Division  
By *M. Thakur*

L. DAVID RICE

MAR 16 2007

GENERAL NOTES:

1. IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER TO VERIFY THE STRUCTURAL INTEGRITY OF THE EXISTING STRUCTURE TO SUPPORT THE LOADS IMPOSED BY THE LOUVERS.
2. THE SCV602MD AND SCV602MD/VCD40 HAVE BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC) AND TEST PROTOCOLS TAS-201 (IMPACT), TAS-202 (UNIFORM STATIC PRESSURE), AND TAS-203 (CYCLIC FATIGUE). THE SCV602MD/VCD40 HAS BEEN TESTED IN ACCORDANCE WITH TAS100(A)-95 (WIND DRIVEN RAIN).
3. MAXIMUM SINGLE SECTION SIZE IS 48" WIDE X 96" HIGH.
4. MAXIMUM ASSEMBLED LOUVER SIZE IS UNLIMITED WIDE X 96" HIGH.
5. 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.
6. ALL WOOD SUBSTRATE SHALL BE G = 0.55 DENSITY OR BETTER. (1)
7. ALL METAL STUD SUBSTRATE SHOULD BE MIN. 16 GA. FY = 50 KSI.
8. ALL STRUCTURAL STEEL SUBSTRATE SHALL BE MIN. 1/4" THICK FY = 36 KSI.
9. ALL CONCRETE SUBSTRATE SHALL BE MIN. 3000 PSI.
10. CONCRETE MASONRY SHALL BE ASTM C90, TYPE II, 2000 PSI GROUT-FILLED.
11. LOUVER ASSEMBLY IS TO BE ANCHORED AT HEAD AND SILL ONLY. NO ANCHORAGE IS REQUIRED AT THE JAMBS.
12. LOUVER ASSEMBLY IS QUALIFIED FOR A MAXIMUM DESIGN LOAD OF +/- 150 PSF.
13. LOUVER ASSEMBLY IS QUALIFIED FOR LARGE AND SMALL MISSILE IMPACT RESISTANCE.
14. LOUVER ASSEMBLY WITHOUT VCD40 DAMPER SHALL ONLY BE INSTALLED IN A LOCATION WHERE THE ROOM BEHIND THE LOUVER IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM AND THE ROOM WILL HOUSE WATER RESISTANT/WATER PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES.
15. LOUVER ASSEMBLY WITH VCD40 DAMPER MAY BE INSTALLED IN A LOCATION WHERE THE ROOM BEHIND THE LOUVER IS NOT DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM OR THE ROOM WILL HOUSE NON-WATER RESISTANT/ WATER PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES. LOUVER ASSEMBLY WITH VCD DAMPER INSTALLATION IS LIMITED TO AN ELEVATION 33 FT ABOVE GRADE. (1)(2)
16. INSTALLER TO PROVIDE SEPARATION OF DISSIMILAR MATERIALS AS REQUIRED.
17. THE VCD40 MAY BE OPERATED BY THE MANUAL QUADRANT SHOWN ON 12/12 OR BY AN ELECTRIC OR PNEUMATIC ACTUATOR. THE DAMPER'S ACTUATOR IS NOT PART OF THIS APPROVAL, BUT SHALL BE CERTIFIED BY AN INDEPENDENT TESTING AGENCY.
18. FRAME CONSTRUCTION. HEADS AND SILLS ARE SQUARE CUT. JAMBS SQUARE CUT @HEAD AND MITERED @SILL. CORNERS ARE SECURED WITH (2) #10x1-1/2 SMS AND SILICONE SEALED. BLADES ARE SECURED TO HEAD AND SILL WITH (2) #10x1-1/2 SMS AND WELDED @EACH (1)(2)

1	SYN	DATE	BY	DATE	DATE	
	(1)	10/19/2006	CWC	11/07/2006	6/16/2006	
REVISION		REVISE NOTES		REVISE NOTES		
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8. ALL STRUCTURAL STEEL SUBSTRATE SHALL BE MIN. 1/4" THICK FY = 36 KSI.
9. ALL CONCRETE SUBSTRATE SHALL BE MIN. 3000 PSI.
10. CONCRETE MASONRY SHALL BE ASTM C90, TYPE II, 2000 PSI GROUT-FILLED.
11. LOUVER ASSEMBLY IS TO BE ANCHORED AT HEAD AND SILL ONLY. NO ANCHORAGE IS REQUIRED AT THE JAMBS.
12. LOUVER ASSEMBLY IS QUALIFIED FOR A MAXIMUM DESIGN LOAD OF +/- 150 PSF.
13. LOUVER ASSEMBLY IS QUALIFIED FOR LARGE AND SMALL MISSILE IMPACT RESISTANCE.
14. LOUVER ASSEMBLY WITHOUT VCD40 DAMPER SHALL ONLY BE INSTALLED IN A LOCATION WHERE THE ROOM BEHIND THE LOUVER IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM AND THE ROOM WILL HOUSE WATER RESISTANT/WATER PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES.
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16. INSTALLER TO PROVIDE SEPARATION OF DISSIMILAR MATERIALS AS REQUIRED.
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18. FRAME CONSTRUCTION. HEADS AND SILLS ARE SQUARE CUT. JAMBS SQUARE CUT @HEAD AND MITERED @SILL. CORNERS ARE SECURED WITH (2) #10x1-1/4 SMS AND SILICONE SEALED. BLADES ARE SECURED TO HEAD AND SILL WITH (2) #10x1-1/4 SMS AND WELDED @EACH (1) (2)

ITEM #	DESCRIPTION	MATERIAL	NOTES
1	LOUVER HEAD	6063-T5 ALUMINUM	
2	LOUVER BLADE	6063-T5 ALUMINUM	1.88 MAX. SPACING
3	LOUVER SILL	6063-T5 ALUMINUM	
4	LOUVER JAMB	6063-T5 ALUMINUM	
5	LOUVER BLANK-OFF (AS REQ'D)	6063-T5 ALUMINUM	NOT REQUIRED W/ VCD40 DAMPER
6A	ANCHOR (6.75 LONG)	6063-T5 ALUMINUM	REFER TO CHART ON 9/12
6B	ANCHOR (8.75 LONG)	6063-T5 ALUMINUM	REFER TO CHART ON 9/12
6C	ANCHOR (12.00 LONG)	6063-T5 ALUMINUM	REFER TO CHART ON 9/12
7	#10 X 1.25 TPH TYPE AB SMS	316 SS	
8	1/8 DIA. BLIND RIVET	ALUMINUM	3' FROM END & 14" O. C. MAX. SPACING
9	TREMCO SPECTREM 1	SILICONE SEALANT	
10	INSTALLATION FASTENER	1/4-20 X 1.50 HILTI DRIL-FLEX	
11	ANCHOR FASTENER (BY OTHERS)	1/4 DIA. WOOD SCREW	REFER TO CHART ON 9/12
12	ANCHOR FASTENER (BY OTHERS)	1/4-14 AISI 1022 SELF-DRILLING SCREW	REFER TO CHART ON 9/12
13	ANCHOR FASTENER (BY OTHERS)	1/4-20 HILTI DRIL-FLEX	REFER TO CHART ON 9/12
14	ANCHOR FASTENER (BY OTHERS)	3/8 DIA. POWERS SS POWER BOLT	REFER TO CHART ON 9/12
15	PERIMETER SEAL (BY OTHERS)		
16	DAMPER HEAD/SILL	6063-T5 ALUMINUM	
17	DAMPER JAMB	6063-T5 ALUMINUM	
18	DAMPER BLADE	6063-T5 ALUMINUM	3.75 MAX. SPACING
19A	NON-DRIVE DAMPER AXLE ASSY.	ZC STEEL PIN W/ DELRIN BUSHING	
19B	NON-DRIVE DAMPER AXLE ASSY.	ZC STEEL PIN W/ BRONZE BUSHING	
19C	NON-DRIVE DAMPER AXLE ASSY.	ZC STEEL PIN W/ SS BUSHING	
19D	NON-DRIVE DAMPER AXLE ASSY.	SS PIN W/ DELRIN BUSHING	
19E	NON-DRIVE DAMPER AXLE ASSY.	SS PIN W/ BRONZE BUSHING	
19F	NON-DRIVE DAMPER AXLE ASSY.	SS PIN W/ SS BUSHING	
20A	DRIVE-SIDE DAMPER AXLE ASSY.	ZC/GALV. STEEL	UNIQUE SHAPE AT DRIVER BLADE
20B	DRIVE-SIDE DAMPER AXLE ASSY.	SS	UNIQUE SHAPE AT DRIVER BLADE
21A	DAMPER AXLE BUSHING	DELRIN	
21B	DAMPER AXLE BUSHING	BRONZE	
21C	DAMPER AXLE BUSHING	SS	
22A	DAMPER BLADE SEAL	EPDM	
22B	DAMPER BLADE SEAL	SILICONE	
23	DAMPER JAMB SEAL	SS	
24	DAMPER TOP/BOTTOM CLOSURE	ALUMINUM	HEIGHT VARIES
25A	DAMPER LINKAGE BAR	GALV. STEEL	
25B	DAMPER LINKAGE BAR	SS	
26	FORMED "Z" CLIP	ALUMINUM	12.00 MAX. SPACING
27	#10 X .50 TEK	ZP	
28	SHIM AT LOUVER/DAMPER	ALUMINUM	
29	BLANK-OFF AT LOUVER/DAMPER	ALUMINUM	WIDTH VARIES
30	FOAM TAPE BACKER		USED AT HEAD
31	#8 X .75 TPH TYPE AB SMS	18-8 SS	
32A	1/4 DIA. E-CLIP	ZP	
32B	1/4 DIA. E-CLIP	SS	
33A	DAMPER BLADE DRIVE LEVER	GALV. STEEL	
33B	DAMPER BLADE DRIVE LEVER	SS	
34	REINFORCING STRAP	ALUMINUM	
35A	1/4-20 X 1.25 HH CS	ZP	
35B	1/4-20 X 1.5 HH CS	SS	
36A	1/4-20 SF NUT	ZP	
36B	1/4-20 SF NUT	SS	
37	DAMPER MANUAL QUAD ASSY.		
38	#14 X .75 TEK	ZP	
39	1/4-20 X .562 BALL SWIVEL	ZP	
40	5/16 DIA. LINKAGE ROD	ZP	
41	DEADLOAD SHIM (BY OTHERS)		
42	OPTIONAL FLANGE	6063-T5 ALUMINUM	

REVISION	DATE	SYM
	10/19/2006	(1)
BY	CWC	
REVISION NOTES		
REVISION NOTES		

DRAWN BY	BRINKMAN	DATE	6/16/2006
SCALE			
SHEET NO.	2 OF 12		
CAD DRAWING NO.	MD-101		

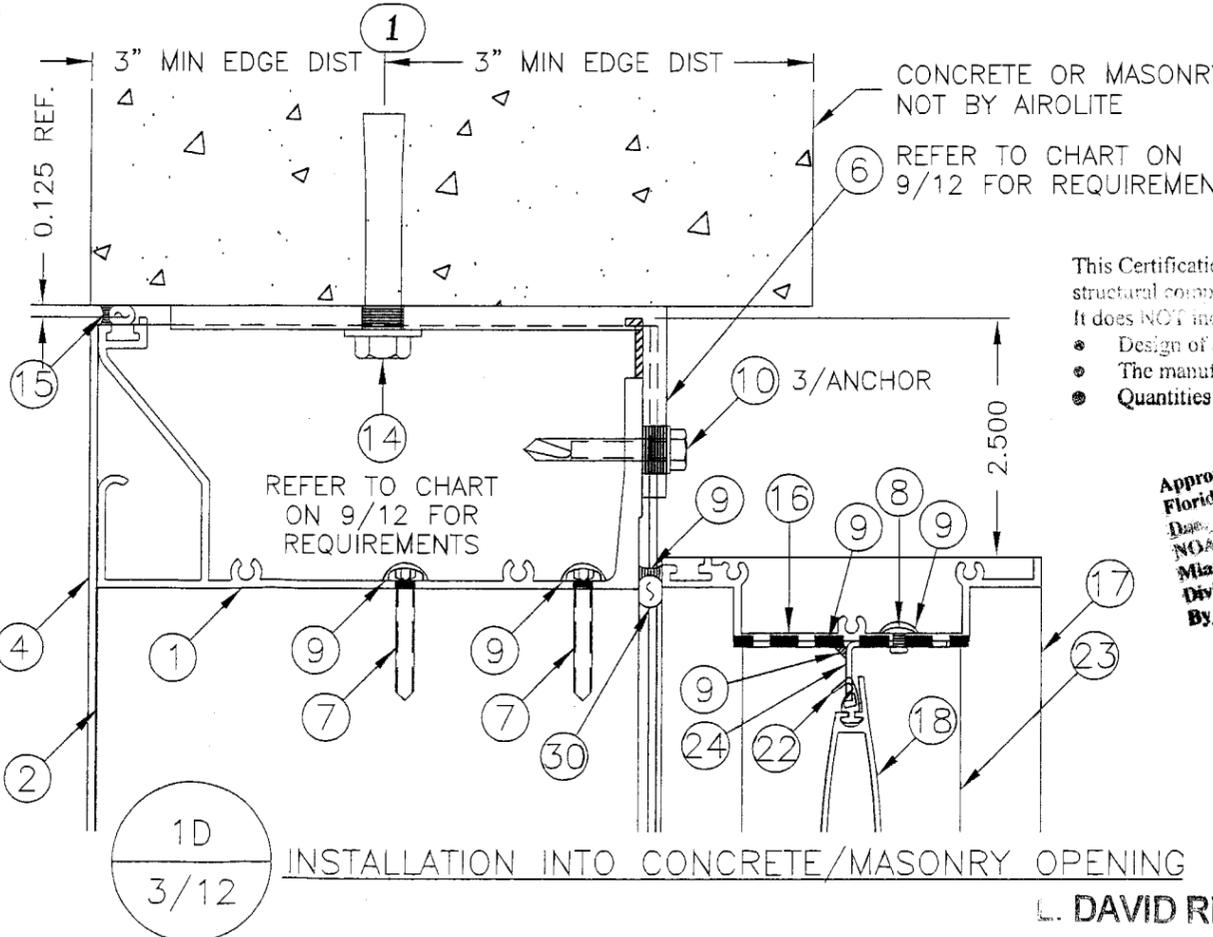
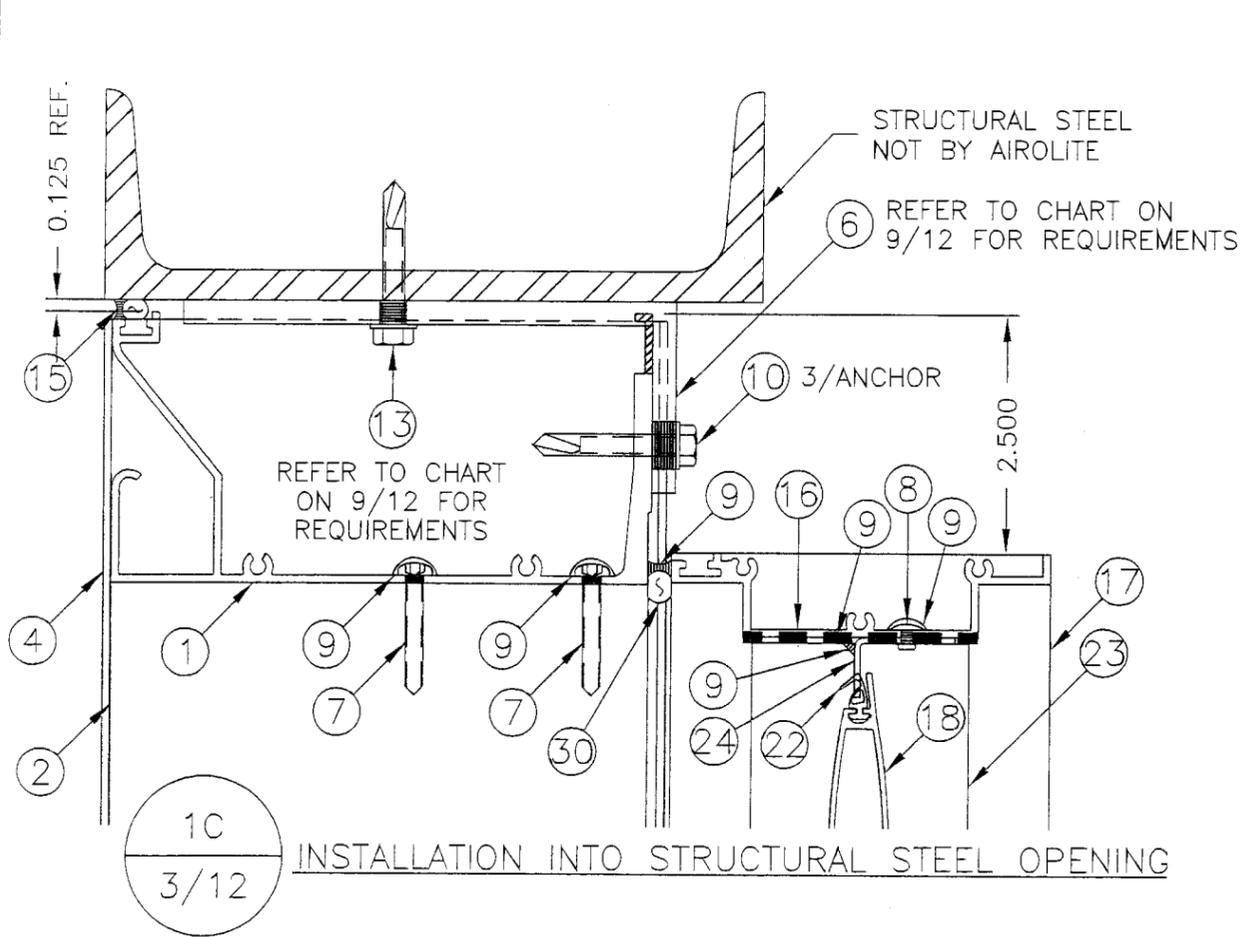
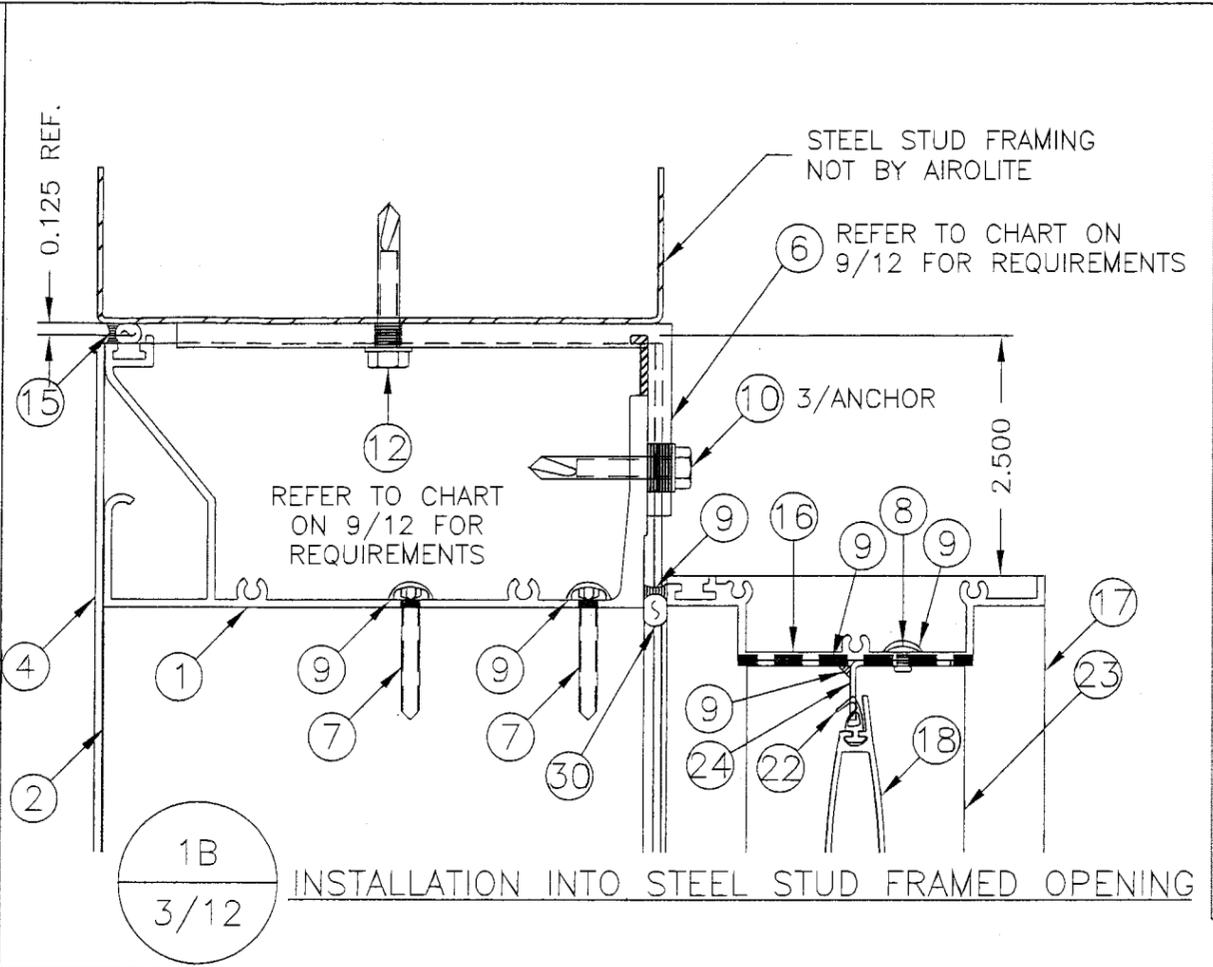
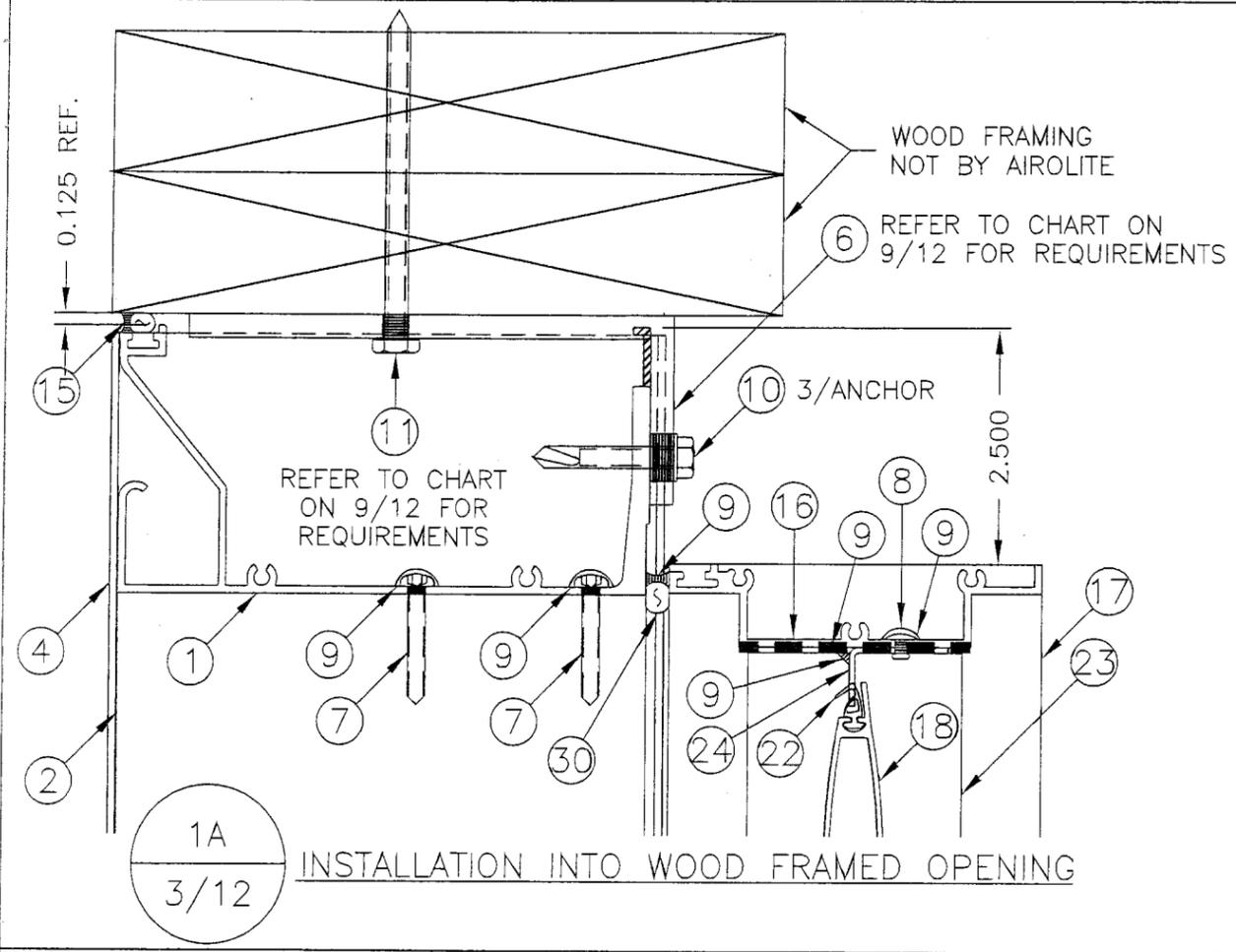
**AIRROLITE**  
 The look that works!  
 SCHOFIELD, WISCONSIN 54476  
 715-359-6171

TITLE  
 SCV602MD LOUVER W/  
 VCD40 DAMPER  
 AND SCV602MD LOUVER  
 NOTES/BILL OF MATERIAL

Approved as complying with the  
 Florida Building Code  
 Date 05/10/07  
 NOA# 07-0122-07  
 Miami Date Product Control  
 By *M. Kharb*

L. DAVID RICE

*[Signature]*



REVISION	BY	DATE	SYM
ADD DIMENSION	CWC	10/19/2006	1
DRAWN BY		DATE	
BRINKMAN		6/19/2006	
SCALE		SHEET NO.	
1/2		3 OF 12	
TITLE		CAD DRAWING NO.	
SCV602MD LOUVER W/ VCD40 DAMPER HEAD DETAILS		MD-101	

**AIROLITE**  
The look that works™  
SCHOFIELD, WISCONSIN 54476  
715-359-6171

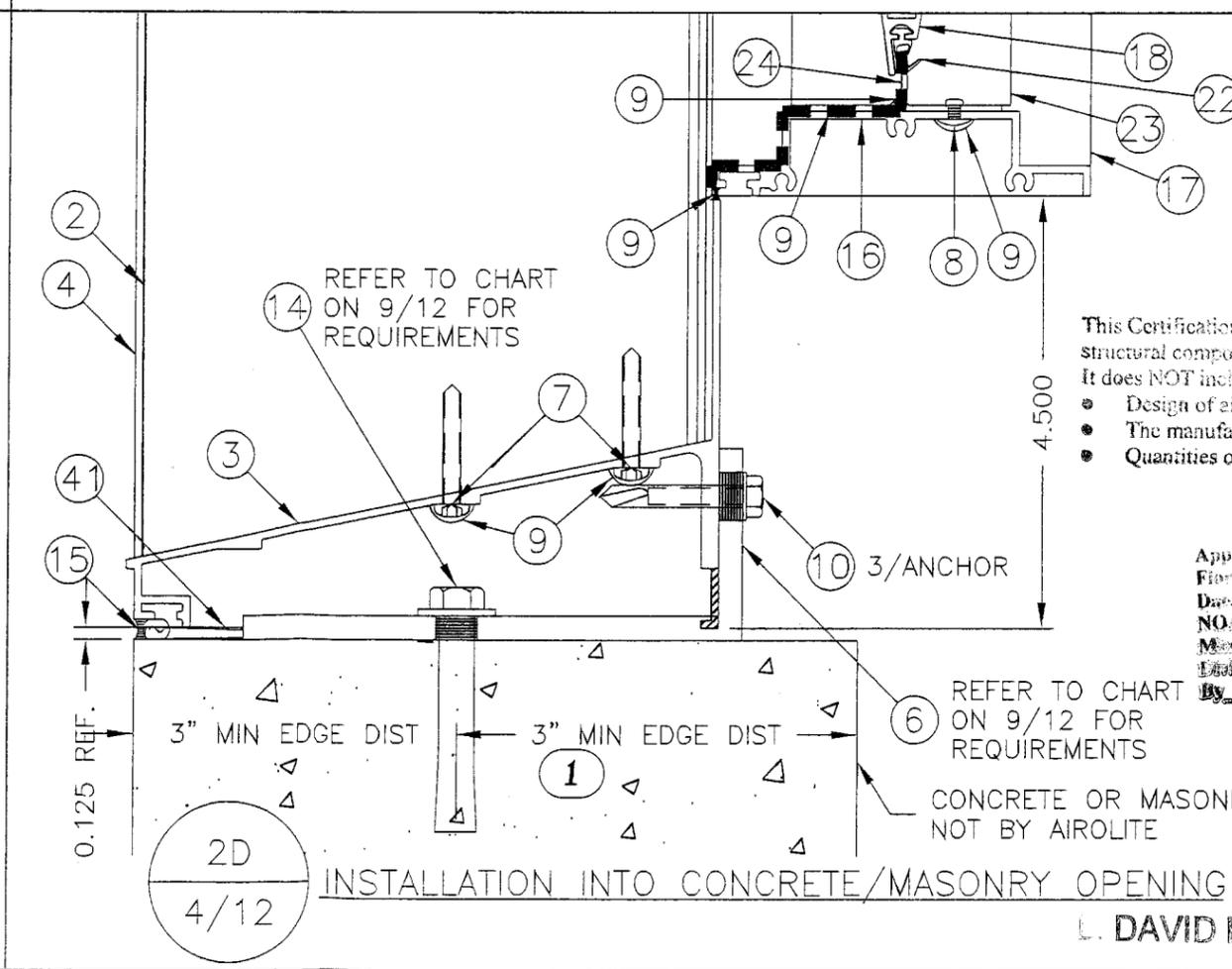
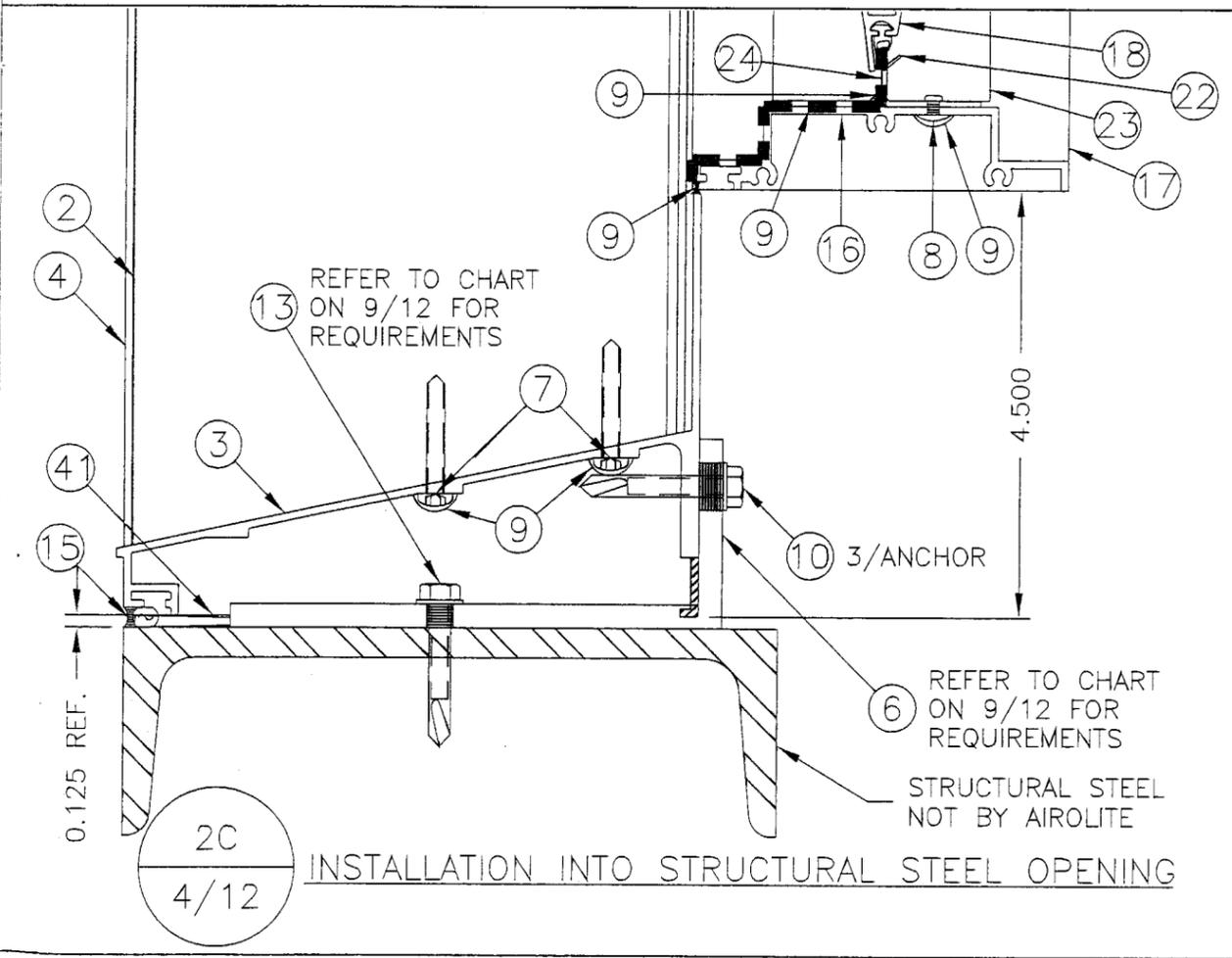
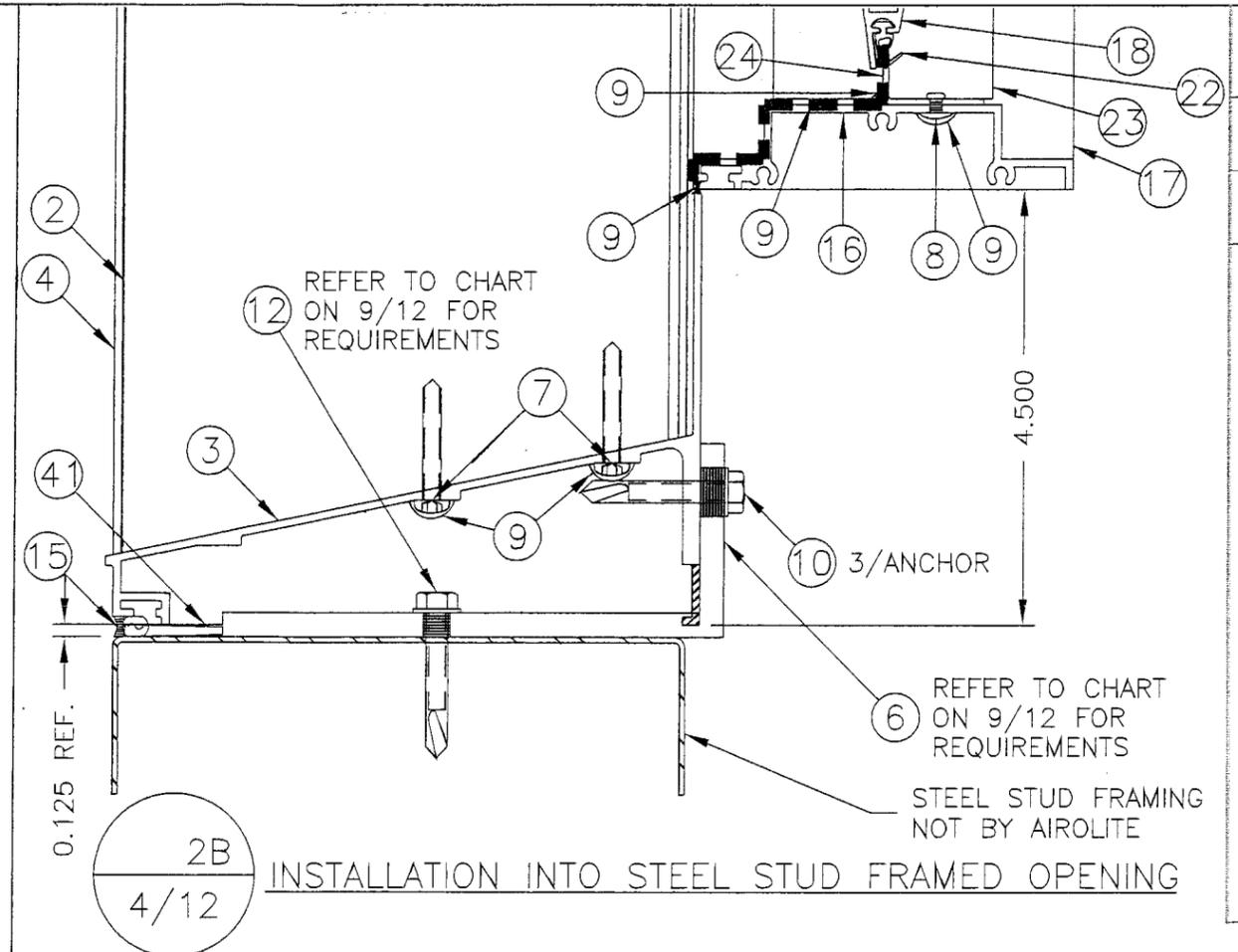
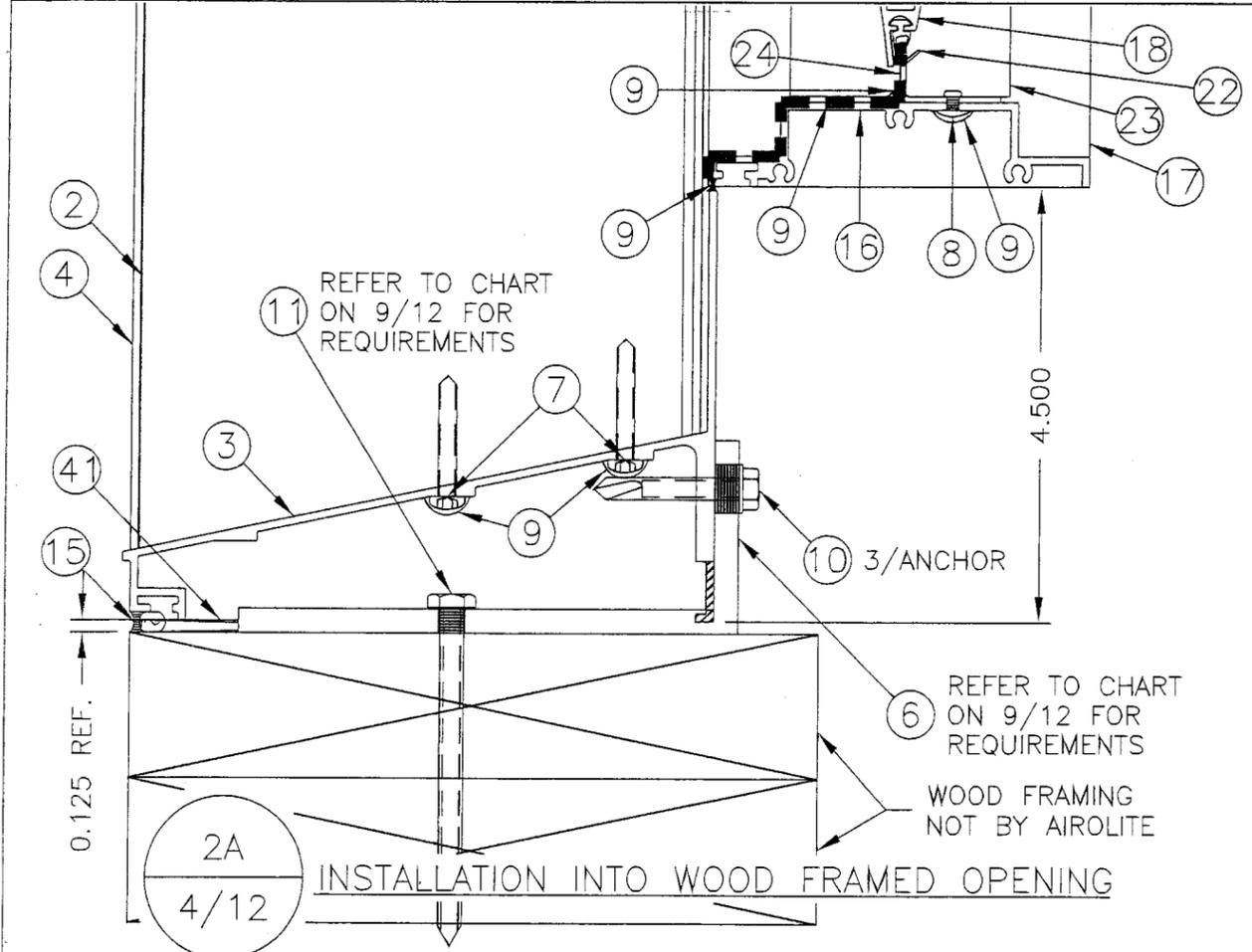
This Certification is limited to the structural design of structural components of this louver system. It does NOT include responsibility for:

- Design of air and water infiltration prevention.
- The manufacture, assembly, or installation of the system.
- Quantities of materials or dimensional accuracy of drawings

Approved as complying with the  
Florida Building Code  
Date: 05/10/07  
NOAA 07-0122-07  
Miami Dade Product Control  
Division  
By: *M. Frank*

L. DAVID RICE

MAR 16 2007



REVISION	BY	DATE	SYM
	CWC	10/19/2006	1
DRAWN BY		DATE	
BRINKMAN		6/19/2006	
SCALE			
1/2			
SHEET NO.		4 OF 12	
CAD DRAWING NO.		MD-101	

**AIROLITE**  
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 715-359-6171

TITLE  
 SCV602MD LOUVER W/  
 VCD40 DAMPER  
 SILL DETAILS

This Certification is limited to the structural design of structural components of this louver system. It does NOT include responsibility for:

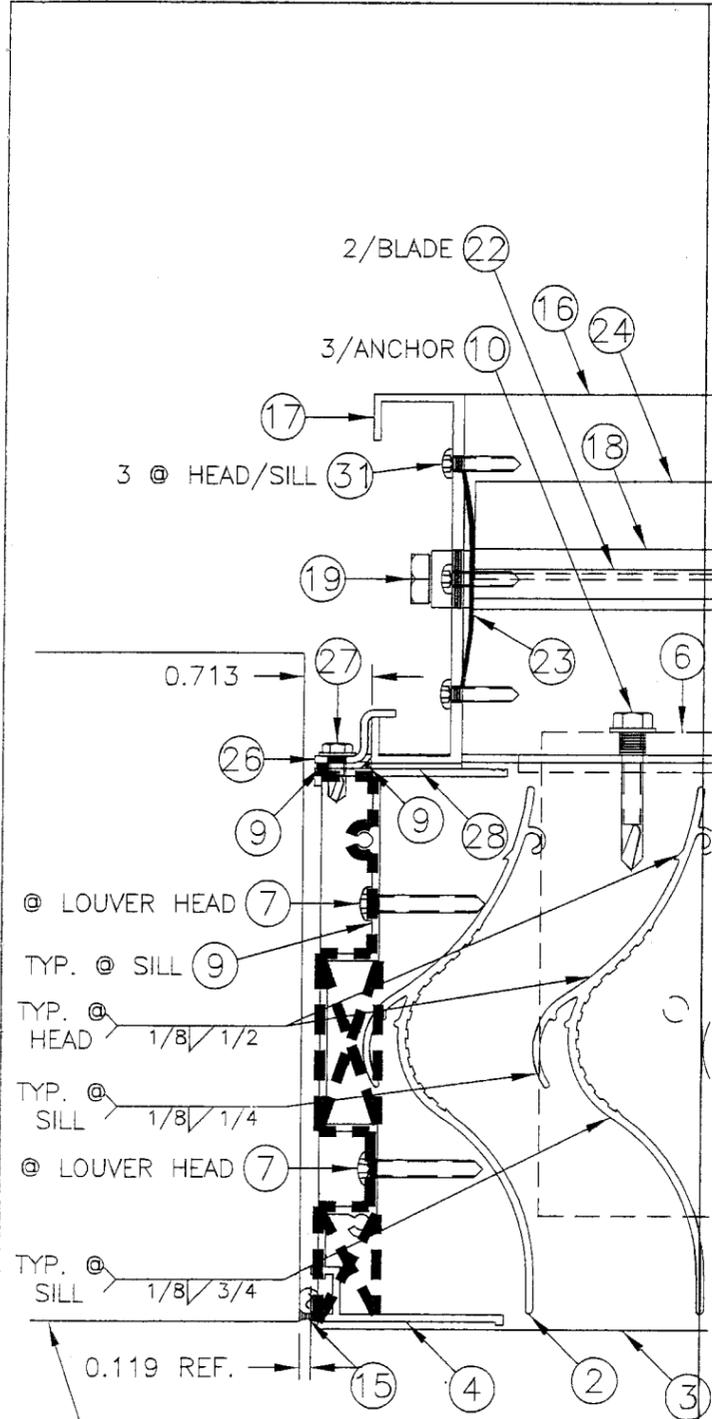
- Design of air and water infiltration prevention.
- The manufacture, assembly, or installation of the system.
- Quantities of materials or dimensional accuracy of drawings

Approved as complying with the Florida Building Code  
 Date: 05/10/07  
 NO: 07-0122.07  
 Minor Trade Product Control  
 Division  
 By: *M Khan*

*L. David Rice*

L. DAVID RICE

MAR 16 2007



0.713

0.119 REF.

BUILDING CONDITION NOT BY AIROLITE

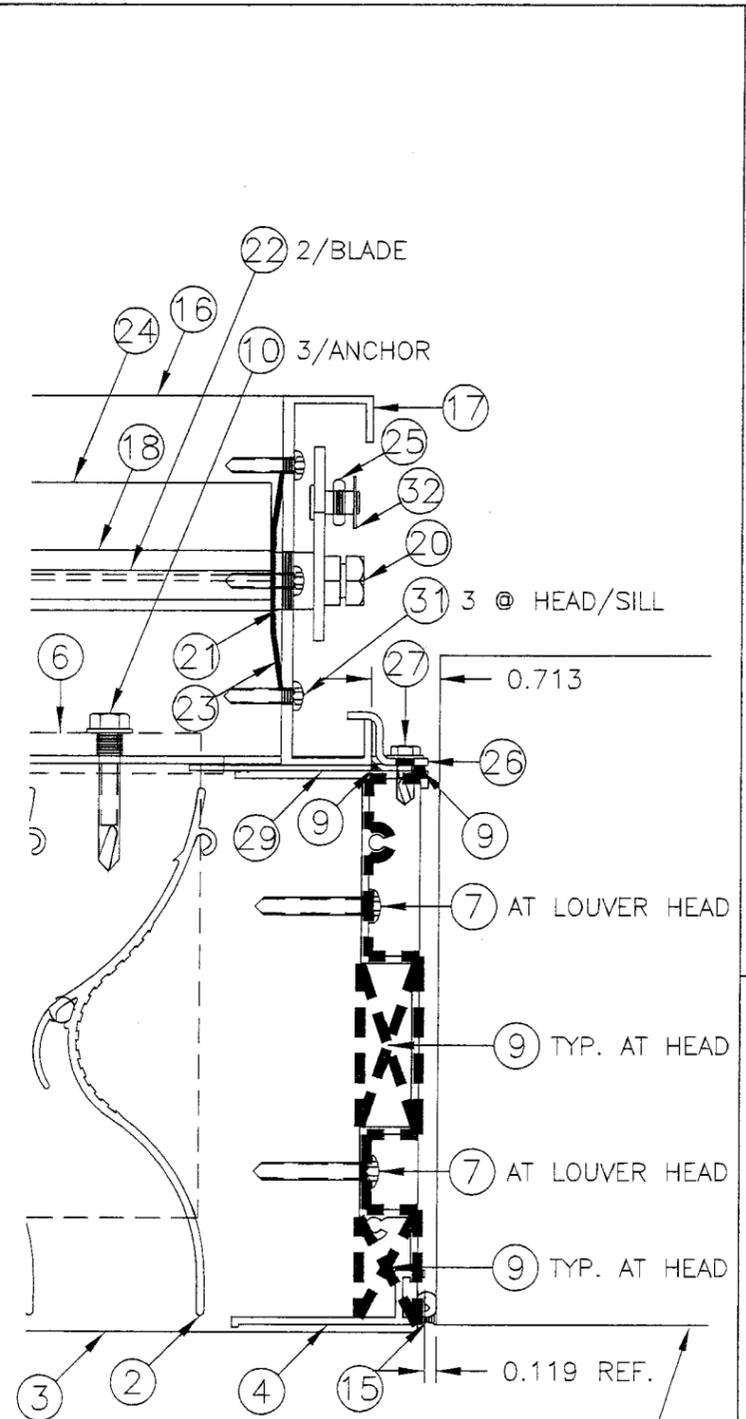
3 @ HEAD/SILL

2/BLADE

3

5/12

JAMB DETAIL



0.713

0.119 REF.

BUILDING CONDITION NOT BY AIROLITE

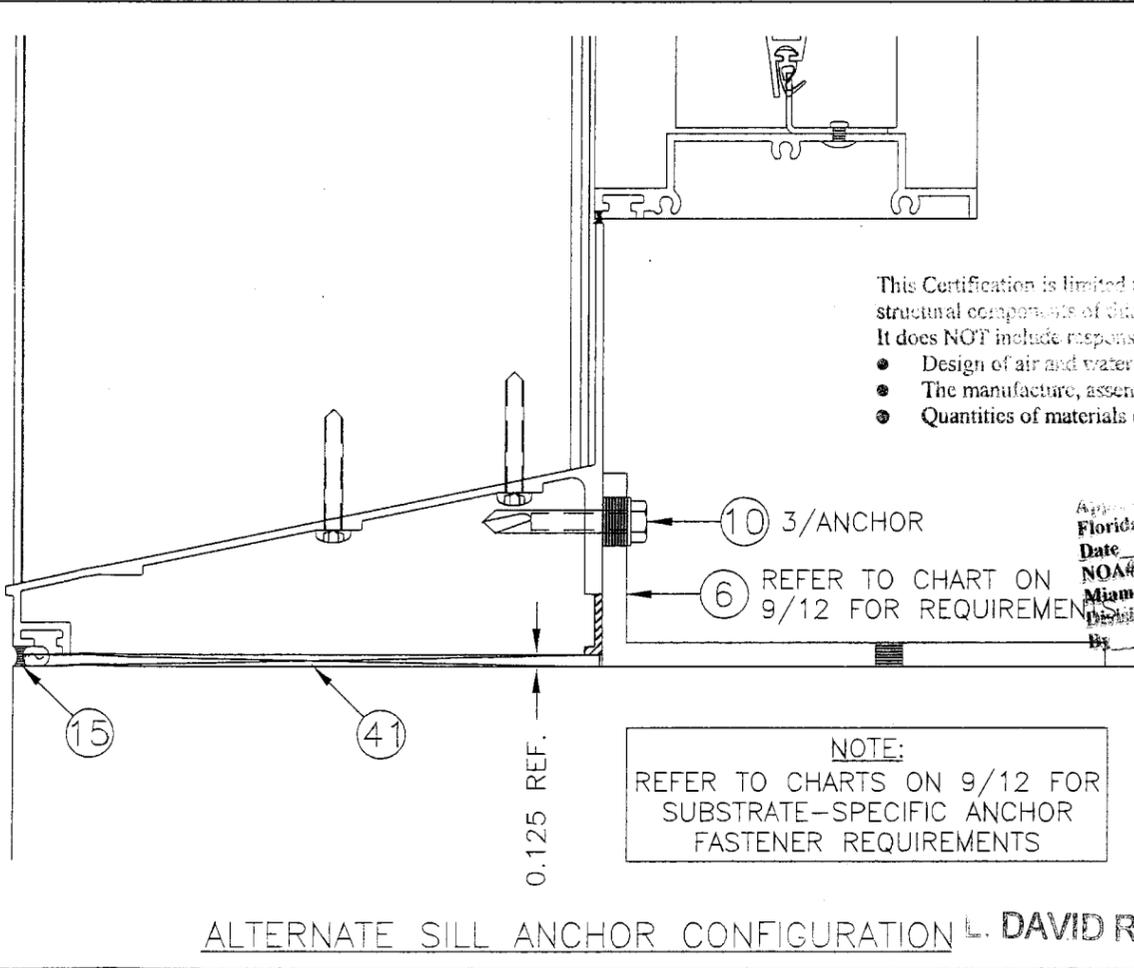
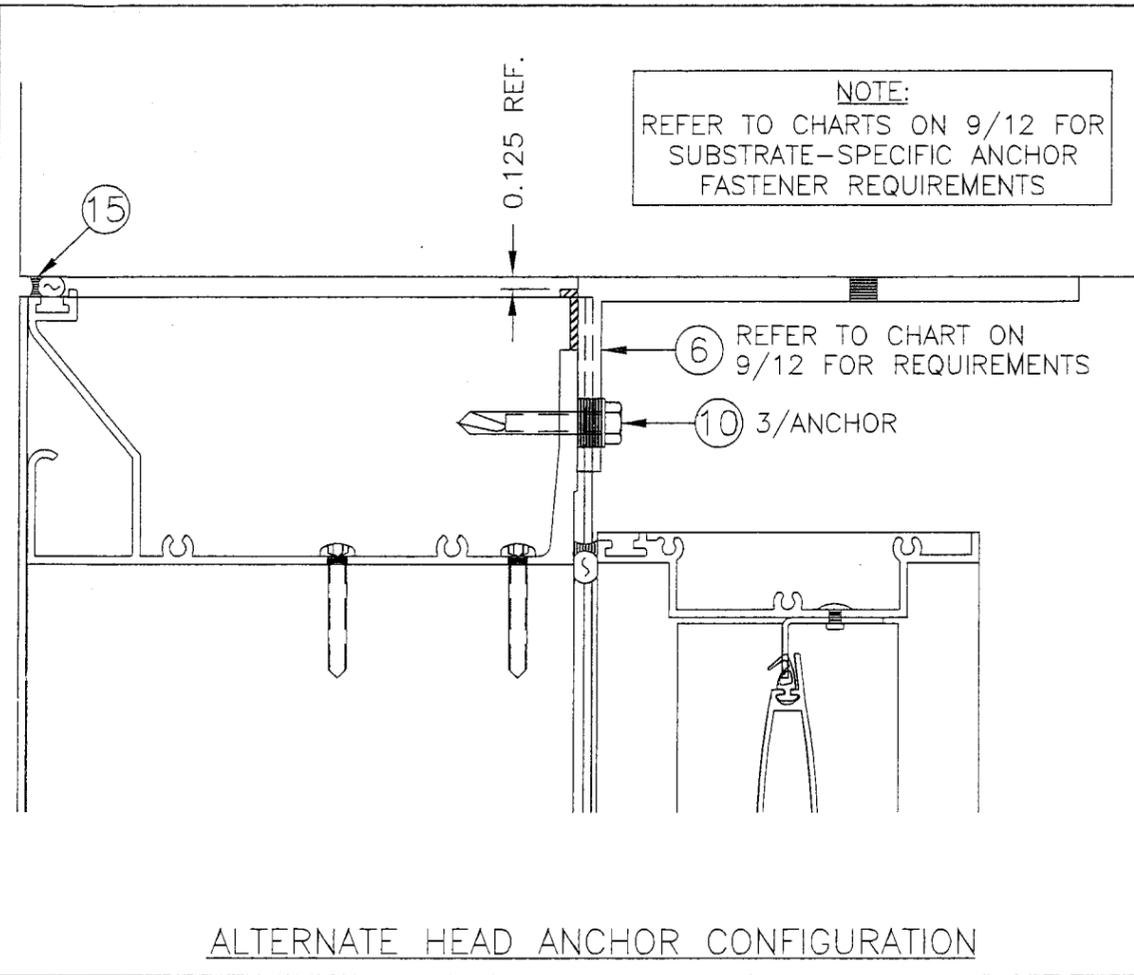
3 @ HEAD/SILL

2/BLADE

4

5/12

JAMB DETAIL



NOTE:  
REFER TO CHARTS ON 9/12 FOR  
SUBSTRATE-SPECIFIC ANCHOR  
FASTENER REQUIREMENTS

NOTE:  
REFER TO CHART ON  
9/12 FOR REQUIREMENTS

NOTE:  
REFER TO CHARTS ON 9/12 FOR  
SUBSTRATE-SPECIFIC ANCHOR  
FASTENER REQUIREMENTS

DATE	6/19/2006
DRAWN BY	BRINKMAN
SCALE	1/2
SHEET NO.	5 OF 12
CAD DRAWING NO.	MD-101

**AIROLITE**  
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SCHOFIELD, WISCONSIN 54476  
715-359-6171

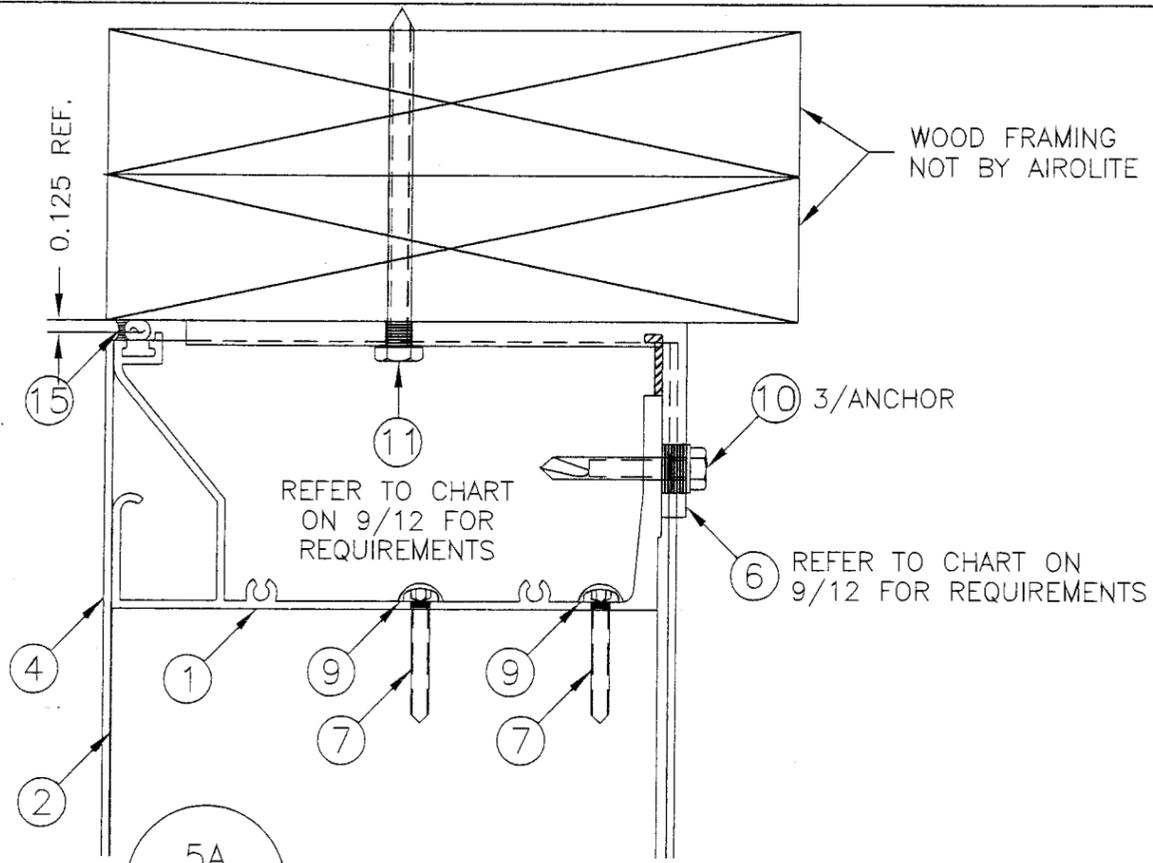
TITLE  
SCV602MD LOUVER W/  
VCD40 DAMPER  
JAMB AND ALTERNATE  
ANCHORAGE DETAILS

This Certification is limited to the structural design of structural components of this louver system. It does NOT include responsibility for:

- Design of air and water infiltration prevention.
- The manufacture, assembly, or installation of the system.
- Quantities of materials or dimensional accuracy of drawings

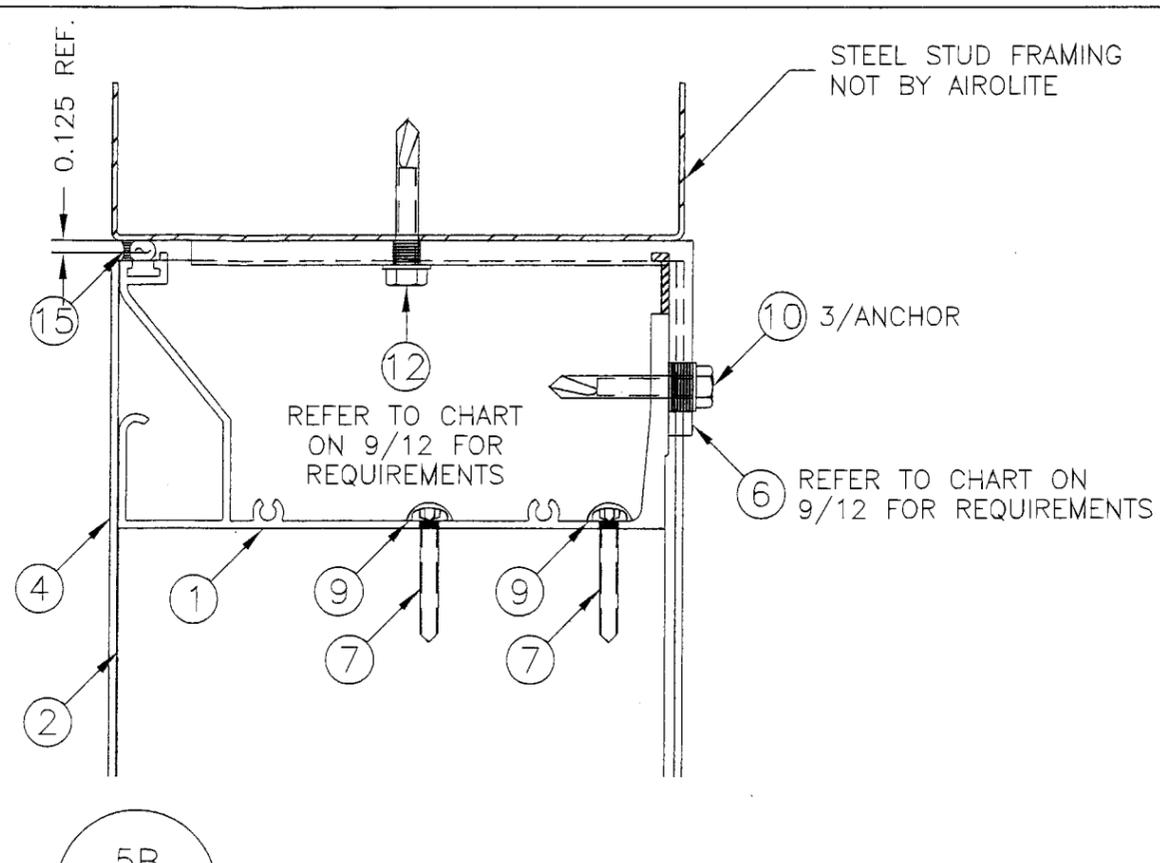
Approved by:  
Florida State Architect  
Date: 05/10/07  
NOA#: 07-0122-07  
Miami Dade Product Control  
By: M. Shark

*[Handwritten Signature]*



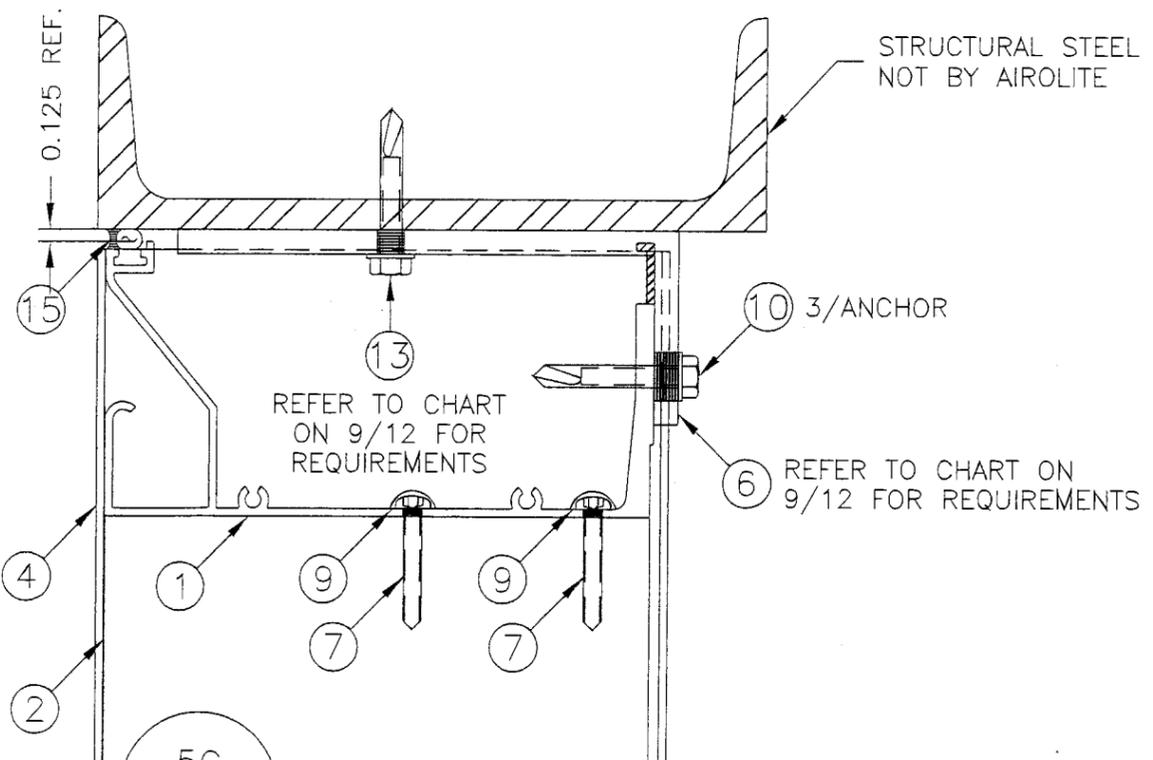
5A  
6/12

INSTALLATION INTO WOOD FRAMED OPENING



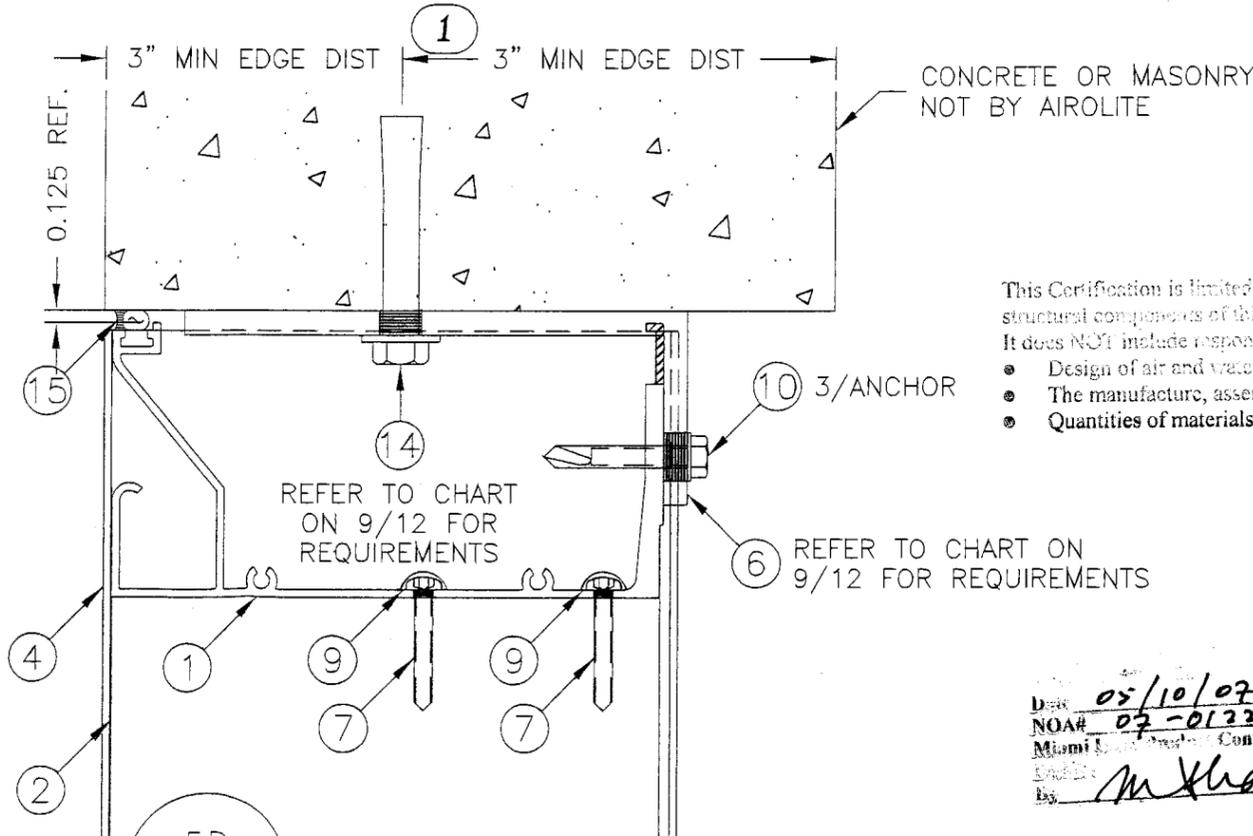
5B  
6/12

INSTALLATION INTO STEEL STUD FRAMED OPENING



5C  
6/12

INSTALLATION INTO STRUCTURAL STEEL OPENING



5D  
6/12

INSTALLATION INTO CONCRETE/MASONRY OPENING

REVISION	BY	DATE	SYM
ADD DIMENSION	CWC	10/19/2006	1
DRAWN BY		DATE	
BRINKMAN		6/19/2006	
SCALE			
1/2			
SHEET NO.			
6 OF 12			
CAD DRAWING NO.			
MD-101			

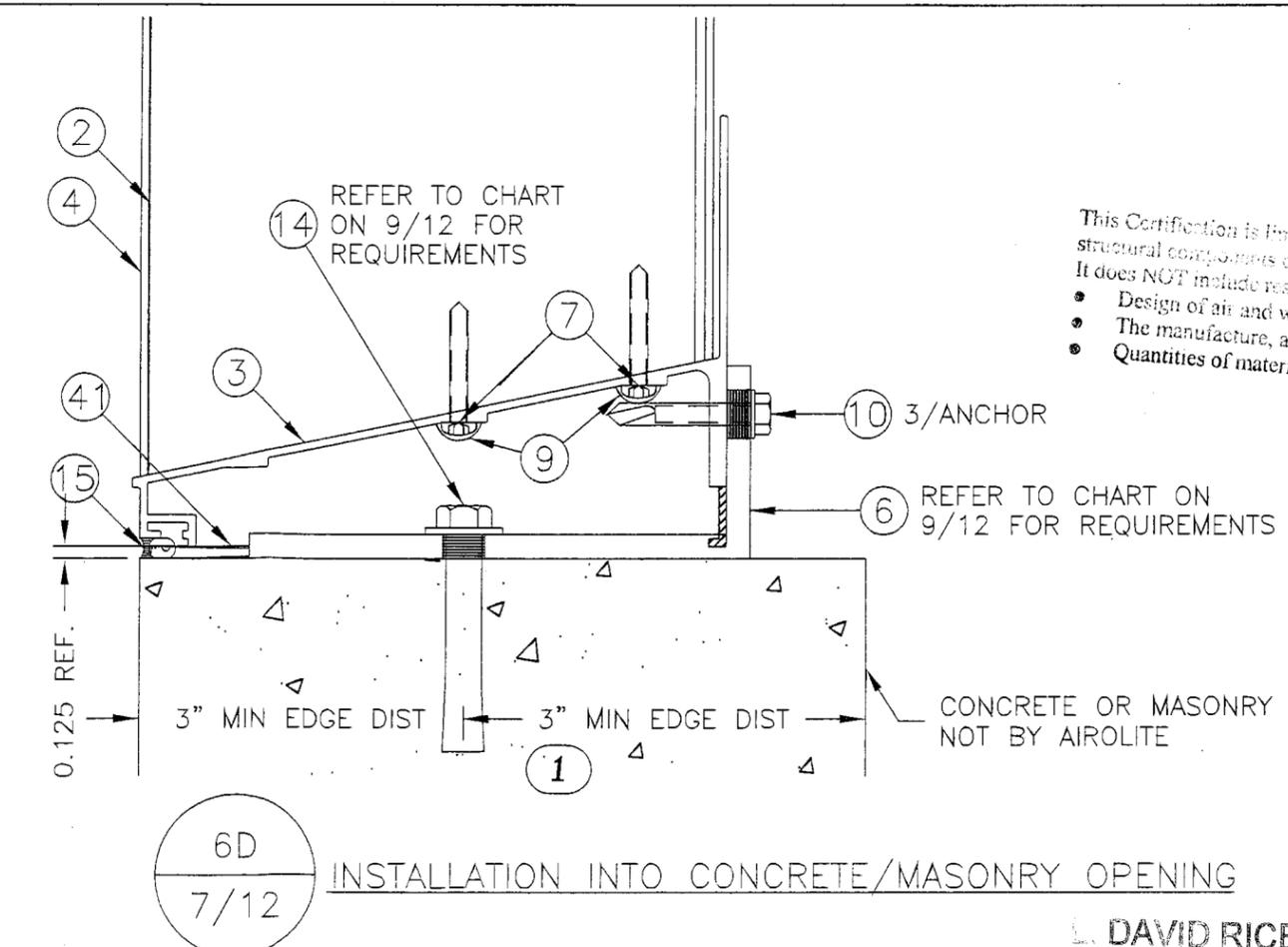
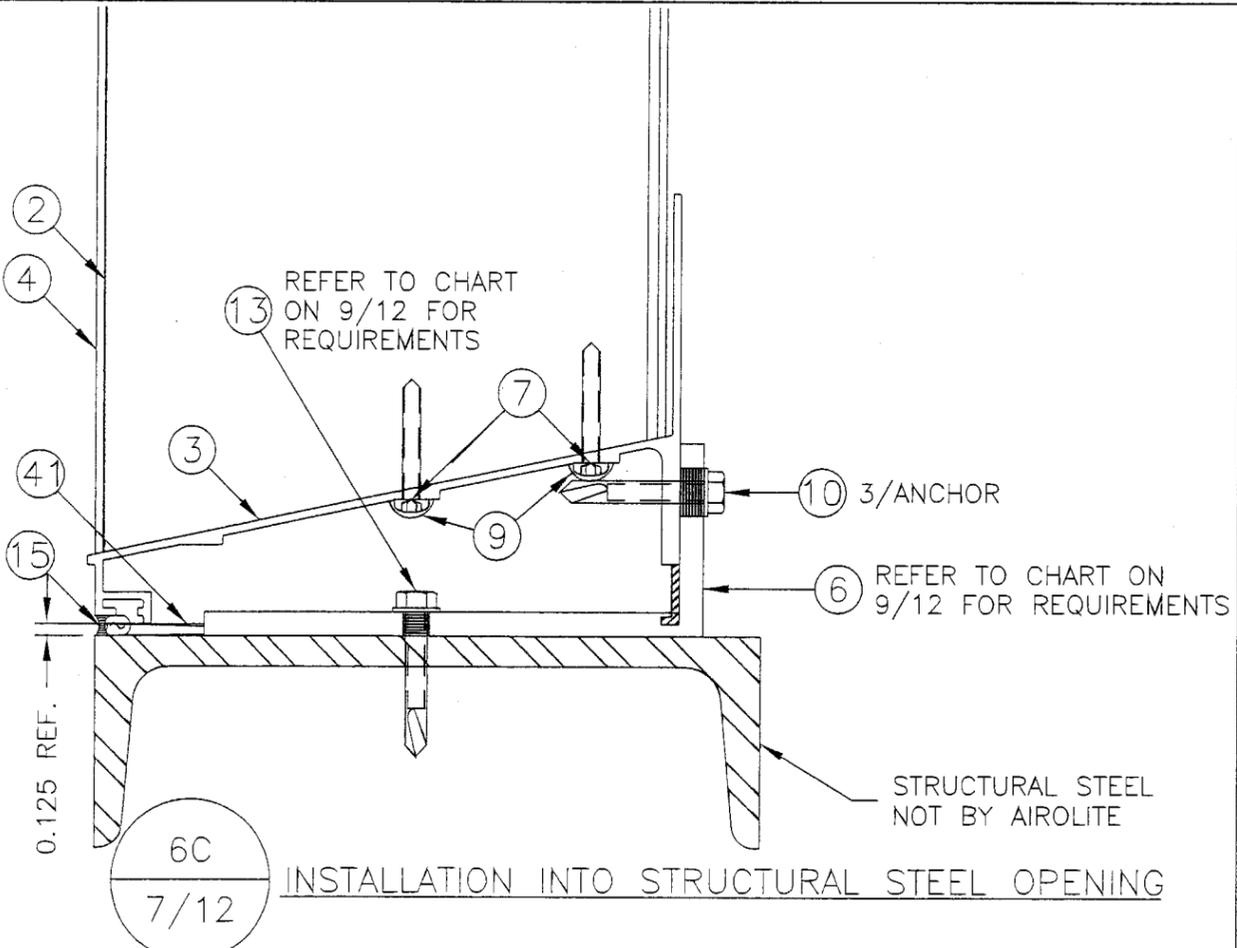
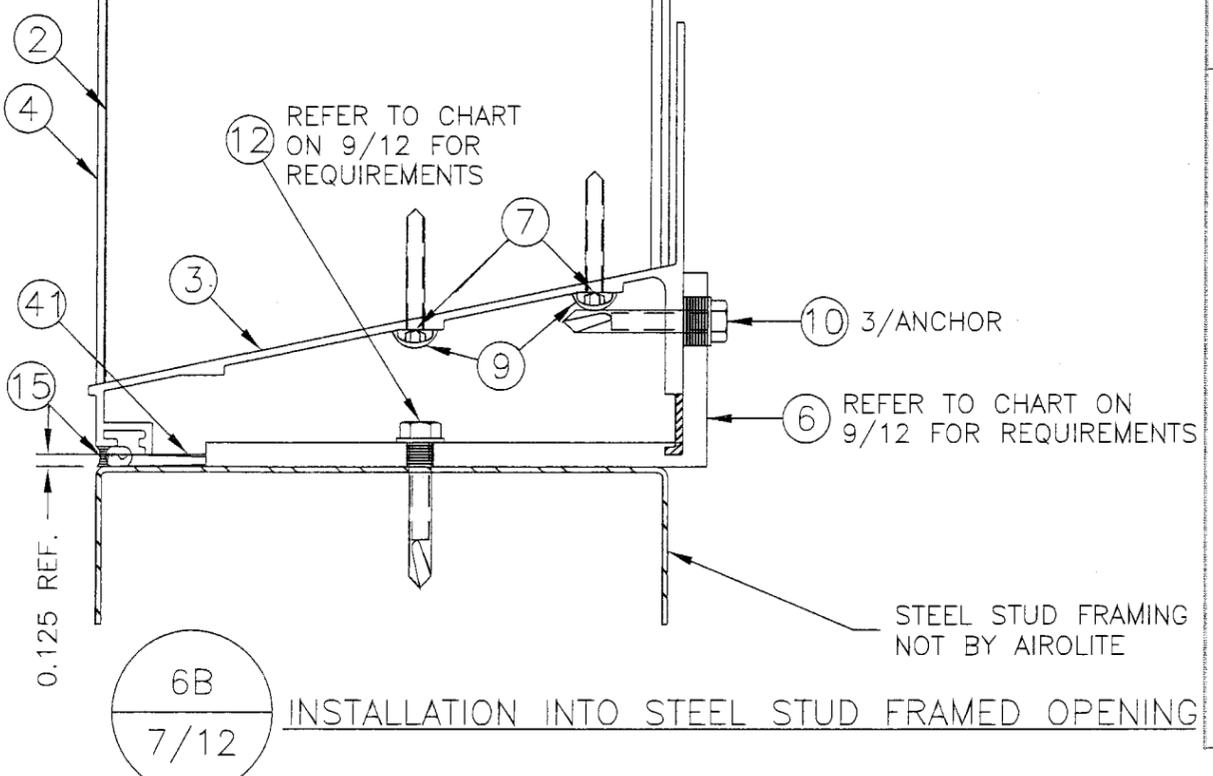
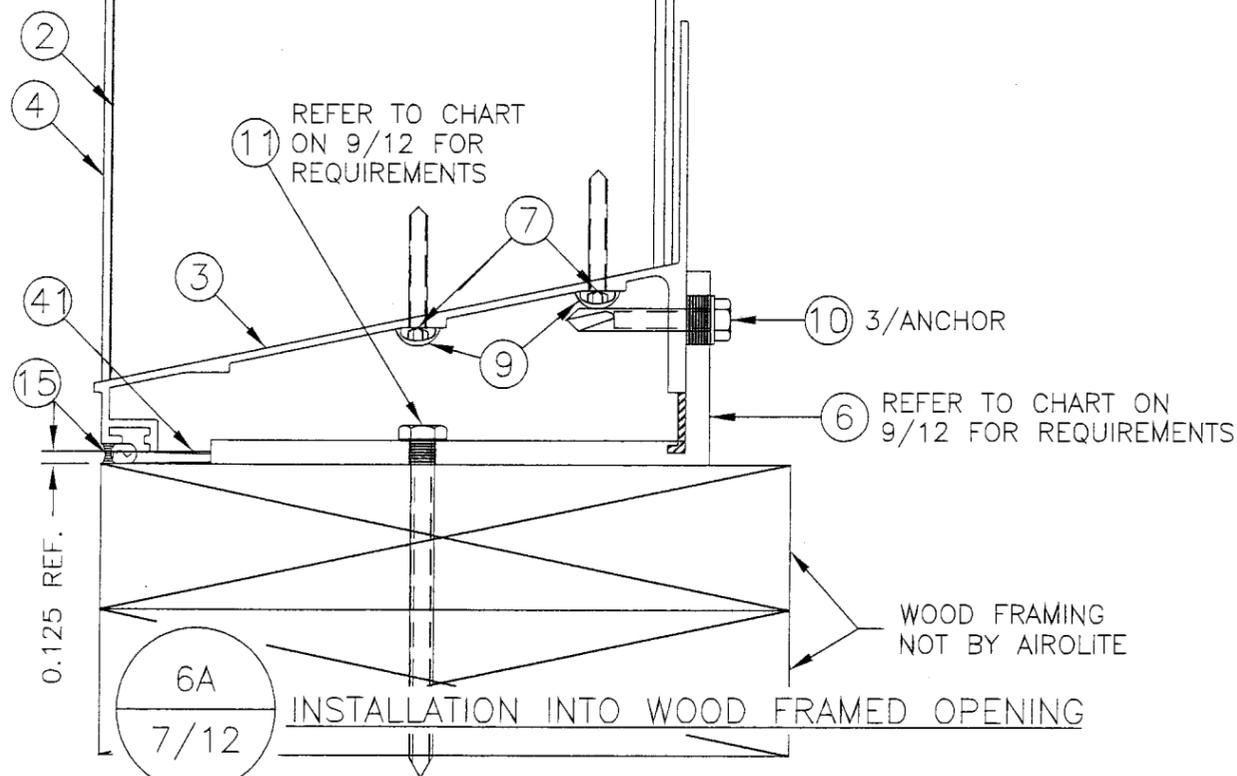
**AIROLITE**  
The look that works.<sup>™</sup>  
SCHOFIELD, WISCONSIN 54476  
715-359-6171

TITLE  
SCV602MD LOUVER  
HEAD DETAILS

This Certification is limited to the structural design of structural components of this louver system. It does NOT include responsibility for:

- Design of air and water infiltration prevention.
- The manufacture, assembly, or installation of the system.
- Quantities of materials or dimensional accuracy of drawings

Date: 05/10/07  
NOA#: 07-0132-07  
Miami Control  
By: M. Khair



REVISION	BY	DATE	SYM
	CWC	10/19/2006	1
ADD DIMENSION	DRAWN BY	DATE	
	BRINKMAN	6/19/2006	
	SCALE	1/2	
	SHEET NO.	7 OF 12	
	CAD DRAWING NO.	MD-101	

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SCHOFIELD, WISCONSIN 54476  
715-359-6171

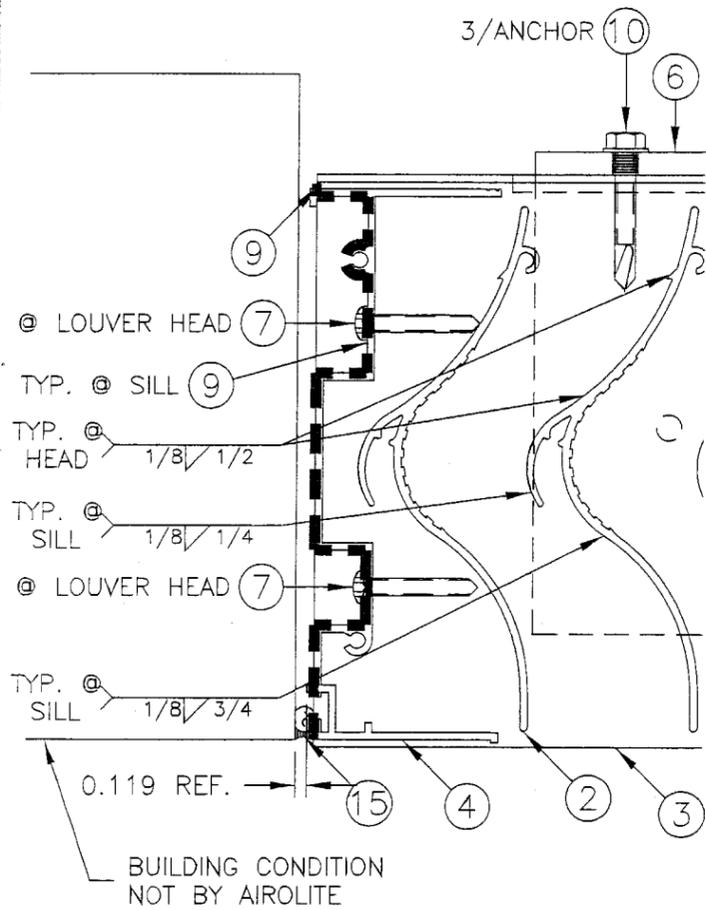
TITLE  
SCV602MD LOUVER  
SILL DETAILS

This Certification is limited to the structural design of structural components of the Louver system. It does NOT include responsibility for:  
 • Design of air and water infiltration prevention.  
 • The manufacture, assembly, or installation of the system.  
 • Quantities of materials or dimensional accuracy of drawings

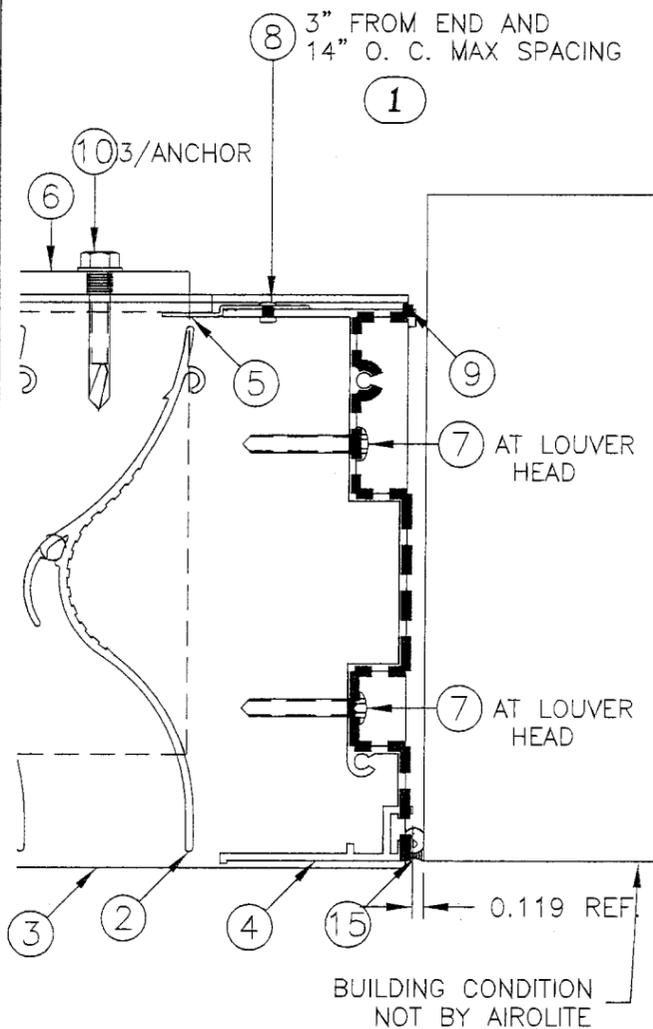
05/10/07  
07-0122.07  
M. Khakh

L. DAVID RICE

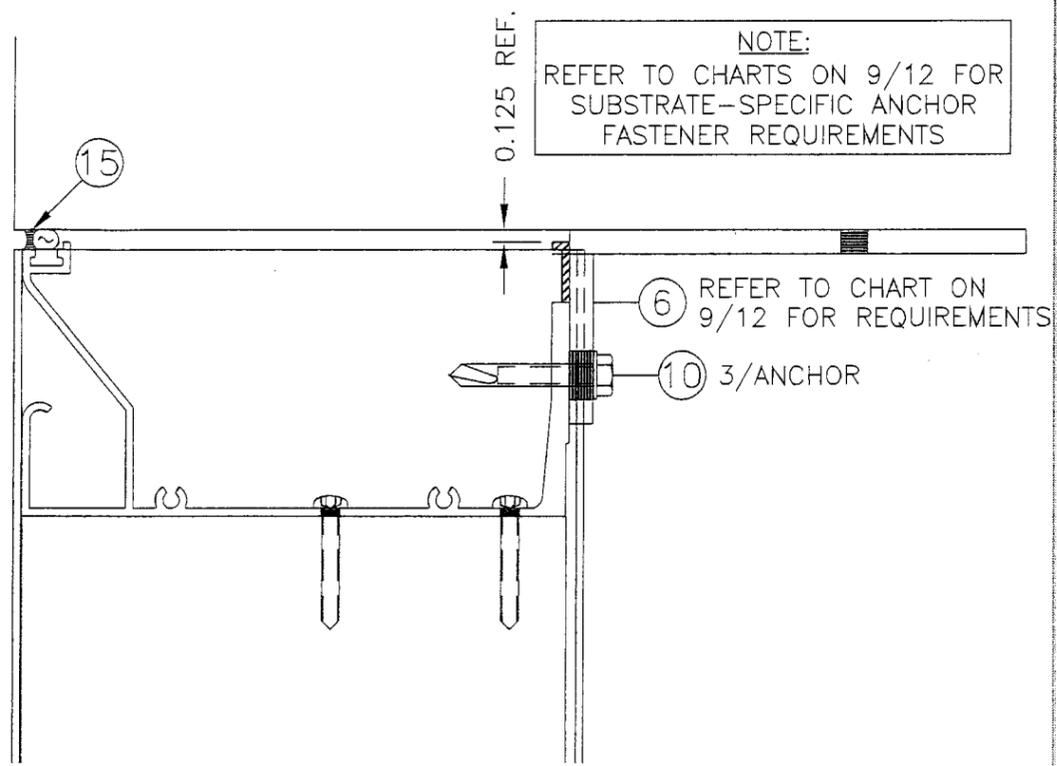
MAR 16 2007



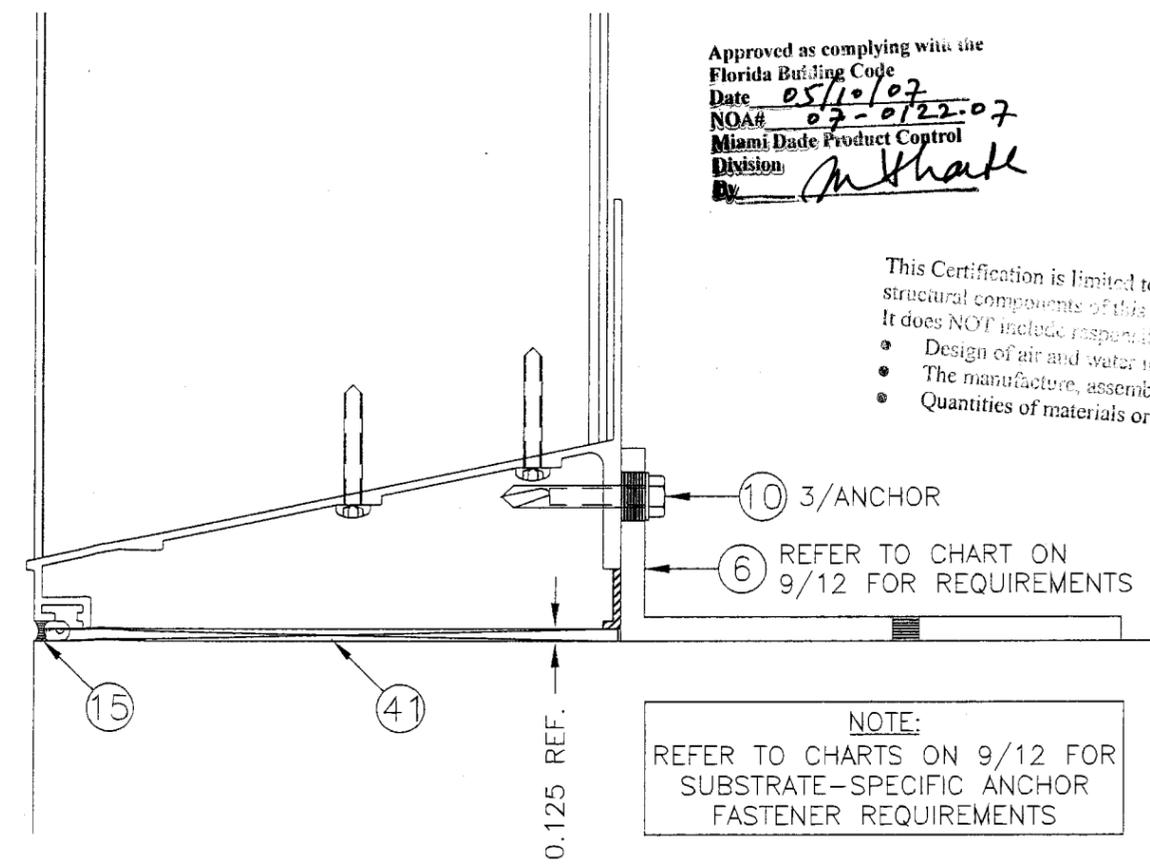
7 / 8/12 JAMB DETAIL



8 / 8/12 JAMB DETAIL



ALTERNATE HEAD ANCHOR CONFIGURATION



ALTERNATE SILL ANCHOR CONFIGURATION

Approved as complying with the Florida Building Code  
 Date 05/10/07  
 NOA# 07-0122-07  
 Miami Dade Product Control  
 Division  
 By *M. Khalil*

This Certification is limited to the structural design of structural components of this louver system. It does NOT include responsibility for:  
 • Design of air and water infiltration prevention.  
 • The manufacture, assembly, or installation of the system.  
 • Quantities of materials or dimensional accuracy of drawings.

BY	DATE	SYM
CWC	10/19/2006	1
ADD NOTE	REVISION	
DRAWN BY	DATE	
BRINKMAN	6/19/2006	
SCALE		
1/2		
SHEET NO.		
8 OF 12		
CAD DRAWING NO.		
MD-101		

**AIROLITE**  
 The look that works.<sup>SM</sup>  
 SCHOFIELD, WISCONSIN 54476  
 715-359-6171

TITLE  
 SCV602MD LOUVER  
 JAMB AND ALTERNATE  
 ANCHORAGE DETAILS

*[Handwritten Signature]*

ANCHOR FASTENER REQUIREMENTS (BY OTHERS)					
NOM. LOUVER WIDTH	ANCHOR QTY.	ANCHOR LENGTH	SUBSTRATE	ITEM #	QTY./ANCHOR
12" THRU 14"	1	6.75"	WOOD	11	3
			STEEL STUD	12	3
			STRUCTURAL STEEL	13	2
			CONCRETE/MASONRY	14	3
>14" THRU 18"	1	8.75"	WOOD	11	4
			STEEL STUD	12	4
			STRUCTURAL STEEL	13	2
			CONCRETE/MASONRY	14	4
>18" THRU 24"	1	12"	WOOD	11	5
			STEEL STUD	12	5
			STRUCTURAL STEEL	13	3
			CONCRETE/MASONRY	14	5
>24" THRU 28"	2	6.75"	WOOD	11	3
			STEEL STUD	12	3
			STRUCTURAL STEEL	13	2
			CONCRETE/MASONRY	14	3
>28" THRU 36"	2	8.75"	WOOD	11	4
			STEEL STUD	12	4
			STRUCTURAL STEEL	13	2
			CONCRETE/MASONRY	14	4
>36" THRU 48.25"	2	12"	WOOD	11	5
			STEEL STUD	12	5
			STRUCTURAL STEEL	13	3
			CONCRETE/MASONRY	14	5

ANCHOR FASTENER REQUIREMENTS (BY OTHERS)				
ITEM #	MATERIAL	MIN. EMBED	MIN. EDGE DIST.	MIN. SPACING
11	1/4 DIA. WOOD SCREW	3"	1"	1"
12	1/4-14 ASTM A325 SELF-DRILLING SCREW		3/8"	3/4"
13	1/4-20 HILTI DRIL-FLEX		3/8"	3/4"
14	3/8 DIA. POWERS SS POWER BOLT	2"	3"	2 1/2"

REVISION	BY	DATE	SYM
	CWC	10/19/2006	1
REVISE QUANTITY AND DIMENSION			
DRAWN BY	DATE		
BRINKMAN	6/19/2006		
SCALE			
SHEET NO.	9 OF 12		
CAD DRAWING NO.	MD-101		



TITLE  
 SCV602MD LOUVER W/  
 VCD40 DAMPER  
 AND SCV602MD LOUVER  
 ANCHOR REQUIREMENTS

1

1

This Certification is limited to the structural design of structural components of this louver system. It does NOT include responsibility for:

- Design of air and water infiltration prevention.
- The manufacture, assembly, or installation of the system.
- Quantities of materials or dimensional accuracy of drawings

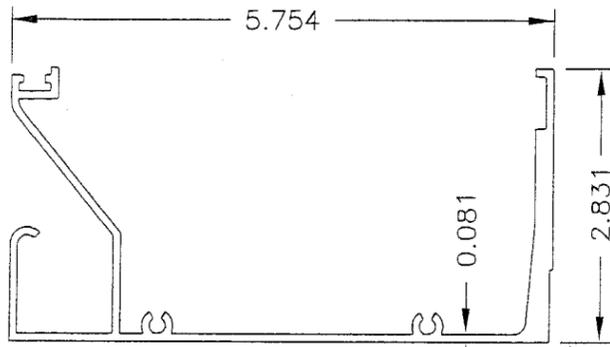
Approved as complying with the Florida Building Code  
 Date 05/10/07  
 NOA# 07-0122-07  
 Miami Product Control  
 By: *[Signature]*

1

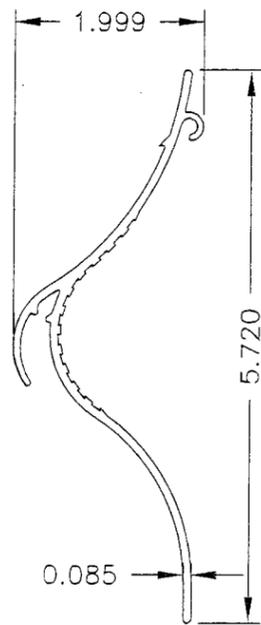
L. DAVID RICE

*[Signature]*

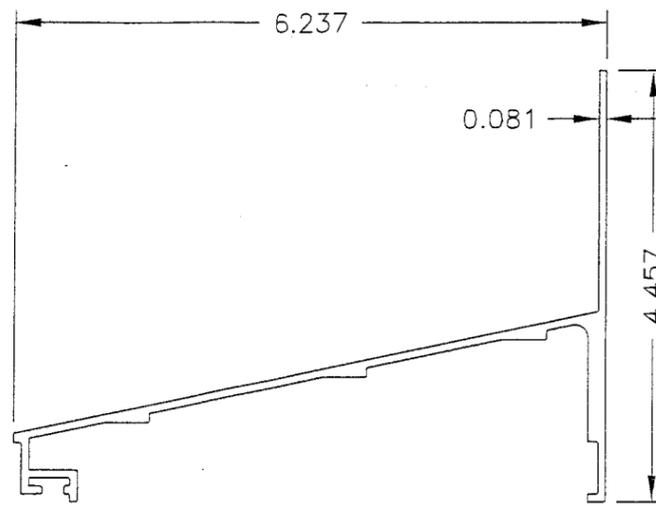
MAR 16 2007



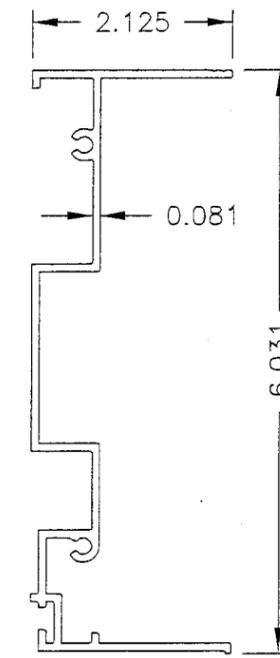
1 LOUVER HEAD  
6063-T5 ALUMINUM



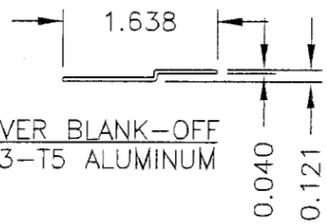
2 LOUVER BLADE  
6063-T5 ALUMINUM



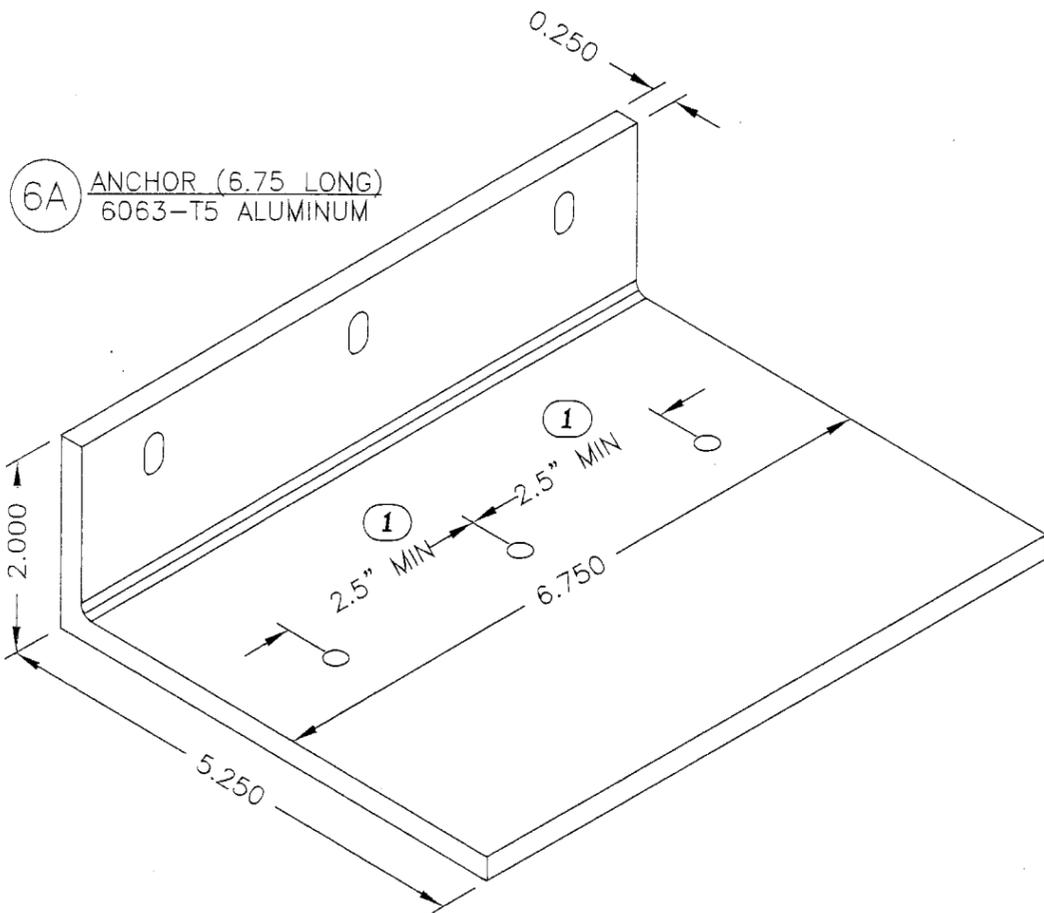
3 LOUVER SILL  
6063-T5 ALUMINUM



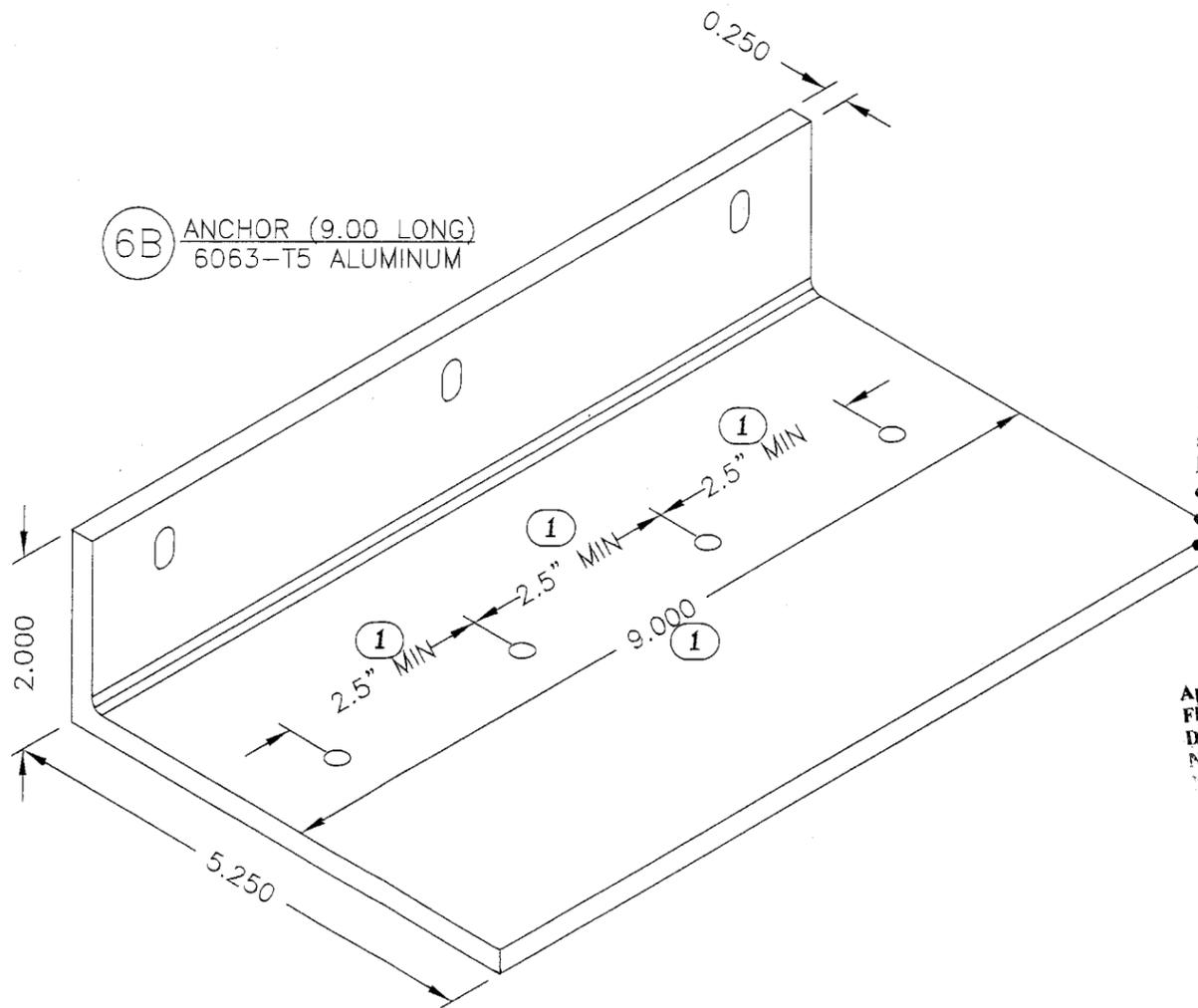
4 LOUVER JAMB  
6063-T5 ALUMINUM



5 LOUVER BLANK-OFF  
6063-T5 ALUMINUM



6A ANCHOR (6.75 LONG)  
6063-T5 ALUMINUM



6B ANCHOR (9.00 LONG)  
6063-T5 ALUMINUM

REVISION	BY	DATE	SYM
ADD MIN DIM AND REVISE LENGTH	CWC	10/19/2006	1
DRAWN BY		DATE	
BRINKMAN		6/19/2006	
SCALE		1/2	
SHEET NO.		10 OF 12	
TITLE		CAD DRAWING NO.	MD-101

**AIRROLITE**  
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SCHOFIELD, WISCONSIN 54476  
715-359-6171

SCV602MD LOUVER W/  
VCD40 DAMPER  
AND SCV602MD LOUVER  
PART PROFILES

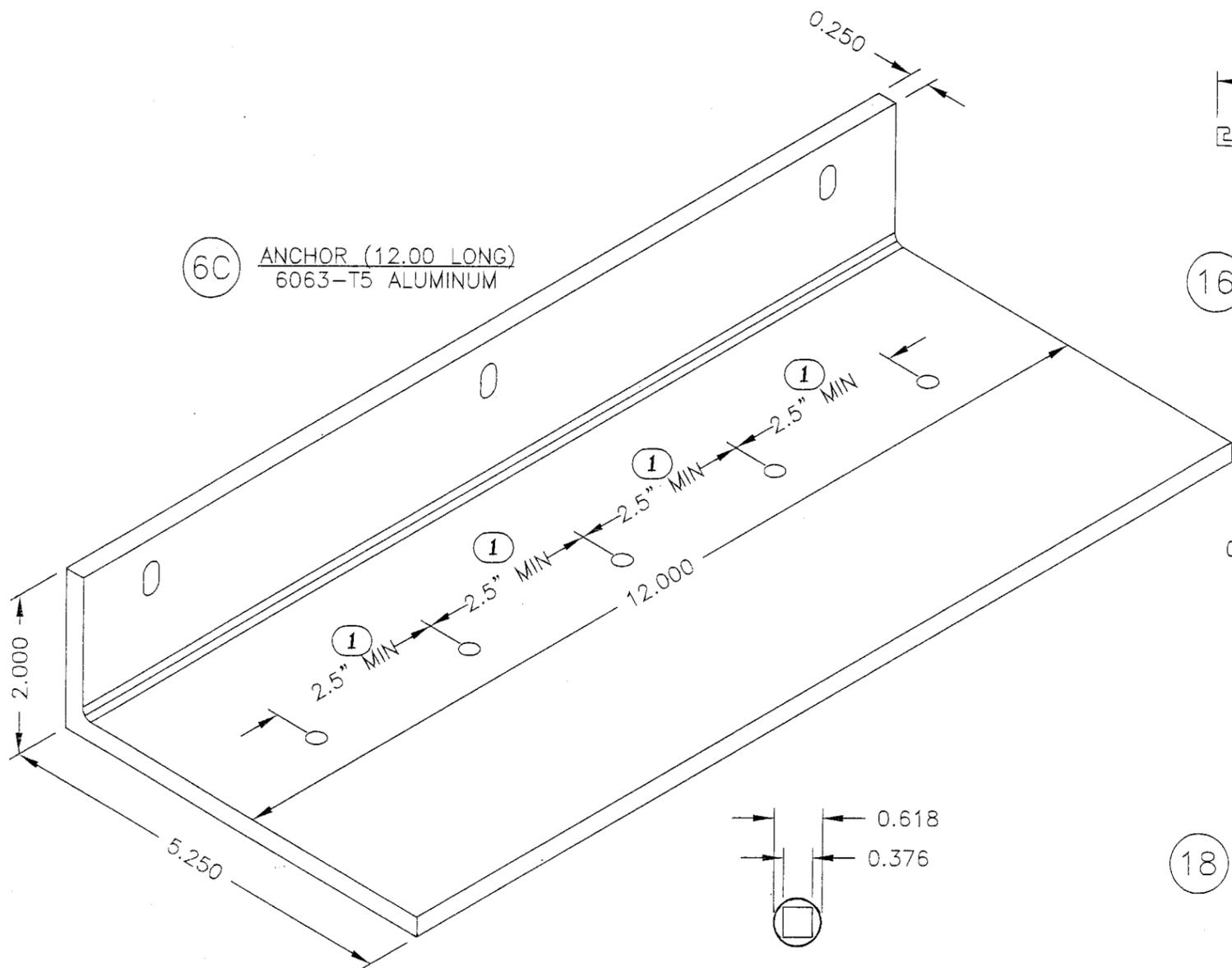
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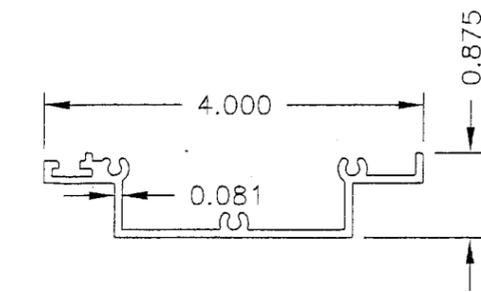
Approved as complying with the Florida Building Code  
Date 05/10/07  
NO. 07-0122-07  
*M. Khair*

L. DAVID RICE

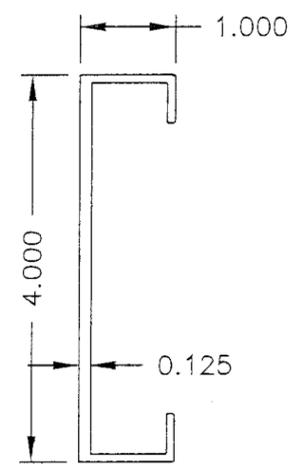
MAR 16 2007



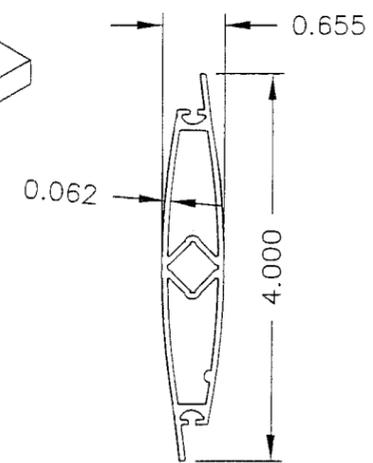
6C ANCHOR (12.00 LONG)  
6063-T5 ALUMINUM



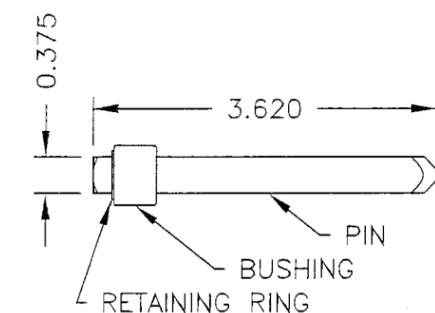
16 DAMPER HEAD/SILL  
6063-T5 ALUMINUM



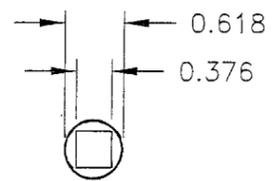
17 DAMPER JAMB  
6063-T5 ALUMINUM



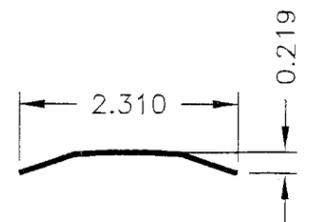
18 DAMPER BLADE  
6063-T5 ALUMINUM



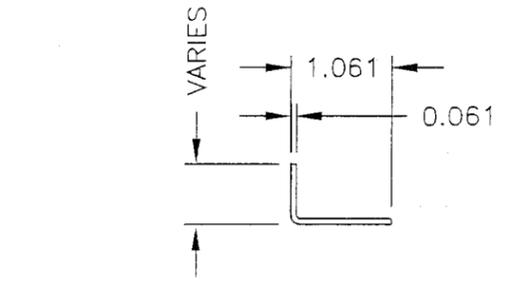
19 NON-DRIVE DAMPER AXLE ASSY.  
MATERIAL VARIES



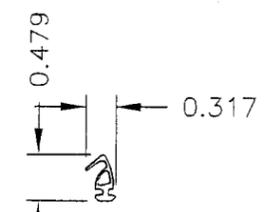
21 DAMPER AXLE BUSHING (.445" LG.)  
MATERIAL VARIES



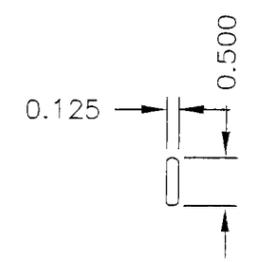
23 DAMPER JAMB SEAL  
.007" SS



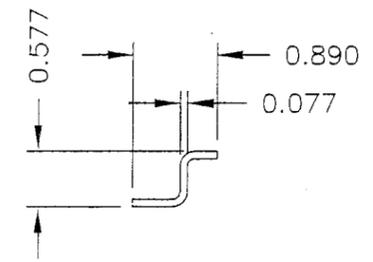
24 DAMPER TOP/BOTTOM CLOSURE  
ALUMINUM



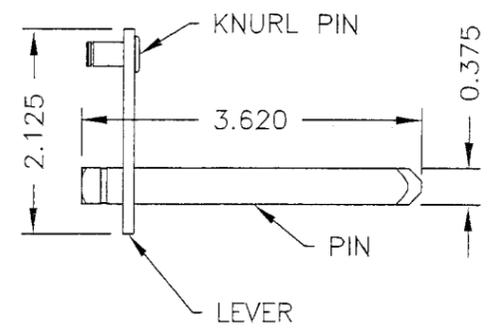
22 DAMPER BLADE SEAL  
MATERIAL VARIES



25 DAMPER LINKAGE BAR  
MATERIAL VARIES



26 FORMED "Z" CLIP  
ALUMINUM

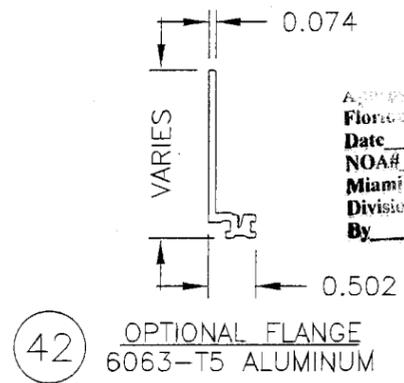


20 DRIVE-SIDE DAMPER AXLE ASSY.  
MATERIAL VARIES

This Certification is limited to the structural design of structural components of this tower system. It does NOT include responsibility for:

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- The manufacture, assembly, or installation of the system.
- Quantities of materials or dimensional accuracy of drawings

Approved as complete, with 100%  
 Date: 05/10/07  
 NOA#: 07-012207  
 Miami  
 Division  
 By: *[Signature]*



42 OPTIONAL FLANGE  
6063-T5 ALUMINUM

REVISION	BY	DATE	SYM
	CWC	10/19/2006	1
DRAWN BY	DATE	REVISION DATE	
BRINKMAN	6/19/2006		
SCALE	1/2		
SHEET NO.	11 OF 12		
CAD DRAWING NO.	MD-101		

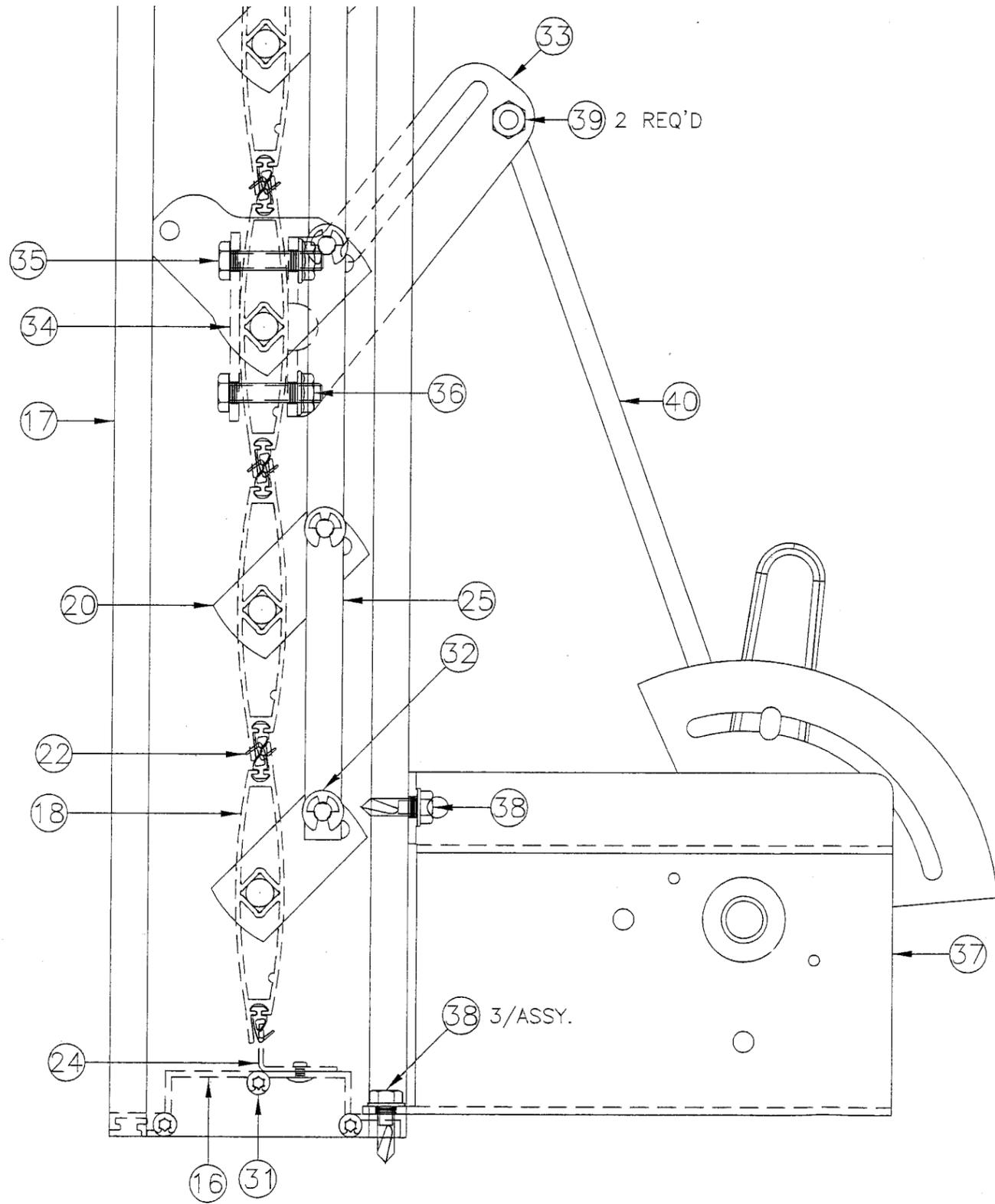
**AIRROLITE**  
 The look that works.<sup>SM</sup>  
 SCHOFIELD, WISCONSIN 54476  
 715-359-6171

TITLE  
 SCV602MD LOUVER W/  
 VCD40 DAMPER  
 AND SCV602MD LOUVER  
 PART PROFILES

L. DAVID RICE

*[Signature]*

MAR 16 2007



MANUAL QUAD DAMPER ACTUATOR

Approved as per submittal with 640  
 Florida Building Code  
 Date 05/10/07  
 NOA 07-0122-07  
 By [Signature]

DAVID RICE

MAR 16 2007



TITLE  
 SCV602MD LOUVER W/  
 VCD40 DAMPER  
 MANUAL QUAD ACTUATOR

DRAWN BY  
 BRINKMAN

DATE  
 6/19/2006

SCALE  
 1/2

SHEET NO.  
 12 OF 12

CAD DRAWING NO.  
 MD-101

This Certification is limited to the structural design of structural components of this louver system. It does NOT include responsibility for;

- Design of air and water infiltration prevention.
- The manufacture, assembly, or installation of the system.
- Quantities of materials or dimensional accuracy of drawings