



MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

Leader Industries, Inc.
 P.O. Box 40913
 Nashville, TN 37204

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 DC-AGV Aluminum Gravity Ventilator

APPROVAL DOCUMENT: Drawing No. 08-00719, titled "DC-AGV Aluminum Gravity Ventilator", sheets 1 through 10 of 10, dated 04/03/2009, with revision A dated 08/19/2009, prepared by Leader Industries, Inc., signed and sealed by Luis R. Lomas, 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 Section.

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, model/series, 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 # 12-0208.08 and 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.



[Signature]
 10/14/2015

NOA No. 14-1028.01
 Expiration Date: October 07, 2019
 Approval Date: January 22, 2015
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

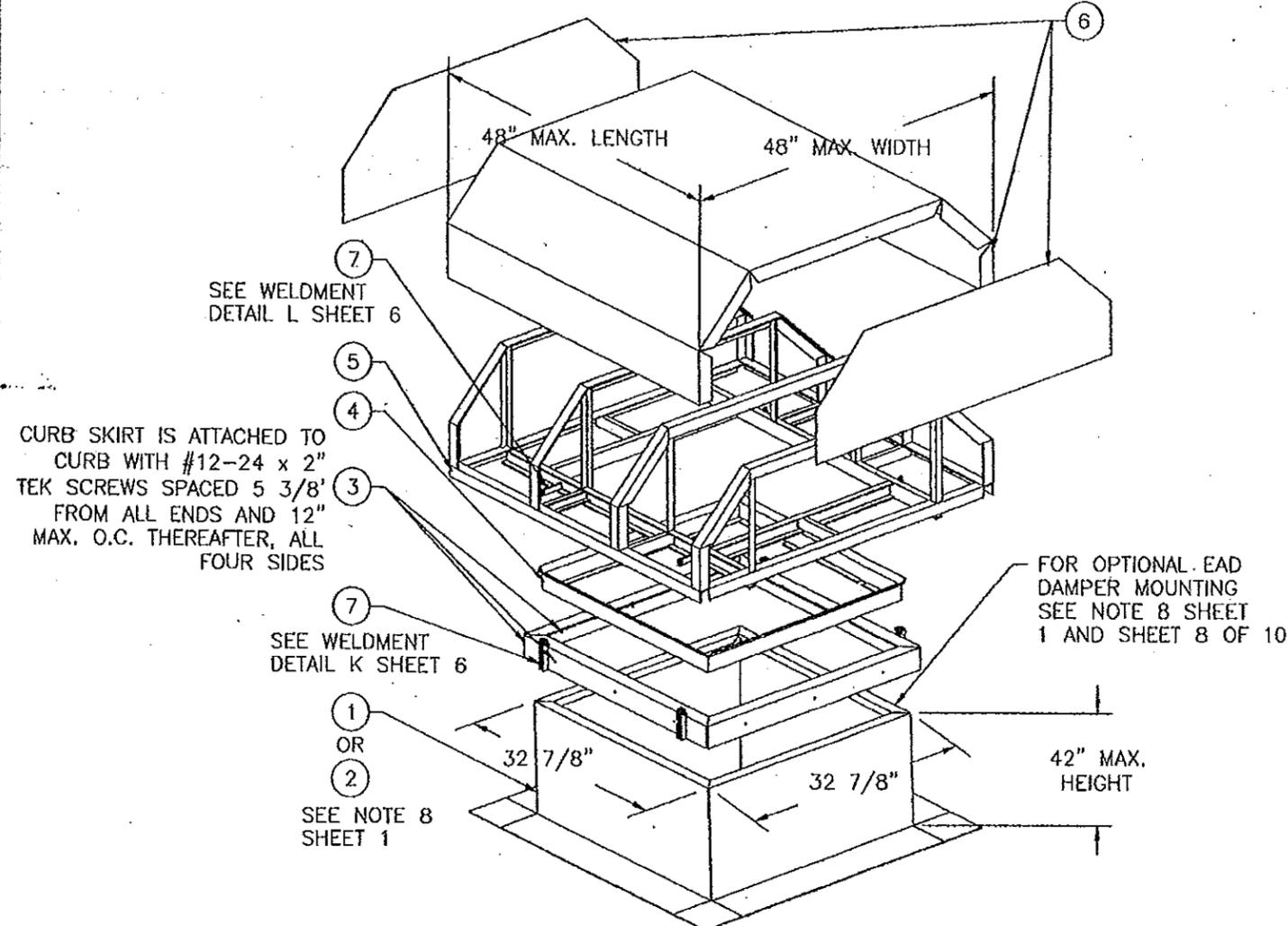
- A. DRAWINGS “Submitted under NOA # 09-0610.11”**
1. Drawing No. **08-00719**, titled “DC-AGV Aluminum Gravity Ventilator”, Sheets 1 through 10 of 10, dated 04/03/2009, with revision A dated 08/19/2009, prepared by Leader Industries, Inc., signed and sealed by Luis R. Lomas, P.E.
- B. TESTS “Submitted under NOA # 09-0610.11”**
1. Test report on 1) Uniform Static Air Pressure Test per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94,
3) Cyclic Wind Pressure Test per FBC, TAS 203-94,
along with marked-up drawings and installation diagram of Model DC-AGV Aluminum Gravity Ventilator, prepared by National Certified Testing Laboratories, Test Report No. **210-3583-1**, dated 02/18/2009, signed and sealed by Gerard J. Ferrara, P.E.
- C. CALCULATIONS “Submitted under NOA # 09-0610.11”**
1. Anchor verification calculations, dated 06/12/2009, prepared, signed and sealed by Luis R. Lomas, P.E.
- D. QUALITY ASSURANCE**
1. Miami-Dade Department of Regulatory and Economic Resources (RER)
- E. MATERIAL CERTIFICATIONS**
1. None.
- F. STATEMENTS “Submitted under NOA # 12-0208.08”**
1. Statement letter of code conformance to 2010 FBC and no financial interest, issued by L. Roberto Lomas, dated 01/24/2012, signed and sealed by Luis R. Lomas, P.E.



01/14/2015

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 14-1028.01
Expiration Date: October 07, 2019
Approval Date: January 22, 2015

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MIAMI-DADE COMMENTS	08/19/09	R.L.



CURB SKIRT IS ATTACHED TO CURB WITH #12-24 x 2" TEK SCREWS SPACED 5 3/8" FROM ALL ENDS AND 12" MAX. O.C. THEREAFTER, ALL FOUR SIDES

FOR OPTIONAL EAD DAMPER MOUNTING SEE NOTE 8 SHEET 1 AND SHEET 8 OF 10

DC-AGV 48" x 48"
EXTERIOR VIEW

WITH UP TO 12" HIGH CURB	
DESIGN PRESSURE RATING	IMPACT RATING
±135PSF	LARGE AND SMALL MISSILE IMPACT

WITH OVER 12" HIGH CURB UP TO 42" HIGH CURB	
DESIGN PRESSURE RATING	IMPACT RATING
±90PSF	LARGE AND SMALL MISSILE IMPACT

- NOTES:
- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 - 2) WOOD FRAMING, CONCRETE AND STEEL FRAMING OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. WOOD FRAMING, CONCRETE AND STEEL FRAMING OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - 3) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - 4) CURB MATERIAL: FORMED 14GA. GALVANIZED STEEL
 - 5) ROOF SKIN MATERIAL: FORMED 3003 ALUMINUM SHEET .080" THICK.
 - 6) APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
 - 7) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.46
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,200 PSI.
 - C. STEEL - 16GA. MINIMUM (WELDING INSTALLATION).
 - D. STEEL - .1875" MINIMUM (SELF-TAPPING SCREW INSTALLATION).
 - 8) ALL DC - AGV, ALUMINUM GRAVITY VENTILATORS MAY BE FITTED WITH AN OPTIONAL EAD DAMPER. DAMPER IS MOUNTED INSIDE OF CURB. SEE SHEET 8 FOR OPTIONAL EAD DAMPER MOUNTING DETAILS. MAXIMUM SINGLE EAD DAMPER SIZE IS 34 3/4" x 56".
 - 9) VENTILATOR HAS NOT BEEN TESTED FOR WIND DRIVEN RAIN RESISTANCE PER FBC, TAS 100(A).
 - 10) 36" x 36" VENTILATOR HOOD WEIGHT = 66lbs.
48" x 48" VENTILATOR HOOD WEIGHT = 109lbs.
96" x 144" VENTILATOR HOOD WEIGHT = 650lbs.

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 12-0208.08 Expiration Date 10/07/2014
By *[Signature]*
Miami Dade Product Control

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No 14-1028.01 Expiration Date 10/07/2019
By *[Signature]*
Miami Dade Product Control

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION 48" x 48" UNIT AND NOTES
2	ELEVATION 96" x 144" UNIT AND BILL OF MATERIALS
3	ANCHORING LAYOUTS
4	INSTALLATION DETAILS
5 - 8	FABRICATION DETAILS
9 - 10	COMPONENTS

Approved as complying with the Florida Building Code Date 10/07/2009 NOA# 09-1210.11 Miami Dade Product Control Division *[Signature]*

LEADER INDUSTRIES, INC.
2509 CRUZEN STREET
NASHVILLE, TN 37211

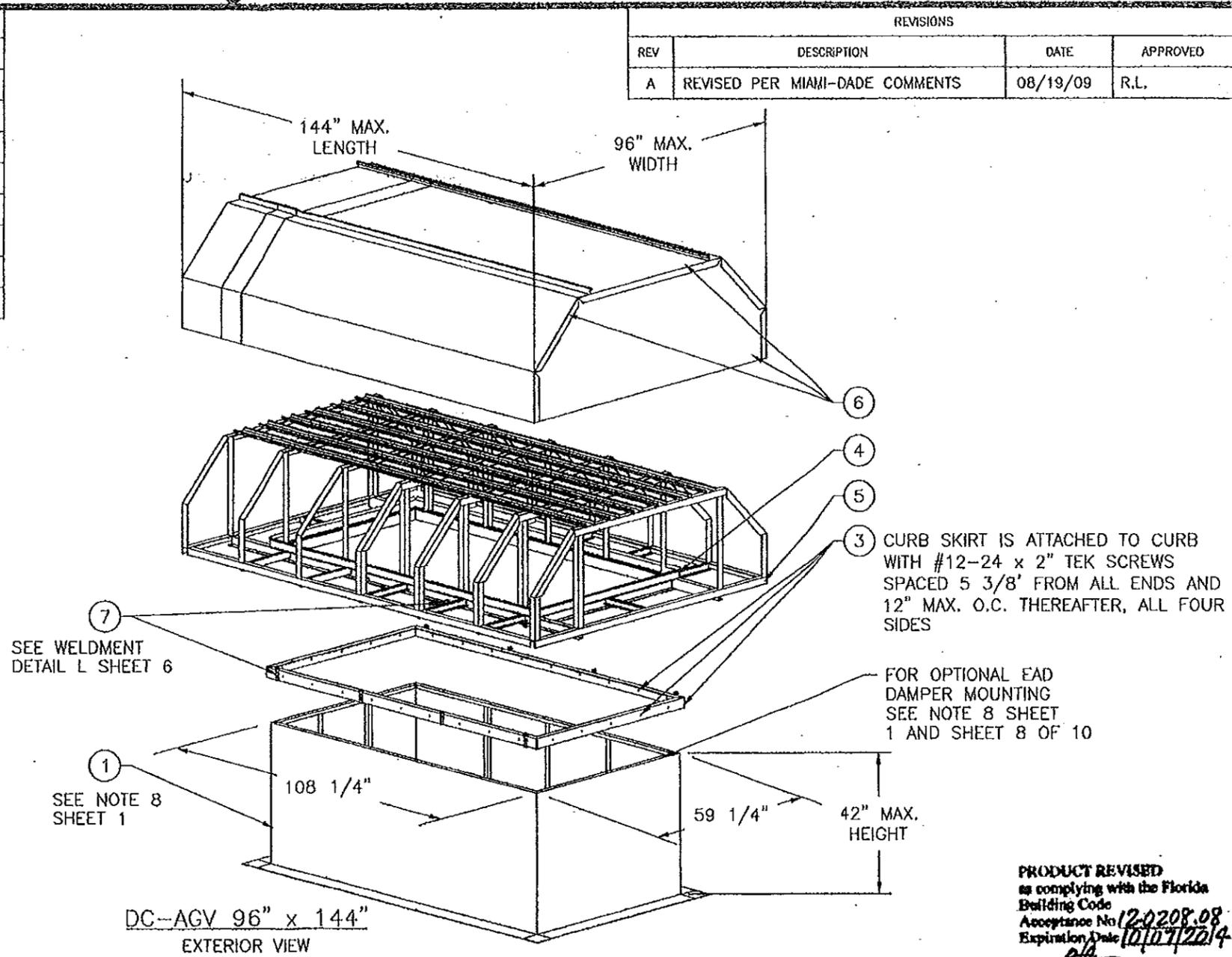
DC- AGV ALUMINUM GRAVITY VENTILATOR
48" x 48" AND 96" x 144"
ELEVATION AND NOTES

DRAWN: TJH	DWG NO. 08-00719	REV A
SCALE NTS	DATE 04/03/09	SHEET 1 OF 10

[Signature]
8/27/09
Luis R. Lomas P.E.
Florida No. 62514

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	DC-CSSF-42	CURB 42" TALL, 14GA.	LEADER INDST.	GALVANIZED STEEL
2	DC-CSSF-12	CURB 12" TALL, 14GA.	LEADER INDST.	GALVANIZED STEEL
3		CURB SKIRT	LEADER INDST.	ALUMINUM 6063-T5
4		BAFFLE	LEADER INDST.	ALUMINUM 3003
5		HOOD SUPPORT TRUSS	LEADER INDST.	ALUMINUM 6063-T5
6		HOOD SKIN	LEADER INDST.	ALUMINUM 3003
7		OPT. 3-PIECE HINGE 1" x 1/4" BAR	LEADER INDST.	ALUMINUM 6063-T5
8		EAD DAMPER ASSEMBLY	LEADER INDST.	VARIOUS

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DESIGN PRESSURE RATING	IMPACT RATING
±90PSF	LARGE AND SMALL MISSILE IMPACT

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Approved as complying with the Florida Building Code Date: 10/07/2009 NOA # 02-0610-11 Miami Dade Product Control
By *[Signature]*

LEADER INDUSTRIES, INC.
2509 CRUZEN STREET
NASHVILLE, TN 37211

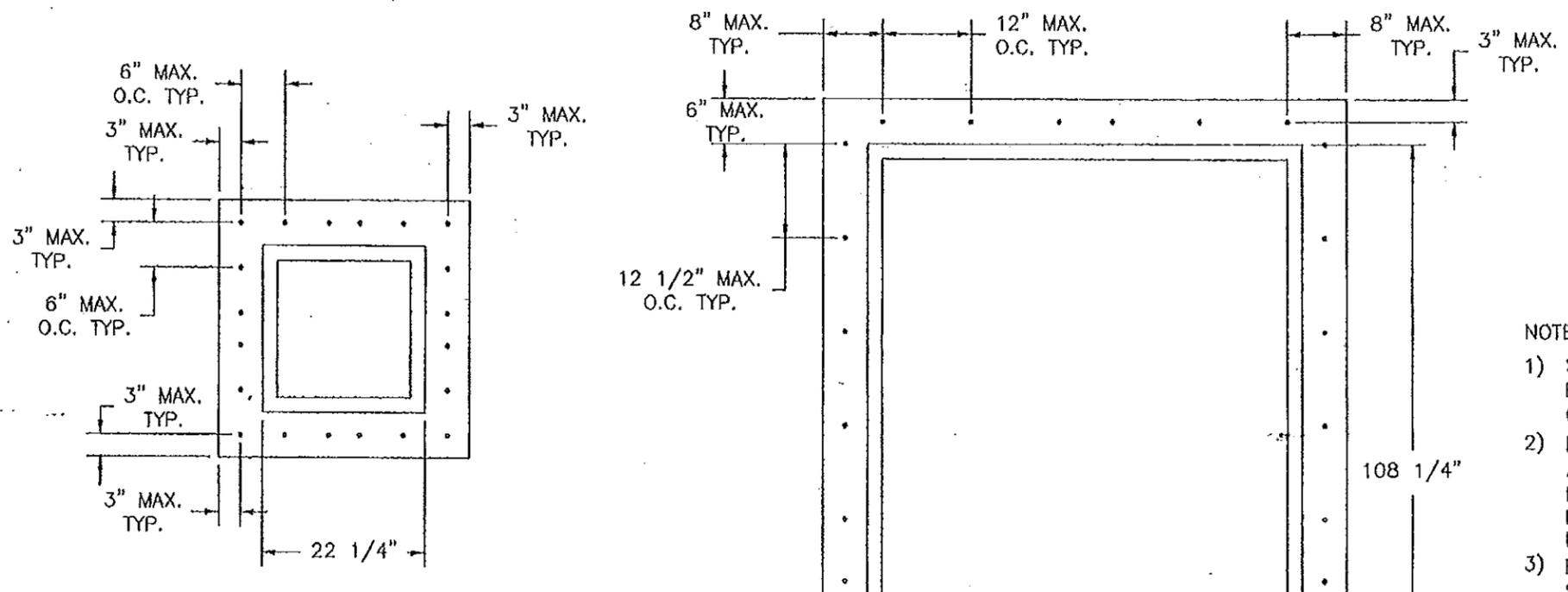
DC- AGV ALUMINUM GRAVITY VENTILATOR
48" x 48" AND 96" x 144"
ELEVATION AND BILL OF MATERIALS

DRAWN: TJH	DWG NO. 08-00719	REV A
SCALE NTS	DATE 04/03/09	SHEET 2 OF 10

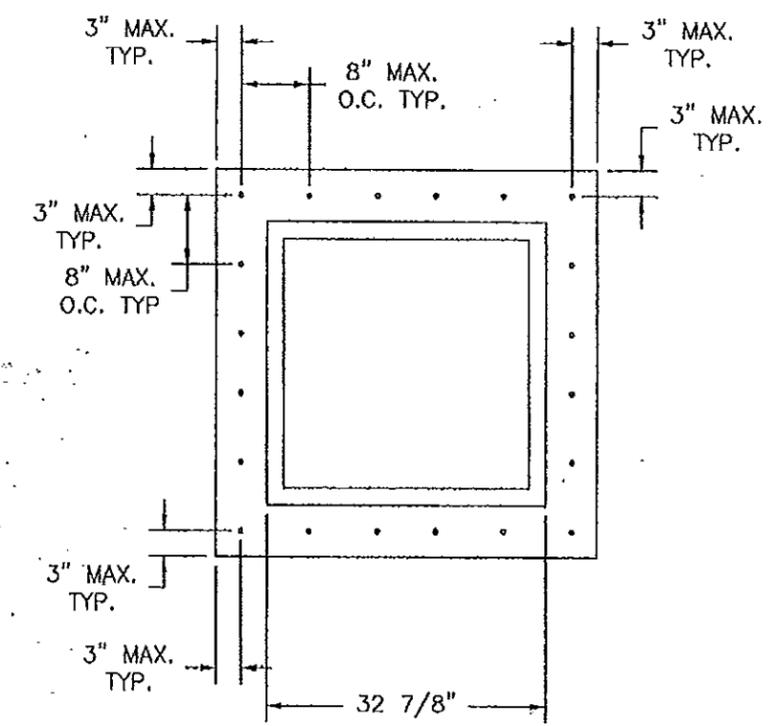
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8/19/09

Luis R. Lomas P.E.
Florida No. 62514

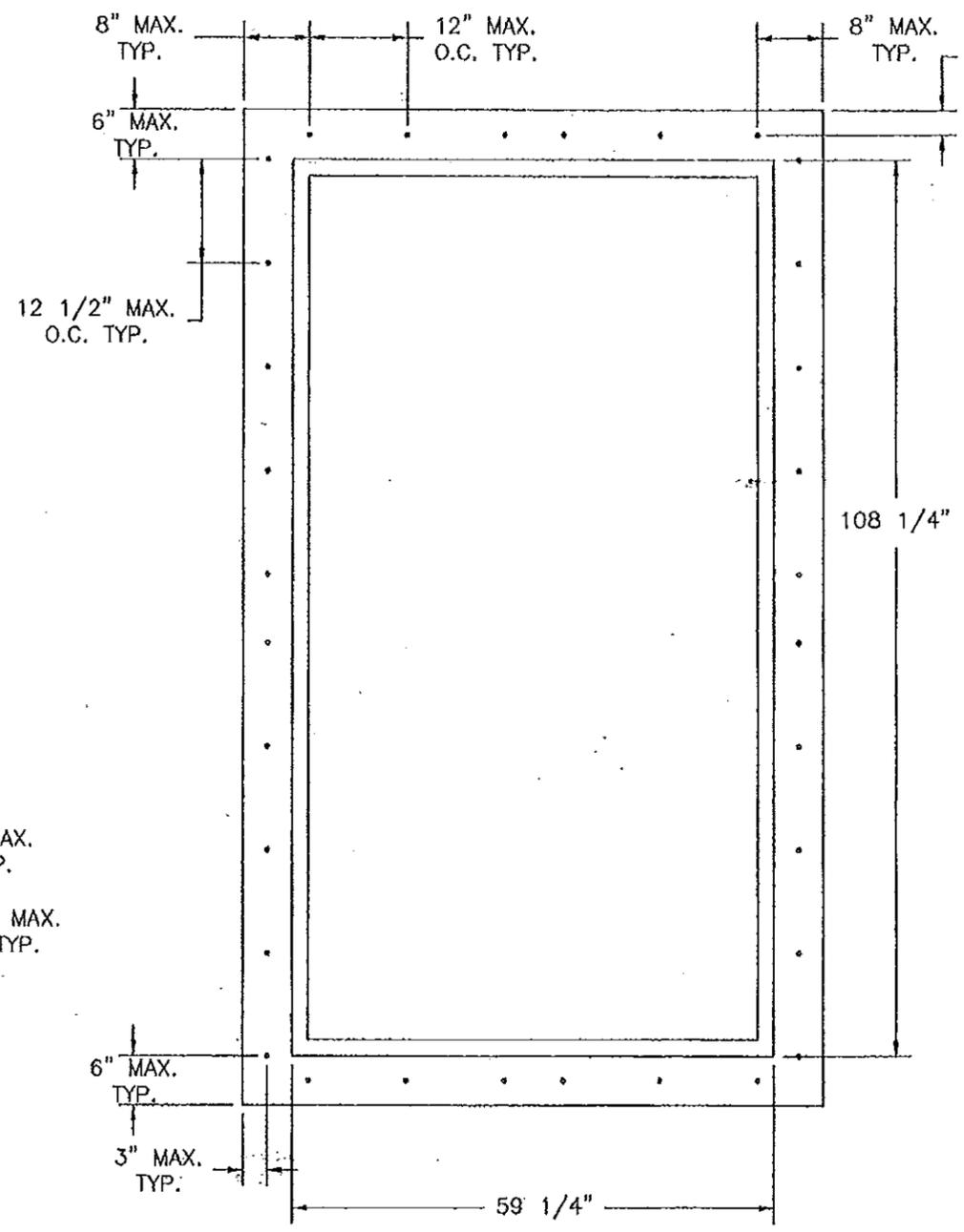
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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DC-AGV 36" x 36"
ANCHORING LAYOUT



DC-AGV 48" x 48"
ANCHORING LAYOUT



DC-AGV 96" x 144"
ANCHORING LAYOUT

NOTES:

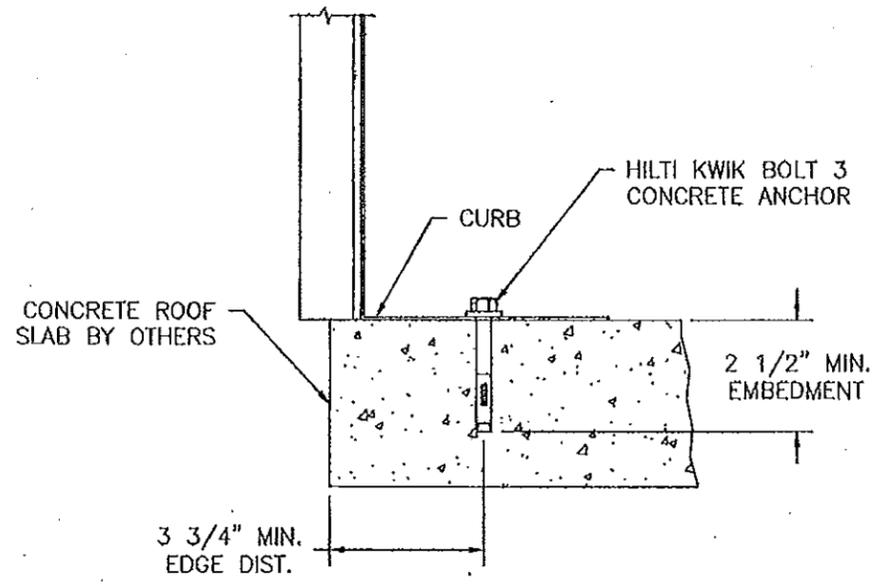
- 1) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
- 2) FOR ANCHORING INTO CONCRETE USE 3/8" HILTI KWIK BOLT 3 ANCHOR WITH SUFFICIENT LENGTH TO ACHIEVE A 2 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 3) FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE 3/8" LAG SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 4) FOR ANCHORING INTO STEEL FRAMING USE 3/8" DIAMETER SELF-TAPPING SCREW WITH SUFFICIENT LENGTH TO ACHIEVE 3-THREAD PITCH MINIMUM BEYOND THE SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 5) FOR ANCHORING INTO STEEL FRAMING USE 1/8" x 1 1/2" FILLET WELDS. LOCATE WELDS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 6) ALL FASTENERS TO BE CORROSION RESISTANT.
- 7) UNITS SMALLER THAN 48"x48" TO BE INSTALLED USING ANCHORING LAYOUT FOR 36"x36" UNIT.
- 8) UNITS SMALLER THAN 96"x144" TO BE INSTALLED USING ANCHORING LAYOUT FOR 48"x48" UNIT.

PRODUCT RENEWED
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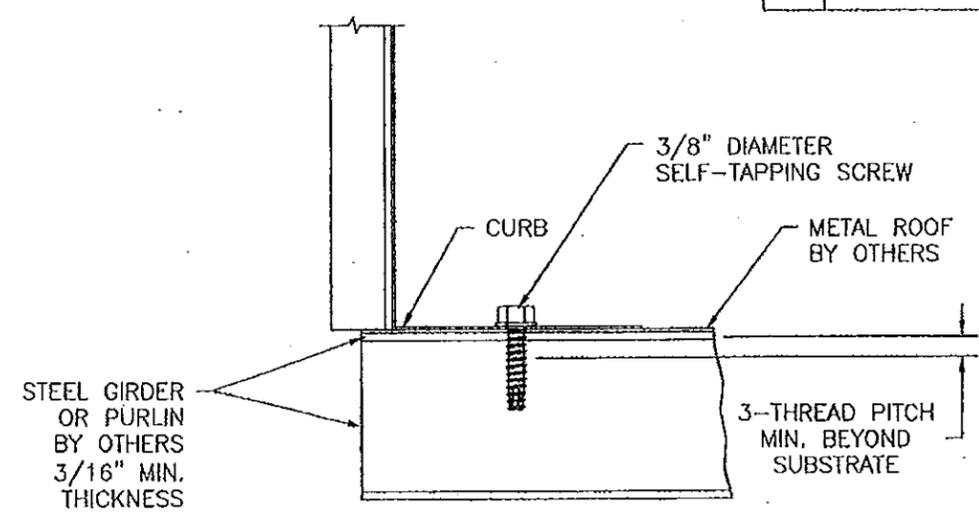
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0208.08
Expiration Date 10/07/2019
By *[Signature]*
Miami Dade Product Control

Approved as complying with the Florida Building Code Date 10/07/2009 NOA# 09-0610-11 Miami Dade Product Control Division By <i>[Signature]</i>	LEADER INDUSTRIES, INC. 2509 CRUZEN STREET NASHVILLE, TN 37211		<i>[Signature]</i> 8/26/09
	DC-AGV ALUMINUM GRAVITY VENTILATOR 48" x 48" AND 96" x 144" ANCHORING LAYOUTS		
DRAWN: TJH	DWG NO. 08-00719	REV. A	Luis R. Lomas P.E. Florida No. 62514
SCALE NTS	DATE 04/03/09	SHEET 3 OF 10	

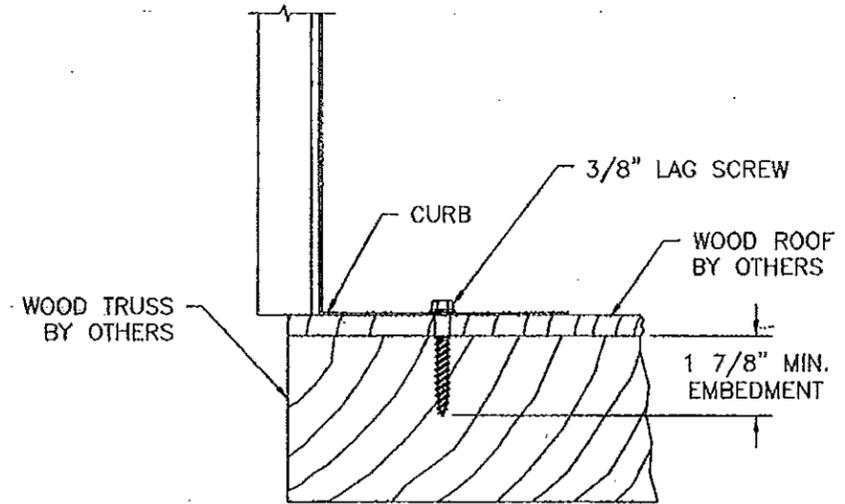
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REV	DESCRIPTION	DATE	APPROVED
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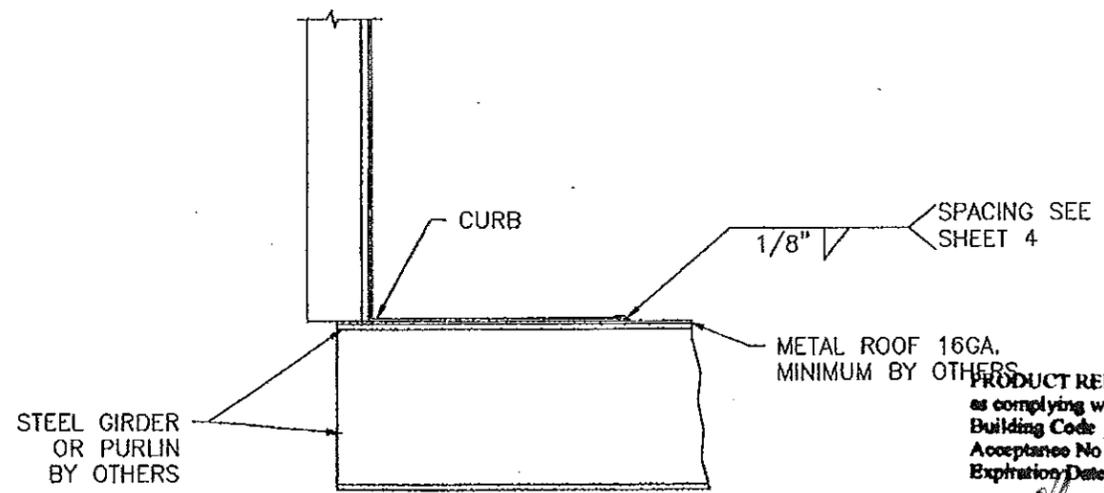
CURB TO ROOF
CONCRETE INSTALLATION



CURB TO ROOF
STEEL FRAMING INSTALLATION



CURB TO ROOF
WOOD FRAMING INSTALLATION



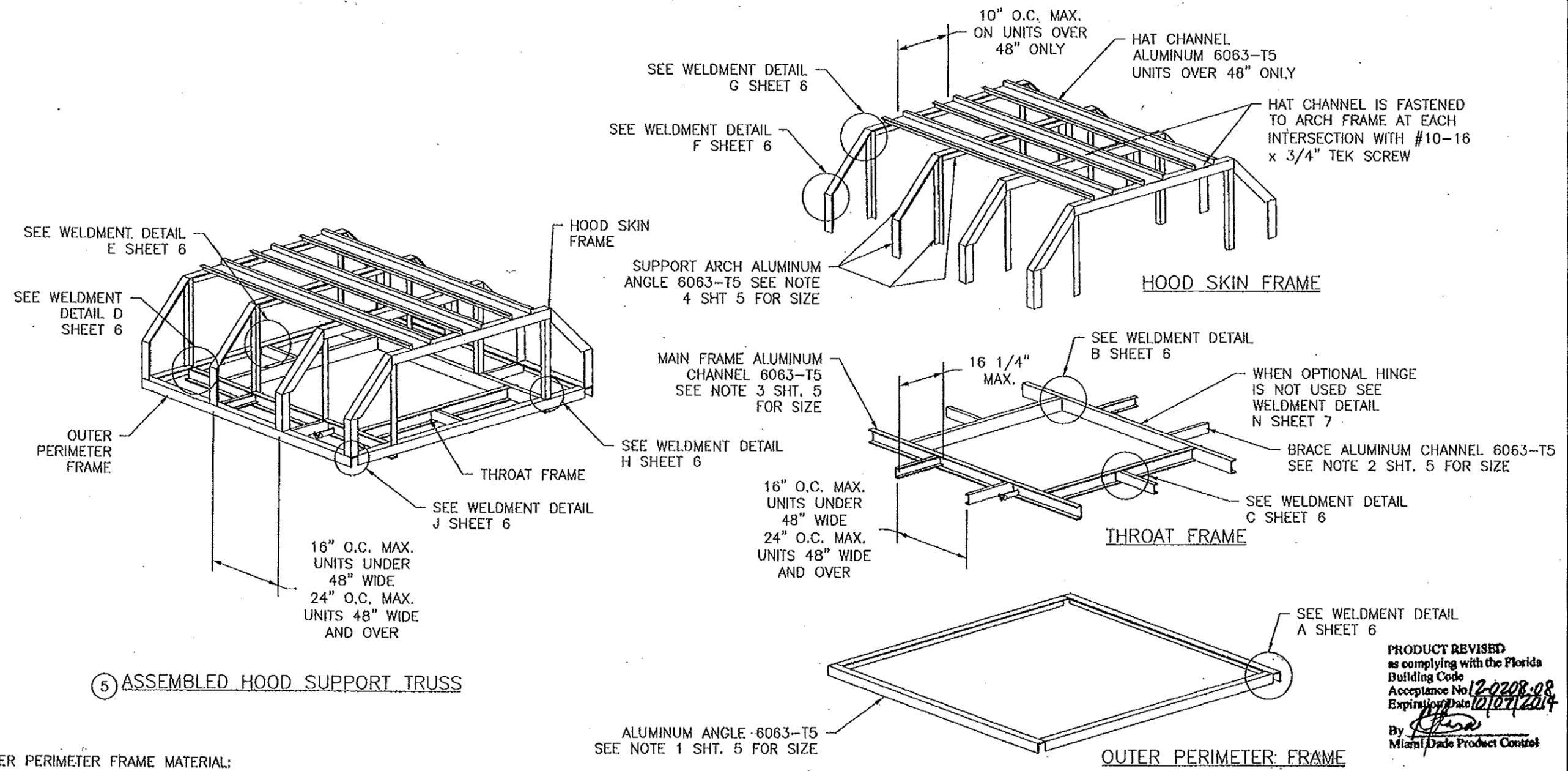
CURB TO ROOF
STEEL FRAMING INSTALLATION

PRODUCT RENEWED
as complying with the Florida
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Expiration Date 10/07/2019
By *[Signature]*
Miami Dade Product Control

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By *[Signature]*
Miami Dade Product Control

Approved as complying with the Florida Building Code Date 10/07/2009 NOAH 29-0610.11 Miami Dade Product Control Division <i>[Signature]</i> By <i>[Signature]</i>	LEADER INDUSTRIES, INC. 2509 CRUZEN STREET NASHVILLE, TN 37211		<i>[Signature]</i> 8/28/09 Luis R. Lomas P.E. Florida No. 62514
	DC- AGV ALUMINUM GRAVITY VENTILATOR 48" x 48" AND 96" x 144" INSTALLATION DETAILS		
	DRAWN: TJH	DWG NO. 08-00719	
SCALE NTS	DATE 04/03/09	SHEET 4 OF 10	

REVISIONS			
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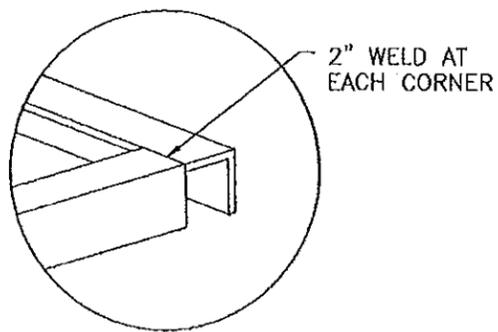
PRODUCT REVISED as complying with the Florida Building Code
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 Expiration Date 10/07/2019
 By: *[Signature]*
 Miami Dade Product Control

- NOTES:
- 1) OUTER PERIMETER FRAME MATERIAL:
 FOR UNITS UP TO 48" x 48" ALUMINUM ANGLE IS 1 1/2" x 1 1/2" x 3/16".
 FOR UNITS OVER 48" x 48" ALUMINUM ANGLE IS 2" x 2" x 3/16".
 - 2) BRACE MATERIAL:
 FOR UNITS UP TO 48" x 48" ALUMINUM CHANNEL IS 3/4" x 1 1/2" x 1/8".
 FOR UNITS OVER 48" x 48" ALUMINUM CHANNEL IS 1" x 2" x 1/8".
 - 3) MAIN FRAME MATERIAL:
 FOR UNITS UP TO 48" x 48" ALUMINUM CHANNEL IS 1" x 2" x 1/8".
 FOR UNITS OVER 48" x 48" ALUMINUM CHANNEL IS 1 3/4" x 3" x .170".
 - 4) SUPPORT ARCH MATERIAL:
 FOR UNITS UP TO 48" x 48" ALUMINUM ANGLE IS 1 1/2" x 1 1/2" x 3/16".
 FOR UNITS OVER 48" x 48" ALUMINUM ANGLE IS 2" x 2" x 3/16".

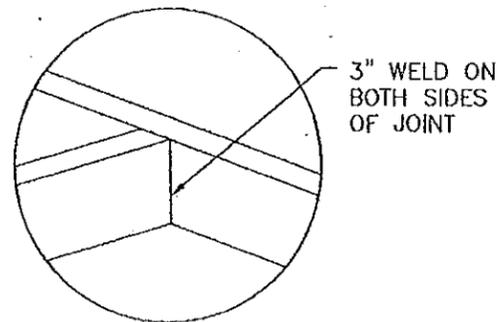
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Approved as complying with the Florida Building Code Date 10/07/2009 NOAH 09-0010-11 Miami Dade Product Control By: <i>[Signature]</i>		LEADER INDUSTRIES, INC. 2509 CRUZEN STREET NASHVILLE, TN 37211	
DC- AGV ALUMINUM GRAVITY VENTILATOR 48" x 48" AND 96" x 144" HOOD TRUSS DETAIL		<i>[Signature]</i> 8/28/09	
DRAWN: TJH	DWG NO. 08-00719	REV A	Luis R. Lomas P.E. Florida No. 62514
SCALE NTS	DATE 04/03/09	SHEET 5 OF 10	

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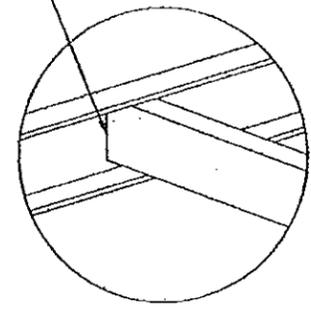


WELDMENT DETAIL A



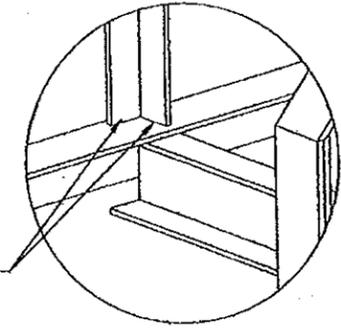
WELDMENT DETAIL B

1 7/8" WELD ON BOTH SIDES OF JOINT, EACH END OF CHANNEL

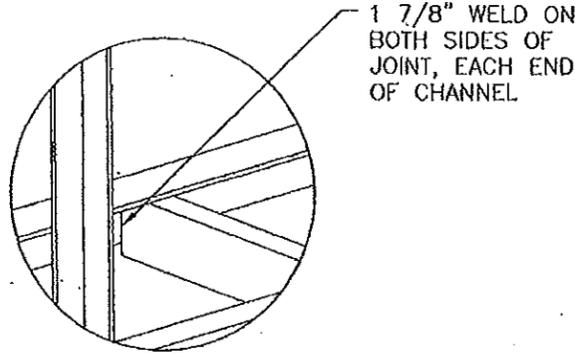


WELDMENT DETAIL C

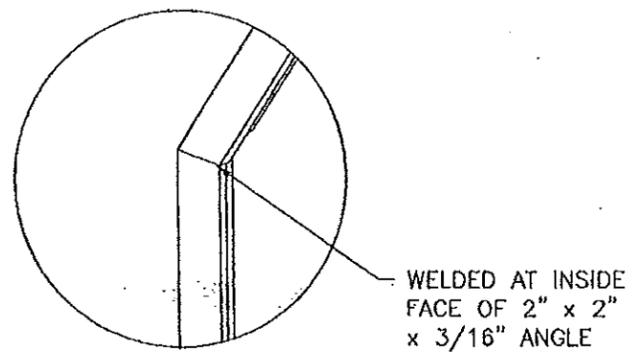
1 7/8" WELD ON INSIDE OF ANGLE AT BOTH ENDS OF VERTICAL BRACING



WELDMENT DETAIL D

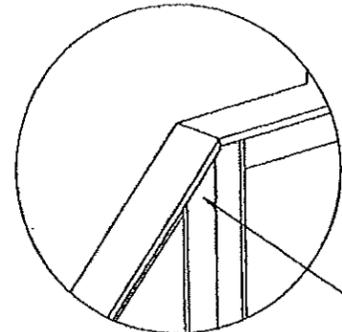


WELDMENT DETAIL E



WELDMENT DETAIL F

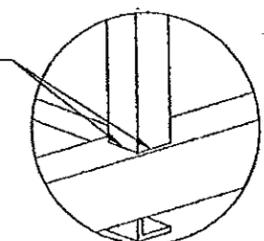
WELDED AT INSIDE FACE OF 2" x 2" x 3/16" ANGLE



WELDMENT DETAIL G

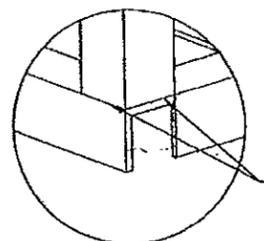
PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No H-1028.01
Expiration Date 10/07/2019
By [Signature]
Miami Dade Product Control

1 7/8" WELD ON BOTH INSIDE FACES ON BOTH ENDS OF ANGLE



WELDMENT DETAIL H

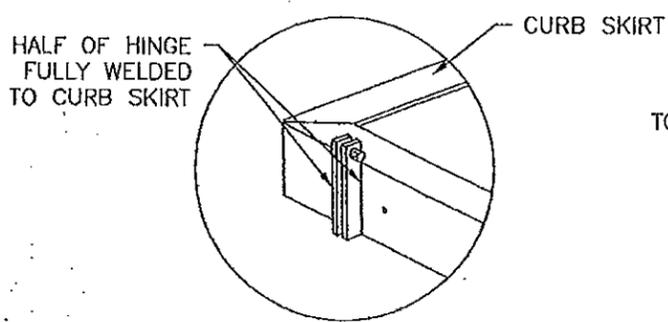
WELDED AT INSIDE FACE OF 2" x 2" x 3/16" ANGLE



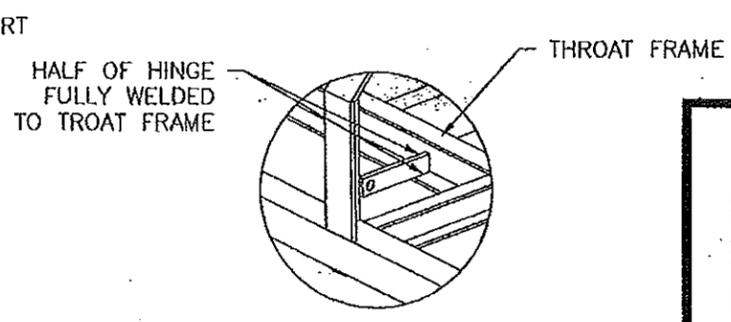
WELDMENT DETAIL J

PRODUCT REVISED as complying with the Florida Building Code
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1 7/8" WELD ON BOTH INSIDE FACES ON BOTH ENDS OF ANGLE



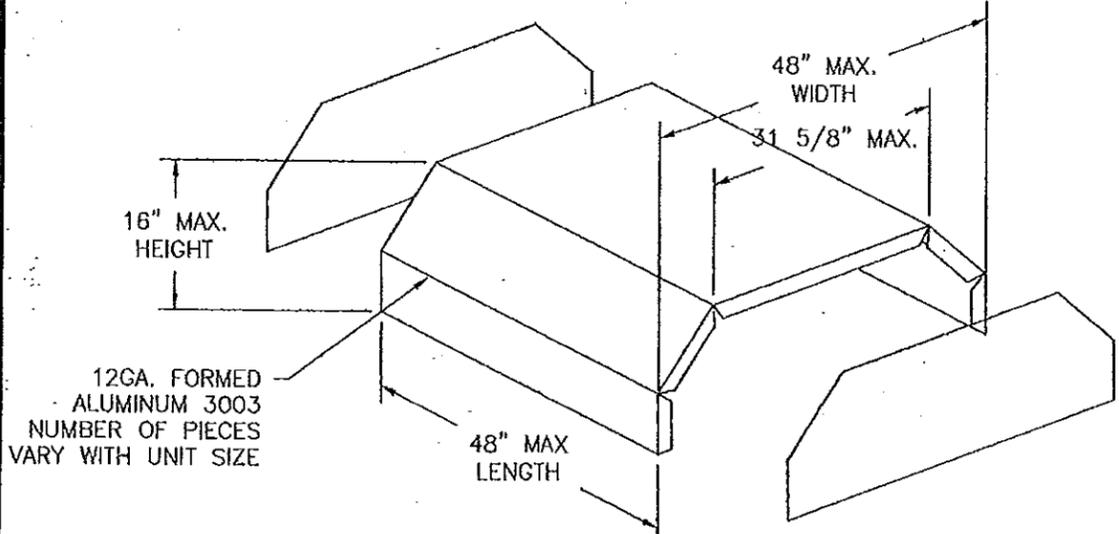
WELDMENT DETAIL K
OPTIONAL HINGE



WELDMENT DETAIL L
OPTIONAL HINGE

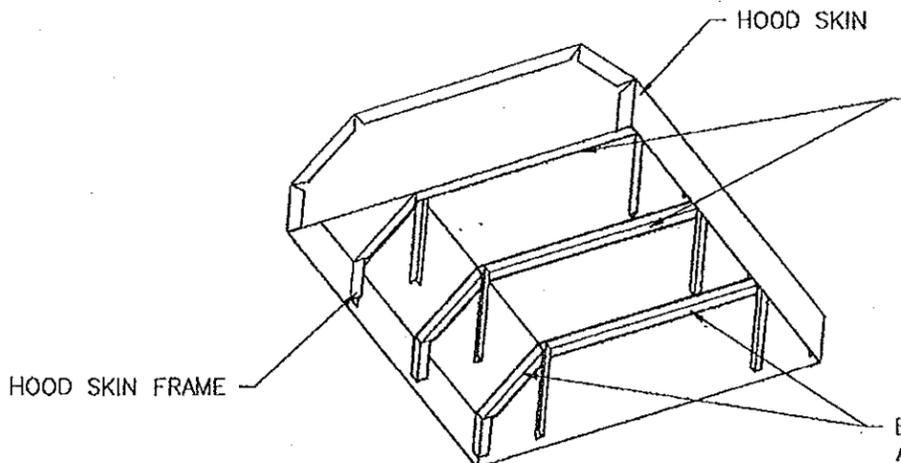
Approved as complying with the Florida Building Code Date <u>10/07/2009</u> NOAH <u>07-0510-11</u> Miami Dade Product Control Division By <u>[Signature]</u>	LEADER INDUSTRIES, INC. 2509 CRUZEN STREET NASHVILLE, TN 37211		 8/22/09
	DC-- AGV ALUMINUM GRAVITY VENTILATOR 48" x 48" AND 96" x 144" WELDMENT DETAILS		
DRAWN: TJH	DWG NO. 08-00719	REV A	Luis R. Lomas P.E. Florida No. 62514
SCALE NTS	DATE 04/03/09	SHEET 6 OF 10	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MIAMI-DADE COMMENTS	08/19/09	R.L.



12GA. FORMED ALUMINUM 3003
NUMBER OF PIECES VARY WITH UNIT SIZE

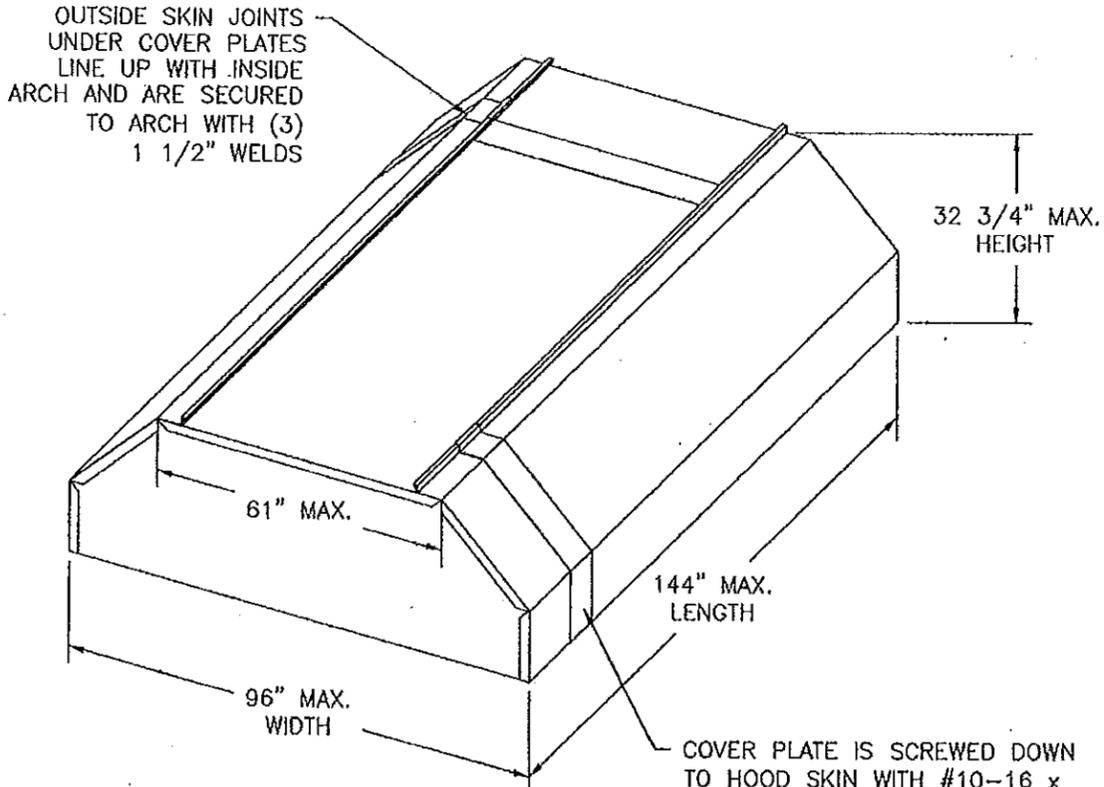
HOOD SKIN
48" x 48" UNIT 3 PIECE SKIN, FORMED 12GA. 3003 ALUMINUM



INTERIOR HOOD SKIN FRAMES ARE ATTACHED TO THE HOOD SKIN WITH (4) 1 1/2" LONG WELDS AT EACH SUPPORT

END HOOD SKIN FRAMES ARE ATTACHED TO THE HOOD SKIN WITH #12-14 x .88" TEK SCREWS AROUND PERIMETER

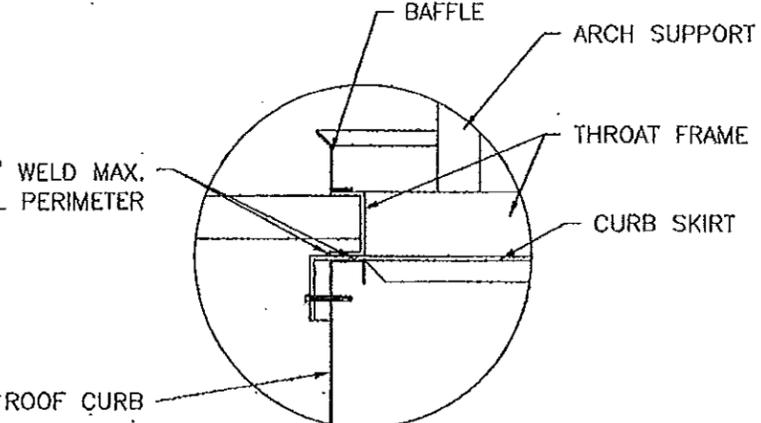
WELDMENT DETAIL M
HOOD SKIN TO HOOD SKIN FRAME



OUTSIDE SKIN JOINTS UNDER COVER PLATES LINE UP WITH INSIDE ARCH AND ARE SECURED TO ARCH WITH (3) 1 1/2" WELDS

HOOD SKIN
96" x 144" UNIT 8 PIECE SKIN WITH 3 COVER PLATES 12GA. FORMED 3003 ALUMINUM

COVER PLATE IS SCREWED DOWN TO HOOD SKIN WITH #10-16 x 3/4" TEK SCREWS WITH RUBBER WASHERS



1 1/2" WELD MAX.
16" O.C. FULL PERIMETER

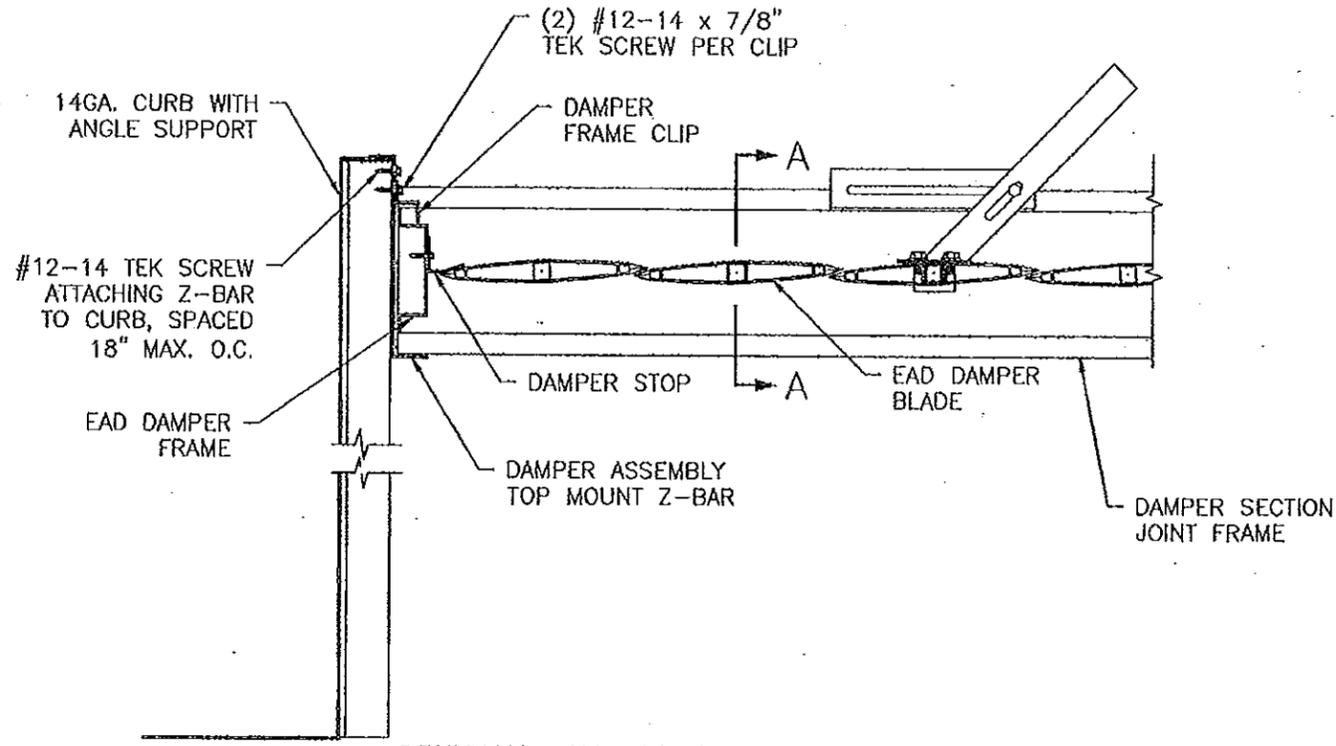
WELDMENT DETAIL N
THROAT FRAME TO CURB SHIRT WHEN OPTIONAL HINGE IS NOT USED

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No 14-1028.01
Expiration Date 10/07/2019
By *[Signature]*
Miami Dade Product Control

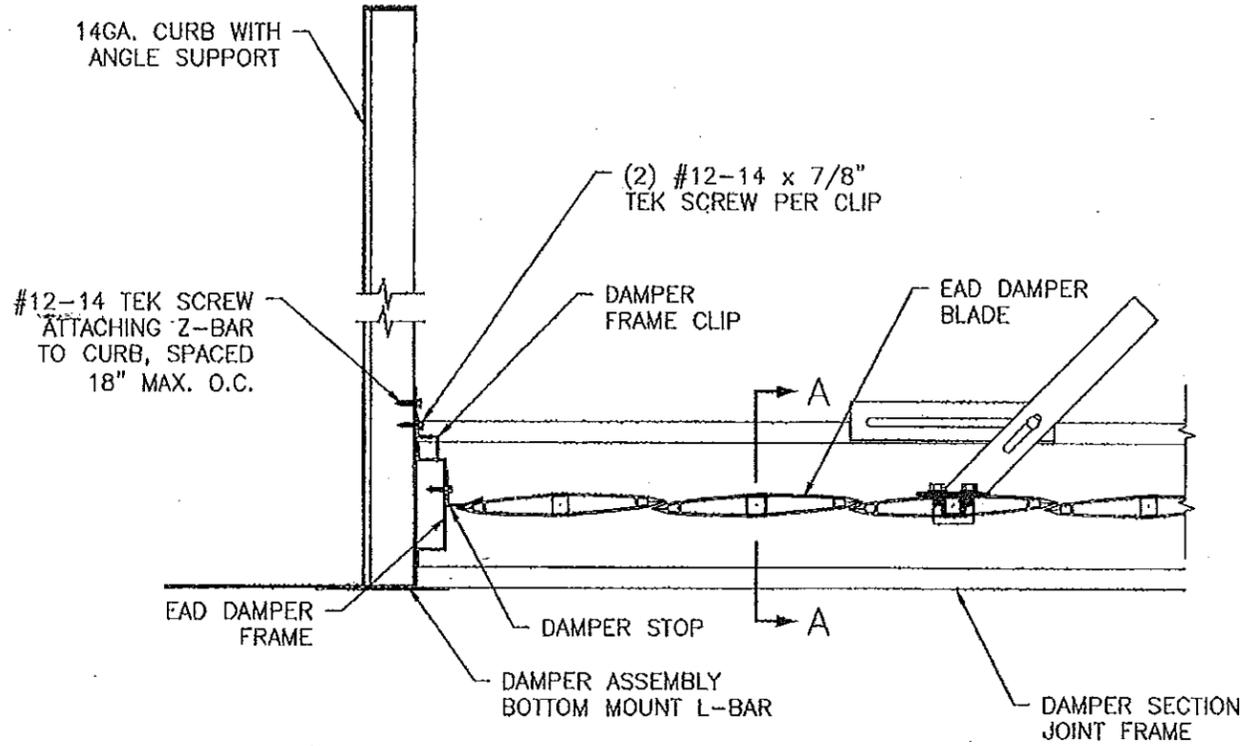
PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 12-0208.08
Expiration Date 10/07/2019
By *[Signature]*
Miami Dade Product Control

Approved as complying with the Florida Building Code Date 10/07/2009 NOAS 07-0010.11 Miami Dade Product Control Division By <i>[Signature]</i>	LEADER INDUSTRIES, INC. 2509 CRUZEN STREET NASHVILLE, TN 37211		<i>Luis R. Lomas</i> 8/26/09
	DC- AGV ALUMINUM GRAVITY VENTILATOR 48" x 48" AND 96" x 144" HOOD SKIN DETAILS		
DRAWN: TJH	DWG NO: 08-00719	REV: A	Luis R. Lomas P.E. Florida No. 62514
SCALE: NTS	DATE: 04/03/09	SHEET: 7 OF 10	

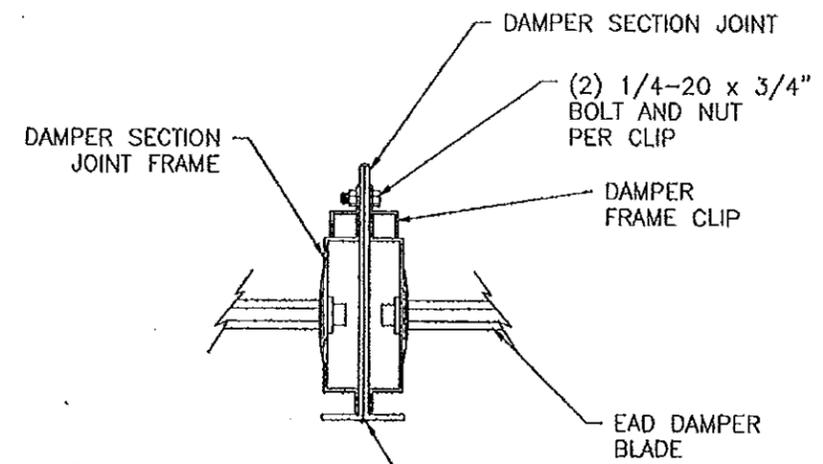
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MIAMI-DADE COMMENTS	08/19/09	R.L.



OPTIONAL EAD DAMPER MOUNTING
TOP OF CURB MOUNTING
SEE NOTE SHEET 8



OPTIONAL EAD DAMPER MOUNTING
BOTTOM OF CURB MOUNTING
SEE NOTE SHEET 8



SECTION A-A
DAMPER JOINT SECTION
SEE NOTE SHEET 8

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 12-0208.01
Expiration Date 10/07/2014
By *[Signature]*
Miami Dade Product Control

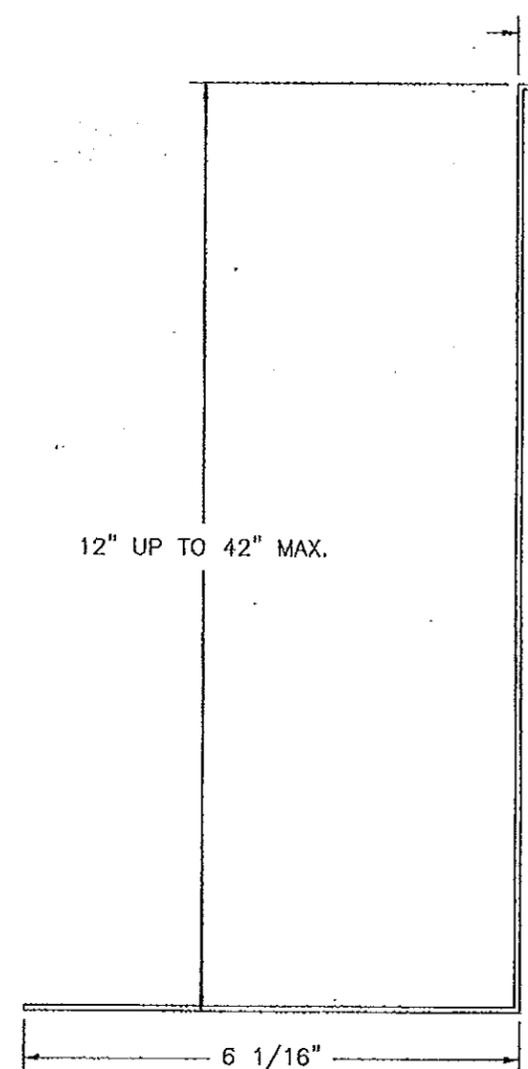
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0208.08
Expiration Date 10/07/2014
By *[Signature]*
Miami Dade Product Control

NOTE:

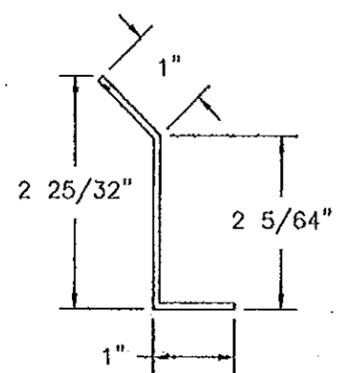
- 1) SINGLE EAD DAMPER MAXIMUM SIZE IS 34 3/4" x 56". WHEN LARGER EAD DAMPER IS REQUIRED DAMPERS MAY BE JOINED TOGETHER. SEE SECTION A-A JOINT DETAIL SHEET 8 FOR MULTIPLE DAMPER INSTALLATION.

Approved as complying with the Florida Building Code Date 10/07/2009 MOA# 03-0610-11 Miami Dade Product Control Division By <i>[Signature]</i>	LEADER INDUSTRIES, INC. 2509 CRUZEN STREET NASHVILLE, TN 37211		<i>[Signature]</i> 8/26/09
	DC- AGV ALUMINUM GRAVITY VENTILATOR 48" x 48" AND 96" x 144" OPTIONAL EAD DAMPER MOUNTING DETAILS		
DRAWN: TJH	DWG NO. 08-00719	REV A	Luis R. Lomas P.E. Florida No. 62514
SCALE NTS	DATE 04/03/09	SHEET 8 OF 10	

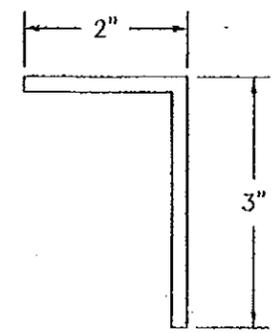
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MIAMI-DADE COMMENTS	08/19/09	R.L.



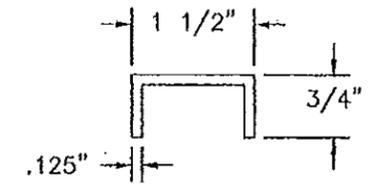
① OR ② CURB
14GA. (.074") FORMED GALVANIZED STEEL



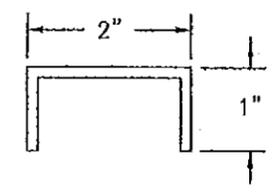
④ Baffle
ALUMINUM 3003
.081" THICK



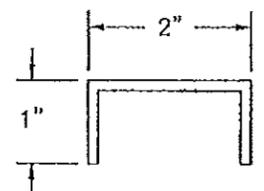
③ CURB SKIRT
ALUMINUM 6063-T5
.1875" THICK



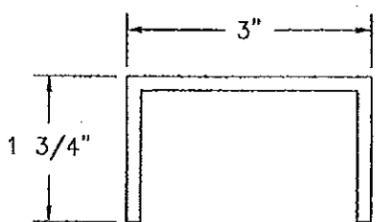
⑤ HOOD SUPPORT FRAME THROAT FRAME (BRACE)
FOR UNITS UP TO 48" x 48"
ALUMINUM 6063-T5 .125" THICK



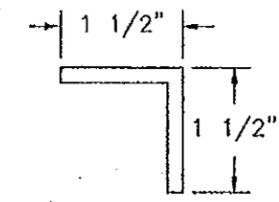
⑤ HOOD SUPPORT FRAME THROAT FRAME (BRACE)
FOR UNITS OVER 48" x 48"
ALUMINUM 6063-T5 .125" THICK



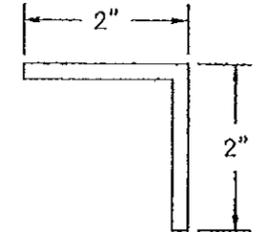
⑤ HOOD SUPPORT FRAME THROAT FRAME (MAIN FRAME)
FOR UNITS UP TO 48" x 48"
ALUMINUM 6063-T5 .125" THICK



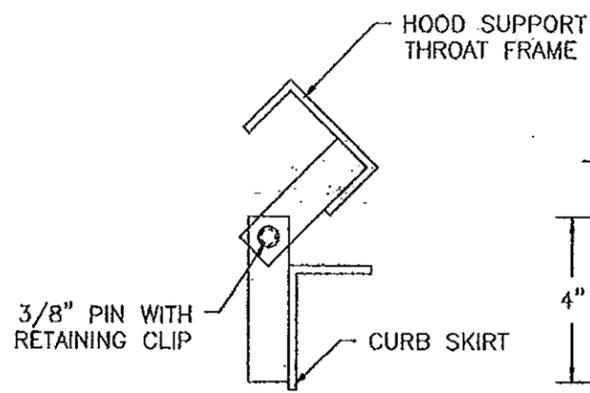
⑤ HOOD SUPPORT FRAME THROAT FRAME (MAIN FRAME)
FOR UNITS OVER 48" x 48"
ALUMINUM 6063-T5 .170" THICK



⑤ HOOD SUPPORT FRAME SUPPORT ARCH AND OUTER PERIMETER FRAME FOR UNITS UP TO 48" x 48"
ALUMINUM 6063-T5 .1875" THICK



⑤ HOOD SUPPORT FRAME SUPPORT ARCH AND OUTER PERIMETER FRAME FOR UNITS OVER 48" x 48"
ALUMINUM 6063-T5 .1875" THICK



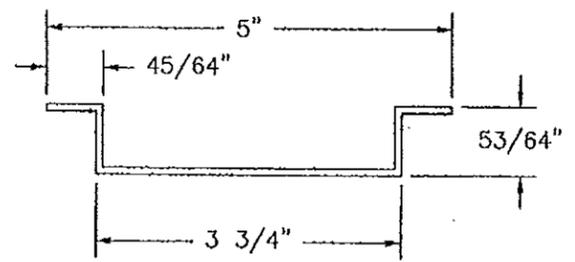
⑦ OPTIONAL 3-PIECE HINGE
ALUMINUM 6063-T5 .25" THICK

PRODUCT RENEWED
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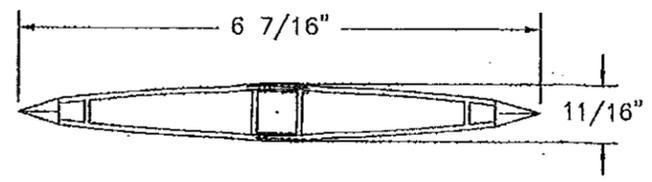
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 12-0208.08
Expiration Date 10/07/2019
By *[Signature]*
Miami Dade Product Control

Approved as complying with the Florida Building Code Date 10/07/2009 NOAS 09-0610-11 Miami Dade Product Control Division By <i>[Signature]</i>	LEADER INDUSTRIES, INC. 2509 CRUZEN STREET NASHVILLE, TN 37211		<i>[Signature]</i> 8/26/09 Luis R. Lomas P.E. Florida No. 62514
	DC- AGV ALUMINUM GRAVITY VENTILATOR 48" x 48" AND 96" x 144" COMPONENTS		
DRAWN: TJH	DWG NO. 08-00719	REV A	LUIS R. LOMAS P.E. FLORIDA NO. 62514
SCALE NTS	DATE 04/03/09	SHEET 9 OF 10	

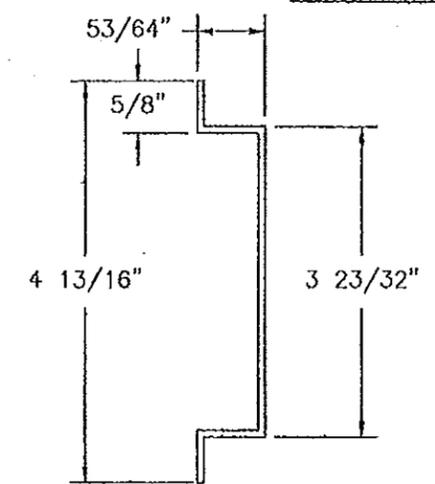
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MIAMI-DADE COMMENTS	08/19/09	R.L.



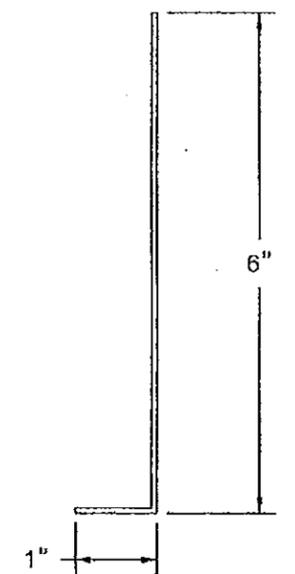
⑤ HOOD SUPPORT FRAME
HAT CHANNEL
ALUMINUM 6063-T5 .080" THICK



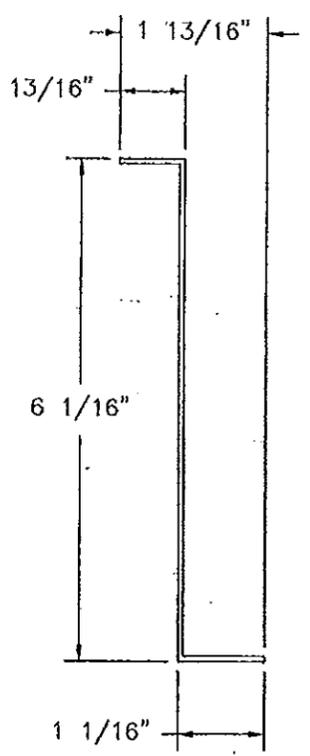
⑧ EAD DAMPER ASSEMBLY
DAMPER BLADE
ALUMINUM 6063-T5 .0625" THICK



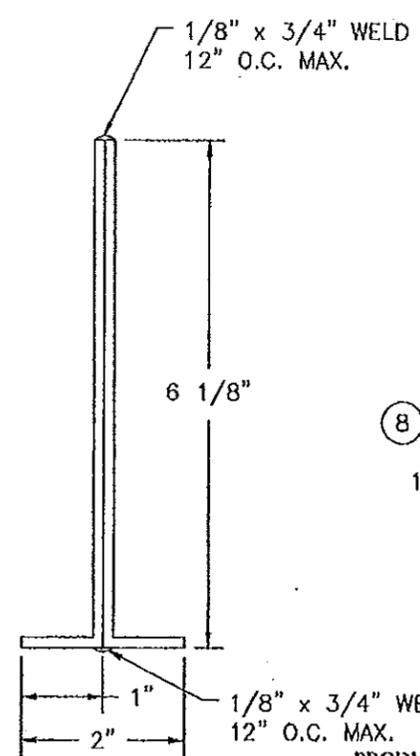
⑧ EAD DAMPER ASSEMBLY
DAMPER SECTION JOINT FRAME
ALUMINUM 6063-T5 .08" THICK



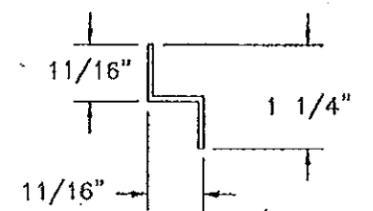
⑧ EAD DAMPER ASSEMBLY
DAMPER FRAME MOUNTING L-BAR
16GA. (.0625") GALVANIZED STEEL



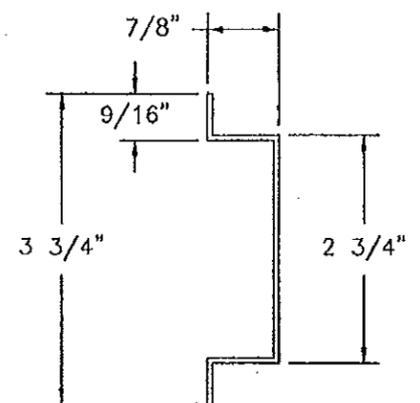
⑧ EAD DAMPER ASSEMBLY
DAMPER FRAME MOUNTING Z-BAR
16GA. (.0625") GALVANIZED STEEL



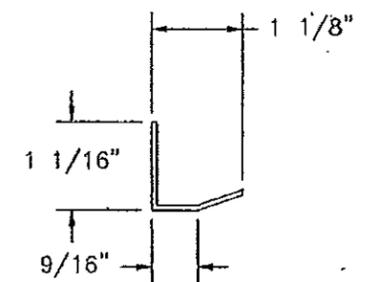
⑧ EAD DAMPER ASSEMBLY
DAMPER SECTION JOINT
10GA. (.125") GALVANIZED STEEL



⑧ EAD DAMPER ASSEMBLY
DAMPER FRAME CLIP 4" LONG
16GA. (.0625") GALVANIZED STEEL



⑧ EAD DAMPER ASSEMBLY
DAMPER FRAME
ALUMINUM 6063-T5 .0625" THICK



⑧ EAD DAMPER ASSEMBLY
DAMPER BLADE STOP
ALUMINUM 6063-T5 .0625" THICK

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By [Signature]
Miami Dade Product Control

Approved as complying with the Florida Building Code Date <u>10/07/2009</u> NOA# <u>07-0610.11</u> Miami Dade Product Control Division <u>[Signature]</u> By <u>[Signature]</u>	LEADER INDUSTRIES, INC. 2509 CRUZEN STREET NASHVILLE, TN 37211		 8/26/09 Luis R. Lomas P.E. Florida No. 62514
	DC-- AGV ALUMINUM GRAVITY VENTILATOR 48" x 48" AND 96" x 144" COMPONENTS		
	DRAWN: TJH	DWG NO. 08-00719	
SCALE NTS	DATE 04/03/09	SHEET 10 OF 10	