



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION  
NOTICE OF ACCEPTANCE (NOA)**

**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/pera/](http://www.miamidade.gov/pera/)

**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 PERA-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. PERA 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-PHB 4" Aluminum Penthouse Louver**

**APPROVAL DOCUMENT:** Drawing No. **FL 00182**, titled "DC-PHB Aluminum Louvered Penthouse", sheets 1 through 5 of 5, dated 07/02/2007, with revision A dated 01/24/2012, prepared by the manufacturer, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control revision 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 revises **NOA # 07-1010.12** 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]*  
04/24/2012

**NOA No. 12-0208.06**  
**Expiration Date: December 13, 2012**  
**Approval Date: May 3, 2012**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **FL 00182**, titled "DC-PHB Aluminum Louvered Penthouse", sheets 1 through 5 of 5, dated 07/02/2007, with revision A dated 01/24/2012, prepared by the manufacturer, signed and sealed by Luis R. Lomas, P.E.

**B. TESTS "Submitted under NOA # 07-1010.12"**

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
of DC-PHB Fixed Aluminum Louvered Penthouse, prepared by National Certified Testing Laboratories, Test Report No. **210-3368-1**, dated 12/18/2006, signed and sealed by Gerard J. Ferrara, P.E.

**C. CALCULATIONS "Submitted under NOA # 07-1010.12"**

1. Anchor, welding and up-lift calculations, dated 07/08/2007, prepared, signed and sealed by Luis R. Lomas, P.E.

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance to 2010 FBC and no financial interest, dated 01/24/2012, issued, signed and sealed by Luis R. Lomas, P.E.



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Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 12-0208.06  
Expiration Date: December 13, 2012  
Approval Date: May 3, 2012

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED NOTE 1	01/24/12	R.L.

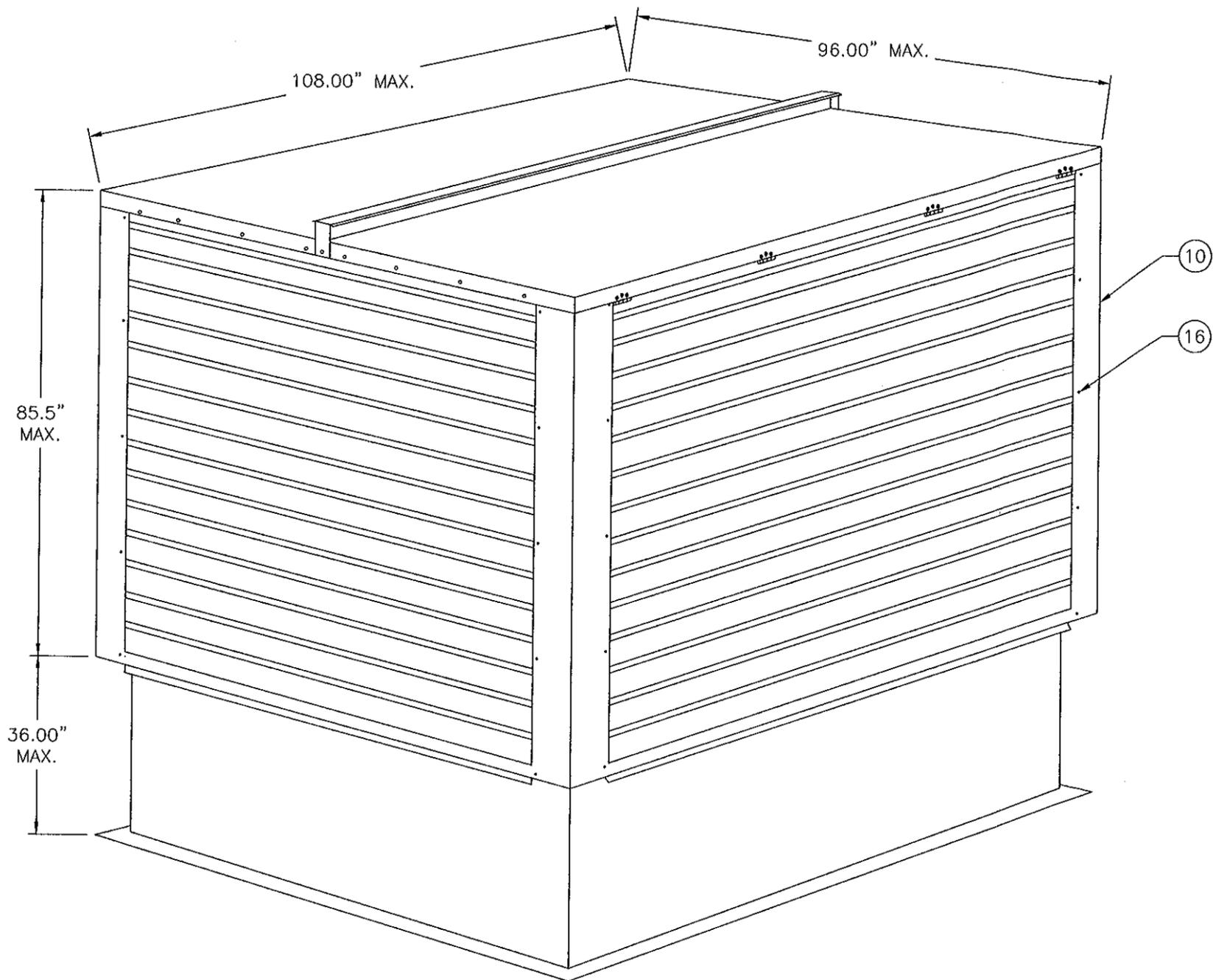
NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT 2010 FLORIDA BUILDING CODE, INCLUDING THE HVHZ.
- 2) PENTHOUSE STRUCTURE TO BE ANCHORED TO PROPERLY TRANSFER ALL LOADS TO ROOF STRUCTURE. ROOF STRUCTURAL INTEGRITY IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3) CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ROOF AND ROOF DECKING STRUCTURAL INTEGRITY.
- 4) ALL EXTRUSIONS ARE 6063-T5 ALUMINUM ALLOY, UNLESS OTHERWISE NOTED.
- 5) ALL FASTENERS, NUTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60KSI.
- 6) PENTHOUSE IS TO BE INSTALLED IN A LOCATION WHERE ROOM INSIDE PENTHOUSE IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM AND THE ROOM WILL HOUSE WATER RESISTANT/WATER PROOFING EQUIPMENT, COMPONENTS OR SUPPLIES.

ANCHORING NOTES:

- 1) FOR CONCRETE DECKING INSTALLATION USE 1/4" TAPCON WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS PER ANCHOR LAYOUT. CONCRETE TO BE 3,200 PSI MINIMUM.
- 2) FOR WOOD FRAMING OR METAL FRAMING DECKING INSTALLATION USE 5/16" LAG BOLTS WITH SUFFICIENT LENGTH TO ACHIEVE A 3" MINIMUM EMBEDMENT. LOCATE ANCHORS PER ANCHOR LAYOUT. WOOD FRAMING TO BE .42G MINIMUM. METAL FRAMING TO BE 20GA MIN. WITH WOOD BACKER.
- 3) FOR STEEL GIRDER OR PURLIN ON METAL DECKING INSTALLATION USE #14 TEK SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A MINIMUM PENETRATION OF 3 PITCH OF THREAD BEYOND METAL STRUCTURE. LOCATE ANCHORS PER ANCHOR LAYOUT. GIRDER OR PURLINS TO BE 1/8" THICK MINIMUM OR ATTACH PENTHOUSE TO METAL DECKING USING 1/8" FILLET WELD 2 1/4" LONG. LOCATE WELDS PER ANCHOR LAYOUT.
- 4) LOCATE ITEM 18, 4" FROM EACH CORNER AND 12" MAX. O.C. THEREAFTER.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION AND GENERAL NOTES
2, 3	INSTALLATION DETAILS
4	CROSS SECTIONS AND B.O.M.
5	COMPONENTS



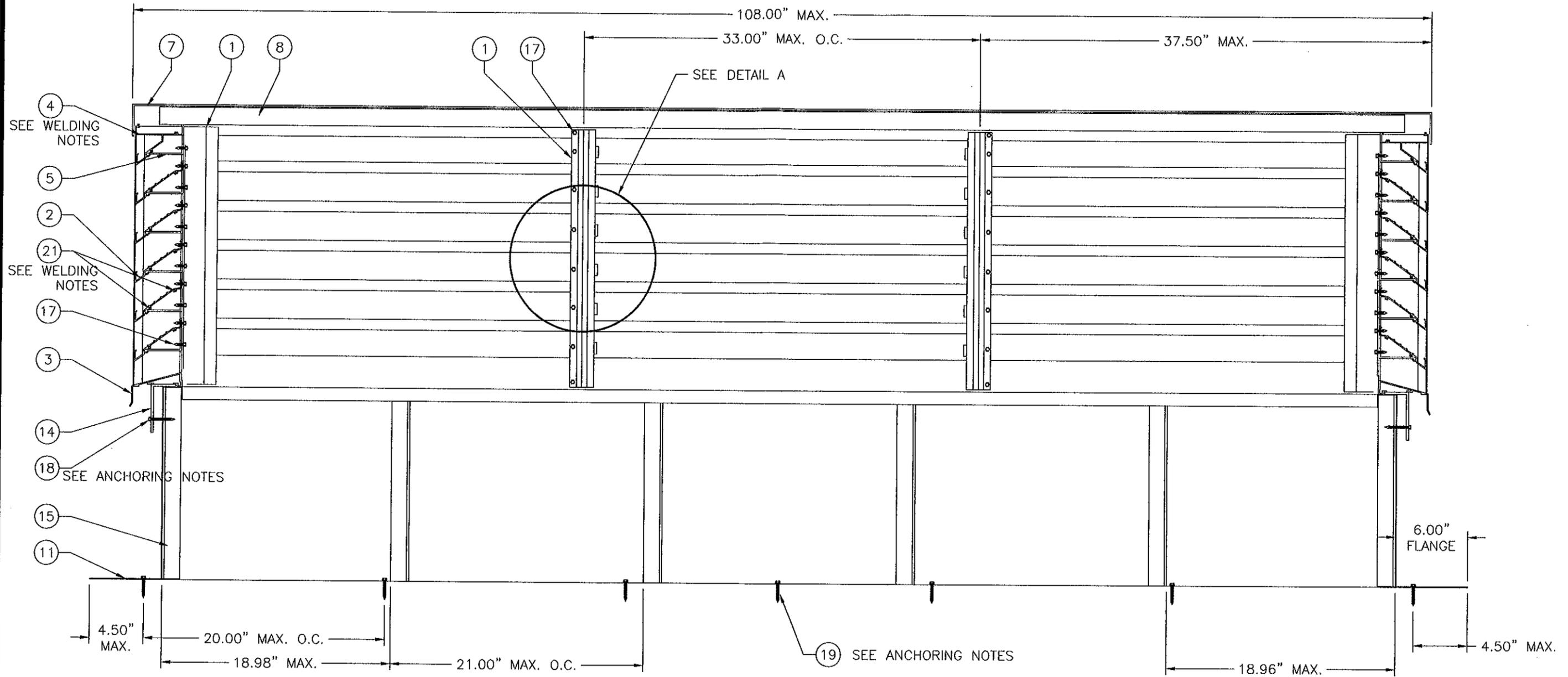
**DC-PHB ALUMINUM LOUVERED  
PENTHOUSE**

**DESIGN PRESSURE RATING  
±85.0 PSF**

**LARGE MISSILE IMPACT**

<b>PRODUCT REVISED</b> as complying with the Florida Building Code Acceptance No <i>12-0208.06</i> Expiration Date <i>12/13/2012</i> By <i>[Signature]</i> Miami Dade Product Control		<b>LEADER INDUSTRIES, INC.</b> 2500 CRUZEN STREET NASHVILLE, TN 37204		<i>[Signature]</i> 01/23/2012 Luis R. Lomas P.E. Florida No. 62514
DC-PHB ALUMINUM LOUVERED PENTHOUSE ELEVATION AND NOTES		DRAWN: R.L.	DWG NO. FL 00182	
SCALE NTS	DATE 7/02/07	SHEET 1 OF 5		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED NOTE 1	01/24/12	R.L.



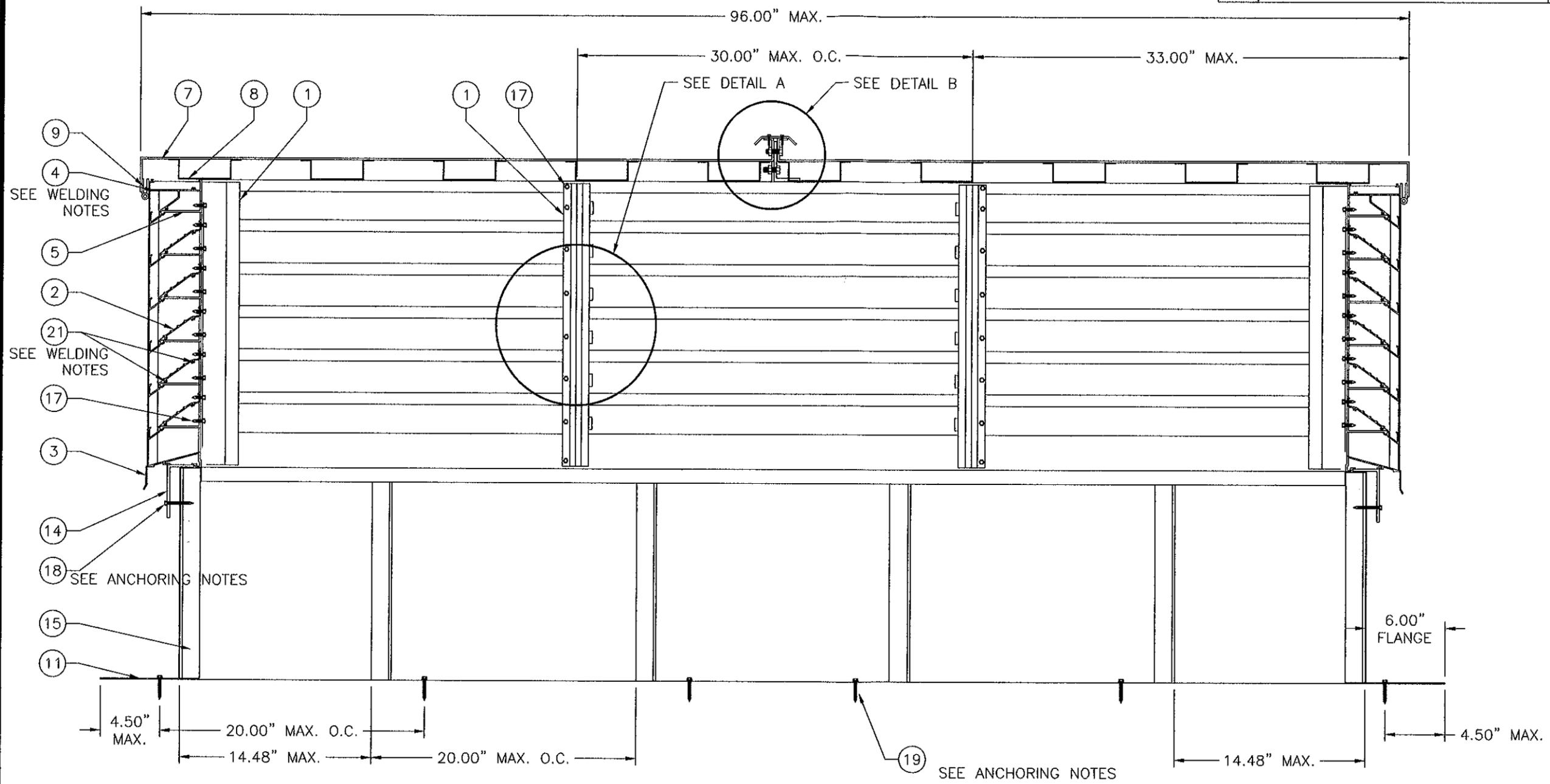
**DC-PHB LONG SIDE CROSS SECTION**

**WELDING NOTES:**

- 1) ATTACH BLADES TO JAMBS USING ITEM 21 BEFORE WELDING BLADES TO JAMBS. WELD BLADES TO JAMBS WITH 3/16" WELDS. SEE DETAIL B.
- 2) WELD HEAD FRAME TO JAMBS AT EACH END.
- 3) WELD ITEM 13 WITH 1 1/2" LONG WELDS ON BOTH SIDES.
- 4) LOCATE ITEM 18, 4" FROM EACH CORNER AND 12" MAX. O.C. THEREAFTER.

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	DC-PHB ALUMINUM LOUVERED PENTHOUSE CROSS SECTION AND INSTALLATION DETAILS		
	DRAWN: R.L.	DWG NO. FL 00182	
SCALE NTS	DATE 7/02/07	SHEET 2 OF 5	

REVISIONS			
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A	REVISED NOTE 1	01/24/12	R.L.

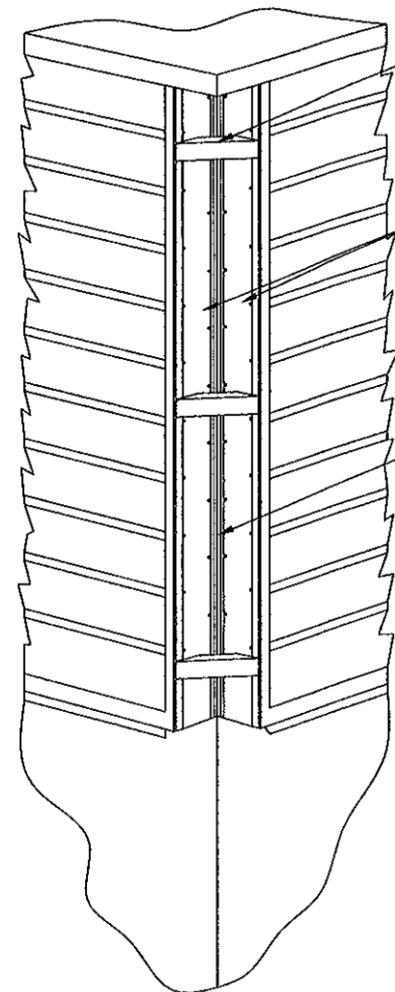


**DC-PHB SHORT SIDE CROSS SECTION**

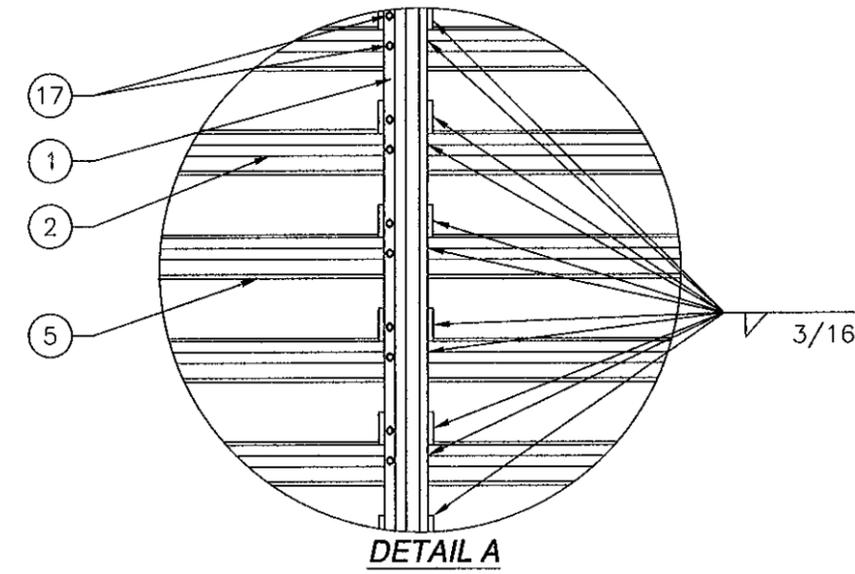
<b>PRODUCT REVISED</b> as complying with the Florida Building Code Acceptance No <i>12-0208-06</i> Expiration Date <i>12/13/2012</i> By <i>[Signature]</i> Miami Dade Product Control	<b>LEADER INDUSTRIES, INC.</b> 2500 CRUZEN STREET NASHVILLE, TN 37204		<i>[Signature]</i> 01/23/2012 Luis R. Lomas P.E. Florida No. 62514	
	DC-PHB ALUMINUM LOUVERED PENTHOUSE CROSS SECTION AND INSTALLATION DETAILS			
	DRAWN: R.L.	DWG NO. FL 00182		REV A
	SCALE NTS	DATE 7/02/07		SHEET 3 OF 5

PARTS LIST		
NO.	PART NUMBER	DESCRIPTION
1		VERTICAL BLADE SUPPORT, AL 6063-T5
2		BLADE , AL 6063-T5
3		SILL FLANGE, AL 6063-T5
4		HEAD, AL 6063-T5
5		BLADE SUPPORT, AL 6063-T5
6		RAIN COVER
7		ROOF FORMED, 12 GA (.081) AL 3003-H14
8		HAT 14 GA, AL 3003-H14
9		HINGE 3 X 3
10		CORNER COVER FORMED, 1/16" AL 3003-H14
11		CURB, 14 GA GALVANIZED STEEL
12		2 X 3 X 3/16 ANGLE, AL 6063-T5
13		2 X 2 X 3/16 ANGLE, AL 6063-T5
14		2 X 4 X 1/4 ANGLE, AL 6063-T5
15		1 1/2 X 1 1/2 X 3/16 ANGLE, STEEL
16		#8 X 1/2 TEK SCREW
17		#12 X 7/8 TEK SCREW
18		#14 X 2 TEK SCREW
19		1/4" TAPCON
20		5/16-18 X 1" HH BOLT AND NUT SST
21		#8 X 3/4 TEK SCREW
22		1/2-13 X 1" HH BOLT AND NUT SST
23		JAMB

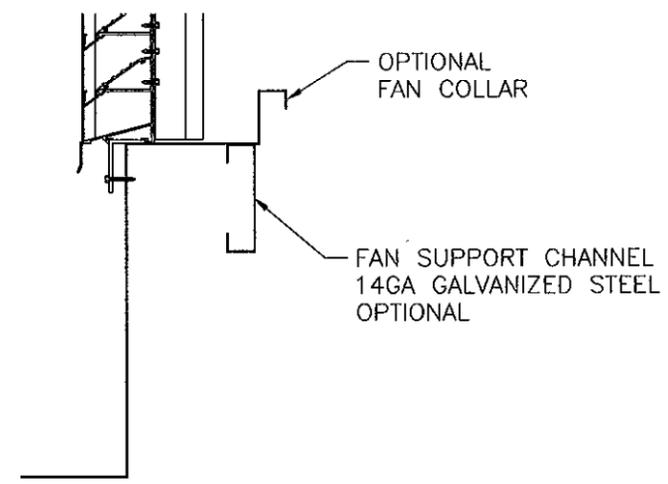
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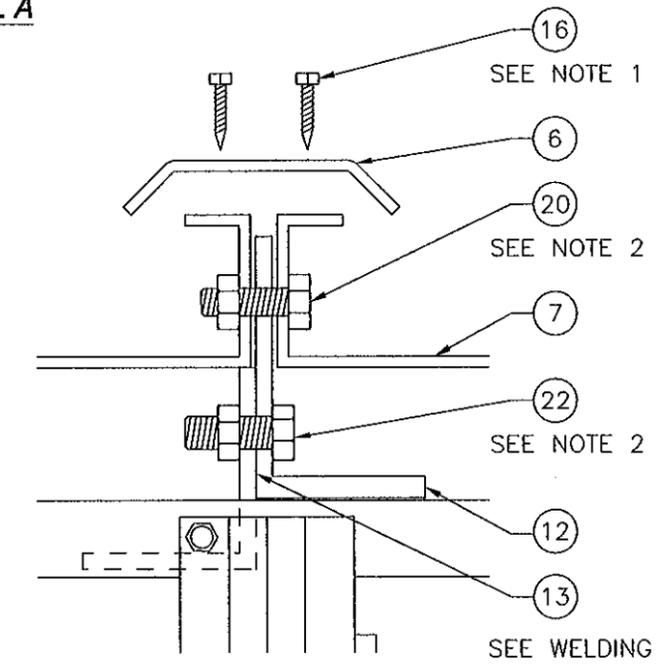
**CORNER DETAIL**



**DETAIL A**



**FAN COLLAR AND SUPPORT DETAIL  
OPTIONAL**



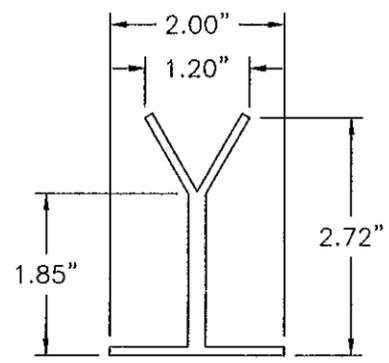
**DETAIL B  
ROOF INSTALLATION**

**NOTES:**

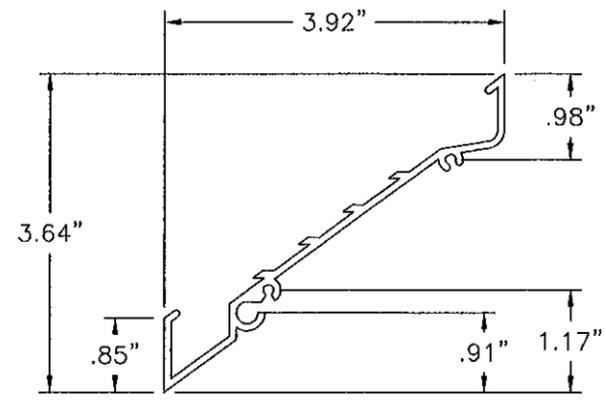
- 1) INSTALL TWO (2) ITEM 16 AT EACH END OF RAIN COVER.
- 2) LOCATE BOLT, ITEM 20 AND 22, 6" FROM EACH END AND 12" MAX. O.C. THEREAFTER.
- 3) LOCATE ANGLE, ITEM 13, 6" FROM EACH END AND 36" MAX. O.C. THEREAFTER. ANGLE TO BE WELDED TO CORNER ON FACE.
- 4) CORNERS TO BE WELDED WITH 2" WELDS, 6" FROM EACH END AND 24" MAX. O.C. THEREAFTER.

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	DC-PHB ALUMINUM LOUVERED PENTHOUSE CROSS SECTIONS AND B.O.M.		
DRAWN: R.L.	DWG NO. FL 00182	REV A	SCALE NTS    DATE 7/02/07    SHEET 4 OF 5

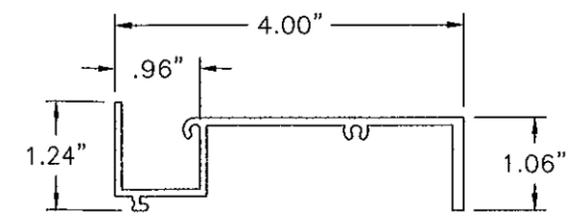
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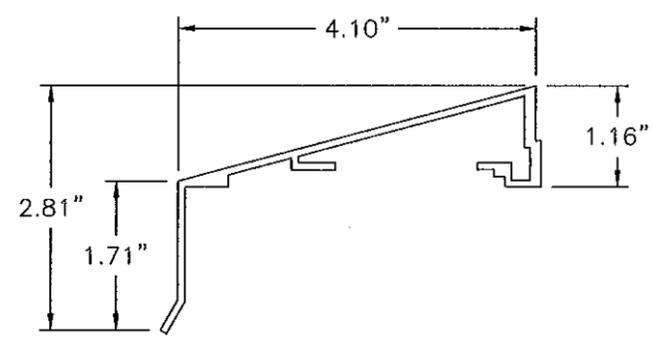
① **VERTICAL BLADE SUPPORT**  
ALUMINUM 6063-T5  
.200" THICK



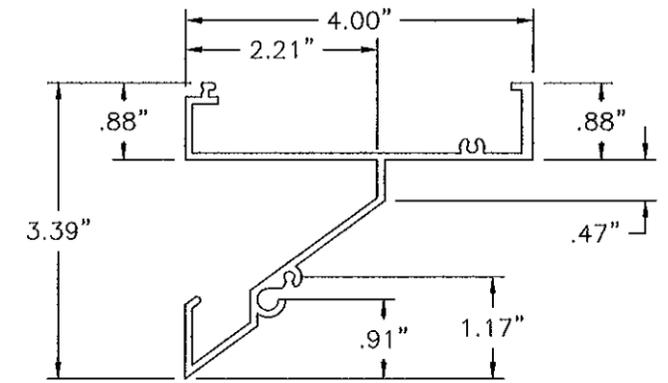
② **BLADE**  
ALUMINUM 6063-T5  
.080" THICK



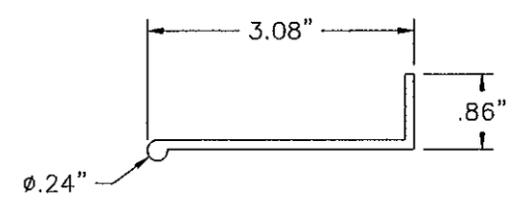
③ **JAMB**  
ALUMINUM 6063-T5  
.090" THICK



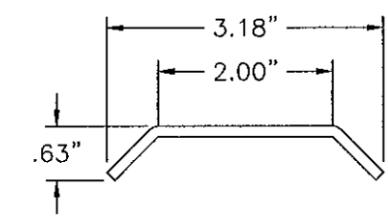
④ **SILL, FLANGE**  
ALUMINUM 6063-T5  
.080" THICK



⑤ **HEAD**  
ALUMINUM 6063-T5  
.080" THICK



⑥ **BLADE SUPPORT**  
ALUMINUM 6063-T5  
.100" THICK



⑦ **RAIN COVER**  
ALUMINUM 3003-H14  
.080" THICK

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Miami Dade Product Control

LEADER INDUSTRIES, INC.  
2500 CRUZEN STREET  
NASHVILLE, TN 37204

DC-PHB ALUMINUM LOUVERED PENTHOUSE  
COMPONENTS

DRAWN: R.L. DWG NO. FL 00182 REV A

SCALE NTS DATE 7/02/07 SHEET 5 OF 5

*[Signature]*  
01/23/2012  
Luis R. Lomas P.E.  
Florida No. 62514