



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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buldingcode

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 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: DC-PHB 4" Louver Penthouse

APPROVAL DOCUMENT: Drawing No. **FL 00182**, titled "DC-PHB Aluminum Louvered Penthouse", sheets 1 through 5 of 5, dated 07/02/07, with no revision, prepared, signed and sealed by Luis R. Lomas, P.E., bearing 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.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Signature
11/19/07

NOA No 07-1010.12
Expiration Date: December 13, 2012
Approval Date: December 13, 2007
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 07/02/07, with no revision, prepared, signed and sealed by Luis R. Lomas, P.E.

B. TESTS

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 12/18/06, signed and sealed by Gerard J. Ferrara, P.E.

C. CALCULATIONS

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

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

F. STATEMENTS

1. Statement letter of code conformance and no financial interest, dated 09/19/07, issued, signed and sealed by Luis R. Lomas, P.E.

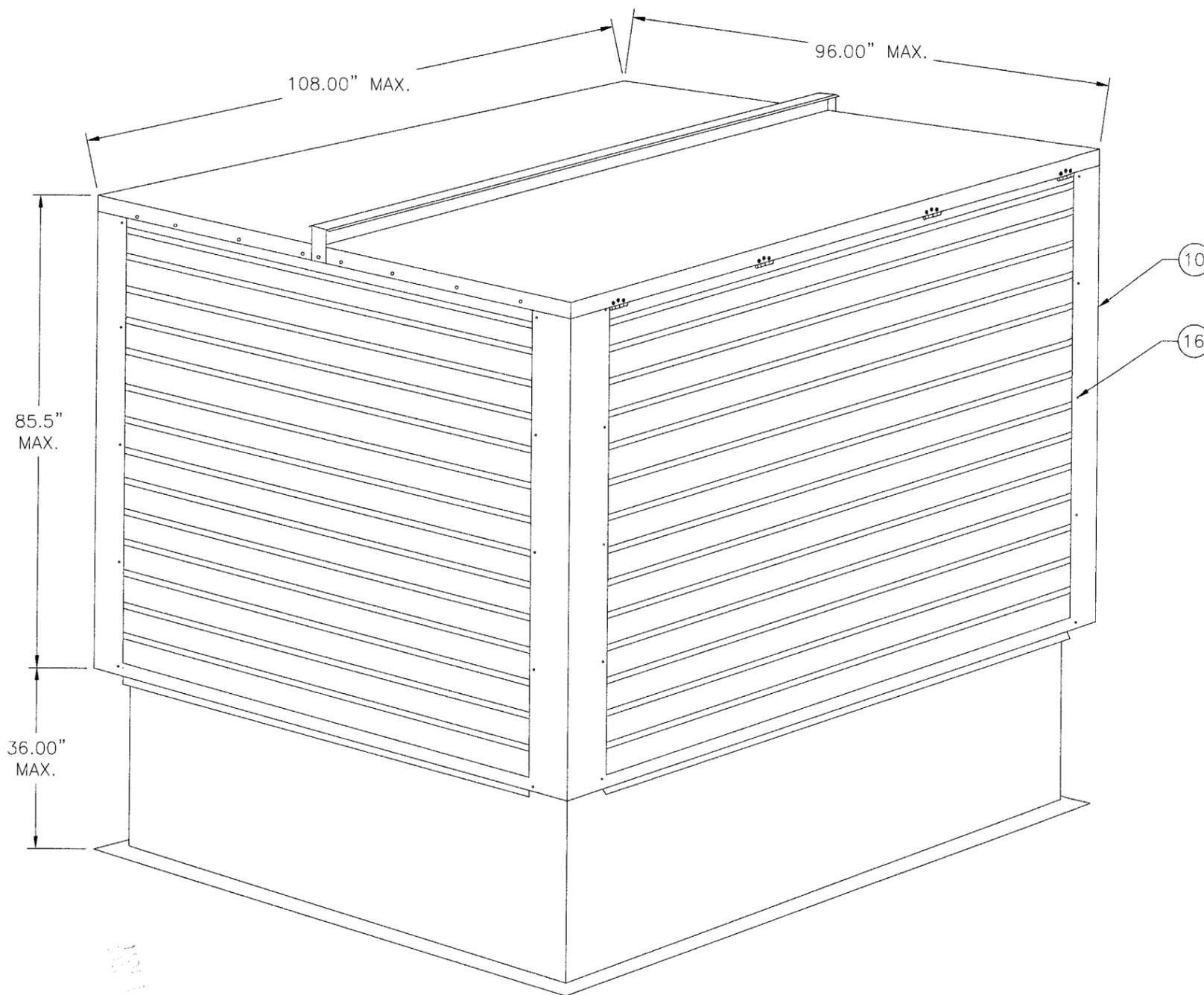


11/17/07

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 07-1010.12

Expiration Date: December 13, 2012
Approval Date: December 13, 2007

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT 2004 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**

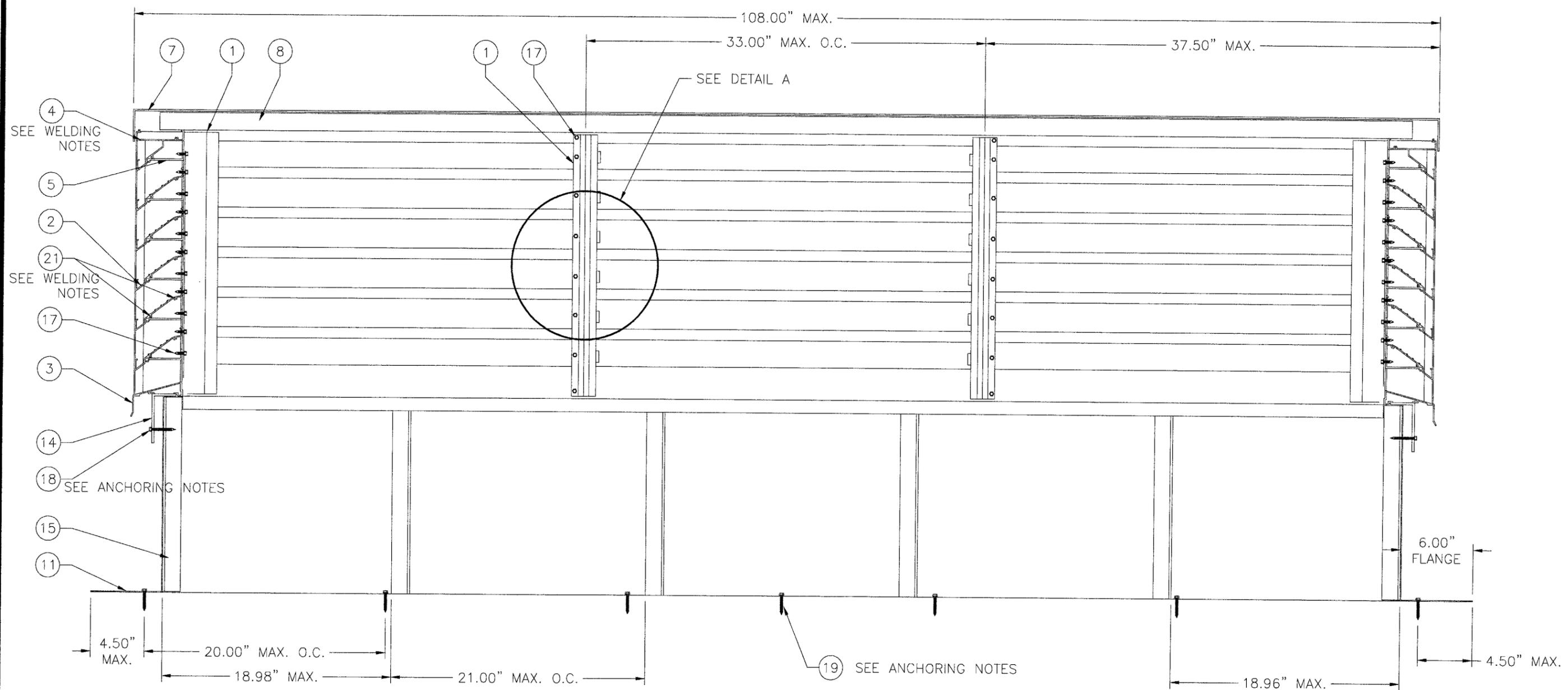
**DESIGN PRESSURE RATING
±85.0 PSF**

LARGE MISSILE IMPACT

LEADER INDUSTRIES, INC. 2500 CRUZEN STREET NASHVILLE, TN 37204			 11/12/07
DC-PHB ALUMINUM LOUVERED PENTHOUSE ELEVATION AND NOTES			
DRAWN: R.L.	DWG NO. FL 00182	REV -	Luis R. Lomas P.E. Florida No. 62514
SCALE NTS	DATE 7/02/07	SHEET 1 OF 5	

12/13/2007
07-10-12
[Signature]

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



DC-PHB LONG SIDE CROSS SECTION

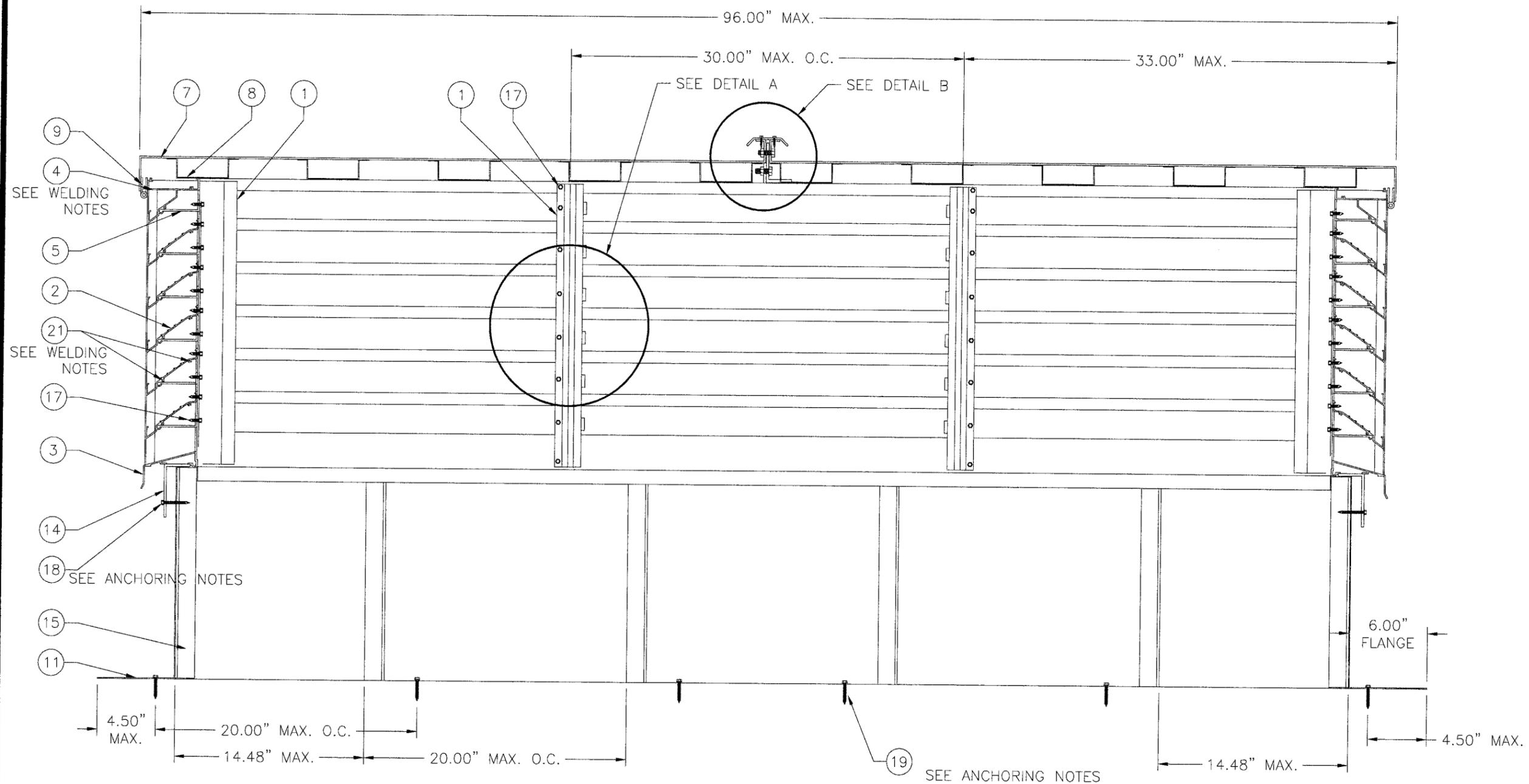
WELDING NOTES:

- 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.

LEADER INDUSTRIES, INC. 2500 CRUZEN STREET NASHVILLE, TN 37204			 11/12/07
DC-PHB ALUMINUM LOUVERED PENTHOUSE CROSS SECTION AND INSTALLATION DETAILS			
DRAWN: R.L.	DWG NO. FL 00182	REV -	Luis R. Lomas P.E. Florida No. 62514
SCALE NTS	DATE 7/02/07	SHEET 2 OF 5	

12/13/2007
 07-10-12

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

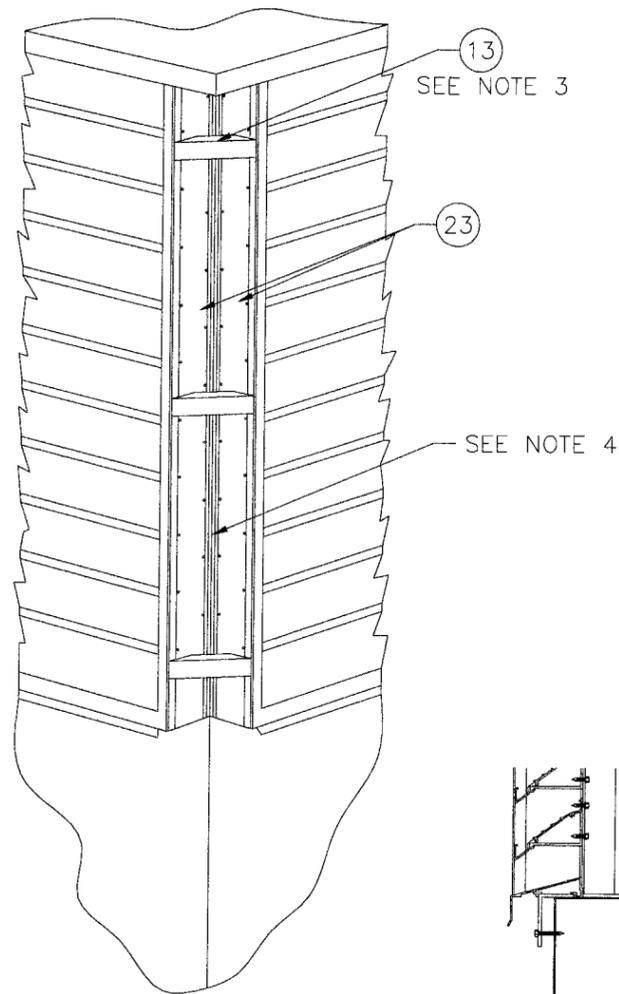


DC-PHB SHORT SIDE CROSS SECTION

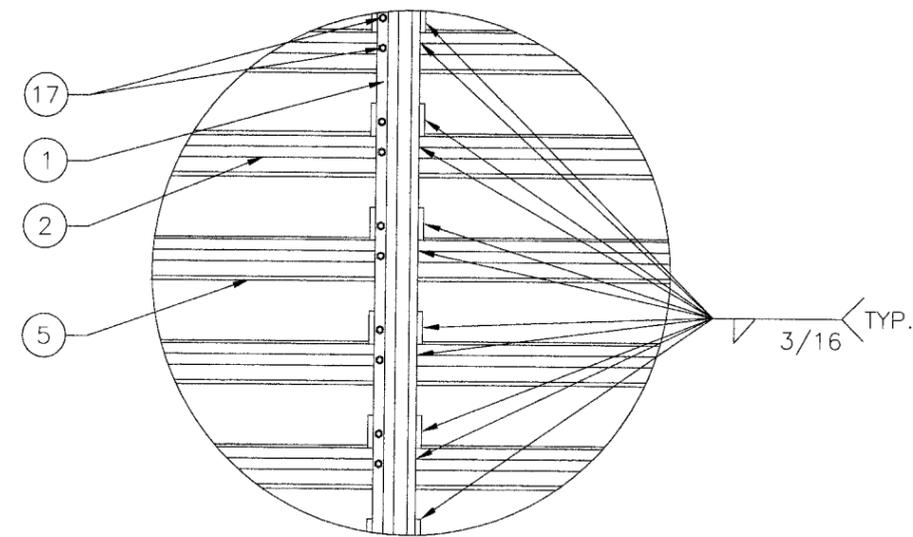
12/13/2007 07-1010.12 	LEADER INDUSTRIES, INC. 2500 CRUZEN STREET NASHVILLE, TN 37204		 11/12/07
	DC-PHB ALUMINUM LOUVERED PENTHOUSE CROSS SECTION AND INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. FL 00182	REV -	Luis R. Lomas P.E. Florida No. 62514
SCALE NTS	DATE 7/02/07	SHEET 3 OF 5	

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

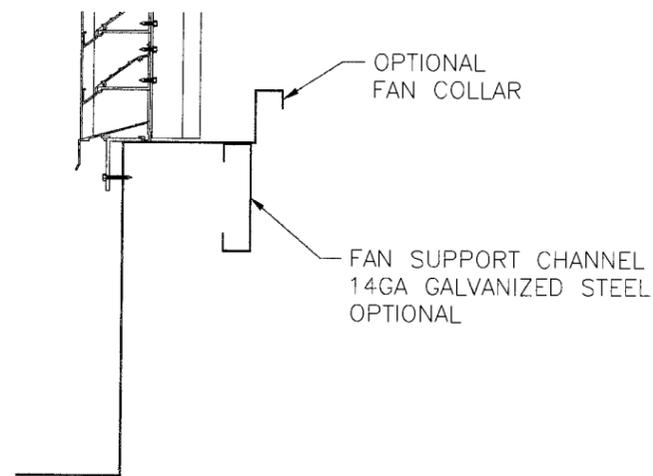
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



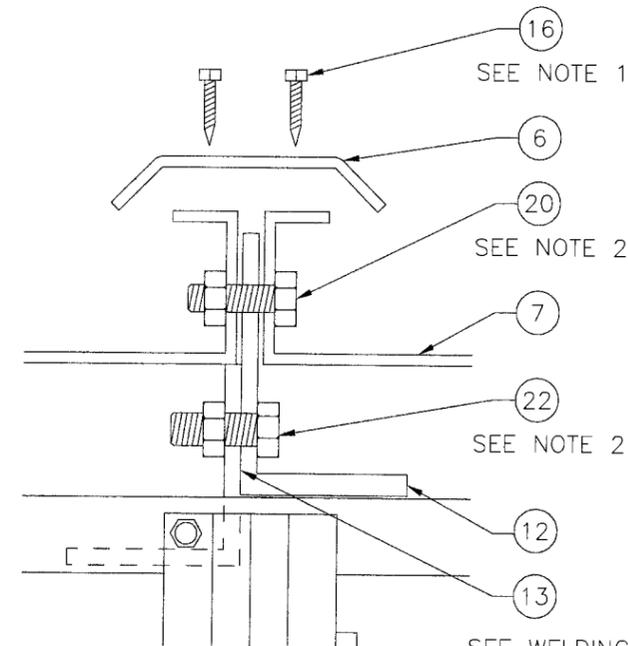
CORNER DETAIL



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.

12/13/2007
07-1010-12
[Signature]

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

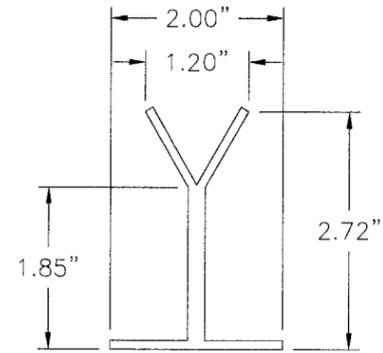
DC-PHB ALUMINUM LOUVERED PENTHOUSE
CROSS SECTIONS AND B.O.M.

DRAWN: R.L.	DWG NO. FL 00182	REV -
SCALE NTS	DATE 7/02/07	SHEET 4 OF 5

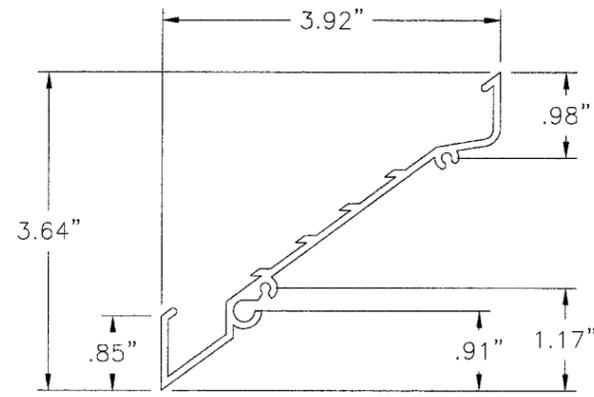
[Signature]
11/16/07

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

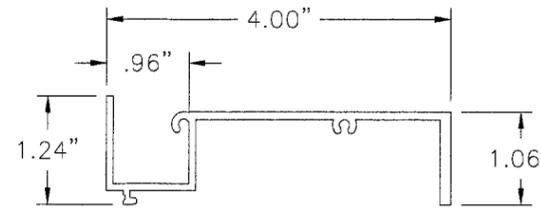
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



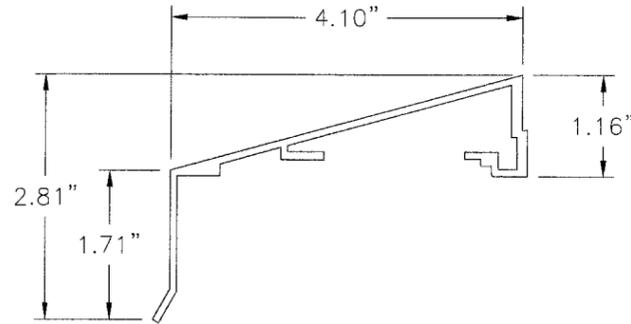
① **VERTICAL BLADE SUPPORT**
ALUMINUM 6063-T5
.200" THICK



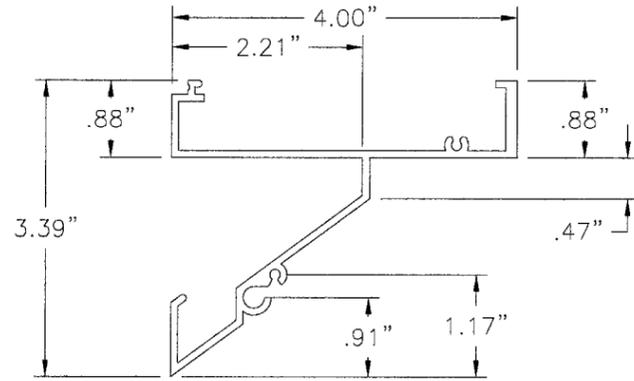
② **BLADE**
ALUMINUM 6063-T5
.080" THICK



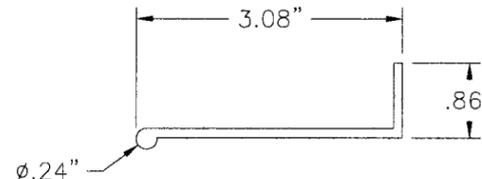
③ **JAMB**
ALUMINUM 6063-T5
.090" THICK



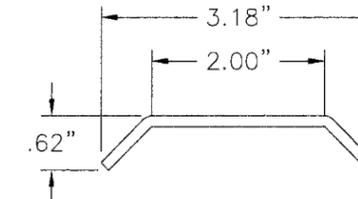
③ **SILL, FLANGE**
ALUMINUM 6063-T5
.080" THICK



④ **HEAD**
ALUMINUM 6063-T5
.080" THICK



⑤ **BLADE SUPPORT**
ALUMINUM 6063-T5
.100" THICK



⑥ **RAIN COVER**
ALUMINUM 3003-H14
.080" THICK

12/13/2007
07-1010.12
[Signature]

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

DC-PHB ALUMINUM LOUVERED PENTHOUSE
COMPONENTS

DRAWN: R.L.	DWG NO. FL 00182	REV -
SCALE NTS	DATE 7/02/07	SHEET 5 OF 5

[Signature]
11/12/07

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