



**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)

**Reliable Products
P.O. Box 580
1300 Enterprise Road
Geneva, AL 36340**

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: AEL-42D-7060 Aluminum Louvers.

APPROVAL DOCUMENT: Drawing No.03S358-1N, titled "Dade County Universal Louver for PTAC Application" sheets 1 through 3 of 3, dated 12/23/03 with last revision on 09/01/05, prepared by Reliable Products., signed and sealed by E. P. Hutson Jr 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 consists of this page, evidence page as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido K. Font PE.**

[Handwritten signature]
02/16/06



**NOA No: 05-0412.01
Expiration Date: February 16, 2011
Approval Date: February 16, 2006**

Reliable Products.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS.

1. Drawing prepared by Reliable Products titled "Dade County Universal Louver for PTAC Application" Drawing No. 03S358-1N, sheets 1 through 3 of 3, dated 12/23/03 with last revision on 09/01/05. signed and sealed by E. P. Hutson, PE.

B. TESTS.

1. Test report on Large Missile Impact Test per TAS 201, Test, Cyclic Wind Pressure Test per TAS 203, Test and Uniform Static Air Pressure Test per TAS 202 of "AEL-420-7060 Aluminum Louvers", prepared by Fenestration Testing Laboratory, Inc, laboratory No 4439, dated 01/07/05, signed and sealed by E. J. Largaespada, PE
2. Clarification letter issued by Fenestration Testing Laboratory Inc, on 09/08/05, signed by R. Robleto.
3. Test report on Tensile Test per ASTM B5577 of Aluminum Flat Reduced Section, prepared by Fenestration Testing Laboratory, Inc on 03/14/05, signed and sealed by E. J. Largaespada, PE.

C. CALCULATIONS.

1. Anchor Calculations prepared by Ruskin Engineering, pages 1 to 8, signed dated and sealed by E. P. Hutson Jr PE on 07/01/05.

D. QUALITY ASSURANCE

1. Building Code compliance Office.

E. STATEMENTS

1. Test compliance letter issued by Fenestration Testing Laboratory Inc, on 09/27/05, signed by E. J. Largaespada PE.
2. Code compliance letter issued by Ruskin on 01/09/06 signed and sealed by D. J. Rau PE.
3. No interest letter issued by Norton & Schmidt on 08/01/05, signed and sealed by E. P. Hutson Jr. PE.



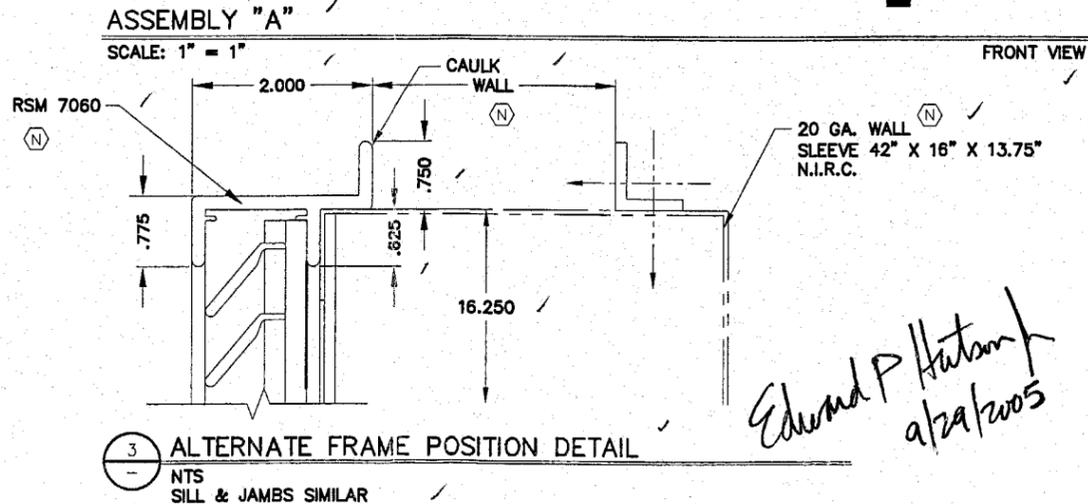
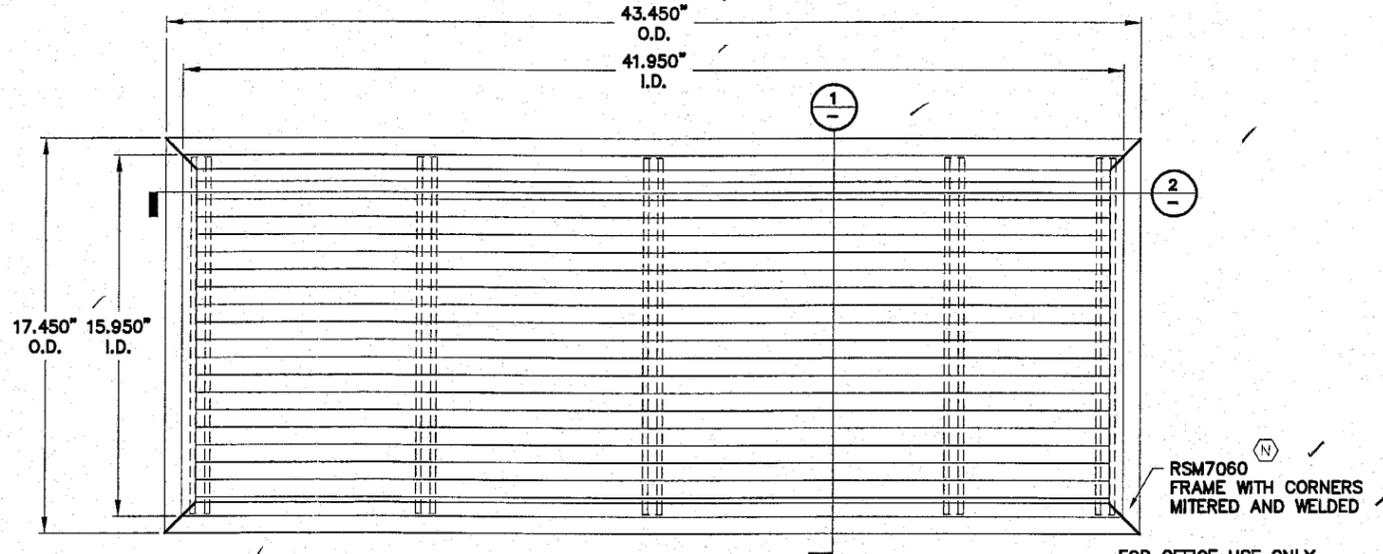
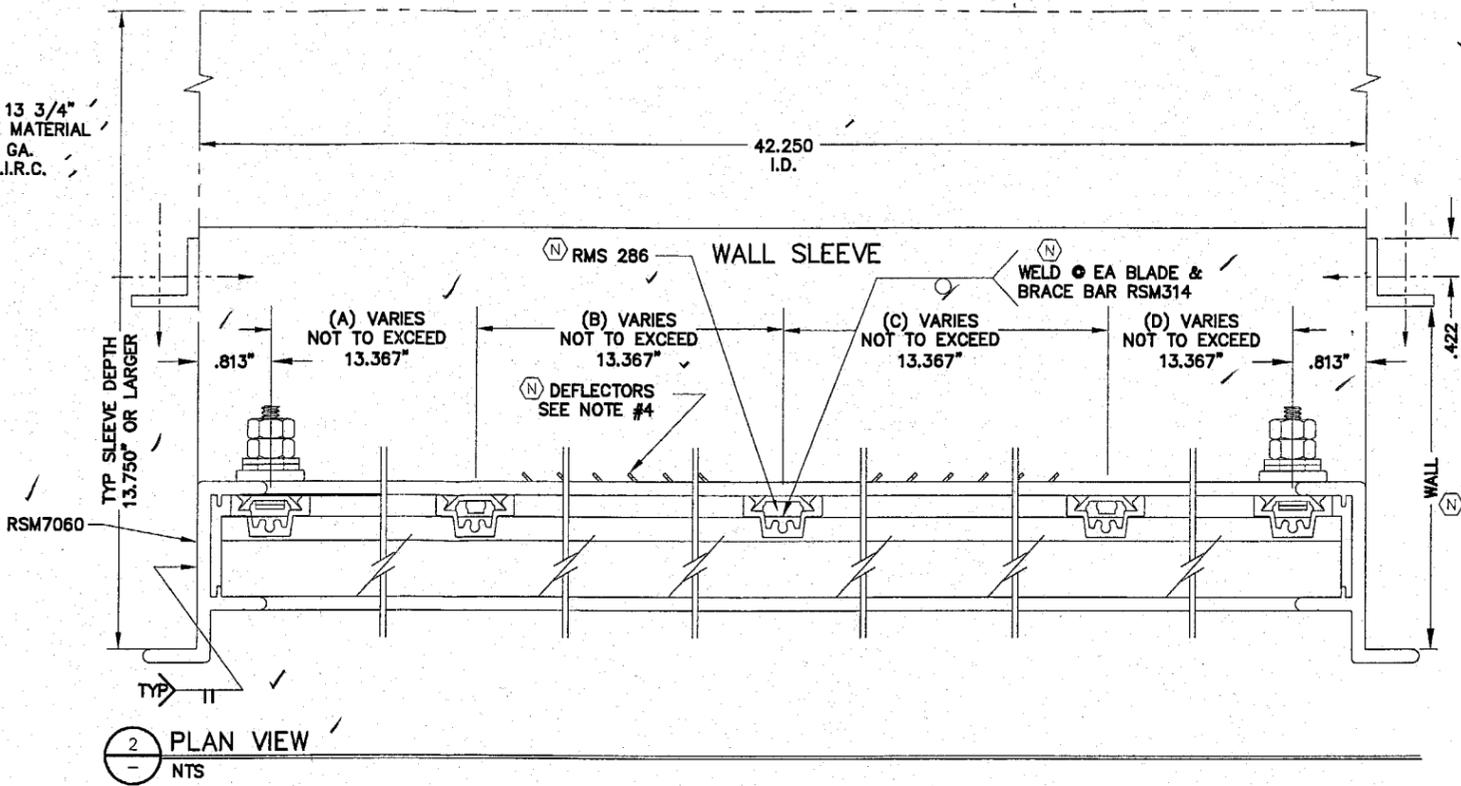
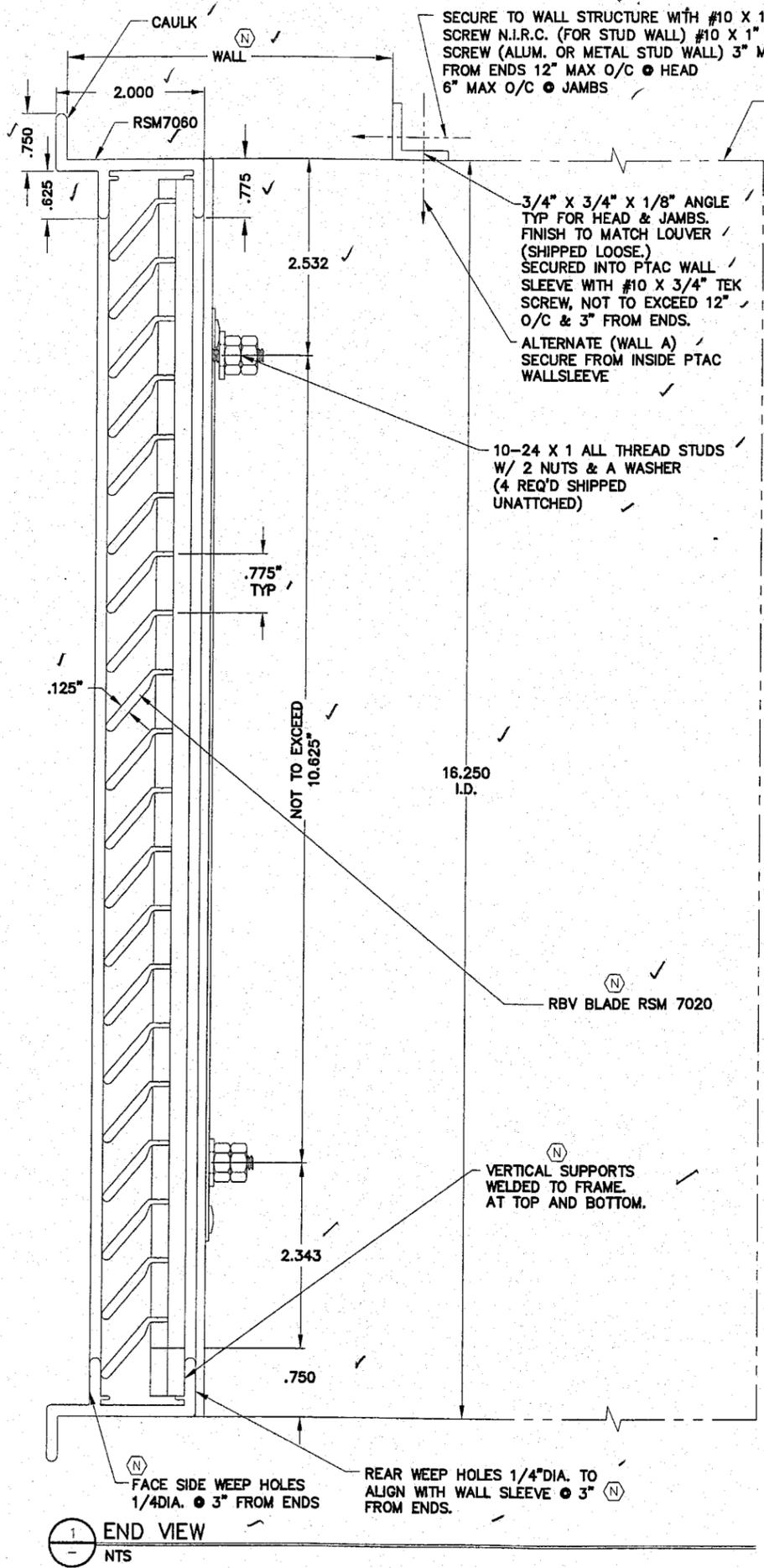
Candido E. Font PE.

Sr. Product Control Examiner

NOA No 05-0412.01

Expiration Date: February 16, 2011

Approval: Date: February 16, 2006



FOR OFFICE USE ONLY

Approved as complying with the Florida Building Code
 Date: 02/16/05
 NOA# 05-0412-01
 Miami Dade Permit Control Division
 By: *[Signature]*

Edward P. Hutson Jr.
 1/29/2005

REV.	DESCRIPTION	CHK'D BY	DATE
N	ADDED ALTERNATE FRAME POSITION, CORRECTED BAFFLE	WS	9/1/05
M	MOVED WELD SYM. TO PLAN VIEW, CHANGE DIM. END VIEW	T.R.K.	12/15/04
L	MODEL NAME CHANGE	GR	08/31/04
K	REV. NOTES ADDED MATERIAL THICKNESS DIM	GR	08/05/04
J	REV. FRAME TO RSM7060A	CS	06/14/04
H	REV. MOUNTING SCREW I.D. FOR METAL OR WOOD STUD	GR	05/12/04
G	REV. FRAME, REMOVED WINDOW WALL TREATMENT, ADDED FRAME DETAILS ON SHEET 3	NNM	04/26/04
F	REV. DIRECTION OF FRAME TO MOUNT IN TO W/ SAME DIRECTION OF FRAMES ON SHEET 1 & 2	NNM	03/30/04
E	REV. NOTES & ADDED MOUNTING DIRECTIONS ON VIEWS ON SHEET 1	NNM	03/04/04
D	ADDED NOTES & REV. NOTES & DETAILS	NNM	02/26/04
C	REMOVED SHEET 2B, REVISED DETAILS AND ADDED PTAC SLEEVE	NNM	02/09/04
		DWN	
		BY	

RELIABLE
 PRODUCTS

1300 Enterprise Road ARCH/MECH LOUVERS
 Geneva, Alabama 36340 REGISTERS
 PHONE (334) 684-3821 GRILLES
 FAX (334) 684-3120 DIFFUSERS

I THE UNDERSIGNED AM THE RESPONSIBLE INDIVIDUAL FOR VERIFYING CONDITIONS AND ROUGH OPENING MEASUREMENTS OF THIS CONTRACT.

BY MY SIGNATURE BELOW I DENOTE THAT I HAVE VERIFIED ALL FIELD CONDITIONS AND GUARANTEE THE ROUGH OPENING SIZES AND AUTHORIZE THE FABRICATION OF THE COMPONENTS CONTAINED IN ALL THE DOCUMENTS RELATIVE TO THIS PURCHASE ORDER.

NAME _____

AUTHORIZED SIGNATURE _____ DATE _____

NAME OF ORGANIZATION _____

CUSTOMER NAME _____

JOB NAME
DADE COUNTY UNIVERSAL LOUVER FOR PTAC APPLICATION

PO# **DADE CO TEST** PROP# **N/A**

FINISH **MILL**

SHEET TITLE

AEL-42D-7060
AEL-42 W/ FRM/LVR & ANGLE

DRAWN BY **JULIE DAVIS** DATE **12/23/03**

REVIEWED BY **WENDELL SIMMONS** DATE **12/23/03**

MANUFACTURING REVIEW DATE

ENGINEER OF RECORD:
EDWARD PAUL HUTSON JR.

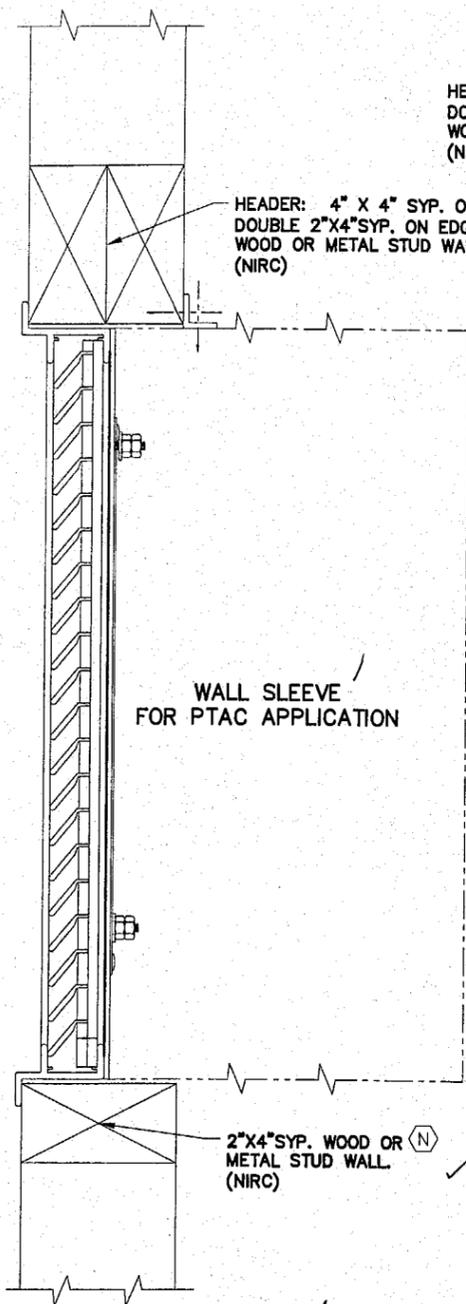
ENGINEERING DISCIPLINE:
STRUCTURAL ENGINEER

REGISTRATION #:
STATE OF FLORIDA # 0052339

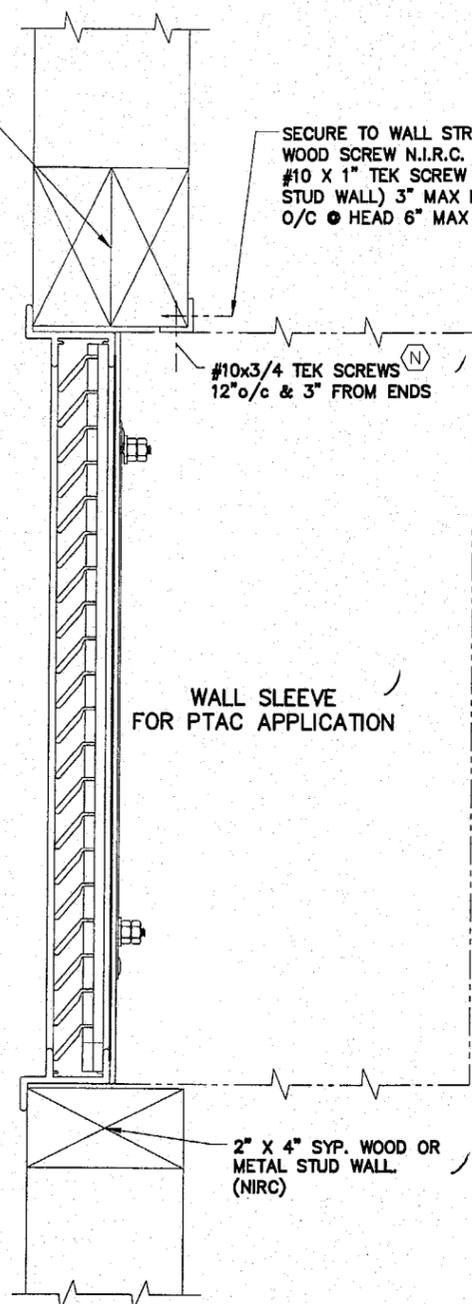
ENGINEER REVIEW DATE

CUSTOMER REP. REVIEW DATE
JIMMY HICKS

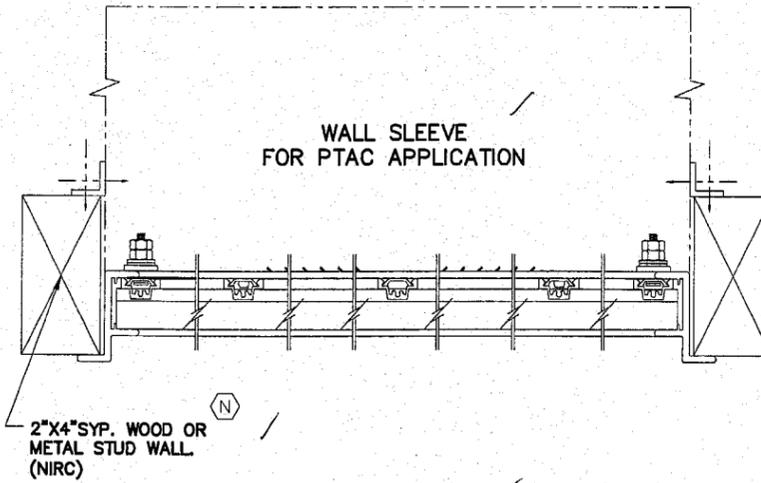
DRAWING NUMBER SHEET OF
03S358-1N 1 3



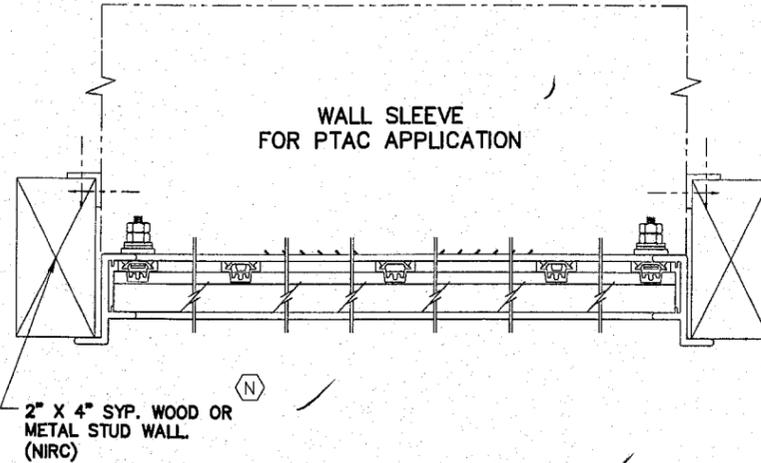
1 INSTALLATION END VIEW
1 NTS



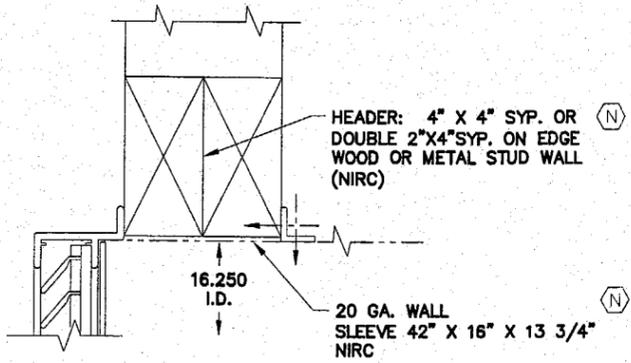
2 INSTALLATION END VIEW (ALT.)
2 NTS



3 INSTALLATION SECTION DETAIL
1 NTS



4 INSTALLATION SECTION DETAIL (ALT.)
2 NTS



5 INSTALLATION ALTERNATE FRAME POSITION DETAIL
NTS
SILL & JAMBS SIMILAR

REV.	DESCRIPTION	CHK'D BY	DATE
N	ADDED ALTERNATE FRAME POSITION, CORRECTED BAFFLE	WS	9/01/05
M	MOVED WELD SYM. TO PLAN VIEW, CHANGE DIM. END VIEW	WS	12/10/04
L	MODEL NAME CHANGE	GR	08/31/04
K	REV. NOTES ADDED MATERIAL THICKNESS DIM	GR	08/03/04
J	REV. FRAME TO RSM7060A	GR	06/14/04
H	REV. STUD I.D. MOUNTING SCREW I.D. FOR METAL OR WOOD STUD	CS	05/12/04
G	REV. FRAME, REMOVED WINDOW WALL TREATMENT, ADDED FRAME DETAILS ON SHEET 3	WS	04/26/04
F	REV. DIRECTION OF FRAME TO MOUNT IN TO W/ SAME DIRECTION OF FRAMES ON SHEET 1 & 2	WS	03/30/04
E	REV. NOTES & ADDED MOUNTING DIRECTIONS ON VIEWS ON SHEET 1	WS	03/04/04
D	ADDED NOTES & REV. NOTES & DETAILS	WS	02/26/04
C	REMOVED SHEET 2B, REVISED DETAILS AND ADDED PTAC CABINET	WS	02/15/04



1300 Enterprise Road ARCH/MECH LOUVERS
Geneva, Alabama 38340 REGISTERS
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NAME _____
AUTHORIZED SIGNATURE _____ DATE _____
NAME OF ORGANIZATION _____

CUSTOMER NAME _____

FOR OFFICE USE ONLY

Approved as complying with the Florida Building Code
Date: 02/16/05
NCA 05/04/05
Miami Dade Product Control
Division

Edward P. Hutson
a/29/2005

JOB NAME
DADE COUNTY UNIVERSAL LOUVER FOR PTAC APPLICATION

PO# DADE CO TEST PROP# N/A

FINISH MILL SHEET TITLE

AEL-42D-7060 TYPICAL WALL APPLICATION

DRAWN BY JULIE DAVIS DATE 12/23/03

REVIEWED BY WENDELL SIMMONS DATE 12/23/03

MANUFACTURING REVIEW DATE

ENGINEER OF RECORD: EDWARD PAUL HUTSON JR.

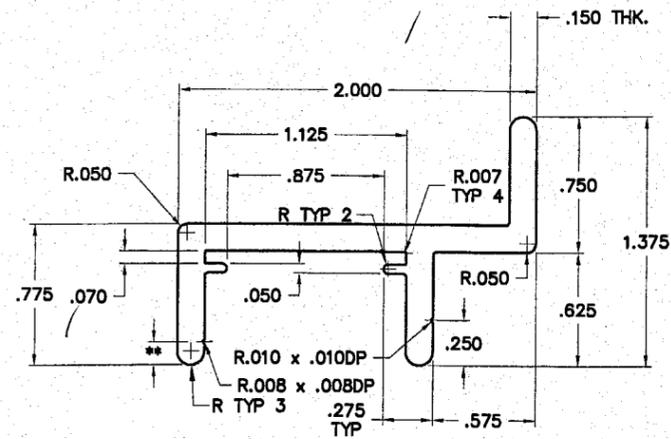
ENGINEERING DISCIPLINE: STRUCTURAL ENGINEER

REGISTRATION #: STATE OF FLORIDA # 0052339

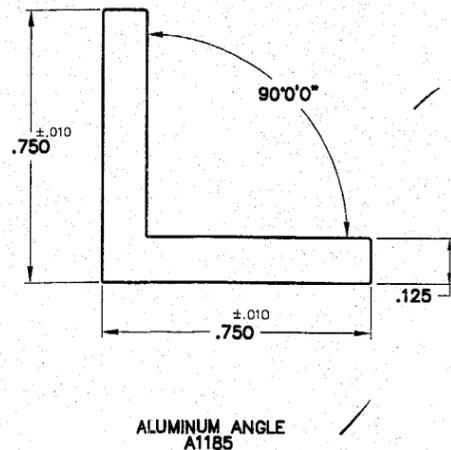
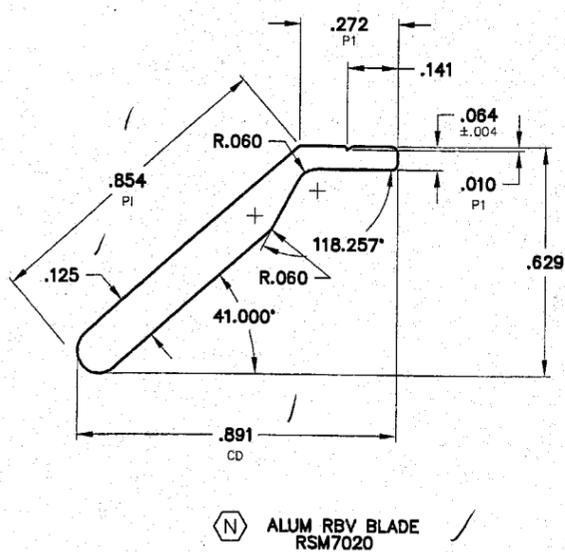
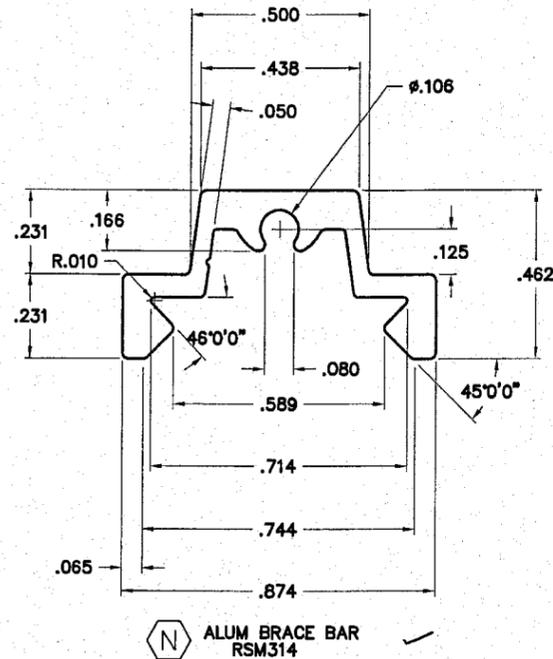
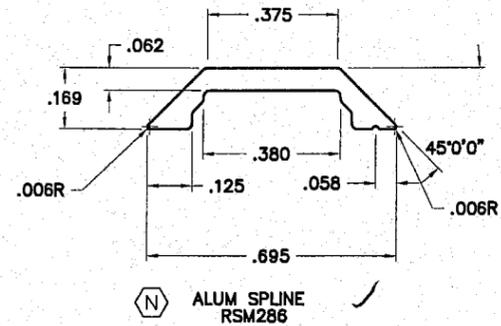
ENGINEER REVIEW DATE

CUSTOMER REP. JIMMY HICKS REVIEW DATE

DRAWING NUMBER 03S358-2N SHEET 2 OF 3



3 FRAME DETAIL -7060
 NTS
 SAMPLE PARTS
 BUILD DIE & ORDER (10 PCS)
 ALUM. AEL FRAME RSM7060



BILL OF MATERIALS

MK.	QTY.	DESCRIPTION	HFA #	DWG #
1		43.450 x 17.450 AEL-42D-7060		04S358
2		RSM7060-192-AE 43.450 FRAME LENGTH	124632	RSM7060
2		RSM7060-192-AE 17.450 FRAME LENGTH	124632	RSM7060
20		RSM7020-192-AE 41.688 BLADE LENGTH	124114	RSM7020
5		RSM314-192-AE PUNCHED .775 15.938 BRACE BAR LENGTH	131937	RSM314
5		RSM286-192-AE 15.938 BRACE BAR SPLINE	130785	RSM286
2		A-1185-192-AE 16.250 ANGLE LENGTH	131380	A-1185
1		A-1185-192-AE 16.250 ANGLE LENGTH	131380	A-1185
2		RSM-91-192-VE 16.250 MOUNTING BAR	137362	RSM91
2		GE DEFLECTOR BAFFLE	430730	430730
4		10-24 x 1 ALL THREADED STUD	430267	430267
8		10-24 HEX NUTS	430170	430170
8		#10 FL CUT SS 18-8 WASHER	430157	430157
4		PRESTINCERT	430023	430023
11		#10 X 3/4" HEX WHD ZINC TEK SCREW	431155	431155
11		#10 X 1" HEX WHD ZINC TEK SCREW	430941	430941
4		AK42H RIVET	430140	430140

- NOTE:**
- 1) THESE LOUVERS ARE TO BE INSTALLED IN A LOCATION WHERE THE ROOM BEHIND THE LOUVERS IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM AND THE ROOM WILL HOUSE WATER RESISTANT/WATER PROOF EQUIPMENT COMPONENTS, OR SUPPLIES.
 - 2) ALL COMPONENTS ARE ALUMINUM ALLOY 6063TS
 - 3) DESIGNATED PRESSURE RATING ± 140 P.S.F. LARGE & SMALL MISSILE IMPACT RESISTANCE
 - 4) DEFLECTORS ARE TO DIRECT INTAKES & EXHAUST FOR P.T.A.C. INSTALLED IN WINDOW SLEEVE BEYOND. THEY HAVE NO EFFECT ON STRUCTURAL INTEGRITY OF THE LOUVER DESIGN.

REV.	DATE	DESCRIPTION
N		
M		
L		
K		
J		
H		
G		
F		
E		
D		
C		

RELIABLE PRODUCTS

1300 Enterprise Road
 Geneva, Alabama 36340
 PHONE (334) 684-3621
 FAX (334) 684-3120

ARCH/MECH LOUVERS
 REGISTERS
 GRILLES
 DIFFUSERS

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NAME _____

AUTHORIZED SIGNATURE _____ DATE _____

NAME OF ORGANIZATION _____

CUSTOMER NAME _____

FOR OFFICE USE ONLY

Approved as complying with the Florida Building Code Date: 02/16/06
 NOVA 05/04/201
 Miami Dade Product Control Division

ENGINEER OF RECORD: EDWARD PAUL HUTSON JR.
 ENGINEERING DISCIPLINE: STRUCTURAL ENGINEER
 REGISTRATION #: STATE OF FLORIDA # 0052339

CUSTOMER REP: JIMMY HICKS
 DRAWING NUMBER: 03S358-3N
 SHEET: 3 OF 3

Edward P. Hutson Jr.
 9/29/2005