



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

NOTICE OF ACCEPTANCE (NOA)

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

R. C. Aluminum Industries, Inc.
2805 N.W. 75 Avenue
Miami, FL 33122

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: Series "CM075" Aluminum Casement Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. PCE2012-042.3, titled "Series CM075 Aluminum Casement Window Large Missile Impact", sheets 01 through 09 of 10, including sheet 6A, dated 09/15/12 with the latest revision dated 05/15/13, prepared by Paramount Consulting & Engineering, LLC, signed and sealed by Manuel Emilio Morales, P. E., bearing the Miami-Dade County Product Control Section 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 No. 10-0811.13 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
5/29/13

NOA No. 12-1003.03
Expiration Date: December 23, 2015
Approval Date: June 06, 2013
Page 1

R. C. Aluminum Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **PCE2012-042.3**, titled "Series CM075 Aluminum Casement Window Large Missile Impact", sheets 01 through 09 of 10, including sheet 6A, dated 09/15/12 with the latest revision dated 05/15/13, prepared by Paramount Consulting & Engineering, LLC, signed and sealed by Manuel Emilio Morales, P. E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Water Resistance Test, per ASTM E547-00 (2009) Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference and per FBC, TAS 202-94
 - 3) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 4) Water Resistance Test, per ASTM E331-00 (2009) Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference and per FBC, TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 7) Forced Entry Test, Type "B-B" window, Grade 10, Level LV 1 per ASTM F 588-07 and per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of casement window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6605**, dated 04/18/2012, signed and sealed by Marlin D. Brinson, P. E.

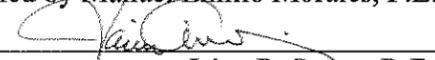
2. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of casement window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6190**, dated 05/11/2010, signed and sealed by Jorge A. Causo, P.E.

(Submitted under previous NOA No. 10-0811.13)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2010, prepared by Paramount Consulting & Engineering, LLC, dated 09/21/12 with the latest revision dated 05/16/13, both signed and sealed by Manuel Emilio Morales, P.E.
2. **Glazing complies with ASTM E1300-09**



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 12-1003.03
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R. C. Aluminum Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.

F. STATEMENTS

1. Statement letter of no financial interest, conformance and complying with FBC-2010, issued by Paramount Consulting & Engineering, LLC, dated 09/18/12, signed and sealed by Manuel Emilio Morales, P. E.
2. Notification of Successor Engineer for manufacturer's NOA document per **Section 61G15-27.001** of the **Florida Administrative Code**, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated 05/16/12, signed and sealed by Manuel Emilio Morales, P. E.
3. Laboratory compliance letter for Test Report No. **FTL-6605**, issued by Fenestration Testing Laboratory, Inc., dated 04/18/2012, signed and sealed by Marlin D. Brinson, P. E.
4. Proposal issued by Product Control, dated 09/30/11, with the latest revision, dated 12/19/11, signed by Jaime D. Gascon, P. E.
5. Laboratory compliance letter for Test Report No. **FTL-6190**, issued by Fenestration Testing Laboratory, Inc., dated 05/11/2010, signed and sealed by Jorge A. Causo, P. E. *(Submitted under previous NOA No. 10-0811.13)*

G. OTHERS

1. Notice of Acceptance No. **10-0811.13**, issued to R. C. Aluminum Industries, Inc. for their Series "**CM075 Aluminum Casement Window - L.M.I.**", approved on 12/23/10 and expiring on 12/23/15.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 12-1003.03
Expiration Date: December 23, 2015
Approval Date: June 06, 2013



PARAMOUNT
CONSULTING & ENGINEERING
FL. CAN 21244
6157 NW 147TH STREET
SUITE F15
MIAMI, FL 33015
Ph: (305) 698-0550
F: (305) 698-0558
www.paramountce.com

PROJECT NAME:
RC ALUMINUM INDUSTRIES, INC
SERIES CM075
ALUMINUM CASEMENT WINDOW
LARGE MISSILE IMPACT

**RC ALUMINUM
INDUSTRIES, INC.**
2805 NW 75TH AVENUE
MIAMI, FLORIDA 33122
T: 305.592.1515
F: 305.592.1159

SHEET TITLE:
DETAILS

SCALE:
1/4" = 1'-0"

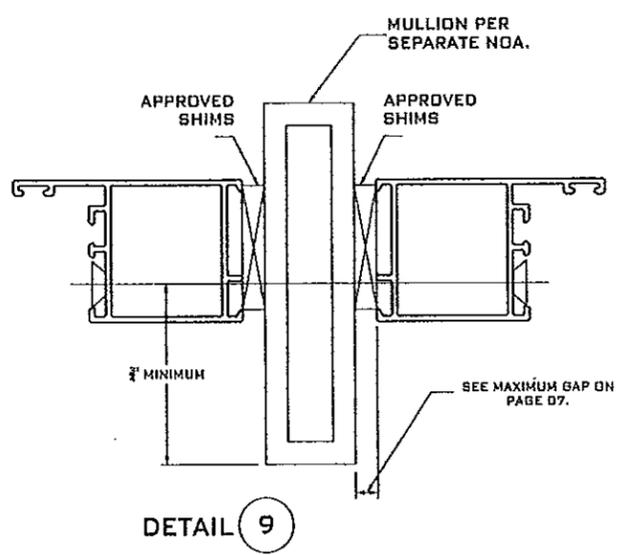
PREPARED BY:
PARAMOUNT CONSULTING AND ENGINEERING
Ph: 305.698.0550, Fax: 305.698.0558
PREPARED FOR:
RC ALUMINUM INDUSTRIES, INC.
DATE: 09/15/2012 DRAWN BY:
P.J.

DRAWING REVISION LOG		
No.	Date	Revised

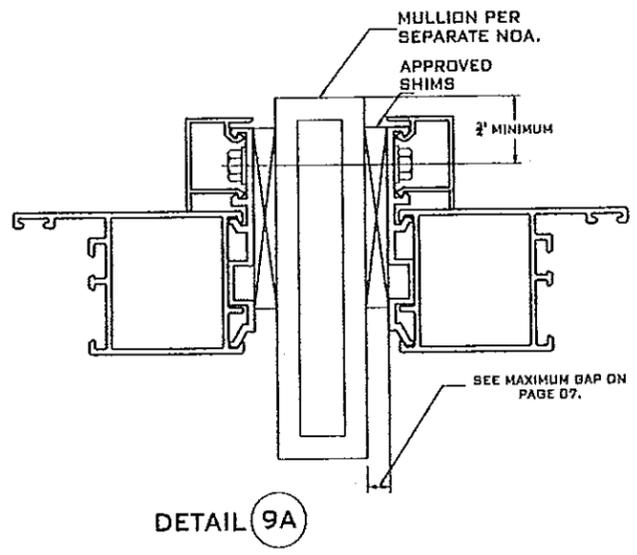
NOTES:

PRODUCT REVISED
is complying with the Florida
Building Code
Acceptance No. 12-1003.03
Expiration Date 12/23/2015
By: *[Signature]*
Miami Dade Product Control

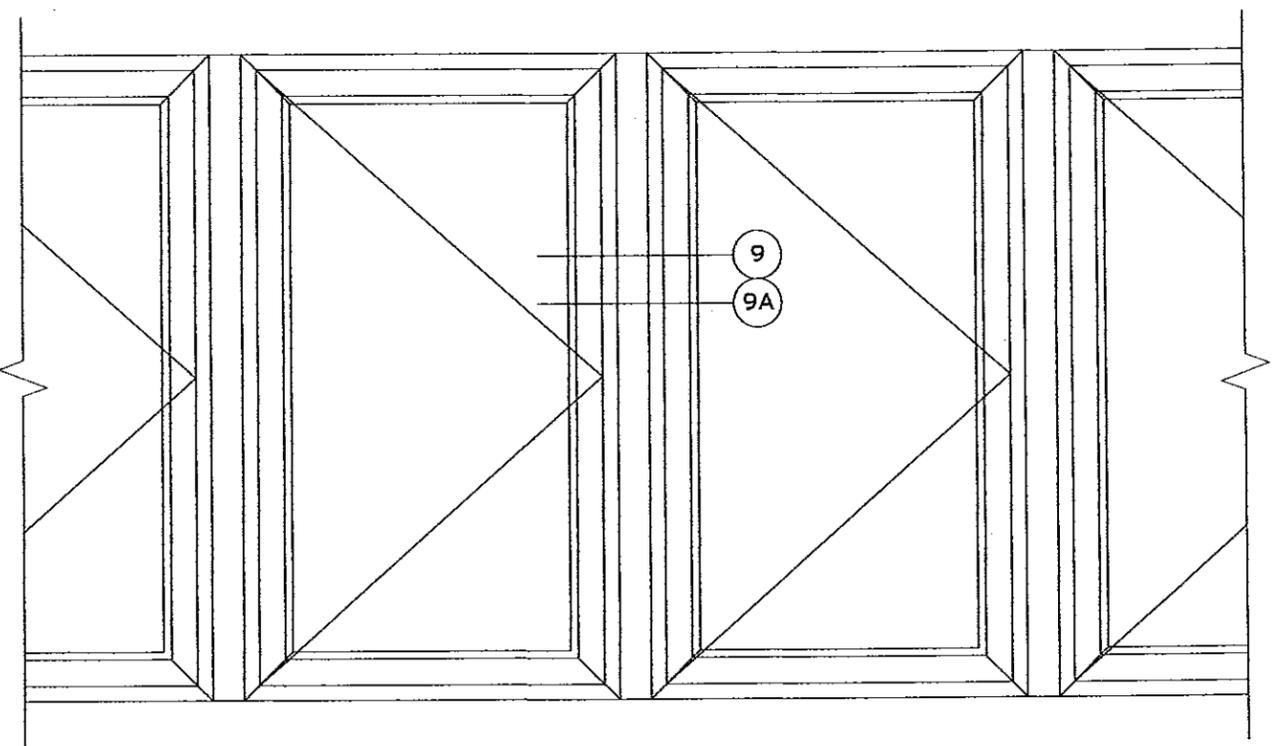
SIGNED AND SEALED DRAWINGS
CHECKED FOR STRUCTURAL
COMPLIANCE ONLY, BY:
6157 NW 147TH STREET, SUITE F15
MIAMI, FL 33015
2/21/5/15/13
MANUEL MORALES, P.E.
FL. REG. #71643
DWG No. PCE2012-042.3
SHEET 06A of 09



W/ THRU FRAME ANCHOR



W/ FRAME ADAPTOR



FOR WINDOWS MULLED TOGETHER, THE LESSER DESIGN PRESSURE OF THE WINDOW OR THE MULLION SHALL BE USED,

BILL OF MATERIALS

LOCKS:

SURFACE MOUNT METALLIC 8 POINT LOCK SYSTEM WITH ACTIVATING LEVEL TYPE HANDLE AT 30" FROM BOTTOM FASTENED WITH (4) #10-24 X 3/4" OH MS

SURFACE MOUNTED KEEPERS FACING LOCKING POINTS (6) METALLIC KEEPERS AT FRAME JAMB FASTENED WITH (1) #10-32 X 3/8" SOCKET SET SCREW
(1) PLASTIC KEEPER AT FRAME AND SILL FASTENED WITH (2) #10-32 X 3/8" SOCKET SET SCREW

HINGES:

OPTION #1:
3-5/8" LONG TWO PIECE METALLIC LIFT OFF HINGES 3 PER VENT LOCATED AT 6" FROM EACH END & AT MIDSPAN FASTENED TO FRAME AND VENT WITH (2) #10-24 X 3/8" OH MS

OPTION #2:
SURFACE MOUNTED METALLIC FOUR BAR HINGES BY 'ANDERBERG' FASTENED TO FRAME WITH (4) #8-32 X 3/4" PH MS FASTENED TO VENT WITH (3) #8-32 X 3/4" PH MS

SNUBBERS:
(REQUIRED AT WINDOWS WITH 4-BAR HINGES)

(6) SURFACE MOUNT PLASTIC ANTI BLOW CLIPS LOCATED AT 7 1/4" FROM ENDS AND AT MIDSPAN FASTENED TO FRAME AND VENT WITH (2) #6 X 3/8" PH SMS EACH.

WEEP HOLES

1" LONG WEEP NOTCH AT 5 1/4" FROM ENDS AT FRAME SILL.

CODE	QTY	PART No.	DESCRIPTION	MATERIAL	REMARKS
EXTRUSIONS					
E1	4	CM075-001	FRAME HEAD/ SILL/ JAMBS.	ALUMINUM. 6063-T6	
E2	4	CM075-002	VENT HEAD/ SILL/ JAMBS.	ALUMINUM. 6063-T6	
E3	AS REQ'D	CM075-007	FRAME & VENT CORNER LOCK MALE	ALUMINUM. 6063-T6	
E4	AS REQ'D	CM075-004	FRAME & VENT CORNER LOCK 3551 FISA	ALUMINUM. 6063-T6	
E5	AS REQ'D	CM075-005	FRAME & VENT CORNER LOCK ADAPTOR.	ALUMINUM. 6063-T6	
E6	AS REQ'D	CM075-006	ALUMINUM LOCK PLATE	ALUMINUM.	
E7	4	FX075-003	GLAZING BEAD	ALUMINUM. 6063-T6	
E8	AS REQ'D	FX075-001	INSTALLATION FRAME ADAPTOR	ALUMINUM. 6063-T6	
E9	AS REQ'D	500Y-010	SNAP COVER	ALUMINUM. 6063-T6	
E10	AS REQ'D	FX075-004	GLAZING BEAD	ALUMINUM. 6063-T6	

VINYLS					
V1	AS REQ'D	V-101	SQUARE VYNIL TPE MELTPPOINT.	TPE	DUROMETER 70 +/- 5
V2	AS REQ'D	V-108	TEAR VINYL FOR INSIDE VENT	EPDM	DUROMETER 65 +/- 5
V3	AS REQ'D	V-060A	FINGER BASKET	NEOPRENE	
V4	AS REQ'D	V-104	FRAME FLAPPY VYNIL	EPDM	DUROMETER 65 +/- 5

MISCELLANEOUS					
M1	AS REQ'D	DDW- 791 OR SIM	SILICONE FOR ASSEMBLY		
M2	AS REQ'D	DDW- 791	BLACK SILICONE FOR GLAZING		
M3	AS REQ'D	12206	SNUBBERS, ANTI BLOWOUT CLIP		
M4	AS REQ'D	.	1/4" X 1/2" X 4" LONG T.P.E. SETTING BLOCK, DURO 70		
M5	1	SR01-7500-51	1/2" SASH LIFT WHITE		
M6	1	P-055	PLASTIC CAM	PLASTIC	

SCREWS					
S1	2 / M3		#6 X 1/2" LG. FH. SMS. ST/ST		
S2	8 / H3		#10 X 1/2" LG. PH. THREAD CUTTING POINT "F" ST/ST.		
S3	1 / M		#8-32 X 1" LG. FH. THREAD CUTTING POINT "F" ST/ST.		
S4	8 / E3		5/16" Ø-18 X 1/2" LG. SET SOCKET HEAD SCREW		
S5	AS REQ'D		INSTALLATION ANCHOR. SEE ANCHOR SCHEDULE		
S6	2 / E8		10-32 X 1/2 LG. FH. MS ST/ST		

HARDWARE					
H1	1	CR0115-XX	HANDLE EXTERIOR		
H2	AS REQ'D	B1021512T7	HINGES RAPID 2T NON-CORROSION		
H3	2	ED0018	DOUBLE POINT MEETING LOCKING		
H4	AS REQ'D	KT005	LOCK POINT NON-CENTER 6.5MM HEIGHT + SCREW	ST/ST	
H5	1	KT00311	KIT ALUMINUM EXTERIOR OPENING		
H6	2	TR0018	END PLATE LOCK POINT ADJUSTABLE		
H7	2	85.09.00.100	12" 4-BAR HINGE		



6157 NW 167th STREET
SUITE F15
MIAMI, FL 33015
Ph: (305) 498-0560
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PROJECT NAME:
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SERIES CM075
ALUMINUM CASEMENT WINDOW
LARGE MISSILE IMPACT

RC ALUMINUM
INDUSTRIES, INC.

2805 NW 75TH AVENUE
MIAMI, FLORIDA 33122
T: 305.592.1515
F: 305.592.1159

SHEET TITLE:
BILL OF MATERIALS

SCALE:
1/16"

PREPARED BY:
PARAMOUNT CONSULTING AND ENGINEERING
P.O. BOX 6920550, MIAMI, FL 33169
PREPARED FOR:
RC ALUMINUM INDUSTRIES, INC.
DATE: 09/15/2012 DRAWN BY:
PJJ

DRAWING REVISION LOG

No.	Date	Revision

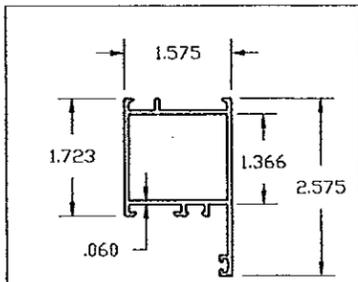
NOTES:

PRODUCT REVISED
as complying with the Florida
Building Code 12-1003.03
Acceptance No
Expiration Date 12/23/2015
by *[Signature]*
Miami Dade Product Control

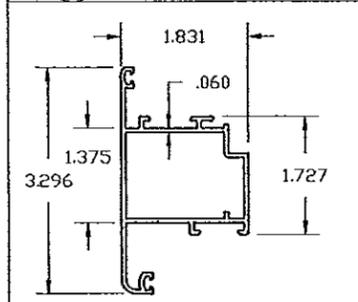
SIGNED AND SEALED DRAWINGS
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6157 NW 167th STREET, SUITE F15
MIAMI, FL 33015
[Signature]
MANUEL MORALES, P.E.
FL. REG. #71643

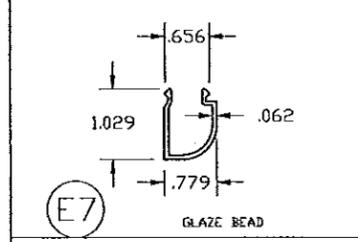
DWG No.
PCE2012-042.3
SHEET 08 of 09



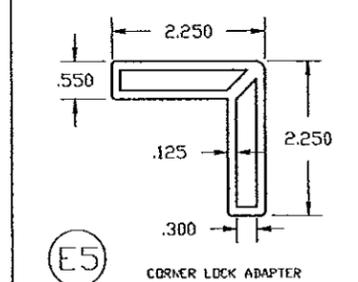
(E1) FRAME HEAD/SILL/JAMB



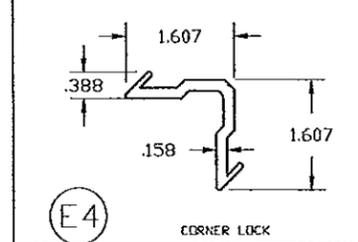
(E2) VENT HEAD/SILL/JAMB



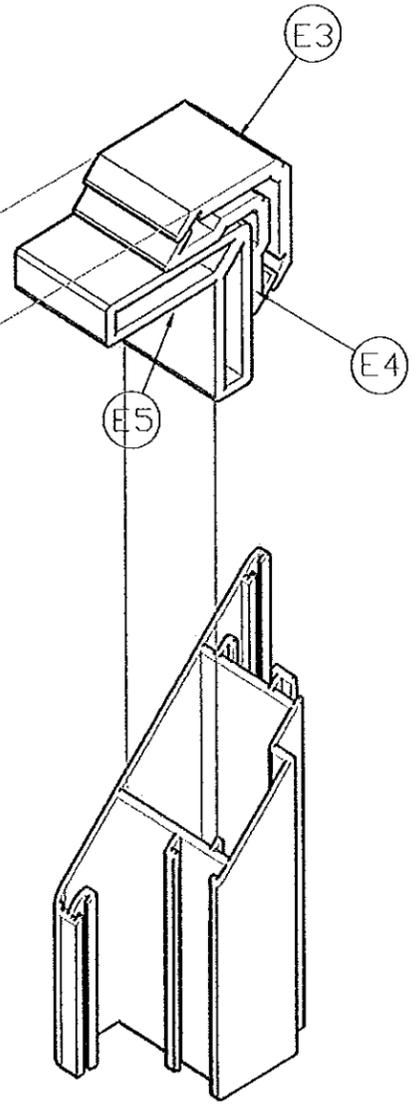
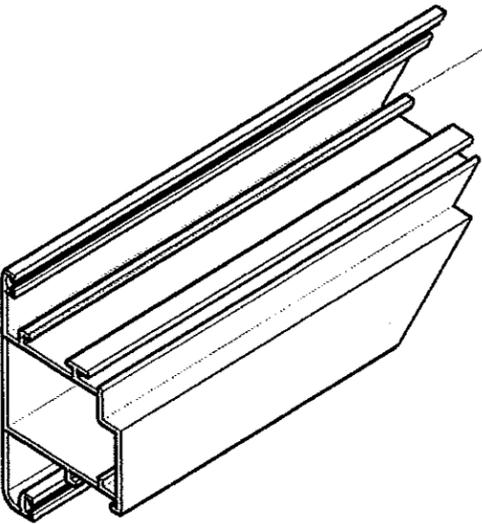
(E7) GLAZE BEAD



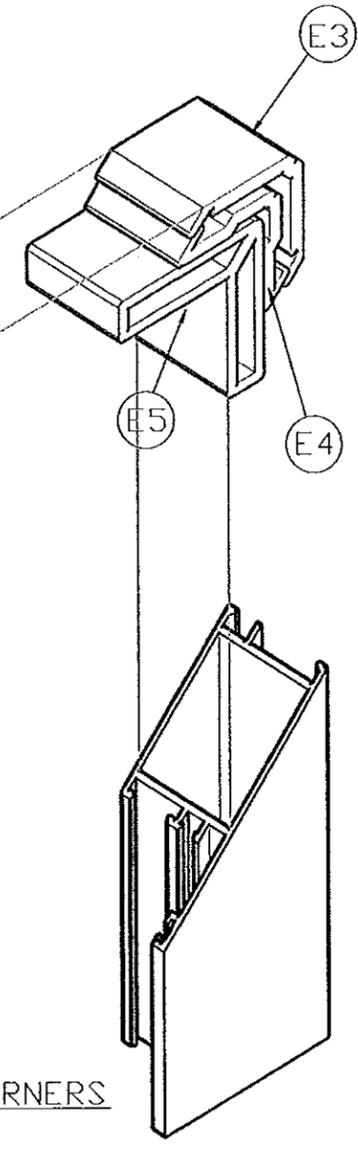
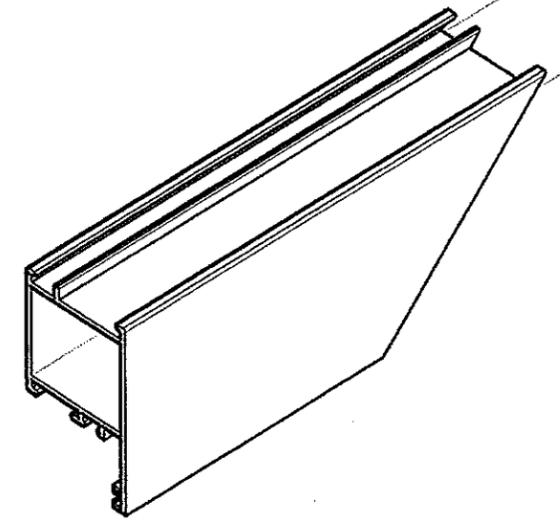
(E5) CORNER LOCK ADAPTER



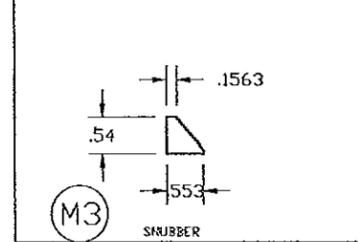
(E4) CORNER LOCK



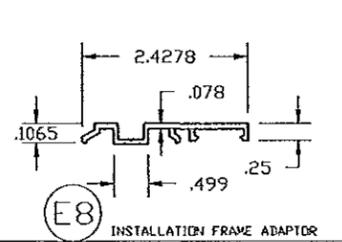
VENT CORNERS



FRAME CORNERS



(M3) SNUBBER



(E8) INSTALLATION FRAME ADAPTOR



6157 NW 167th STREET
SUITE F15
MIAMI, FL 33015
Ph: (305) 698-0550
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LARGE MISSILE IMPACT

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2805 NW 75TH AVENUE
MIAMI, FLORIDA 33122
T: 305.592.1515
F: 305.592.1159

SHEET TITLE:
ASSEMBLY
SCALE:
6"=1'-0"

PREPARED BY:
PARAMOUNT CONSULTING AND ENGINEERING
PA. 305.698.0550, FAX. 305.698.0558
PREPARED FOR:
RC ALUMINUM INDUSTRIES, INC.
DATE: 09/15/2012 DRAWN BY:
PJJ

DRAWING REVISION LOG		
No.	Date:	Revised:

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By *[Signature]*
Miami Dade Product Control

SIGNED AND SEALED DRAWINGS
CHECKED FOR STRUCTURAL
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6157 NW 167th STREET, SUITE F15
MIAMI, FL 33015
[Signature] 5/15/13
MANUEL MORALES, P.E.
FL REG. #71643

DWG No.
PCE2012-042.3
SHEET 09 of 09