



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

MIAMI-DADE COUNTY, FLORIDA  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**RC Home Showcase, Inc.**  
2970 NW 75<sup>th</sup> 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 "HR100" Aluminum Horizontal Sliding Window – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. W04-36, titled "HR100 Alum. Horiz. Sliding Wdvw. (L.M.I.)", sheets 01 through 09 of 09, dated 05/04/04 with revision "G" dated 10/10/13, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Section 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, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**REVISION** 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 No. 11-0922.05 and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and Green Sustainable Attributes (G.S.A.) page G-1, as well as approval document mentioned above.

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



*J. Gascon*  
*12/17/13*

NOA No. 13-1112.13  
Expiration Date: August 05, 2019  
Approval Date: December 26, 2013  
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under previous NOA No. 11-0922.05)*
2. Drawing No. **W04-36**, Sheets 01 through 09 of 09, titled "HR100 Alum. Horiz. Sliding Wdw. (L.M.I.)", dated 05/04/04 with revision "G" dated 10/10/13, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

**B. TESTS**

1. 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  
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6440**, dated 02/25/11, signed and sealed by Marlin D. Brinson, P. E.  
*(Submitted under previous NOA No. 11-0922.05)*
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  
6) Kinetic Energy Drop Load Test (400 Ft. Lb.), per ANSI Z97.1  
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6078**, dated 12/05/09, signed and sealed by Julio E. Gonzalez, P. E.  
*(Submitted under previous NOA No. 10-0426.10)*
3. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an outswing aluminum Casement window, prepared by Hurricane Engineering & Testing, Inc., Test Reports No.'s **HETI-03-1880**, dated 12/12/03 and **HETI-03-1881**, dated 03/19/04, all signed and sealed by Rafael E. Droz-Seda, P. E.  
*(Submitted under previous NOA No. 06-1130.02)*
4. Test reports on: 1) Tensile Test per ASTM-E 8-01e1  
along with marked-up drawings and installation diagram of an outswing aluminum Casement window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-04-T119**, dated 04/23/04, signed and sealed by Rafael E. Droz-Seda, P.E.  
*(Submitted under previous NOA No. 06-1130.02)*



Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No. 13-1112.13  
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**B. TESTS (CONTINUED)**

5. 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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of an outswing aluminum Casement window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-03-1362, dated 12/11/03, signed and sealed by Rafael E. Droz-Seda, P. E. *(Submitted under previous NOA No. 06-1130.02)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, prepared by Al-Farooq Corporation, dated 10/20/11, signed and sealed by Javad Ahmad, P. E. *(Submitted under previous NOA No. 11-0922.05)*  
2. Glazing complies with **ASTM E1300-04**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **13-0129.27** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 04/11/13, expiring on 12/11/16.  
2. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC-2010**, issued by Al-Farooq Corporation, dated 10/15/13, signed and sealed by Javad Ahmad, P. E.  
2. Name changed to **RC HOME SHOWCASE, INC.** as registered in the Florida Department of State, Division of Corporation, Sunbiz document dated 10/11/13.  
3. Asset purchase agreement dated 10/01/13, signed by Mr. Manuel A. Kronfle-Kozhaya, Mr. Henry F. Kronfle-Kozhaya, Mr. Raul Casares, Mr. Eusebio Paredes and Ms. Nancy Vias.  
4. Statement letter of complying with the Sales of Assets issued by RC Aluminum Industries, Inc., dated 10/30/2013, signed by Raul Casares, President.  
5. Department of State Certification of **RC HOME SHOWCASE, INC.** as a for profit corporation, active and organized under the laws of the State of Florida, dated 10/11/13 and signed by T. Carter, the Secretary of State.



Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
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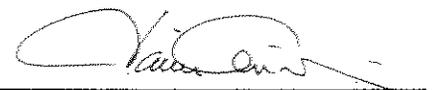
F. STATEMENTS (CONTINUED)

6. Department of State Certification of **MANUHEN ENTERPRISES, LLC** as a limited liability company, active and organized under the laws of the State of Florida, dated 08/22/13 and signed by N. Culligan, the Secretary of State.
7. Laboratory compliance letters for Test Report No. **FTL-6440**, dated 02/25/11, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Marlin D. Brinson, P.E. *(Submitted under previous NOA No. 11-0922.07)*
8. Laboratory compliance letters for Test Report No. **FTL-6078**, dated 12/05/09, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Julio E. Gonzalez, P. E. *(Submitted under previous NOA No. 10-0426.10)*
9. Proposals No. **08-1635** issued by Product Control, dated 11/24/08, signed by Renzo Narciso, Engineer 1, Product Control Division. *(Submitted under previous NOA No. 10-0426.10)*
10. Laboratory compliance letters for Test Reports No.'s **HETI-03-1362**, dated 12/11/03, **HETI-03-1880**, dated 12/12/03, **HETI-03-1881**, dated 03/19/04 and **HETI-03-T119**, dated 04/23/04, all issued by Hurricane Engineering & Testing, Inc., all signed and sealed by Rafael E. Droz-Seda, P. E. *(Submitted under previous NOA No. 06-1130.02)*

G. OTHERS

1. Notice of Acceptance No. **11-0922.05**, issued to R.C. Aluminum Industries, Inc. for their Series "**HR100 Aluminum Horizontal Sliding Window - L.M.I.**", approved on 10/27/11 and expiring on 08/05/14.
2. Simulation Performance, Solar Heat Gain Coefficient, Visible Transmittance, & Condensation Resistance Calculation Report on:
  - 1) **NFRC 100-2004** "Procedure for Determining Fenestration Product U-Factors"
  - 2) **NFRC 200-2004** "Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence"
  - 3) **NFRC 500-2004** "Procedure for Determining Fenestration Product Condensation Resistance Values"

Using computer simulation in accordance with NFRC: Frame and Edge Modeling: THERM 5.x, / WINDOW 5.x NFRC Simulation Manual (Approved at test date), of a RC Aluminum Series "CM100" outswing casement aluminum prime window, along with attached drawings and bill of materials included in Appendix A, marked-up by National Certified Testing Laboratories, Test Report No. **NCTL-110-12455.01**, pages 01 through 07 of 07, dated 11/16/09, signed by Richard A. McVicker III, Simulator, and Steven H. Coble, NFRC Accredited Simulator, Simulator-In-Responsible-Charge.



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**G. OTHERS (CONTINUED)**

3. NFRC 102-2004 Thermal Performance Test Report on:
  - 1) **NFRC 102-2004** "Test Procedure for Measuring the Steady State Thermal Transmittance of Fenestration Systems"  
Test report of a series RC Aluminum's Series "CM100" Outswing Aluminum Casement Prime Window with Low E and Argon, along with submittal component drawings, with applicable part numbers, manufacturing and modeling details included in Appendix A, marked-up by National Certified Testing Laboratories, Test Report No. **NCTL-110-12456-1**, pages 01 through 04 of 04, dated 11/20/09, signed by Christian J. Mitchell, Technician, and Robert H. Zeiders, P. E., Vice-President Engineering & Quality Person-In-Responsible Charge.
4. Recycled Content Determination Report on:  
Name: Casement Window, CM100  
Raw Material: Aluminum  
Including letter from **Fundiciones Industriales S.A. (FISA)** dated 03/22/10, certifying that the extruded aluminum products contained 30% recycled scrap material, signed by Henry Kronfle, Vice-President.



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Product Control Section Supervisor  
NOA No. 13-1112.13  
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**GREEN SUSTAINABLE ATTRIBUTES (GSA)**

**SCOPE:** This document is solely for the purpose of verification of Sustainable Attributes of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control.

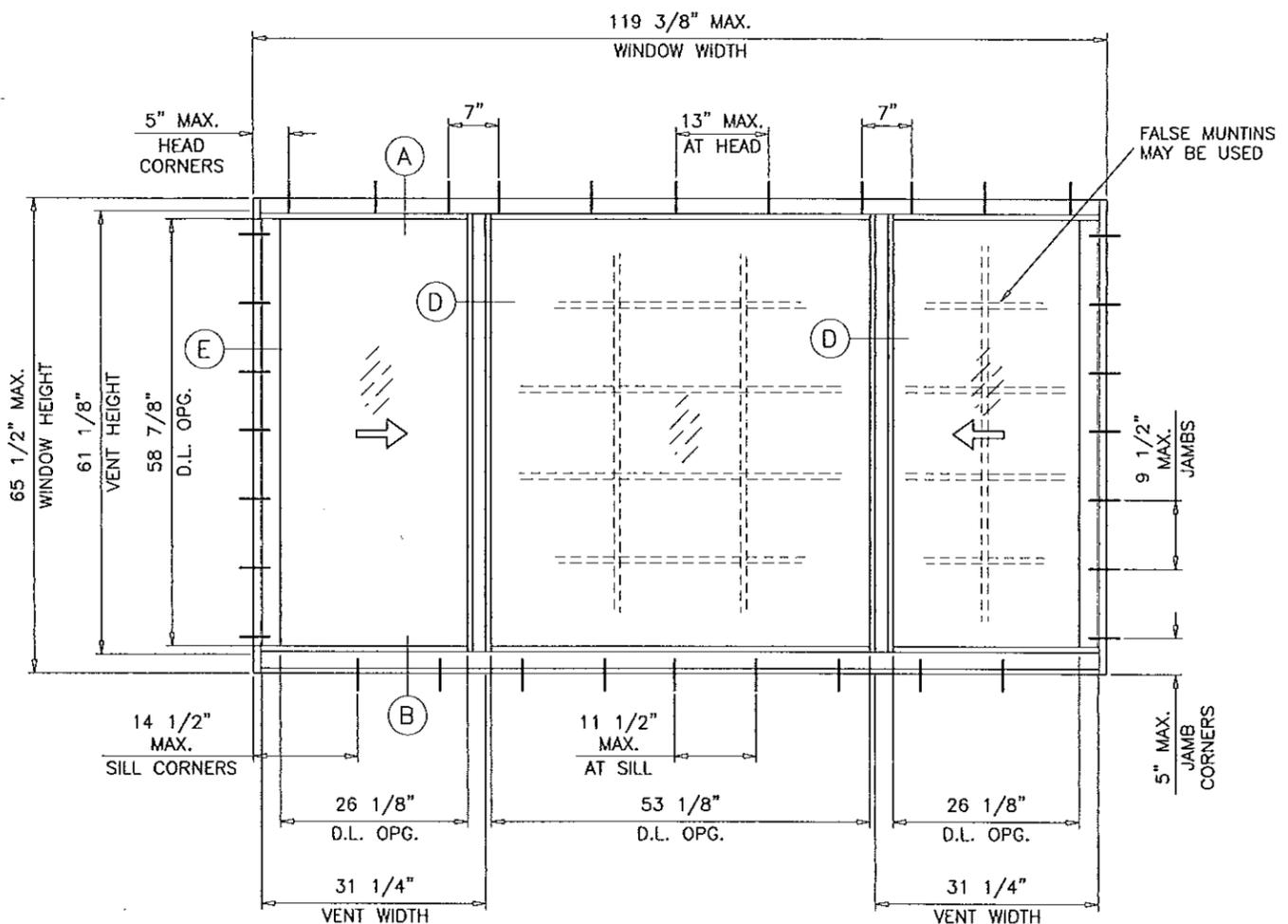
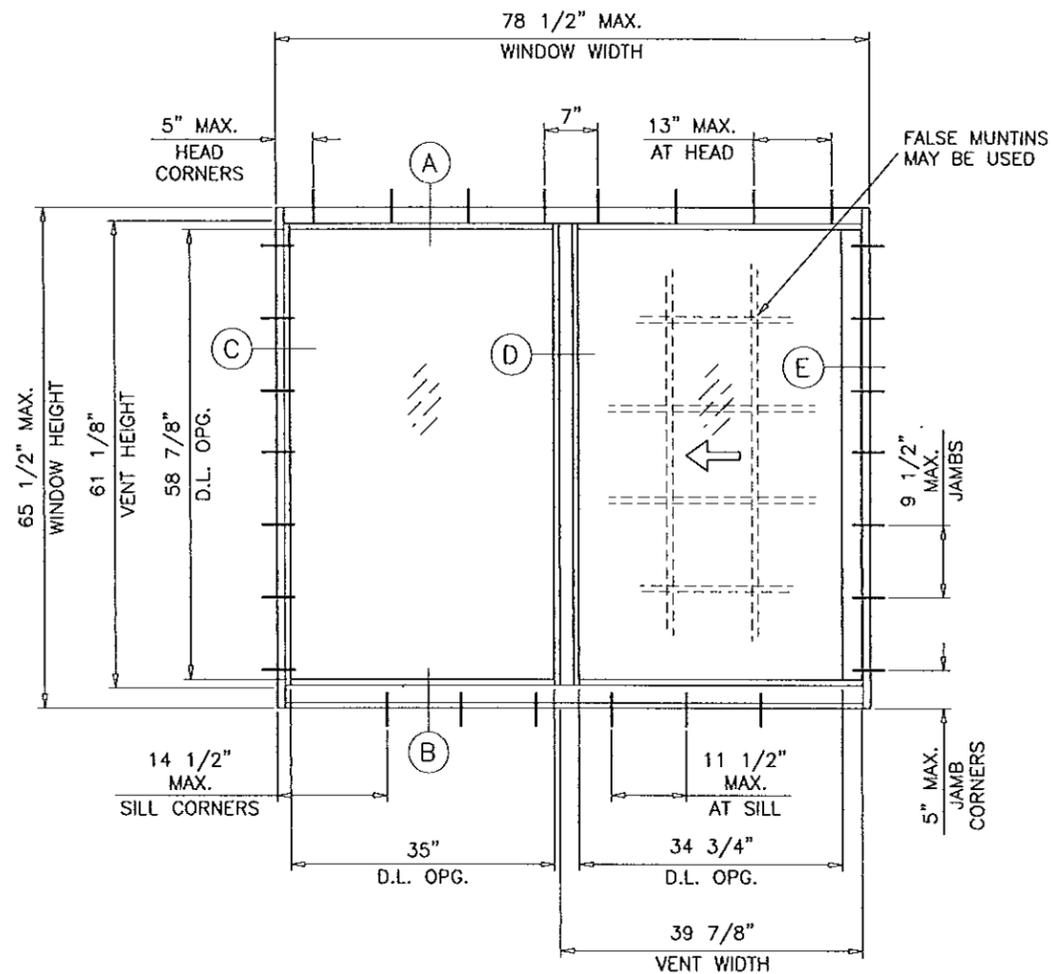
<b>G.4 – RECYCLED CONTENT / BIO-BASED MATERIAL / RAPIDLY RENEWABLE MATERIAL</b>				
<u>Component Name</u>	<u>% Recycled Content at Manuf.</u>	<u>% Recycled at Disposal</u>	<u>% Bio-based Material</u>	<u>% Renewable Material</u>
1. Window Aluminum	30%	100%	N/A	N/A

<b>G.8 – U-FACTOR ( THERMAL TRANSMITTANCE) BTU/ HR-FT<sup>2</sup>-<sup>0</sup>F</b>							
<b>G.9 – SHGC-FACTOR ( SOLAR HEAT GAIN COEFFICIENT) BTU/ HR-FT<sup>2</sup></b>							
<b>VT – VISIBLE LIGHT TRANSMITTANCE AT NORMAL INCIDENCE</b>							
<b>CR – CONDENSATION RESISTANCE</b>							
ID#	Test Report#:	Product Number	Glazing Components:	G.8: U-Factor	G.9: SHGC	VT	C R
	Base line Product	000	5/32 CLR_240#2-SS-D_ARG_BRZ-1/8_090 PVB_1/8	0.65	0.20	0.21	15
1.	NCTL 110-12456-1	001	5/32 CLR_240#2-SS-D_ARG_BRZ-1/8_090 PVB 1/8	0.65	0.20	0.21	15
2.		002	5/32 CLR_240#2-SS-D_ARG CLR-1/8_090 PVB 1/8	0.65	0.21	0.28	15
3.		003	5/32 CLR_240#2-SS-D_ARG GRN-1/8_090 PVB 1/8	0.65	0.20	0.19	15
4.		004	5/32 CLR_240#2-SS-D_ARG GRY-1/8_090 PVB 1/8	0.65	0.26	0.26	15

<b>Legend</b>	
<u>Abbreviations:</u>	<u>Description:</u>
SS-D	Desiccant-Filled Stainless Steel Spacer
240#2	Cardinal Low E 240 @ #2 Surface Typical
ARG	90% Argon
PVB	0.090" Poly Vinyl Butryal (PVB) interlayer
CLR	Clear Glass
BRZ	Bronze Tint Glass
GRN	Green Tint Glass
GRY	Gray Tint Glass

<b>G.10 – C-FACTOR ( THERMAL CONDUCTANCE) BTU/ HR-FT<sup>2</sup>-<sup>0</sup>F</b>	
<u>Component Name</u>	<u>C-Value</u>
1. Whole Window	1.53

  
**Jaime D. Gascon, P. E.**  
 Product Control Section Supervisor  
 NOA No. 13-1112.13  
 Expiration Date: August 05, 2019  
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TYPICAL ELEVATIONS

FLANGE FRAME WINDOWS

HR100 ALUM HORIZ. SLIDING WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZONTAL ROLLING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

PRODUCT RENewed  
 as complying with the Florida  
 Building Code  
 Acceptance No. 13-1112.13  
 Expiration Date 08/05/2019  
 By *[Signature]*  
 Miami Dade Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
*[Signature]*  
 OCT 25 2013

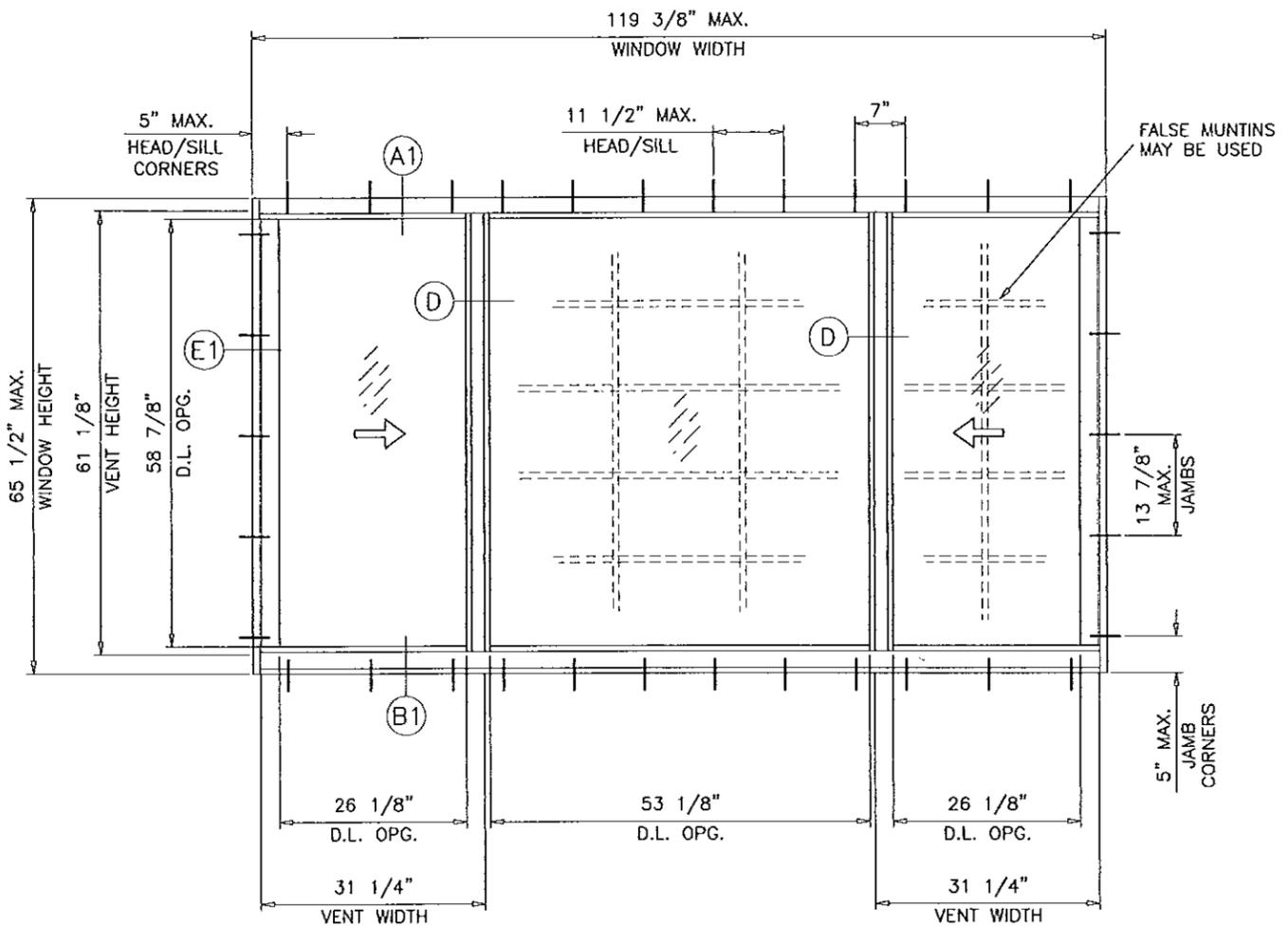
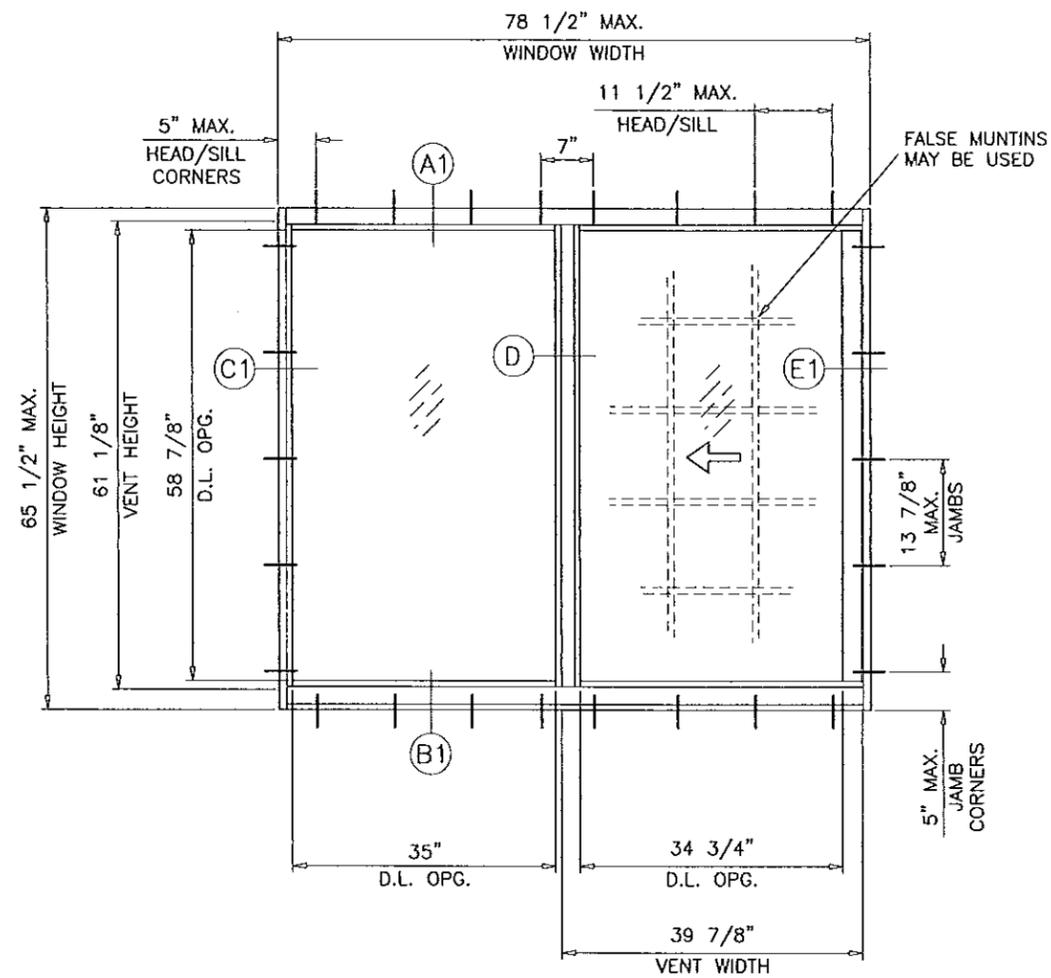
**afC**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-5100 FAX. (305) 262-8978  
 COMP--ANL\W04-36RC

HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)  
**RC HOME SHOWCASE**  
 2970 N.W. 75TH AVENUE  
 MIAMI, FL. 33122  
 TEL. (305) 392-6214 FAX. (786) 464-1582

revisions:	no	date	by	description
	D	07.08.10		NO CHANGE THIS SHEET
	E	06.29.11		GENERAL REVISION
	F	10.21.11		UPDATED TO 2010 FBC
	G	10.10.13		MANUF. NAME REV.

date: 05-04-04  
 scale: 1/2"=1'-0"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W04-36**  
 sheet 1 of 9



TYPICAL ELEVATIONS

FLUSH FRAME WINDOWS

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 13-1112.13  
 Expiration Date 08/05/2019  
 By *[Signature]*  
 Miami Dade Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
*[Signature]*  
 OCT 25 2013



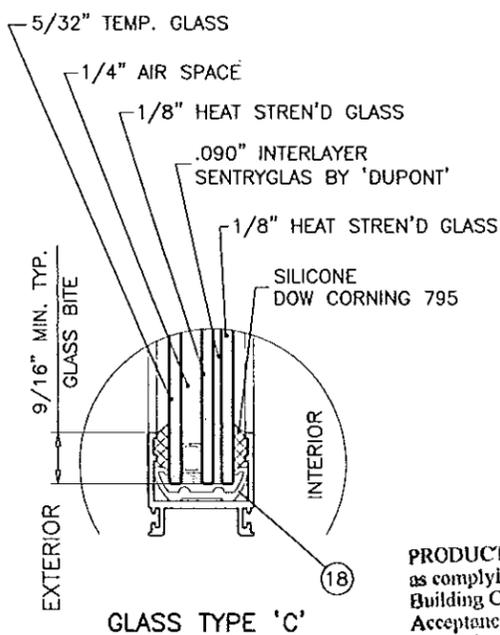
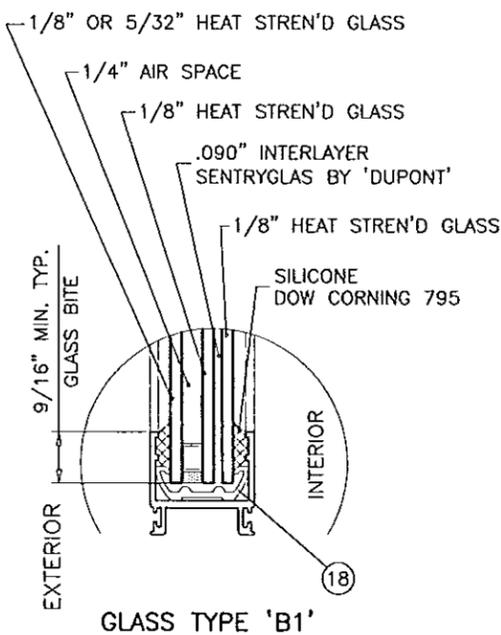
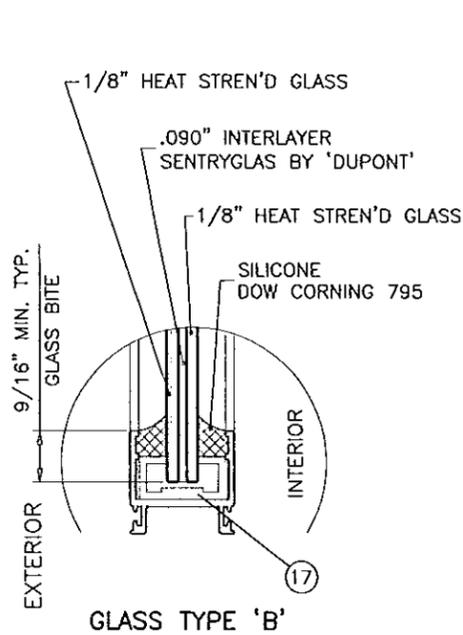
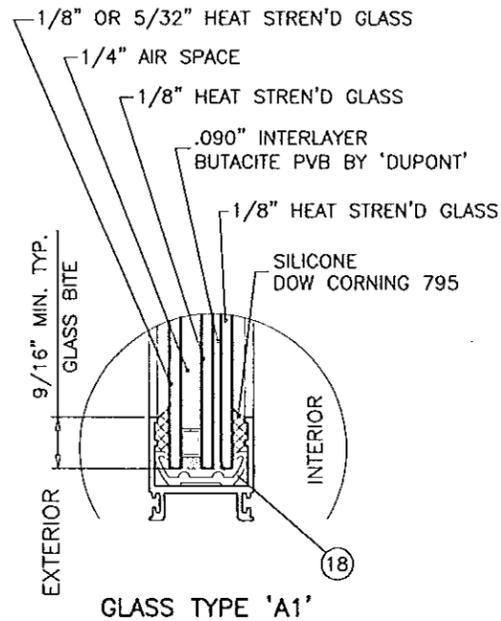
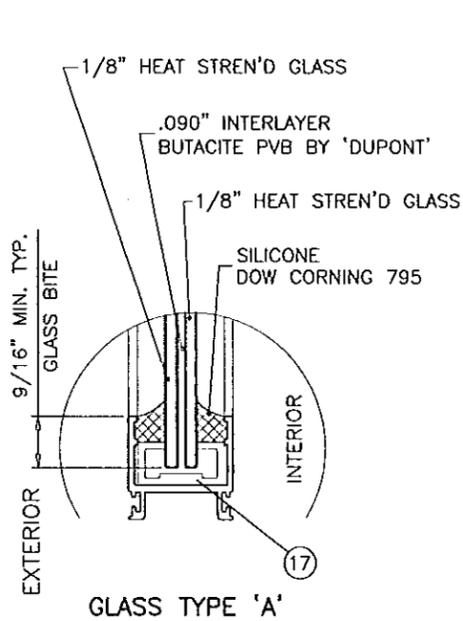
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HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)  
**RC HOME SHOWCASE**  
 2970 N.W. 75TH AVENUE  
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 TEL. (305) 392-6214 FAX. (786) 464-1582

no	date	by	description
E	06.29.11		GENERAL REVISION
F	10.21.11		NO CHANGE THIS SHEET
G	10.10.13		MANUF. NAME REV.

date: 05-04-04  
 scale: 1/2"=1'-0"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W04-36**  
 sheet 2 of 9



**GLAZING OPTIONS**

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	RS100-001A	1	FRAME HEAD	6063-T6	-
2	RS100-002	1	FRAME SILL	6063-T6	-
3	RS100-007B	1	FRAME JAMB VENT	6063-T6	-
4	RS100-008	1	FRAME JAMB FIXED	6063-T6	-
5	RS100-004	1/ VENT	FIXED RAIL	6063-T6	-
6	RS100-003	1/ VENT	VENT MEETING RAIL	6063-T6	-
7	RS100-009	2/ VENT	TOP AND BOTTOM RAIL	6063-T6	-
8	RS100-006	1/ VENT	JAMB STILE	6063-T6	-
9	500Y-007	AS REQD.	GLAZING BEAD	6063-T6	-
10	RS100-005	1	SLIDE ANCHOR CLIP	6063-T6	1" LONG
11	-	1	ANCHOR CHANNEL	6063-T6	-
12	-	-	-	-	-
13	W3123INK	4	WEATHER STRIPPING PILE (VENT)	-	-
14	W3123INK	1	WEATHER STRIPPING PILE (MEETING RAIL)	-	-
15	Q-LON	1	Q-375 X 190 WHITE	-	-
16	V-033	1	WEATHER STRIPPING GASKET	NEOPRENE	-
17	P-049	AS REQD.	GLAZING INSERT	RIGID PVC	MELTPOINT
18	V-055	1	VINYL LAM. INSUL. GLASS	PVC	DUROMETER 75±5 SHORE A
19	P-0358	2/ VENT	HANDICAP FINGER LOCK	RIGID VINYL	6" FROM EACH END
20	-	-	-	-	-
21	RS100-MI	2/ VENT	KNURLE AXLE PIN	ST./ST.	-
22	P-016	2/ VENT	WHEEL RETAINER HOUSING	NYLON	-
23	RD 1906	2/ VENT	WHEEL	NYLON	-
24	-	-	-	-	-
25	#10 X 1"	AS REQD.	FRAME ASSY. SCREWS	ST. STEEL	PH SMS
26	#10 X 3/4"	AS REQD.	VENT ASSY. SCREWS	ST. STEEL	HH SMS
27	#10 X 1-1/2"	2	SLIDE CLIP FASTENERS	ST./ST.	PH. P.H.
28	#12 X 3/4"	1	SLIDE CLIP FASTENER	ST./ST.	FH S.M.S.
29	RS100-029	AS REQD.	FLUSH ADAPTER HEAD	6063-T6	-
30	RS100-019	AS REQD.	FLUSH ADAPTER SILL	6063-T6	-
31	RS100-028	AS REQD.	FLUSH ADAPTER JAMB	6063-T6	-
32	500Y-010	AS REQD.	SNAP COVER	6063-T6	-

**SEALANT:**

ALL FRAME AND VENT CORNERS AND INSTALLATION SCREWS SEALED WITH SILICONE.

NOTE:  
IN ORDER TO QUALIFY FOR SMALL MISSILE IMPACT RATING EXTERIOR PLY OF GLASS TYPES 'A1' & 'B1' MUST BE TEMPERED.

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. **13-1112.13**  
Expiration Date **08/05/2019**  
By *[Signature]*  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
*[Signature]*  
OCT 25 2013

**afC**  
**AL-FAROOQ CORPORATION**  
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COMP-ANL\W04-36RC

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2970 N.W. 75TH AVENUE  
MIAMI, FL. 33122  
TEL. (305) 392-6214 FAX. (786) 464-1582

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no	date	description
D	07.08.10	NO CHANGE THIS SHEET
E	06.29.11	GENERAL REVISION
F	10.21.11	NO CHANGE THIS SHEET
G	10.10.13	MANUF. NAME REV.

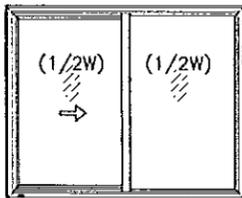
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date: 05-04-04  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

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drawing no.  
**W04-36**  
sheet 3 of 9

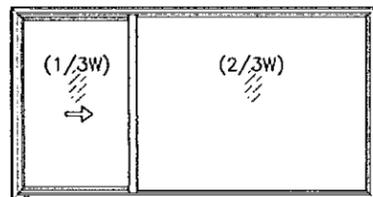
DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)			
WINDOW DIMS.		GLASS TYPES A, A1, B, B1 & C	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
26-1/2"	26"	80.0	80.0
37"		80.0	80.0
53-1/8"		80.0	80.0
26-1/2"	38-3/8"	80.0	80.0
37"		80.0	80.0
53-1/8"		80.0	80.0
26-1/2"	50-5/8"	80.0	80.0
37"		80.0	80.0
53-1/8"		80.0	80.0
26-1/2"	63"	80.0	80.0
37"		80.0	80.0
53-1/8"		80.0	80.0
78-1/2"		80.0	80.0
24"	24"	80.0	80.0
36"		80.0	80.0
48"		80.0	80.0
60"		80.0	80.0
72"		80.0	80.0
78-1/2"		80.0	80.0
24"	36"	80.0	80.0
36"		80.0	80.0
48"		80.0	80.0
60"		80.0	80.0
72"		80.0	80.0
78-1/2"		80.0	80.0
24"	48"	80.0	80.0
36"		80.0	80.0
48"		80.0	80.0
60"		80.0	80.0
72"		80.0	80.0
78-1/2"		80.0	80.0
24"	60"	80.0	80.0
36"		80.0	80.0
48"		80.0	80.0
60"		80.0	80.0
72"		80.0	80.0
78-1/2"		80.0	80.0
24"	65-1/2"	80.0	80.0
36"		80.0	80.0
48"		80.0	80.0
60"		80.0	80.0
72"		80.0	80.0
78-1/2"		80.0	80.0



OPERATING VENTS TO BE 1/2 OF THE WINDOW WIDTH

'XO OR OX'

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)			
WINDOW DIMS.		GLASS TYPES B, B1 & C	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
55-1/2"	26"	80.0	80.0
79-11/16"		80.0	80.0
55-1/2"	38-3/8"	80.0	80.0
79-11/16"		80.0	80.0
55-1/2"	50-5/8"	80.0	80.0
79-11/16"		80.0	80.0
55-1/2"	63"	80.0	80.0
79-11/16"		80.0	80.0
63"		80.0	80.0
67-1/2"	36"	80.0	80.0
72"		80.0	80.0
76-1/2"		80.0	80.0
81"		80.0	80.0
85-1/2"		80.0	80.0
90"		80.0	80.0
63"	48"	80.0	80.0
67-1/2"		80.0	80.0
72"		80.0	80.0
76-1/2"		80.0	80.0
81"		80.0	80.0
85-1/2"		80.0	80.0
90"	80.0	80.0	
63"	60"	80.0	80.0
67-1/2"		80.0	80.0
72"		80.0	80.0
76-1/2"		80.0	80.0
81"		80.0	80.0
85-1/2"		80.0	80.0
90"	80.0	80.0	
63"	65-1/2"	80.0	80.0
67-1/2"		80.0	80.0
72"		80.0	80.0
76-1/2"		80.0	80.0
81"		80.0	80.0
85-1/2"		80.0	80.0
90"	80.0	80.0	

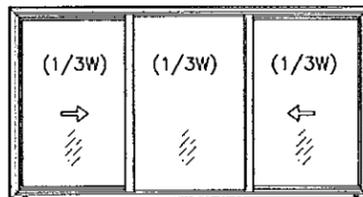


OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

'XO OR OX'

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-09 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

DESIGN LOAD CAPACITY - PSF (XOX SIZES)			
WINDOW DIMS.		GLASS TYPES A, A1, B, B1 & C	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
74"	26"	80.0	80.0
106-1/4"		80.0	80.0
74"	38-3/8"	80.0	80.0
106-1/4"		80.0	80.0
74"	50-5/8"	80.0	80.0
106-1/4"		80.0	80.0
74"	63"	80.0	80.0
106-1/4"		80.0	80.0
84"		80.0	80.0
90"	36"	80.0	80.0
96"		80.0	80.0
102"		80.0	80.0
108"		80.0	80.0
114"		80.0	80.0
120"		80.0	80.0
84"	48"	80.0	80.0
90"		80.0	80.0
96"		80.0	80.0
102"		80.0	80.0
108"		80.0	80.0
114"		80.0	80.0
120"	80.0	80.0	
84"	60"	80.0	80.0
90"		80.0	80.0
96"		80.0	80.0
102"		80.0	80.0
108"		80.0	80.0
114"		80.0	80.0
120"	80.0	80.0	
84"	65-1/2"	80.0	80.0
90"		80.0	80.0
96"		80.0	80.0
102"		80.0	80.0
108"		80.0	80.0
114"		80.0	80.0
119-1/4"	80.0	80.0	



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

'XOX'

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 13-1112.13  
Expiration Date 08/25/2019  
By *[Signature]*  
Miami Dade Product Control

FLANGE & FLUSH FRAME WINDOWS

DESIGN LOAD CAPACITY - PSF (XOX SIZES)			
WINDOW DIMS.		GLASS TYPES B, B1 & C	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
74"	26"	80.0	80.0
106-1/4"		80.0	80.0
74"	38-3/8"	80.0	80.0
106-1/4"		80.0	80.0
74"	50-5/8"	80.0	80.0
106-1/4"		80.0	80.0
74"	63"	80.0	80.0
106-1/4"		80.0	80.0
84"		80.0	80.0
90"	36"	80.0	80.0
96"		80.0	80.0
102"		80.0	80.0
108"		80.0	80.0
114"		80.0	80.0
120"		80.0	80.0
84"	48"	80.0	80.0
90"		80.0	80.0
96"		80.0	80.0
102"		80.0	80.0
108"		80.0	80.0
114"		80.0	80.0
120"	80.0	80.0	
84"	60"	80.0	80.0
90"		80.0	80.0
96"		80.0	80.0
102"		80.0	80.0
108"		80.0	80.0
114"		80.0	80.0
120"	80.0	80.0	
84"	65-1/2"	80.0	80.0
90"		80.0	80.0
96"		80.0	80.0
102"		80.0	80.0
108"		80.0	80.0
114"		80.0	80.0
119-1/4"	80.0	80.0	



OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

'XOX'

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
*[Signature]*  
OCT 25 2013

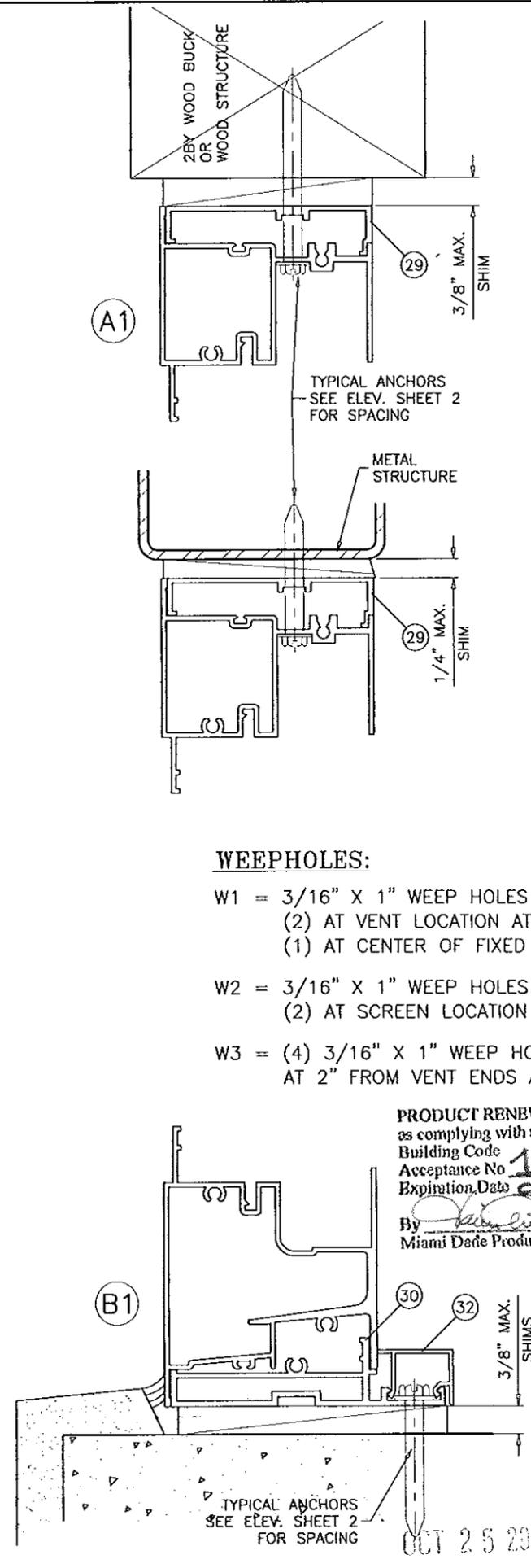
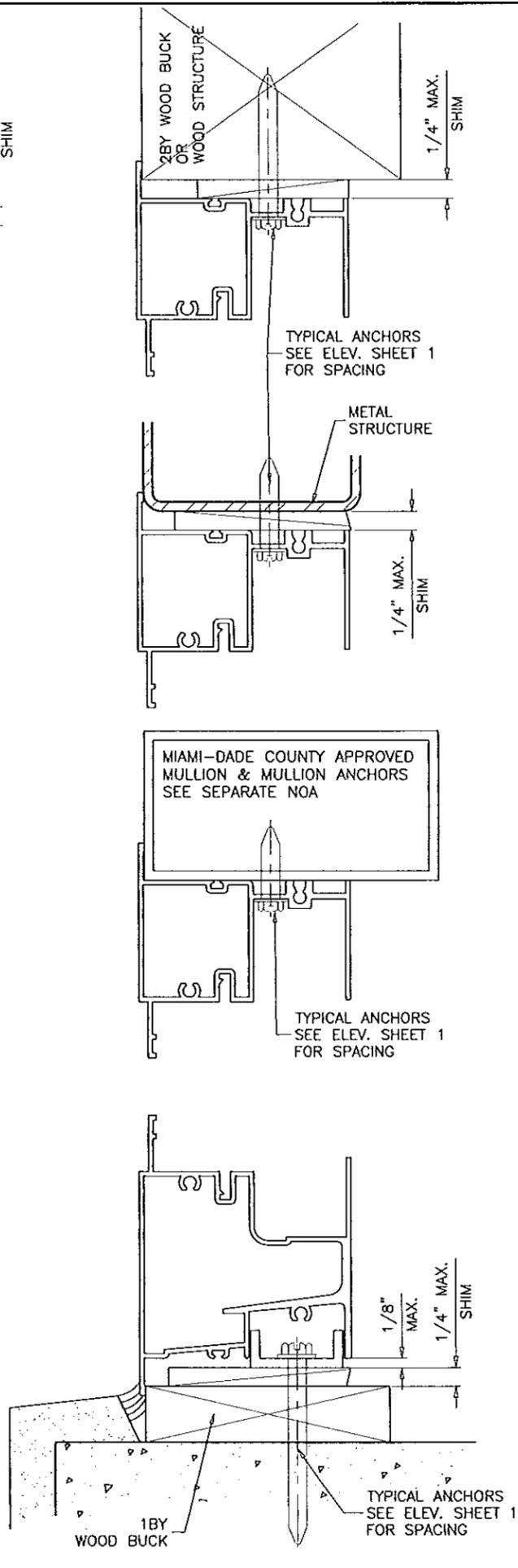
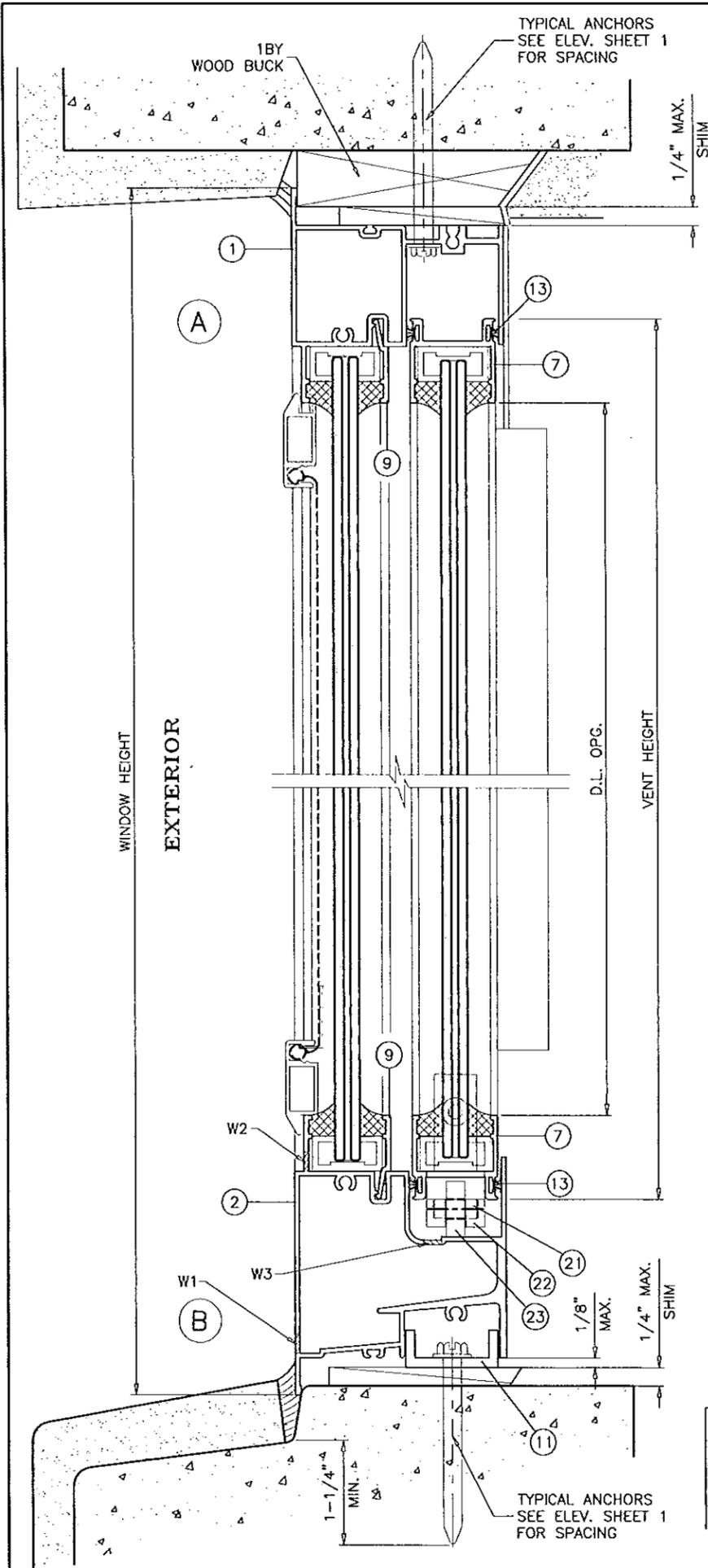
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**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 262-6978 FAX. (305) 262-6978  
COMP-ANL\W04-36RC

HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)  
**RC HOME SHOWCASE**  
2970 N.W. 75TH AVENUE  
MIAMI, FL. 33122  
TEL. (305) 392-6214 FAX. (786) 464-1582

no.	date	by	description
D	07.08.10		REV. PER BCCO COMMENTS
E	08.29.11		GENERAL REVISION
F	10.21.11		NO CHANGE THIS SHEET
G	10.10.13		MANUF. NAME REV.

date: 05-04-04  
scale: -  
dr. by: HAMID  
chk. by:

drawing no.  
**W04-36**  
sheet 4 of 9



**WEEPHOLES:**

- W1 = 3/16" X 1" WEEP HOLES WITH PLASTIC BAFFLE  
(2) AT VENT LOCATION AT 5" FROM VENT ENDS  
(1) AT CENTER OF FIXED LITE
- W2 = 3/16" X 1" WEEP HOLES  
(2) AT SCREEN LOCATION AT 2-1/2" FROM SCREEN ENDS
- W3 = (4) 3/16" X 1" WEEP HOLES AT VENTS  
AT 2" FROM VENT ENDS AND 19" O.C. MAX.

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. **13-1112.13**  
 Expiration Date **08/05/2019**  
 By *[Signature]*  
 Miami Dade Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
 OCT 25 2013

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
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HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)  
**RC HOME SHOWCASE**  
 2970 N.W. 75TH AVENUE  
 MIAMI, FL. 33122  
 TEL. (305) 392-6214 FAX. (786) 464-1582

no	date	by	description
D	07.08.10		NO CHANGE THIS SHEET
E	06.29.11		GENERAL REVISION
F	10.21.11		NO CHANGE THIS SHEET
G	10.10.13		MANUF. NAME REV.

date: 05-04-04  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W04-36**  
 sheet 5 of 9

WOOD BUCKS AND METAL STRUCTURE NOT BY RC HOME SHOWCASE MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

1/4" DIA. KWIK-CON II BY 'HILTI' (Fu=163 KSI, Fy=157 KSI)

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY

1-1/2" MIN. EMBED INTO CONC. OR MASONRY

**#14 SELF DRILLING SCREWS** (GRADE 5 CRS)

INTO MIAMI-DADE COUNTY APPR'D MULLIONS (.090" THK. MIN.)

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**

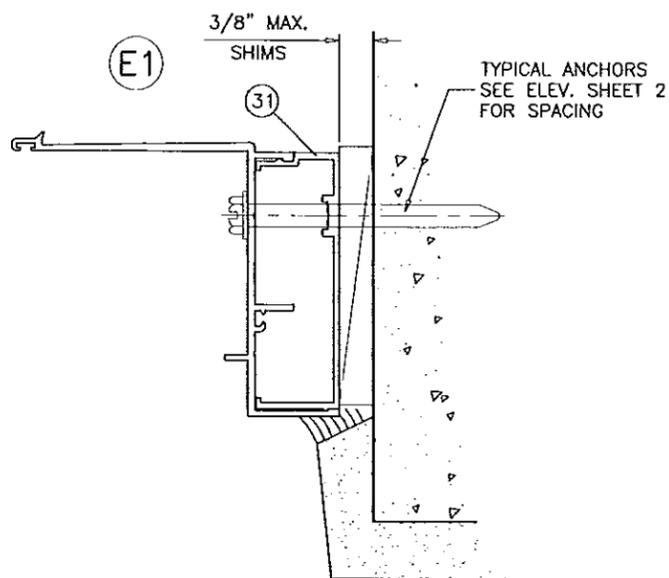
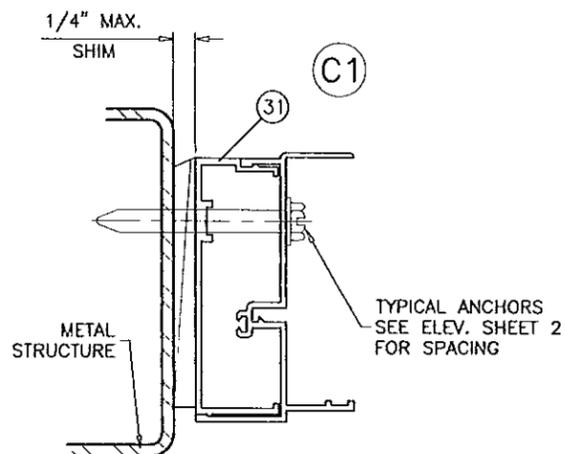
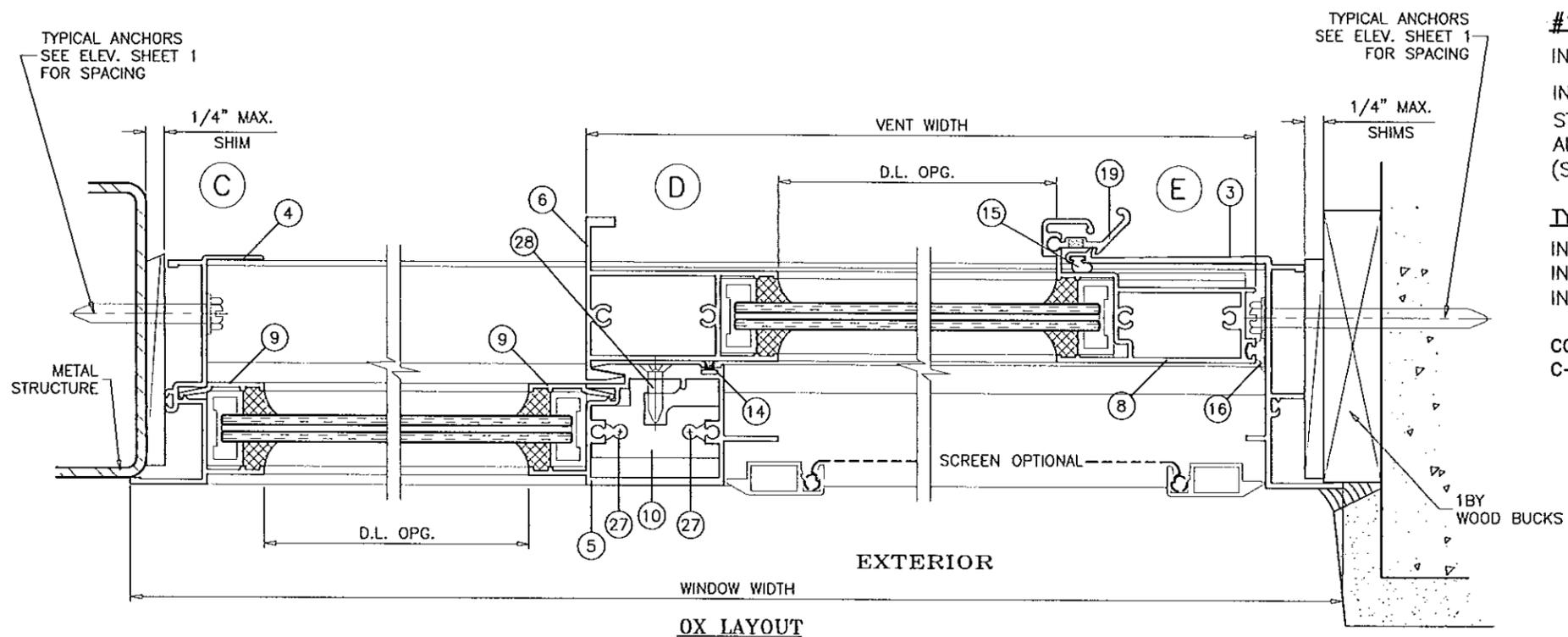
INTO CONCRETE AND MASONRY = 1-3/4" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



**PRODUCT RENEW**  
 as complying with the Florida  
 Building Code **13-1112.13**  
 Acceptance No  
 Expiration Date **08/25/2019**  
 By *[Signature]*  
 Miami Dade Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
*[Signature]*  
 OCT 25 2013

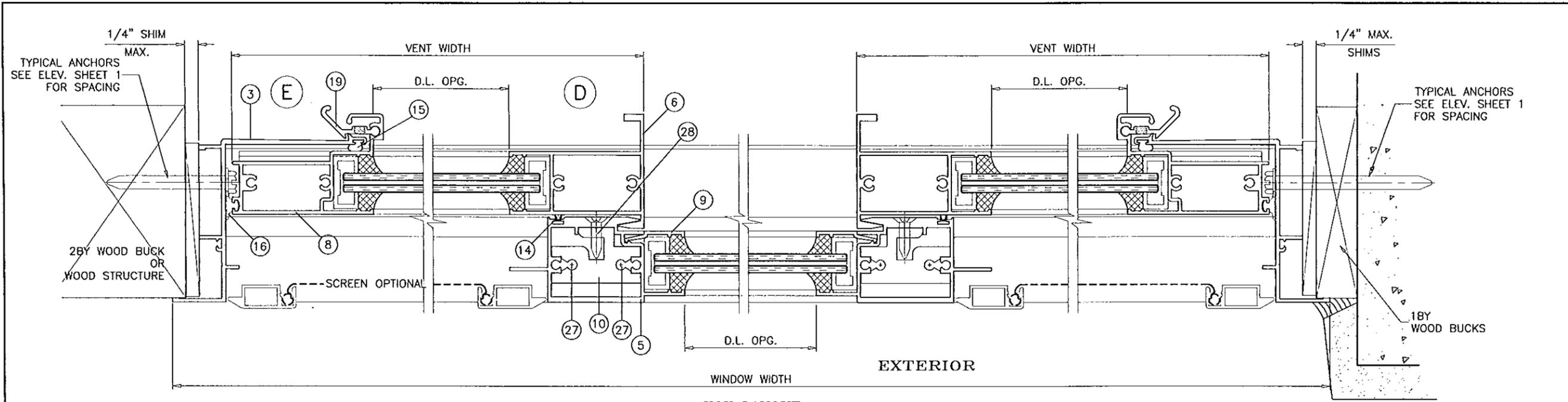
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**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL: (305) 264-8100 FAX: (305) 262-6978  
 COMP-ANL\W04-36RC

HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)  
**RC HOME SHOWCASE**  
 2970 N.W. 75TH AVENUE  
 MIAMI, FL. 33122  
 TEL: (305) 392-6214 FAX: (786) 464-1582

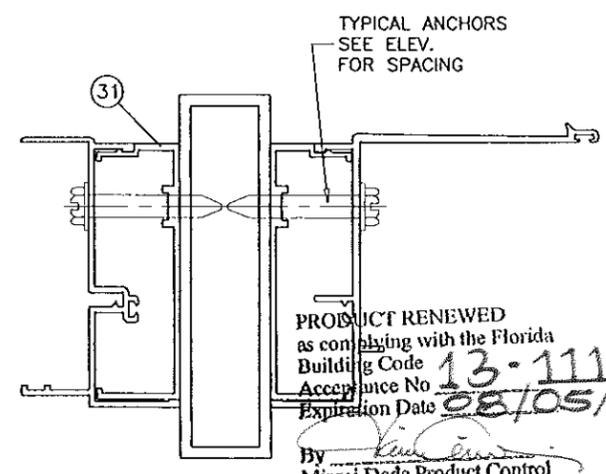
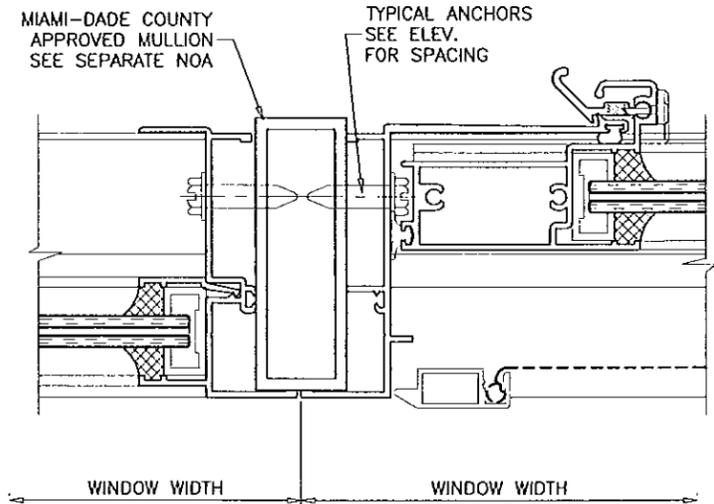
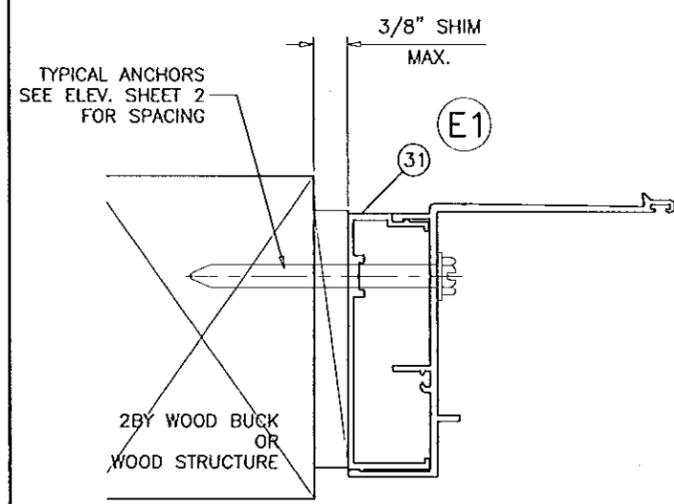
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E	06.29.11		GENERAL REVISION
F	10.21.11		NO CHANGE THIS SHEET
G	10.10.13		MANUF. NAME REV.

date: 05-04-04  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W04-36**  
 sheet 6 of 9



XOX LAYOUT



PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 13-1112.13  
 Expiration Date 08/05/2019  
 By *[Signature]*  
 Miami Dade Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
*[Signature]*  
 008 25 2013

**af c**

**AL-FAROOQ CORPORATION**  
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 MIAMI, FLORIDA 33174  
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HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)

**RC HOME SHOWCASE**  
 2970 N.W. 75TH AVENUE  
 MIAMI, FL. 33122  
 TEL. (305) 392-6214 FAX. (786) 464-1582

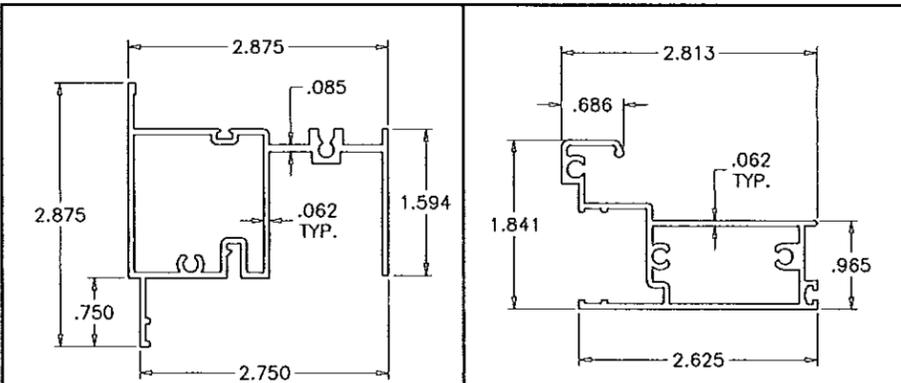
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F	10.21.11	NO CHANGE THIS SHEET
G	10.10.13	MANUF. NAME REV.

revisions:

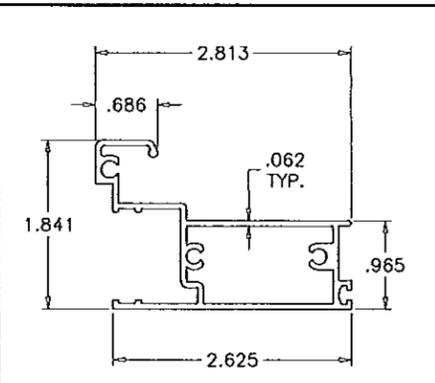
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 chk. by:

drawing no.  
**W04-36**

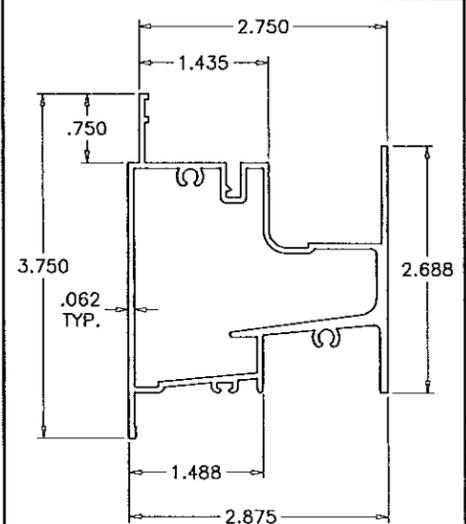
sheet 7 of 9



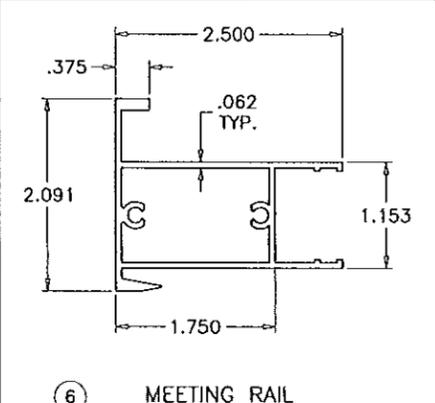
① FRAME HEAD



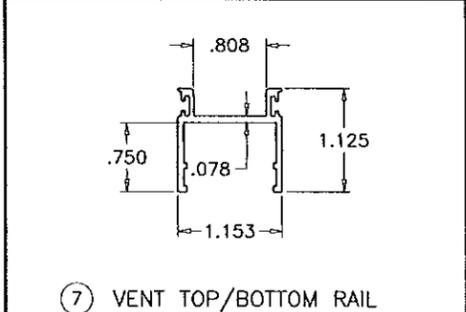
⑧ JAMB STILE



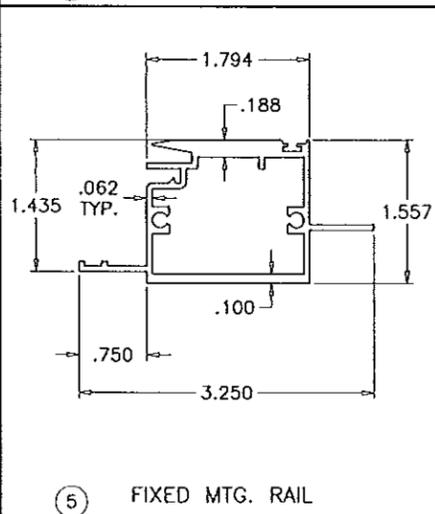
② FRAME SILL



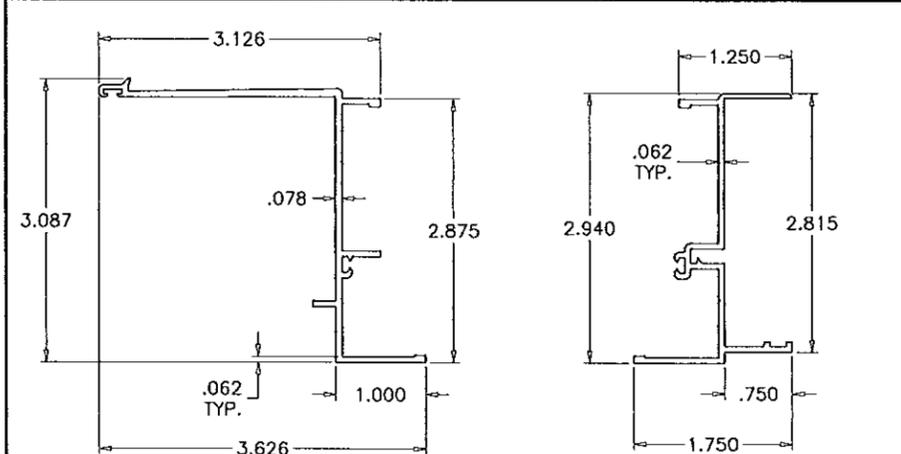
⑥ MEETING RAIL



⑦ VENT TOP/BOTTOM RAIL

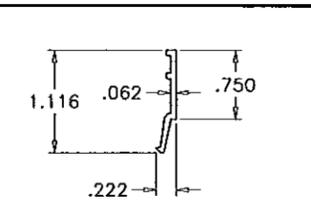


⑤ FIXED MTG. RAIL

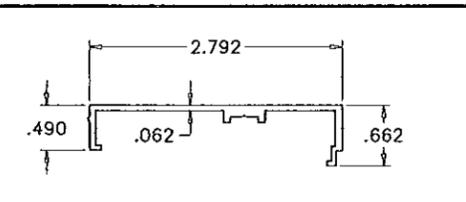


③ FRAME JAMB VENT

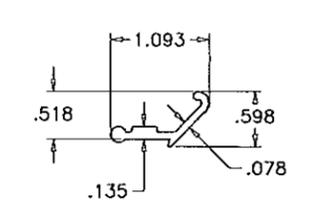
④ FRAME JAMB FIXED



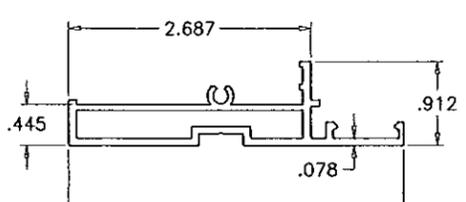
⑨ GLAZING BEAD



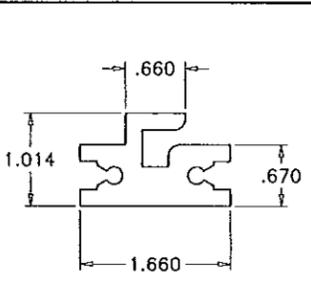
②⑨ FLUSH ADAPTER HEAD



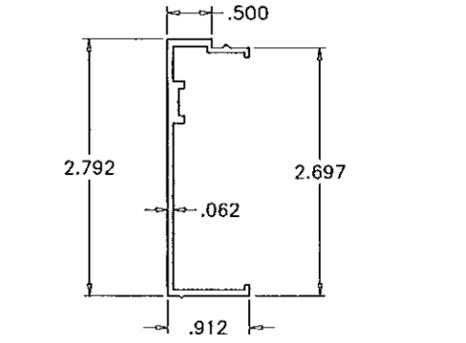
①⑨ VENT LATCH



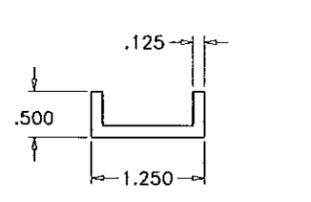
③⑩ FLUSH ADAPTER SILL



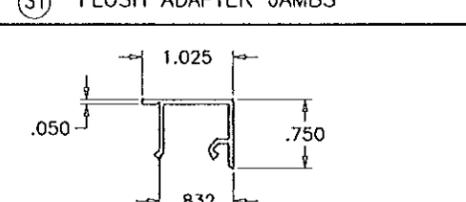
⑩ SLIDE ANCHOR CLIP



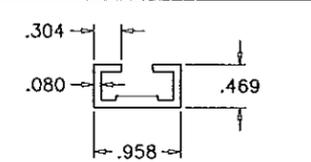
③① FLUSH ADAPTER JAMBS



①① ANCHOR CHANNEL



③② SNAP COVER



①⑦ GLAZING INSERT PVC

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. **13-1112.13**  
 Expiration Date **08/05/2019**  
 By *[Signature]*  
 Miami: Eade Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
*[Signature]*  
 OCT 25 2013

**afC**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W04-36RC

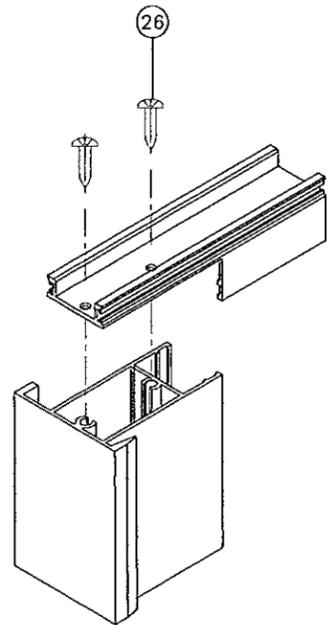
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HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)  
**RC HOME SHOWCASE**  
 2970 N.W. 75TH AVENUE  
 MIAMI, FL. 33122  
 TEL. (305) 392-6214 FAX. (786) 464-1582

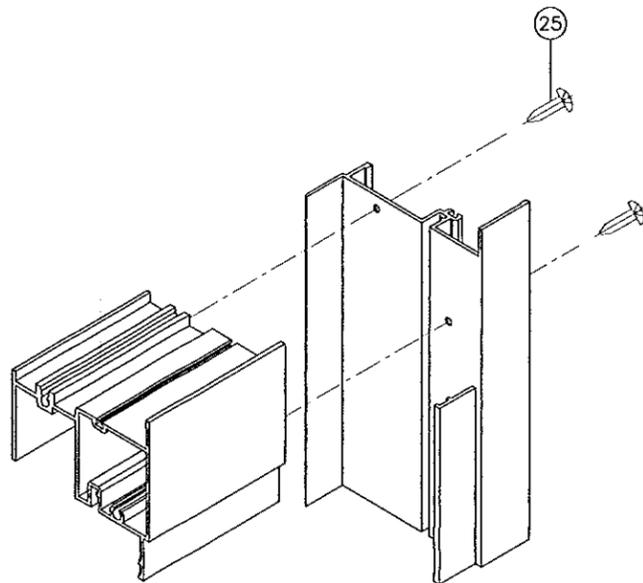
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E	08.29.11	GENERAL REVISION	
F	10.21.11	NO CHANGE THIS SHEET	
G	10.10.13	MANUF. NAME REV.	

date: 05-04-04  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

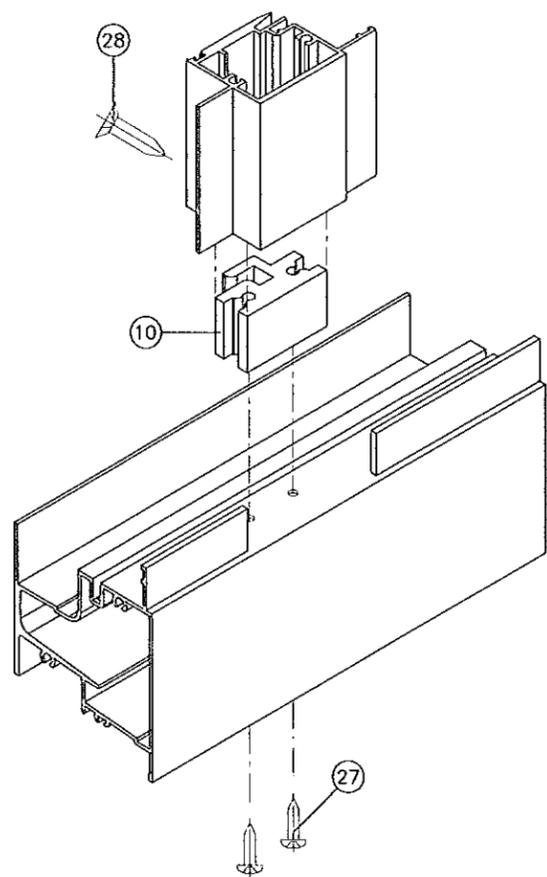
drawing no.  
**W04-36**  
 sheet 8 of 9



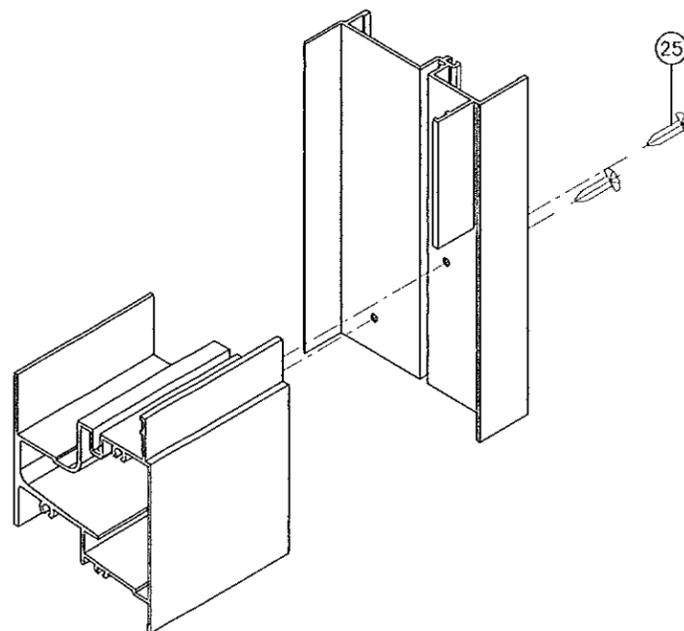
VENT TOP/BOTTOM CORNERS



FRAME TOP CORNER



FIXED MTG. RAIL CORNER



FRAME BOTTOM CORNER

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 13-1112.13  
 Expiration Date 08/05/2019  
 By *[Signature]*  
 Miami Dade Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
*[Signature]*  
 OCT 25 2013

**afc**

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
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 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W04-36RC

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HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)

**RC HOME SHOWCASE**  
 2970 N.W. 75TH AVENUE  
 MIAMI, FL. 33122  
 TEL. (305) 392-6214 FAX. (786) 464-1582

no	date	by	description
D	07.08.10	REV. PER BCCO COMMENTS	
E	06.29.11	GENERAL REVISION	
F	10.21.11	NO CHANGE THIS SHEET	
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date: 05-04-04  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W04-36**

sheet 9 of 9