



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

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

RC Home Showcase, Inc.
 2970 NW 75th 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 Wdw. (L.M.I.)", sheets 1 through 9 of 9, dated 05/04/04, with revision J dated 12/09/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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 No. 13-1112.13 and consists of this page 1 and evidence pages E-1, E-2, E-3 and 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 Manuel Perez, P.E.



Handwritten signature and date: 1/14/16

NOA No. 15-0416.03
 Expiration Date: August 05, 2019
 Approval Date: January 14, 2016
 Page 1

RC Home Showcase, Inc.

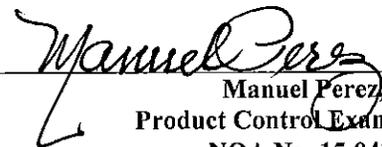
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 11-0922.05)
2. Drawing No. **W04-36**, titled "HR100 Alum. Horiz. Sliding Wdw. (L.M.I.)", sheets 1 through 9 of 9, dated 05/04/04, with revision **J** dated 12/09/15, 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 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) 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 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. **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 NOA No. 06-1130.02)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0416.03

Expiration Date: August 05, 2019
Approval Date: January 14, 2016

RC Home Showcase, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (CONTINUED)

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 NOA No. 06-1130.02)*
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 NOA No. 06-1130.02)*

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 04/01/15 and 12/07/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** for their "**Butacite® PVB Glass Interlayer**" dated 04/25/15, expiring on 12/11/16.
2. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 06/25/15, expiring on 07/04/18.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 15-0416.03
Expiration Date: August 05, 2019
Approval Date: January 14, 2016

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)**, and of no financial interest, dated April 1, 2015, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. 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 NOA No. 11-0922.07)*
3. 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 NOA No. 10-0426.10)*
4. Laboratory compliance letters for Test Reports No. **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 s NOA No. 06-1130.02)*

G. OTHERS

1. Notice of Acceptance No. **13-1112.13**, issued to RC Home Showcase, Inc. for their Series "**HR100 Aluminum Horizontal Sliding Window – L.M.I.**", approved on 12/26/13 and expiring on 08/05/19.
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 1 through 7 of 7, dated 11/16/09, signed by Richard A. McVicker III, Simulator, and Steven H. Coble, NFRC Accredited Simulator, Simulator-In-Responsible-Charge.


Manuel Perez, P.E.
Product Control Examiner

NOA No. 15-0416.03

Expiration Date: August 05, 2019

Approval Date: January 14, 2016

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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-110-12450-1**, pages 1 through 4 of 4, dated 11/30/09, 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



Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0416.03

Expiration Date: August 05, 2019
Approval Date: January 14, 2016

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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.

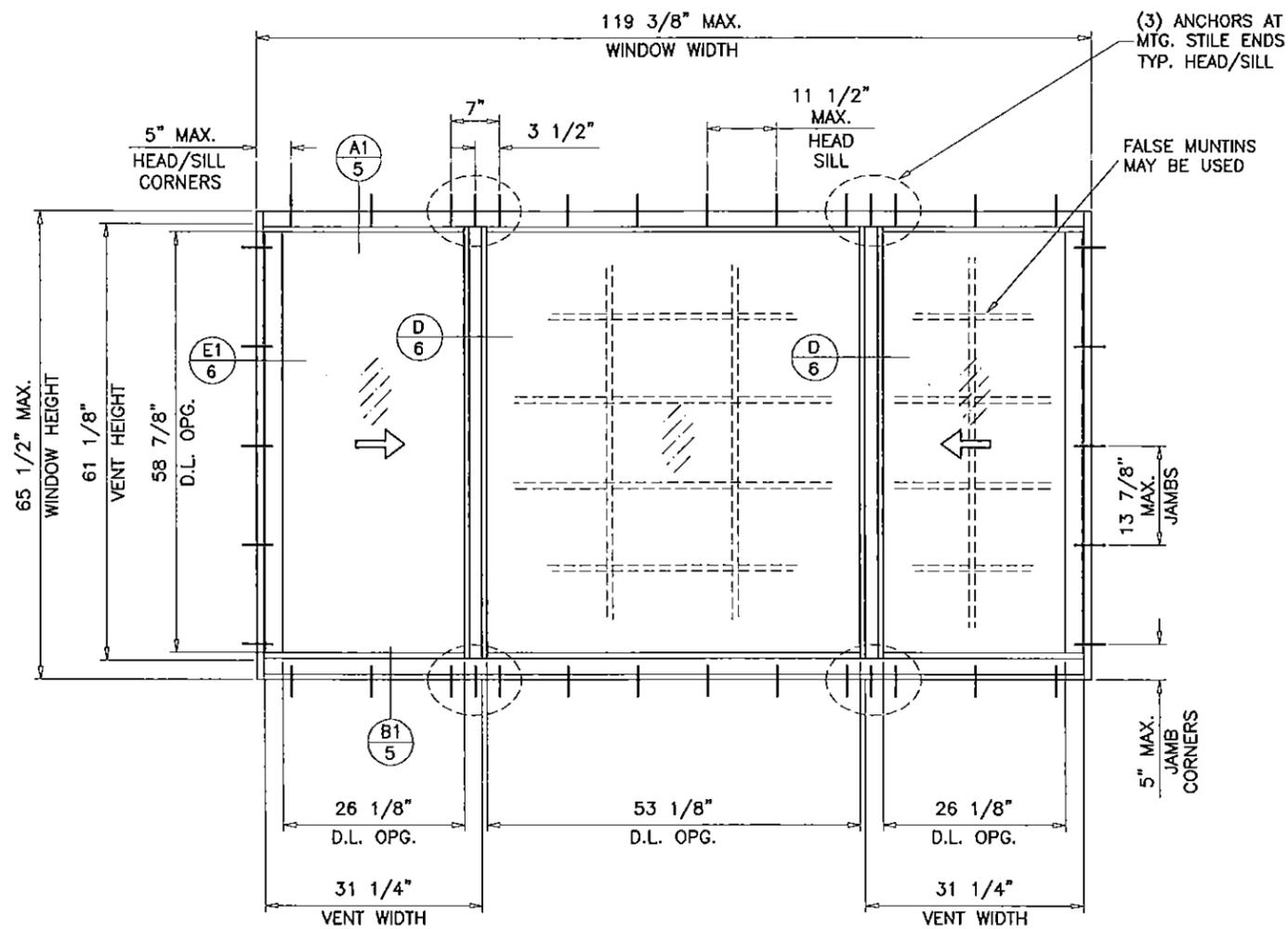
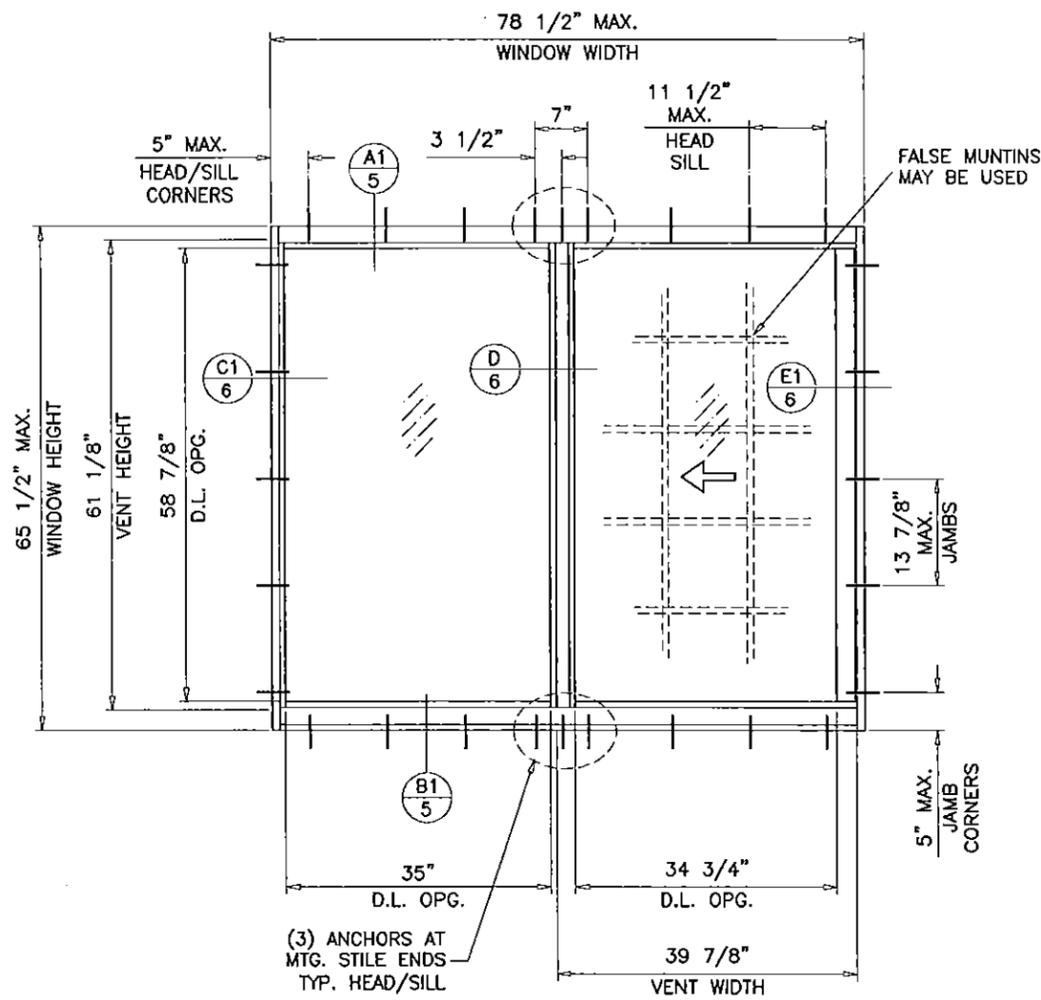
G.4 – RECYCLED CONTENT / BIO-BASED MATERIAL / RAPIDLY RENEWABLE MATERIAL				
<u>Component Name</u>	<u>% Recycled Content at Manuf.</u>	<u>% Recycled at Disposal</u>	<u>% Bio-based Material</u>	<u>% Renewable Material</u>
1. Window Aluminum	30%	100%	N/A	N/A

G.8 – U-FACTOR (THERMAL TRANSMITTANCE) BTU/ HR-FT²-°F							
G.9 – SHGC-FACTOR (SOLAR HEAT GAIN COEFFICIENT) BTU/ HR-FT²							
VT – VISIBLE LIGHT TRANSMITTANCE AT NORMAL INCIDENCE							
CR – CONDENSATION RESISTANCE							
<u>ID#</u>	<u>Test Report#:</u>	<u>Product Number</u>	<u>Glazing Components:</u>	<u>G.8: U-Factor</u>	<u>G.9: SHGC</u>	<u>VT</u>	<u>C R</u>
	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

<u>Legend</u>	
<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

G.10 – C-FACTOR (THERMAL CONDUCTANCE) BTU/ HR-FT²-°F	
<u>Component Name</u>	<u>C-Value</u>
1. Whole Window	1.53


 Manuel Perez, P.E.
 Product Control/Examiner
 NOA No. 15-0416.03
 Expiration Date: August 05, 2019
 Approval Date: January 14, 2016



TYPICAL ELEVATIONS

FLUSH FRAME WINDOWS

afc
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W04-36RC

HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)
RC Home Showcase, Inc.
 16115 NW 52nd Ave.
 Miami, FL 33014
 TEL. (305) 392-6214 FAX. (305) 260-6432

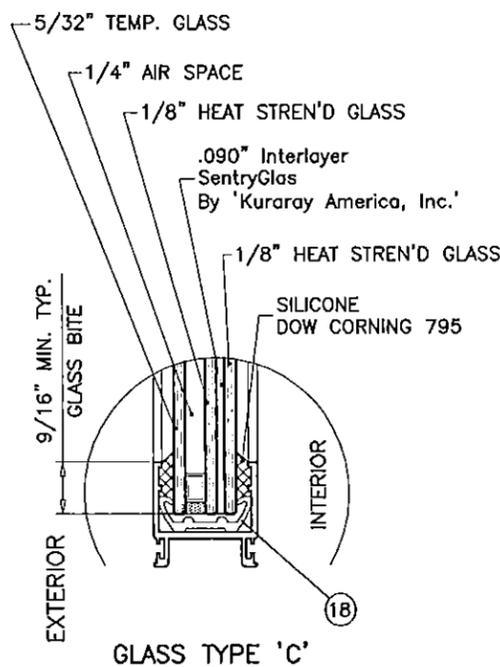
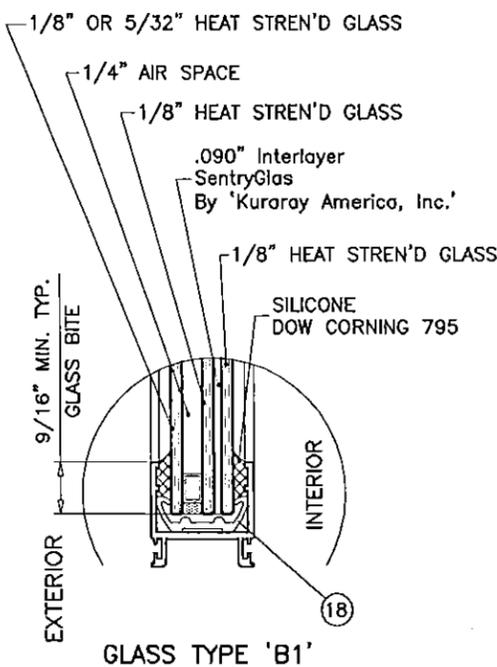
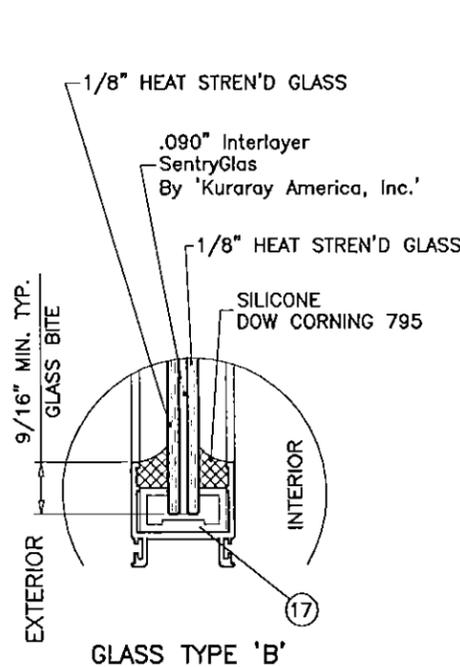
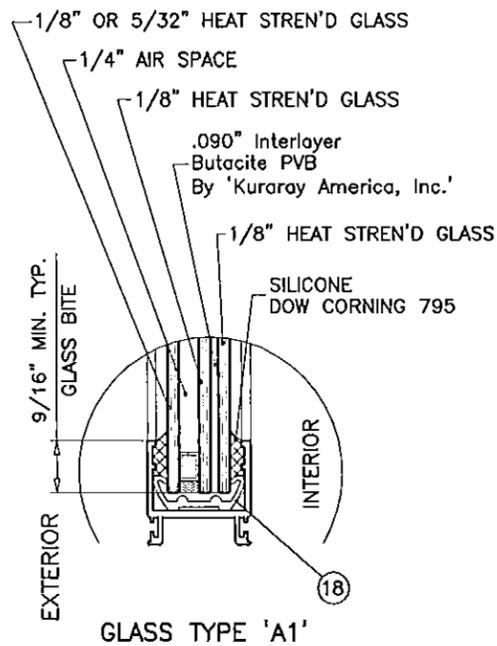
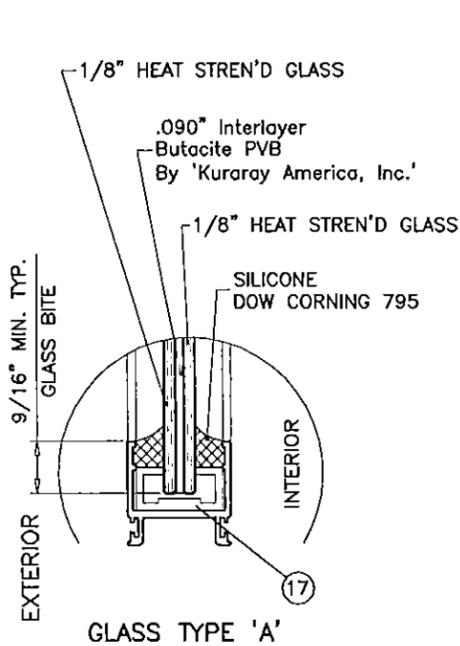
no	date	description	by
F	10.21.11	NO CHANGE THIS SHEET	
G	10.10.13	MANUF. NAME REV.	
H	04.10.15	UPDATED TO 2014 FBC	
I	08.11.15	REV. PER PER COMMENTS	
J	12.09.15	REV. PER PER COMMENTS	

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 DEC 16 2015

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 15-0416.03
 Expiration Date Aug 5, 2019
 By: *Muhammad Pervez*
 Miami Dade Product Control

date: 05-04-04
 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:
 drawing no.
W04-36
 sheet 2 of 9

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, DUROMETER 75±5 SHORE A
18	V-055	1	VINYL LAM. INSUL. GLASS	PVC	DUROMETER 75±5 SHORE A
19	P-035B	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	-



GLAZING OPTIONS

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.

Engr: JAVAD AHMAD
CML
FLA. PE # 70592
C.A.N. 3538
DEC 16 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0416.03
Expiration Date Aug. 5, 2019
By *Manuel*
Miami Dade Product Control

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W04-36RC

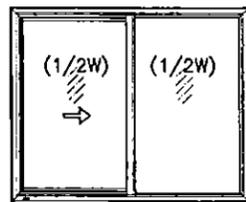
HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)
RC Home Showcase, Inc.
16115 NW 52nd Ave.
Miami, FL 33014
TEL (305) 392-6214 FAX. (305) 260-6432

no	date	description
F	10.21.11	NO CHANGE THIS SHEET
G	10.10.13	MANUF. NAME REV.
H	04.10.15	UPDATED TO 2014 FBC
I	08.11.15	REV. PER PER COMMENTS
J	12.09.15	REV. PER PER COMMENTS

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

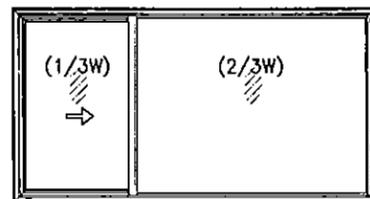
drawing no.
W04-36
sheet 3 of 9

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'

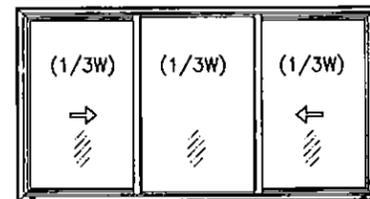
DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)			
WINDOW DIMS.		GLASS TYPES B, B1 & C	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
55-1/2"	26"	80.0	80.0
79-11/16"		80.0	80.0
55-1/2"	38-3/8"	80.0	80.0
79-11/16"		80.0	80.0
55-1/2"	50-5/8"	80.0	80.0
79-11/16"		80.0	80.0
55-1/2"	63"	80.0	80.0
79-11/16"		80.0	80.0
78-1/2"		80.0	80.0
63"	36"	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"	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"		80.0	80.0
96"	36"	80.0	80.0
102"		80.0	80.0
108"		80.0	80.0
114"		80.0	80.0
120"	48"	80.0	80.0
84"		80.0	80.0
90"		80.0	80.0
96"		80.0	80.0
102"	60"	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 *	

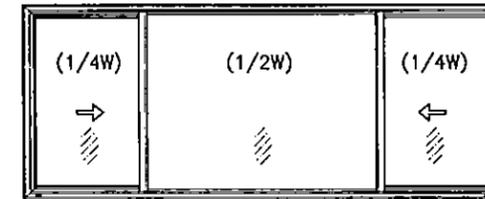


OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH
'XOX'

* (4) ANCHORS AT MTG. STILE ENDS
FRAME HEAD OF FLANGE FRAME WINDOWS ONLY

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"		80.0	80.0
96"	36"	80.0	80.0
102"		80.0	80.0
108"		80.0	80.0
114"		80.0	80.0
120"	48"	80.0	80.0
84"		80.0	80.0
90"		80.0	80.0
96"		80.0	80.0
102"	60"	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

DEC 16 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0416.03
Expiration Date Aug 5, 2019

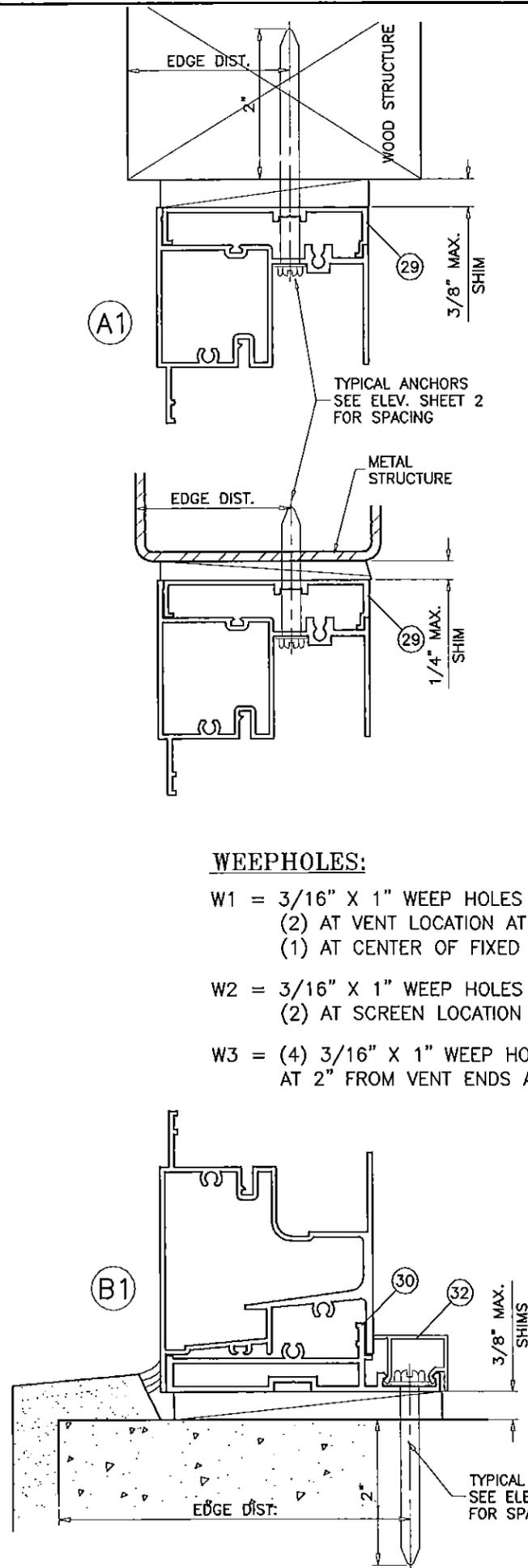
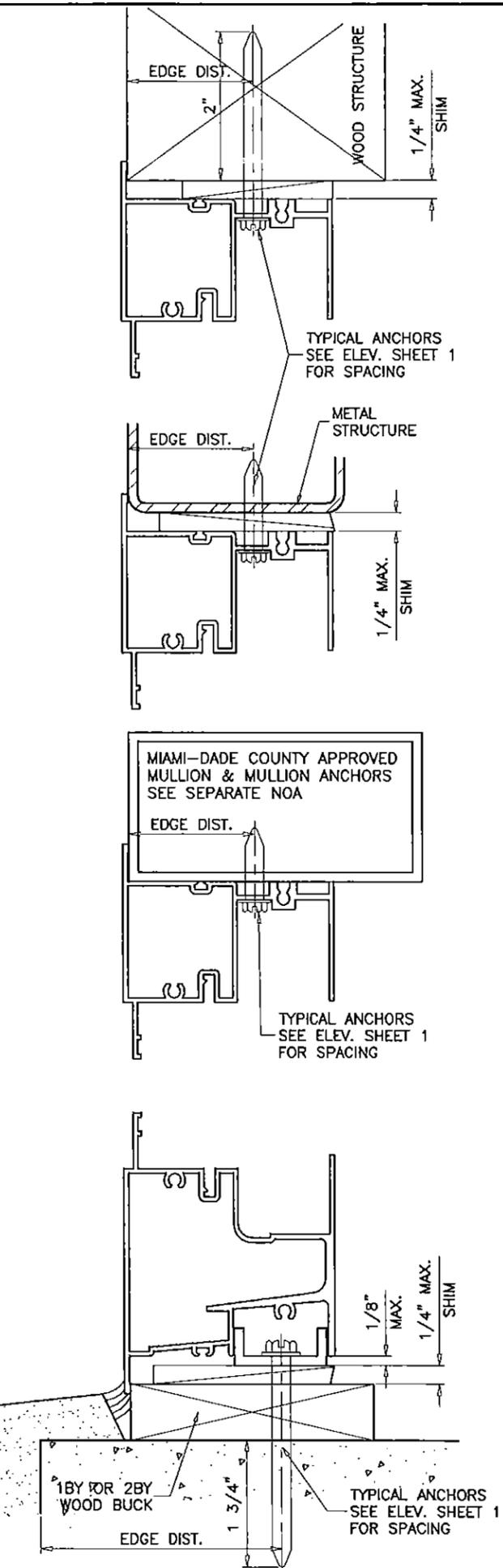
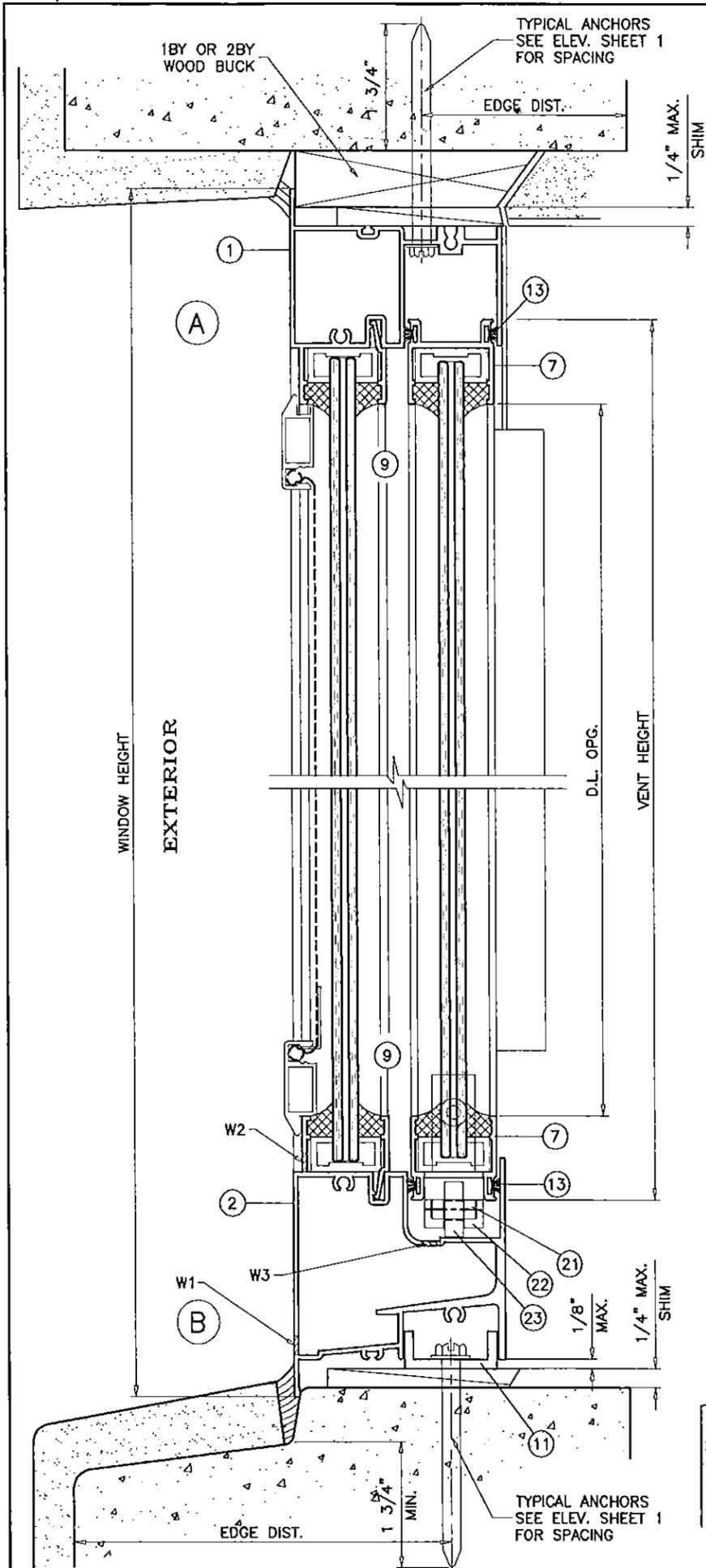
By *Manuel Perez*
Miami Dade Product Control

afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W04-36RC

HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)
RC Home Showcase, Inc.
16115 NW 52nd Ave.
Miami, FL 33014
TEL. (305) 392-6214 FAX. (305) 260-6432

no.	date	by	description
F	10.21.11		NO CHANGE THIS SHEET
G	10.10.13		MANUF. NAME REV.
H	04.10.15		NO CHANGE THIS SHEET
I	08.11.15		REV PER PER COMMENTS
J	12.09.15		REV. PER PER COMMENTS

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 REVISED
as complying with the Florida
Building Code
Acceptance No **15-0416.03**
Expiration Date **Aug. 5, 2019**
By *Manuel Perez*
Miami/Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
DEC 18 2015

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W04-36RC

HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)
RC Home Showcase, Inc.
16115 NW 52nd Ave.
Miami, FL 33014
TEL. (305) 392-6214 FAX. (305) 260-6432

no	date	description	by
F	10.21.11	NO CHANGE THIS SHEET	
G	10.10.13	MANUF. NAME REV.	
H	04.10.15	UPDATED TO 2014 FBC	
I	08.11.15	REV. PER PER COMMENTS	
J	12.09.15	REV. PER PER COMMENTS	

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. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

1/4" HILTI KWIK-CON II (Fu=138 KSI, Fy=137 KSI)

INTO WOOD STRUCTURES

2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY OR 2 BY BUCKS INTO CONC. OR MASONRY

1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

1-3/4" MIN. EMBED INTO MASONRY (JAMBS)

DIRECTLY INTO CONC. OR MASONRY

2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

2" MIN. EMBED INTO FILLED BLOCKS (JAMBS)

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

INTO METAL STRUCTURES

STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)

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

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

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK.= 1/8")

(NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

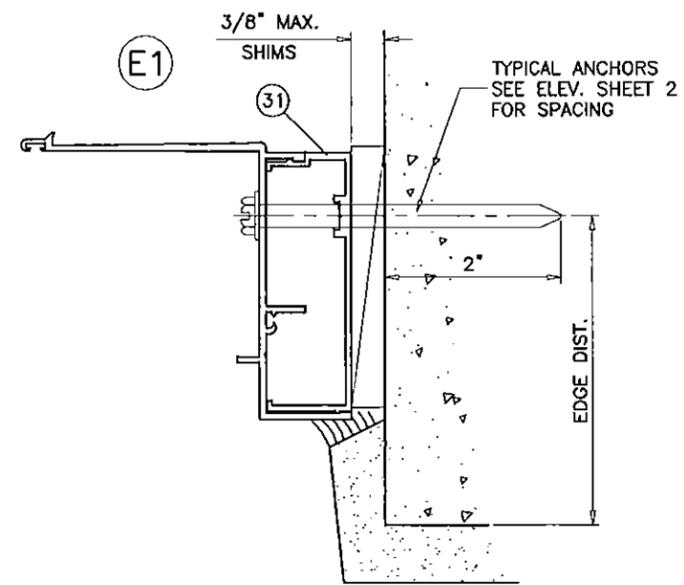
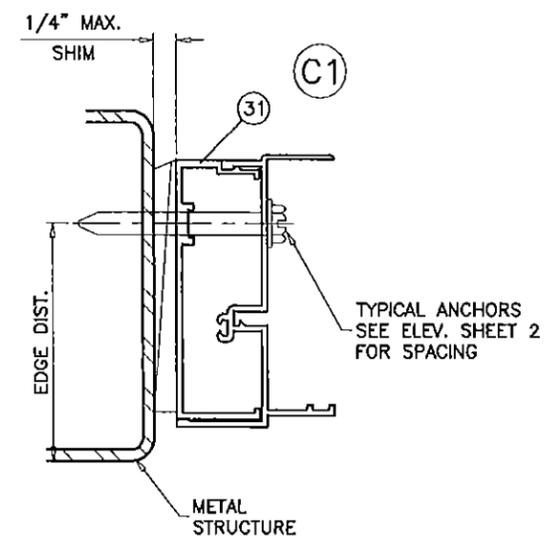
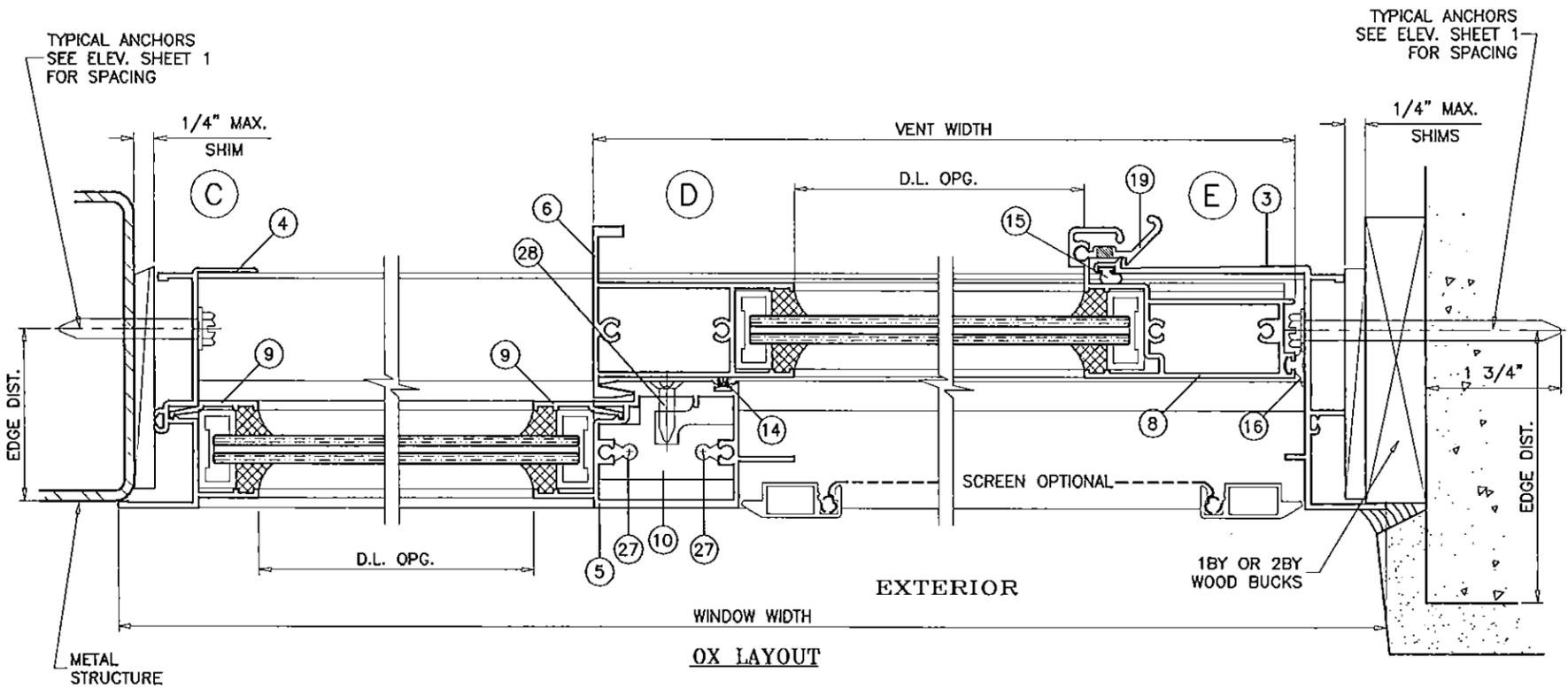
INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

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

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



Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 DEC 15 2015

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 15-0416-03
 Expiration Date Aug. 5, 2019
 By: *Manuel Perez*
 Miami Dade Product Control

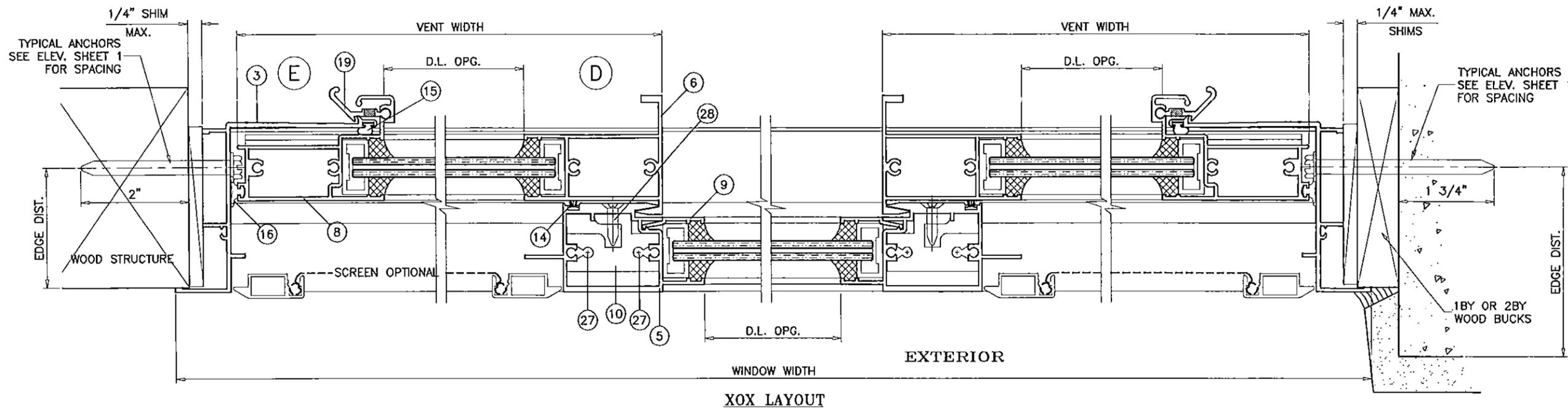
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W04-36RC

HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)
RC Home Showcase, Inc.
 16115 NW 52nd Ave.
 Miami, FL. 33014
 TEL. (305) 392-6214 FAX. (305) 260-6432

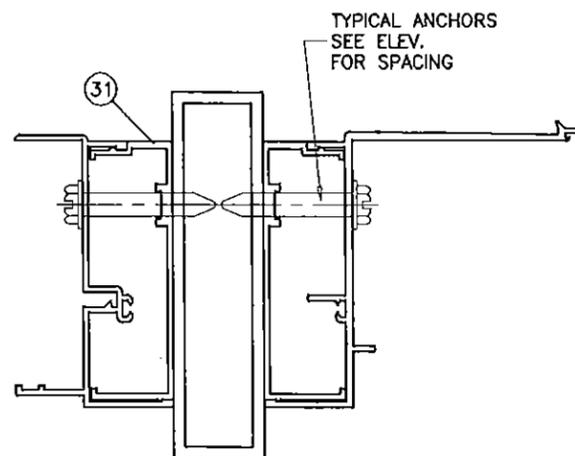
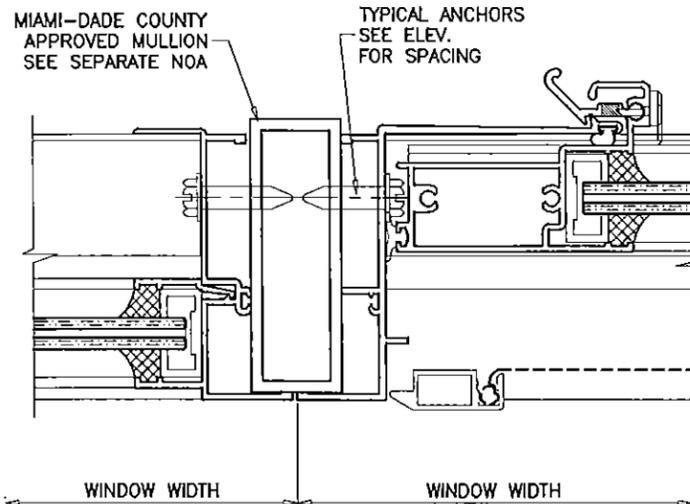
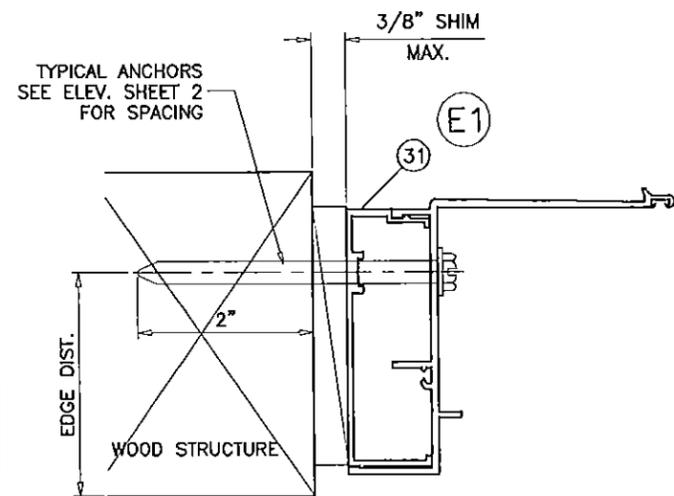
no	date	description	by
F	10.21.11	NO CHANGE THIS SHEET	
G	10.10.13	MANUF. NAME REV.	
H	04.10.15	UPDATED TO 2014 FBC	
I	08.11.15	REV. PER PER COMMENTS	
J	12.09.15	REV. PER PER COMMENTS	

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

drawing no.
W04-36
 sheet 6 of 9



XOX LAYOUT



af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W04-36RC

HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)
RC Home Showcase, Inc.
 16115 NW 52nd Ave.
 Miami, FL 33014
 TEL. (305) 392-6214 FAX. (305) 260-6432

no	date	description	by
F	10.21.11	NO CHANGE THIS SHEET	
G	10.10.13	MANUF. NAME REV.	
H	04.10.15	UPDATED TO 2014 FBC	
I	08.11.15	REV. PER PER COMMENTS	
J	12.09.15	REV. PER PER COMMENTS	

Engr: JAVAD AHMAD
 CML
 FLA. PE # 70592
 C.A.N. 3538

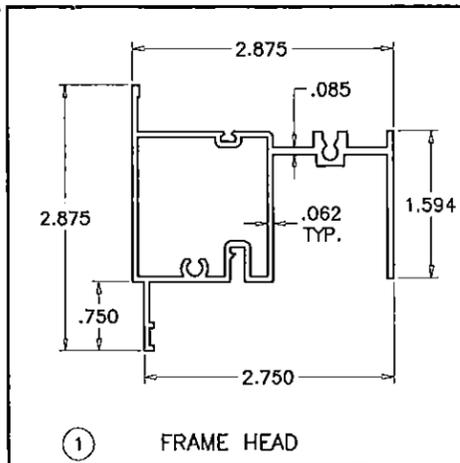
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **15-0416.03**
 Expiration Date **Aug. 5, 2019**

By *Muhammad Fiaz*
 Miami Dade Product Control

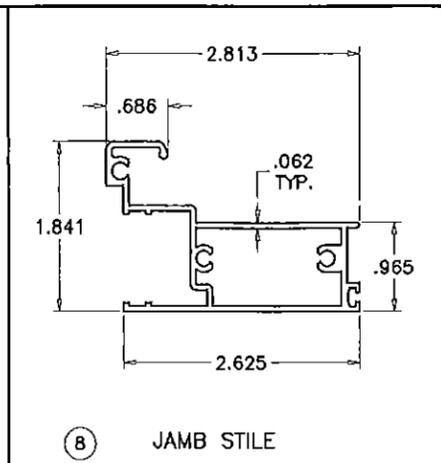
DEC 6 2015

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

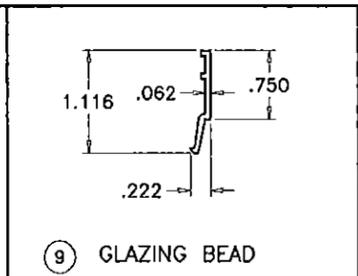
drawing no.
W04-36
 sheet 7 of 9



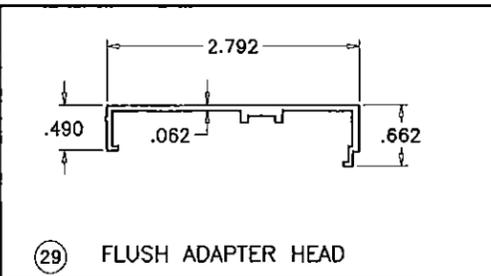
① FRAME HEAD



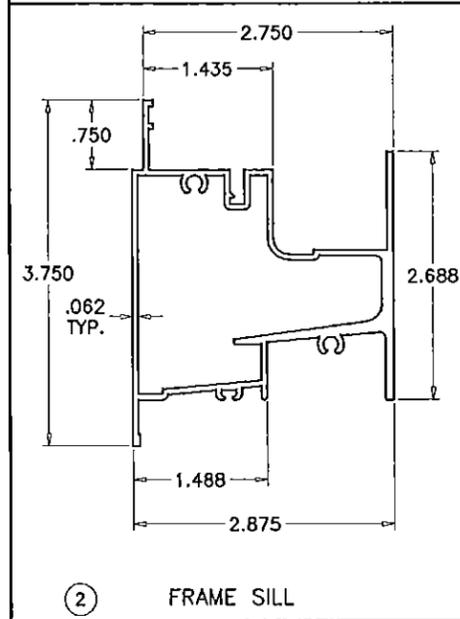
⑧ JAMB STILE



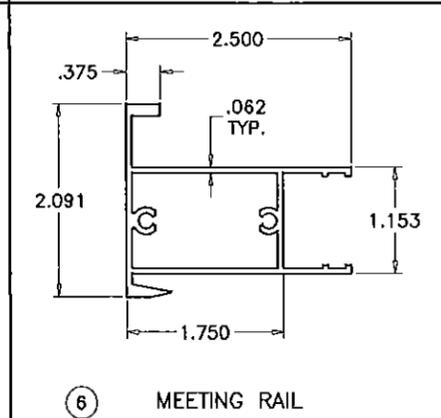
⑨ GLAZING BEAD



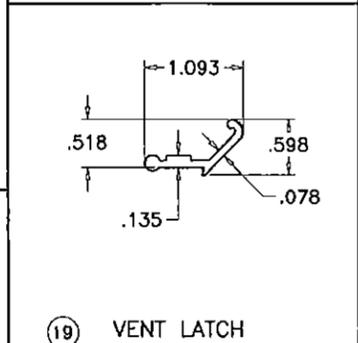
②⑨ FLUSH ADAPTER HEAD



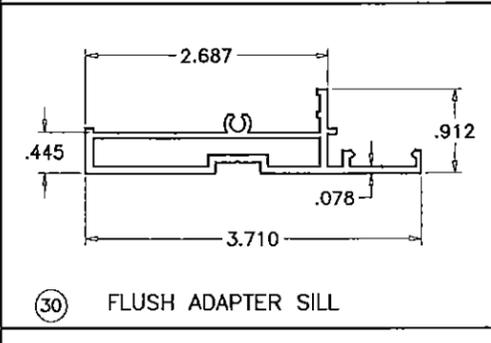
② FRAME SILL



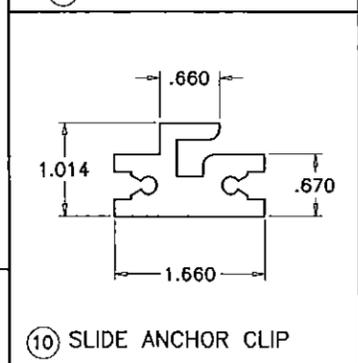
⑥ MEETING RAIL



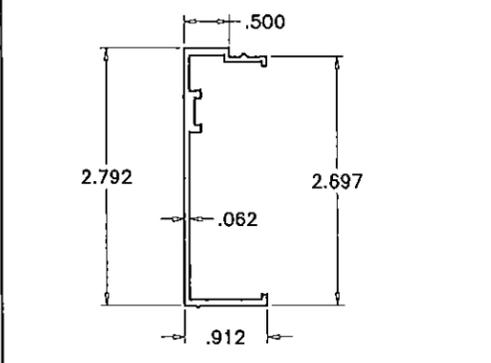
①⑨ VENT LATCH



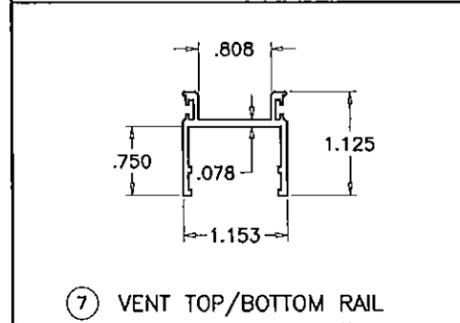
③⑩ FLUSH ADAPTER SILL



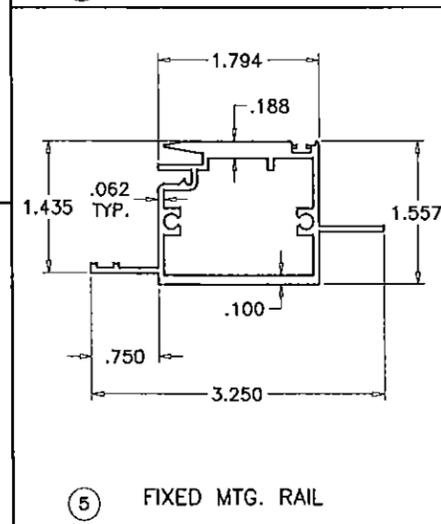
⑩ SLIDE ANCHOR CLIP



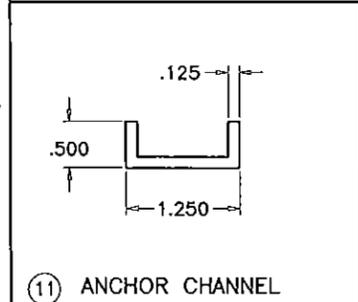
③① FLUSH ADAPTER JAMBS



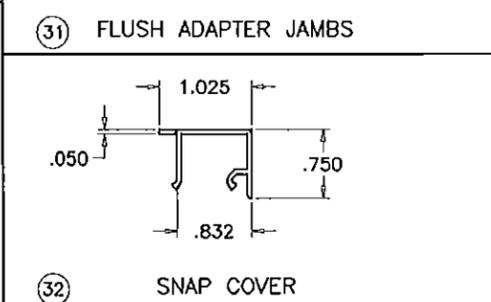
⑦ VENT TOP/BOTTOM RAIL



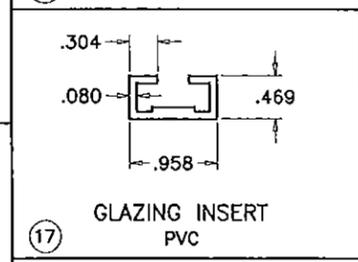
⑤ FIXED MTG. RAIL



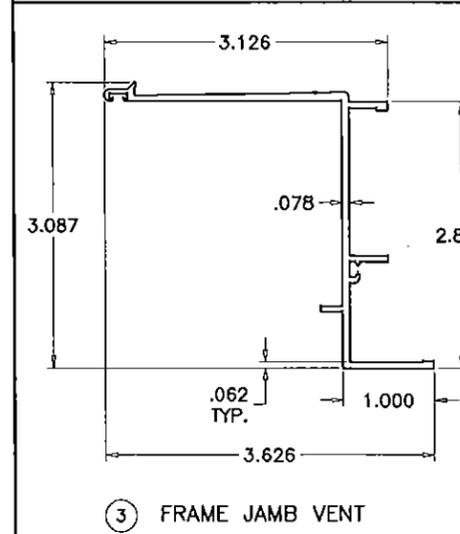
①① ANCHOR CHANNEL



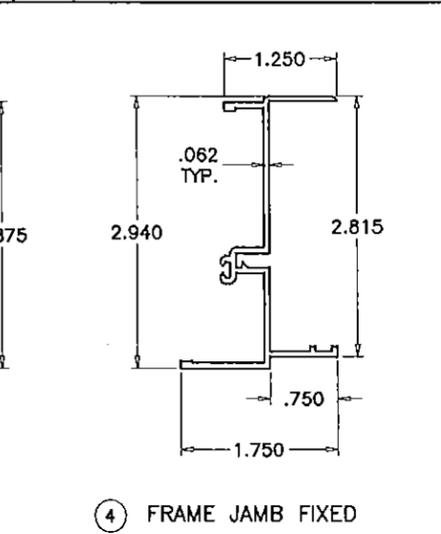
③② SNAP COVER



①⑦ GLAZING INSERT PVC



③ FRAME JAMB VENT



④ FRAME JAMB FIXED

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 DEC 18 2015

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 15-046-03
 Expiration Date Aug. 5, 2019
 By *Manuel Lopez*
 Miami Dade Product Control

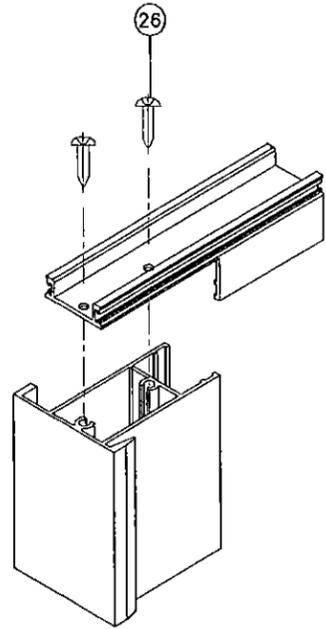
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W04--36RC

HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)
 RC Home Showcase, Inc.
 16115 NW 52nd Ave.
 Miami, FL. 33014
 TEL. (305) 392-6214 FAX. (305) 260-6432

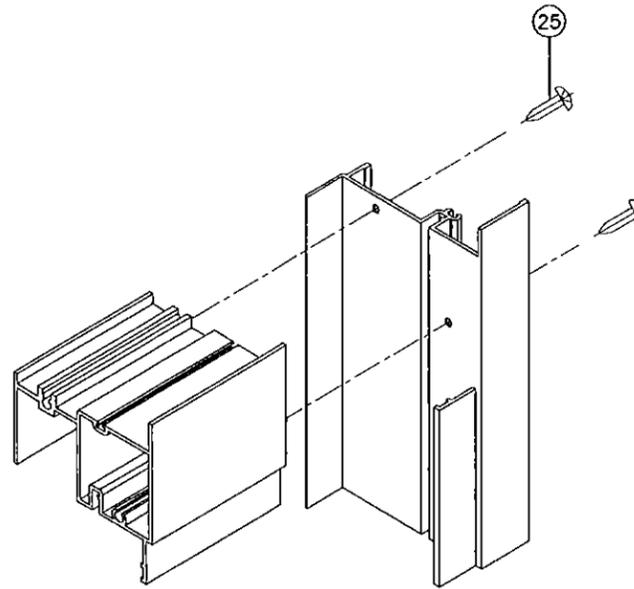
no	date	description	BY
F	10.21.11	NO CHANGE THIS SHEET	
G	10.10.13	MANUF. NAME REV.	
H	04.10.15	NO CHANGE THIS SHEET	
I	08.11.15	NO CHANGE THIS SHEET	
J	12.09.15	REV. PER PER COMMENTS	

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

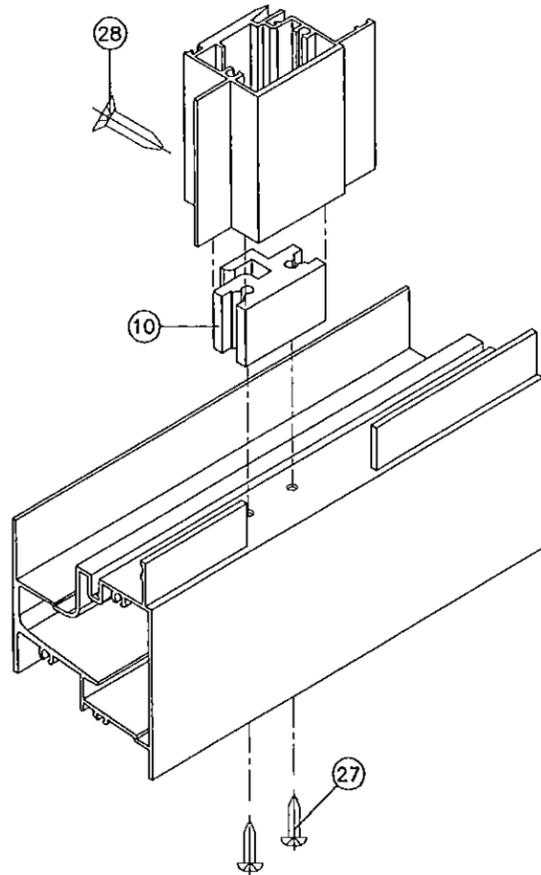
drawing no.
W04-36
 sheet 8 of 9



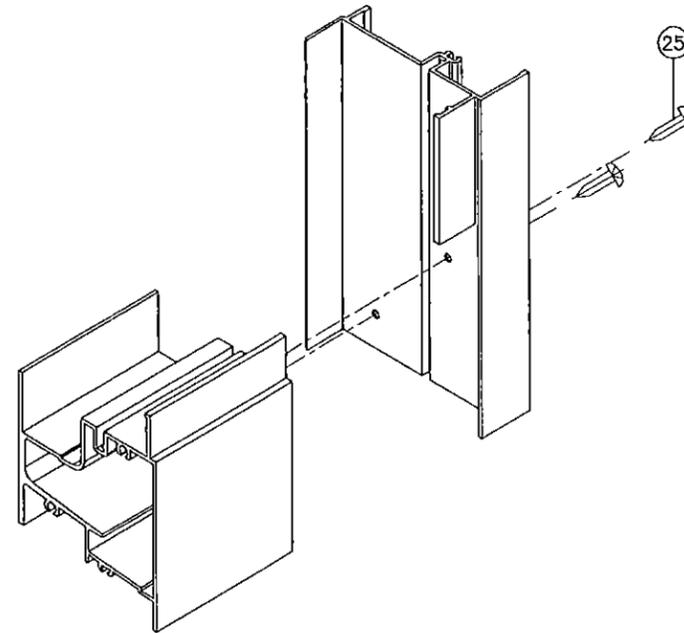
VENT TOP/BOTTOM CORNERS



FRAME TOP CORNER



FIXED MTG. RAIL CORNER



FRAME BOTTOM CORNER

Engr: JAVAD AHMAD
 CML
 FLA. PE # 70592
 C.A.N. 3538
 DEC 16 2015

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 15-0416.03
 Expiration Date Aug. 5, 2019
 By *Wahid Seres*
 Miami Dade Product Control

afc
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL (305) 264-8100 FAX (305) 262-6978
 COMP-ANL\W04-36RC

HR100 ALUM HORIZ. SLIDING WDW. (L.M.I.)
RC Home Showcase, Inc.
 16115 NW 52nd Ave.
 Miami, FL 33014
 TEL (305) 392-6214 FAX (305) 260-6432

Revisions:

no	date	by	description
F	10.21.11		NO CHANGE THIS SHEET
G	10.10.13		MANUF. NAME REV.
H	04.10.15		NO CHANGE THIS SHEET
I	08.11.15		NO CHANGE THIS SHEET
J	12.09.15		REV. PER PER COMMENTS

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

drawing no.
W04-36
 sheet 9 of 9