



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](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 "RS-240" Aluminum Sliding Glass Door - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. W03-101, titled "Series - RS240 Alum. Sliding Glass Door (L.M.I.)", sheets 01, 02, 03, 04, 05, 06, 06.1, 07 and 08 of 09, dated 11/10/03 with revision "F" 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. 12-0618.06 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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



*J. Gascon*  
12/19/13

NOA No. 13-1112.05  
Expiration Date: June 24, 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. 12-0618.06)*
2. Drawing No. W03-101, Sheets 01, 02, 03, 04, 05, 06, 06.1, 07, and 08 of 09, titled "Series - RS240 Alum. Sliding Glass Door (LMI)", dated 11/10/03 with revision "F" 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 202-94along with marked-up drawings and installation diagram of the aluminum sliding glass door, prepared by Fenestration Testing Laboratories, Inc. Test Report No. FTL-5868, dated 08/09/11, signed and sealed by Marlin D. Brinson, P. E.  
*(Submitted under previous NOA No. 12-0618.06)*
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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94along with marked-up drawings and installation diagram of the aluminum sliding glass door, prepared by Fenestration Testing Laboratories, Inc. Test Report No. FTL-5427, dated 12/13/07, signed and sealed by Carlos S. Rionda, P. E.  
*(Submitted under previous NOA No. 09-0324.92)*
3. 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 202-94along with marked-up drawings and installation diagram of the aluminum sliding glass door, prepared by Fenestration Testing Laboratories, Inc. Test Report No. FTL-4428, dated 01/11/05, signed and sealed by Edmundo Largaespada, P. E.  
*(Submitted under previous NOA No. 05-0815.15)*



Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No. 13-1112.05  
Expiration Date: June 24, 2019  
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**B. TESTS (CONTINUED)**

4. 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 the aluminum sliding glass door, prepared by Fenestration Testing Laboratories, Inc. Test Report No. FTL-3825, dated 07/16/03, signed and sealed by Joseph C. Chan, P. E.  
*(Submitted under previous NOA No. 04-0401.03)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, prepared by Al-Farooq Corporation, dated 05/31/12, signed and sealed by Javad Ahmad, P. E.  
*(Submitted under previous NOA No. 12-0618.06)*
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

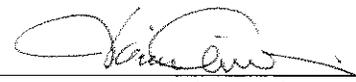
1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**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.



Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No. 13-1112.05  
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**F. STATEMENTS (CONTINUED)**

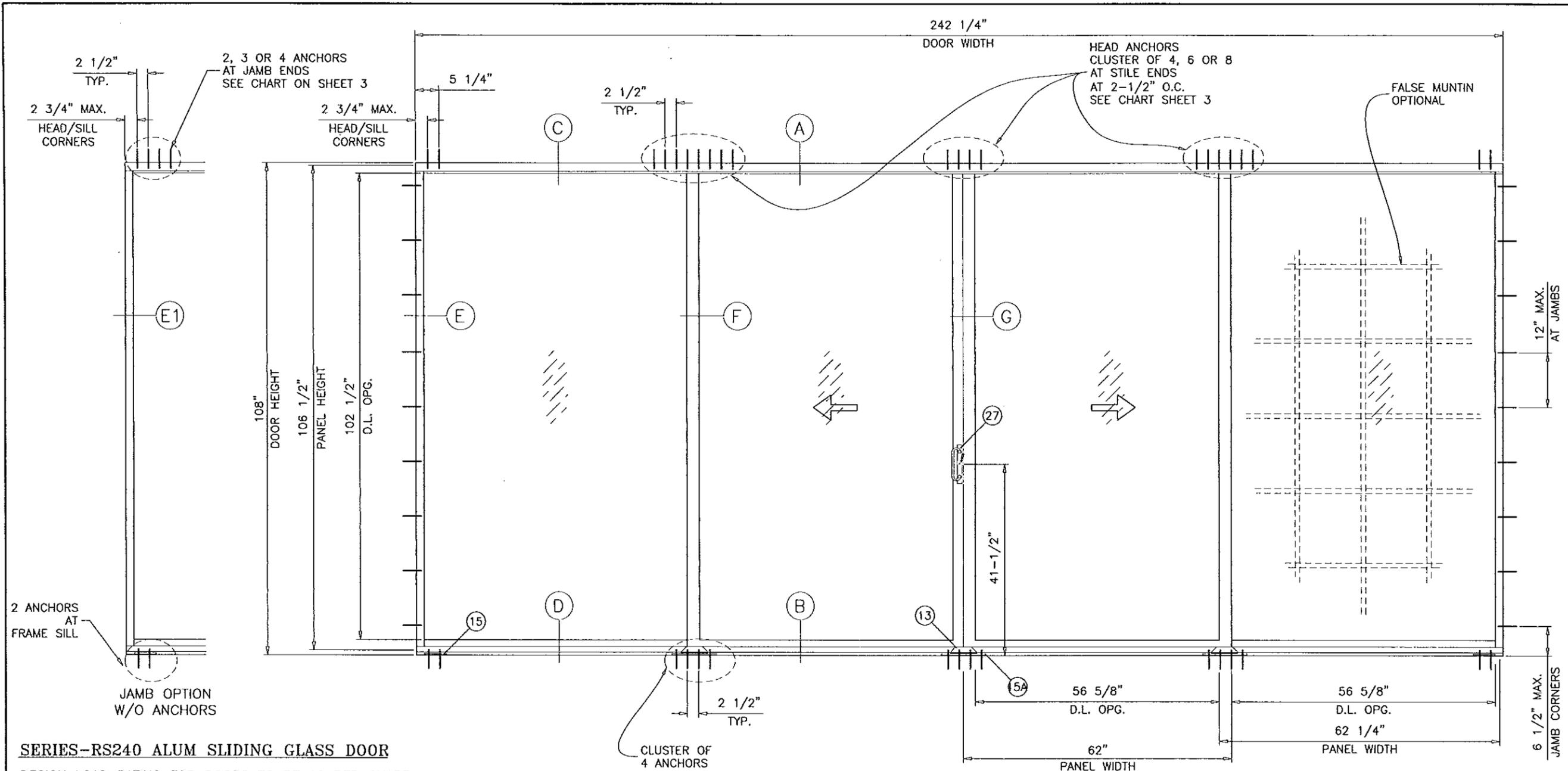
5. Department of State Certification of **RC HOME SHOWCASE, INC.** as a for profit corporation, active and organized under the laws of the State of Florida, dated 10/11/13 and signed by T. Carter, the Secretary of State.
6. Department of State Certification of **MANUHEN ENTERPRISES, LLC** as a limited 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-5868**, both issued by Fenestration Testing Laboratories, Inc., dated 08/09/11, signed and sealed by Marlin D. Brinson, P. E.  
*(Submitted under previous NOA No. 12-0618.06)*
8. Proposal No. **08-1473-R** issued by Product Control, dated 05/20/12, signed by Ishaq Chanda, P. E.  
*(Submitted under previous NOA No. 12-0618.06)*
9. Laboratory compliance letters for Test Report No. **FTL-5427**, both issued by Fenestration Testing Laboratories, Inc., dated 12/13/07, signed and sealed by Carlos S. Rionda, P. E.  
*(Submitted under previous NOA No. 09-0324.02)*
10. Laboratory compliance letters for Test Report No. **FTL-4428**, both issued by Fenestration Testing Laboratories, Inc., dated 01/11/05, signed and sealed by Edmundo Largaespada, P. E.  
*(Submitted under previous NOA No. 05-0815.15)*
11. Laboratory compliance letters for Test Report No. **FTL-3825**, both issued by Fenestration Testing Laboratories, Inc., dated 07/16/03, signed and sealed by Joseph C. Chan, P. E.  
*(Submitted under previous NOA No. 04-0401.03)*

**G. OTHERS**

1. Notice of Acceptance No. **12-0618.06**, issued to R.C. Aluminum Industries, Inc. for their Series "RS-240" Aluminum Sliding Glass Door - L.M.I., approved on 08/23/12 and expiring on 06/24/14.



Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No. 13-1112.05  
Expiration Date: June 24, 2019  
Approval Date: December 26, 2013



**SERIES-RS240 ALUM SLIDING GLASS DOOR**

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHART SHOWN ON SHEET 2.

USING CHART ON SHEET 3 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOADS REQUIRED.

VERIFY UNANCHORED JAMBS, IF USED AS PER SHEET 6.1.

LOWER DESIGN PRESSURES FROM GLASS, ANCHORS OR JAMB CHARTS 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.

TYPICAL ELEVATION TESTED UNIT

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT AND REQUIRE NO SHUTTERS.

PRODUCT RENEWED

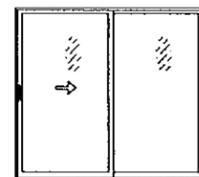
as complying with the Florida

Building Code

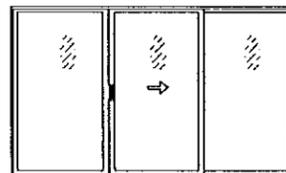
Acceptance No. 13-1112.05

Expiration Date 06/24/2019

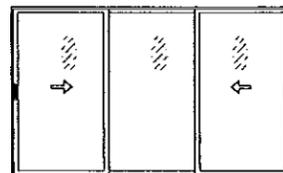
By: *[Signature]*  
Miami Dade Product Control



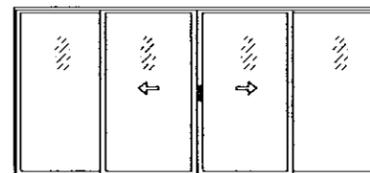
XO (SHOWN)  
OX



O XO (SHOWN)



XOX (SHOWN)



OXXO (SHOWN)

**APPROVED CONFIGURATIONS**

DOOR CONFIGURATIONS OF MORE THAN FOUR PANELS USING STILE COMBINATIONS SHOWN IN THESE DETAILS MAY ALSO BE APPROVED (EXAMPLE OXXOO).

LAMINATED GLASS  
LAMINATED INSUL. GLASS  
LARGE MISSILE IMPACT

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

**af c**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W03-101RC

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SERIES-RS240 ALUM SLIDING GLASS DOOR (L.M.I.)

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

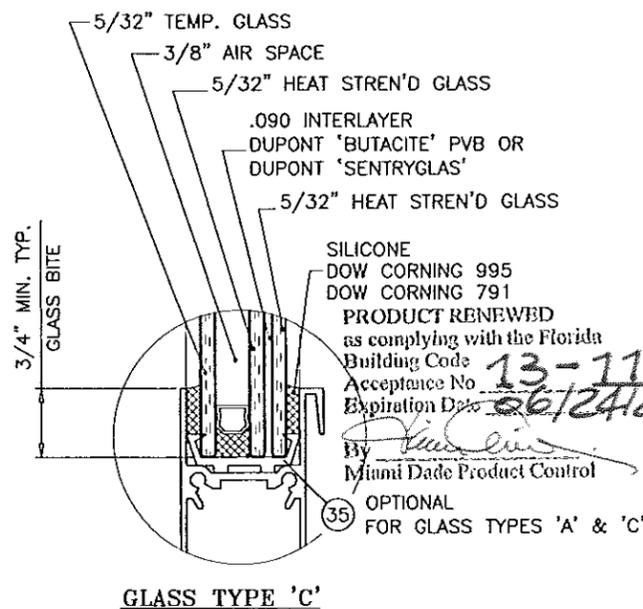
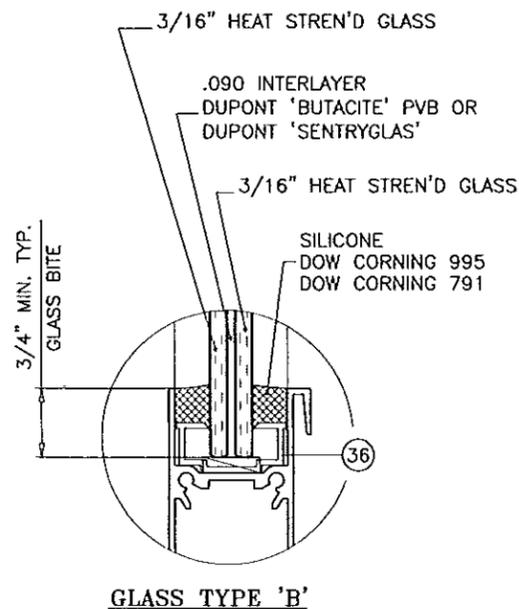
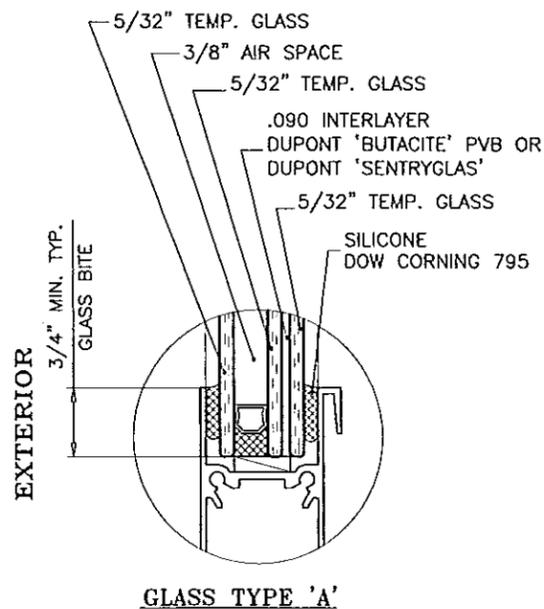
NO	DATE	DESCRIPTION	BY
B	11.01.05	NOTE REV.	
C	12.01.05	NO CHANGE THIS SHEET	
D	03.04.09	UPDATED FOR 2007 FBC	
E	05.23.12	GENERAL REVISION	
F	10.10.13	MANUF. NAME REV.	

date: 11-10-03  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no. **W03-101**  
sheet 1 of 8

DESIGN LOAD CAPACITY - PSF				
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	GLASS TYPE 'A'	GLASS TYPE 'B'	GLASS TYPE 'C'
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
30	80	80.0	80.0	80.0
36		80.0	80.0	80.0
42		80.0	80.0	80.0
48		80.0	80.0	80.0
54		80.0	80.0	80.0
56-1/2		80.0	80.0	80.0
60		80.0	80.0	75.4
66	73.4	73.4	68.6	
30	96	80.0	80.0	80.0
36		80.0	80.0	80.0
42		80.0	80.0	80.0
48		80.0	80.0	80.0
54		80.0	80.0	80.0
56-1/2		80.0	80.0	80.0
60		80.0	80.0	75.4
66	73.4	73.4	-	
30	102	80.0	80.0	80.0
36		80.0	80.0	80.0
42		80.0	80.0	80.0
48		80.0	80.0	80.0
54		80.0	80.0	80.0
56-1/2		80.0	80.0	80.0
60		80.0	80.0	-
30	108	80.0	80.0	80.0
36		80.0	80.0	80.0
42		80.0	80.0	80.0
48		80.0	80.0	80.0
54		80.0	80.0	80.0
56-1/2		80.0	80.0	80.0
60		80.0	80.0	-

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	2400ST-038	1	FRAME HEAD	6005-T5	-
2	2400ST-039	1	FRAME SILL	6005-T5	-
3	2400ST-042	2	FRAME JAMB (ANCHORED)	6063-T6	-
3A	2400ST-073	2	FRAME JAMB (FREE STANDING)	6005-T5	-
4	2400ST-028	1/MOV. PANEL	MOVING HORIZ. BOTT. RAIL	6063-T6	-
4A	2400ST-074	1/MOV. PANEL	ALTERNATE MOVING HORIZ. BOTT. RAIL	6063-T6	-
5	2400ST-029	1/FIX. PANEL	FIXED HORIZ. BOTT. RAIL	6063-T6	-
6	2400ST-026	1/MOV. PANEL	TOP MOVING RAIL	6063-T6	-
7	2400ST-027	1/FIX. PANEL	TOP FIXED RAIL	6063-T6	-
8	2400ST-024	1/FIX. PANEL	JAMB FIXED STILE	6063-T6	-
9	2400ST-022	1	JAMB FIX. STILE/LOCK STILE	6063-T6	-
10	2400ST-041	1/ PANEL	INTERLOCK	6063-T6	-
11	2400ST-025	1	MEETING STILE	6063-T6	-
12	2400ST-012	1	THRESHOLD COVER	6063-T6	-
13	2400ST-011	-	SILL TRACK ANCHOR	6005-T5	6" LONG
14	2400ST-019	1	HEAD COVER	6063-T6	-
15	2400ST-031	2	SILL TRACK PLATE (5-1/4" X 1/4" X 5" LONG	6061-T6	AT EACH END
15A	2400ST-031	3	SILL TRACK PLATE (5-1/4" X 1/4" X 10" LONG	6061-T6	AT INTERLOCK/ASTRAGAL STILES
16	2400ST-032	-	MTG. RAIL THRESHOLD SEAL	6063-T5	6" LONG
17	#10 X 1/2"	2	WEATHERSTRIP FASTENERS	-	-
18	V-027	-	BULB W'STRIPPING	VINYL	FP-712 PROTOTYPE
19	WW-2310	-	FLAP WEATHER SEAL	VINYL	WIBORG
20	V-026	-	BULB W'STRIPPING	VINYL	FP-198 PROTOTYPE
21	W31265NK	-	FIN PILE W'STRIPPING	-	ULTRAFAB
22	Q250X270	-	Q-LON W'STRIPPING	-	SCHLEGEL
26	100-7101	2/MOV. PANEL	TANDEM WHEEL ASSEMBLY	-	WORLD IND. PRODUCTS INTL.
27	10-0018XX	1	STANDARD SLIDE SET LOCK	-	WORLD IND. PRODUCTS INTL.
28	-	1	LOCK KEEPER	-	-
29	-	-	DOOR BUMPER	-	1" DIA. X 3/4" LONG
30	2400ST-040	AS REQD.	INSIDE SCREEN TRACK	6063-T6	-
31	#10 X 1-1/4"	2/ PANEL	PANEL ASSBY. SCREWS	ST/ST	-
32	#10 X 1-1/4"	2/ CORNER	FRAME ASSBY. SCREWS	ST/ST	-
33	-	2	4-1/4" X .060" X 6" LONG PLATE	ALUMINUM	AT FRAME JAMB BOTTOM
34	-	-	5/8" X 1-1/2" X .1" PLATE @ LOCK STILE BOTTOM	ALUMINUM	FASTENED WITH #8 X 3/8" FH SMS
35	V-061	AS REQD.	GLASS CRADLE	PVC	IN SEGMENTS
36	P-045	AS REQD.	GLAZING INSERT	RIGID PVC	-



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

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

OCT 25 2013

**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 262-6978  
FAX (305) 262-6978  
COMP-ANL\W03-101RC

SERIES-RS240 ALUM SLIDING GLASS DOOR (L.M.I.)  
**RC HOME SHOWCASE**  
2970 N.W. 75TH AVENUE  
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no.	date	description	by
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F	10.10.13	MANUF. NAME REV.	

date: 11-10-03  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W03-101**  
sheet 2 of 8

DESIGN LOAD CAPACITY - PSF (ANCHORS)														
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	3/8" MAX. SHIM SPACE						1/2" MAX. SHIM SPACE						
		2 ANCHORS AT JAMB ENDS		3 ANCHORS AT JAMB ENDS		4 ANCHORS AT JAMB ENDS		2 ANCHORS AT JAMB ENDS		3 ANCHORS AT JAMB ENDS		4 ANCHORS AT JAMB ENDS		
		4 ANCHORS AT STILE ENDS		6 ANCHORS AT STILE ENDS		8 ANCHORS AT STILE ENDS		4 ANCHORS AT STILE ENDS		6 ANCHORS AT STILE ENDS		8 ANCHORS AT STILE ENDS		
		ANCHORS A & B	ANCHORS C	ANCHORS A & B										
EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	
30	80	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
36		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
42		80.0	80.0	80.0	80.0	80.0	80.0	80.0	77.5	69.6	80.0	80.0	80.0	80.0
48		80.0	74.7	80.0	80.0	80.0	80.0	80.0	67.8	60.9	80.0	80.0	80.0	80.0
54		73.3	66.4	80.0	80.0	80.0	80.0	80.0	60.3	54.1	80.0	80.0	80.0	80.0
56-1/2		70.1	63.5	80.0	80.0	80.0	80.0	80.0	57.6	51.7	80.0	77.6	80.0	80.0
60		66.0	59.8	80.0	80.0	80.0	80.0	80.0	54.2	48.7	80.0	73.1	80.0	80.0
66"		60.0	54.3	80.0	80.0	80.0	80.0	80.0	49.3	44.3	74.0	66.4	80.0	80.0
30	96	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
36		80.0	80.0	80.0	80.0	80.0	80.0	80.0	75.3	67.7	80.0	80.0	80.0	
42		78.6	71.1	80.0	80.0	80.0	80.0	80.0	64.6	58.0	80.0	80.0	80.0	80.0
48		68.8	62.3	80.0	80.0	80.0	80.0	80.0	56.5	50.8	80.0	76.1	80.0	80.0
54		61.1	55.3	80.0	80.0	80.0	80.0	80.0	50.2	45.1	75.3	67.7	80.0	80.0
56-1/2		58.4	52.9	80.0	79.3	80.0	80.0	80.0	48.0	43.1	72.0	64.7	80.0	80.0
60		55.0	49.8	80.0	74.7	80.0	80.0	80.0	45.2	40.6	67.8	60.9	80.0	80.0
66"		50.0	45.3	75.0	67.9	80.0	80.0	80.0	41.1	36.9	61.6	55.4	80.0	73.8
30	102	80.0	80.0	80.0	80.0	80.0	80.0	80.0	76.4	80.0	80.0	80.0	80.0	
36		80.0	78.1	80.0	80.0	80.0	80.0	80.0	70.9	63.7	80.0	80.0	80.0	80.0
42		73.9	67.0	80.0	80.0	80.0	80.0	80.0	60.8	54.6	80.0	80.0	80.0	80.0
48		64.7	58.6	80.0	80.0	80.0	80.0	80.0	53.2	47.8	79.8	71.6	80.0	80.0
54		57.5	52.1	80.0	78.1	80.0	80.0	80.0	47.3	42.5	70.9	63.7	80.0	80.0
56-1/2		55.0	49.8	80.0	74.7	80.0	80.0	80.0	45.2	40.6	67.8	60.9	80.0	80.0
60		51.8	46.9	77.6	70.3	80.0	80.0	80.0	42.5	38.2	63.8	57.3	80.0	76.4
30		108	80.0	80.0	80.0	80.0	80.0	80.0	80.0	72.2	80.0	80.0	80.0	80.0
36	80.0		73.8	80.0	80.0	80.0	80.0	80.0	67.0	60.1	80.0	80.0	80.0	80.0
42	69.8		63.2	80.0	80.0	80.0	80.0	80.0	57.4	51.6	80.0	77.3	80.0	80.0
48	61.1		55.3	80.0	80.0	80.0	80.0	80.0	50.2	45.1	75.3	67.7	80.0	80.0
54	54.3		49.2	80.0	73.8	80.0	80.0	80.0	44.6	40.1	67.0	60.1	80.0	80.0
56-1/2	51.9		47.0	77.9	70.5	80.0	80.0	80.0	42.7	38.3	64.0	57.5	80.0	76.6
60	48.9		44.3	73.3	66.4	80.0	80.0	80.0	40.2	36.1	60.3	54.1	80.0	72.2

**afC**  
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 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W03-101RC

SERIES-RS240 ALUM SLIDING GLASS DOOR (L.M.I.)  
**RC HOME SHOWCASE**  
 2970 N.W. 75TH AVENUE  
 MIAMI, FL. 33122  
 TEL. (305) 392-6214 FAX. (786) 464-1582

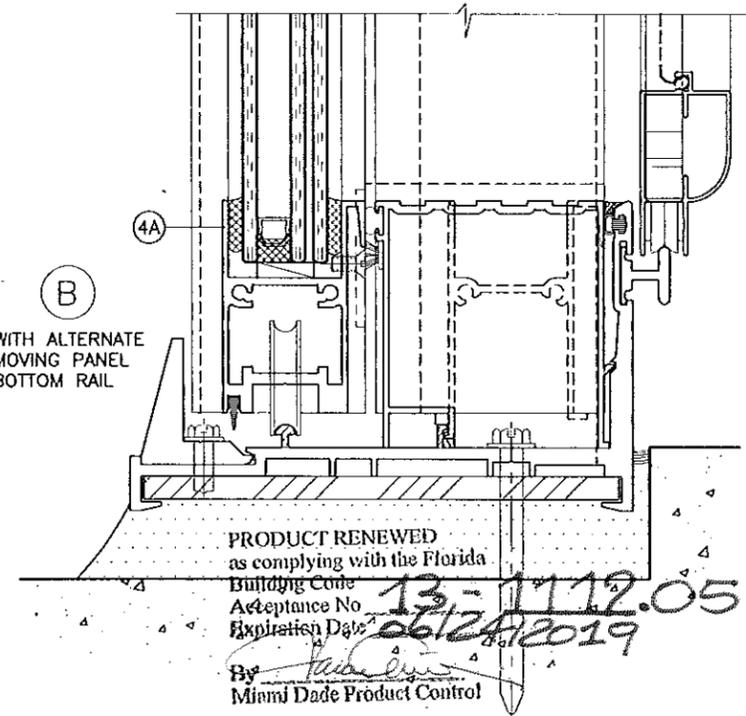
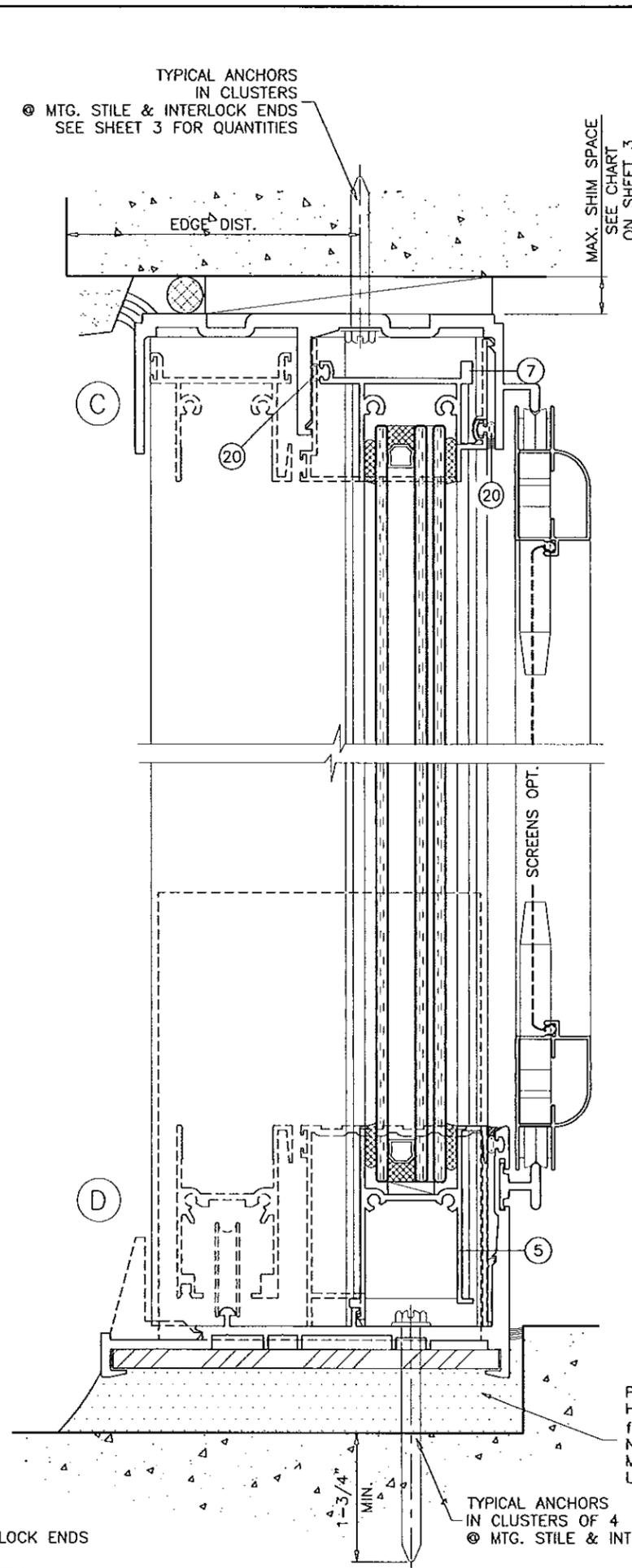
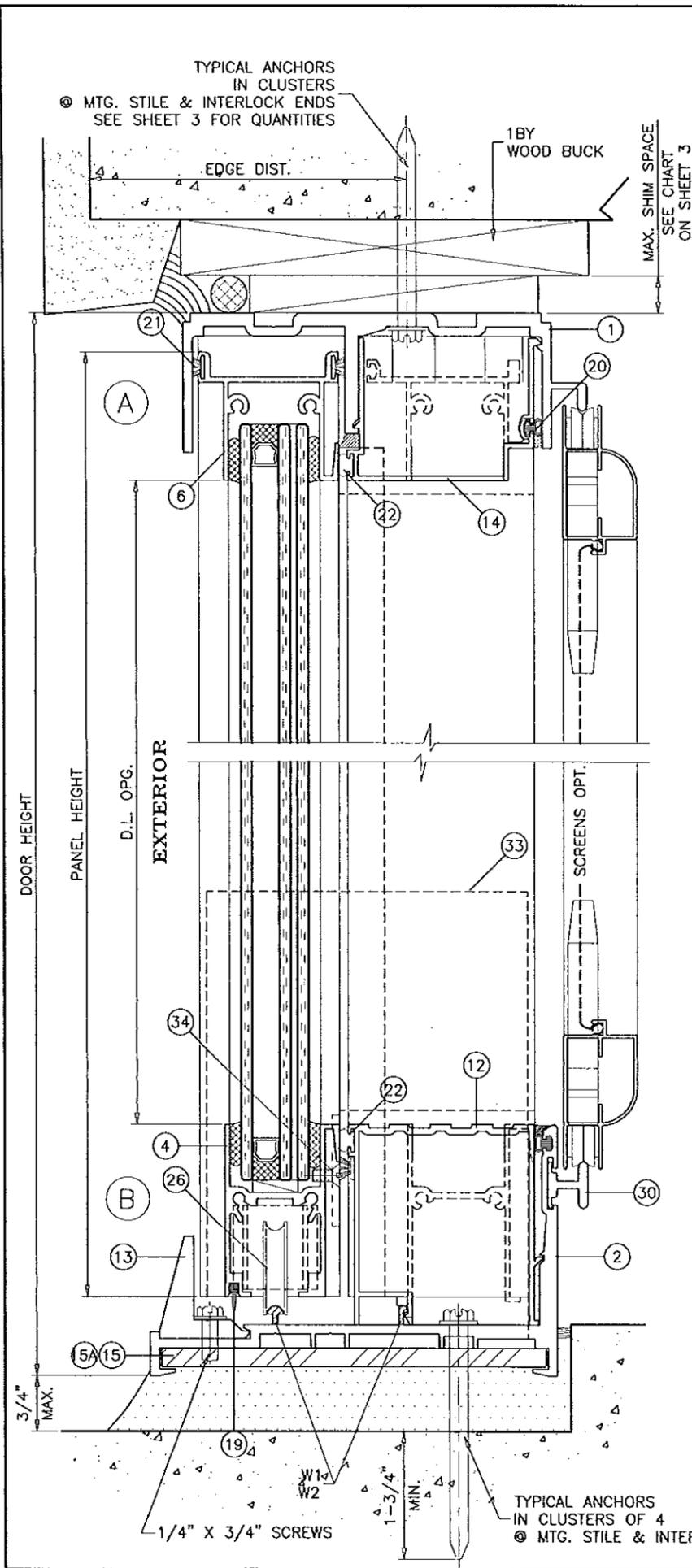
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B	11.01.05	NO CHANGE THIS SHEET
C	12.01.05	NO CHANGE THIS SHEET
D	03.04.09	UPDATED FOR 2007 FBC
E	05.23.12	GENERAL REVISION
F	10.10.13	MANUF. NAME REV.

date: 11-10-03  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W03-101**  
 sheet 3 of 8

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. **13-1112.05**  
 Expiration Date **06/24/2019**  
 By *[Signature]*  
 Miami Dade Product Control

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



**SEALANTS:**

ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH WHITE/ALUM COLORED SEALANT.

**LOCKS:**

SURFACE MOUNT THREE PLY HOOK LOCK BY 'WORLD INDUSTRIAL PRODUCTS' AT 41-1/2" FROM BOTTOM WITH KEEPERS AT LOCK POSITION.

**WEEPS:**

W1 = 2-1/2" WEEP NOTCH AT SILL CENTER  
W2 = 7/8" NOTCH AT EACH END

POURED & HARDENED HIGH STRENGTH GROUT  
f'c = 5000 PSI MIN.  
NOT BY RC HOME SHOWCASE  
MUST TRANSFER SHEAR LOADS TO STRUCTURE

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

*[Signature]*

OCT 25 2019

**af c**

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COMP-ANL\W03-101RC

SERIES-RS240 ALUM SLIDING GLASS DOOR (L.M.I.)

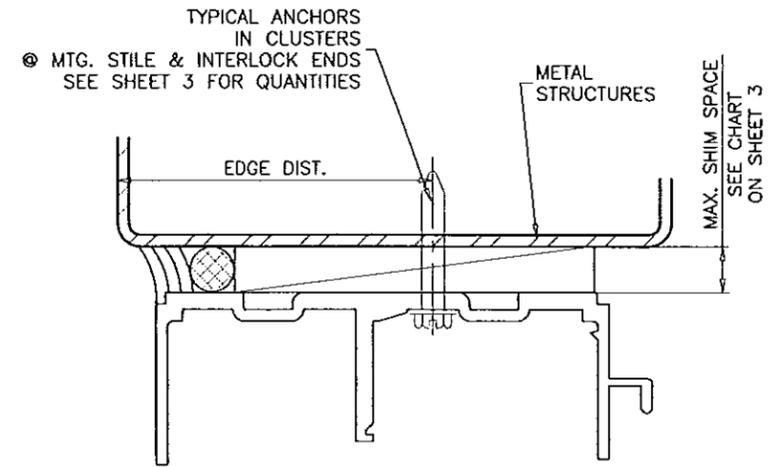
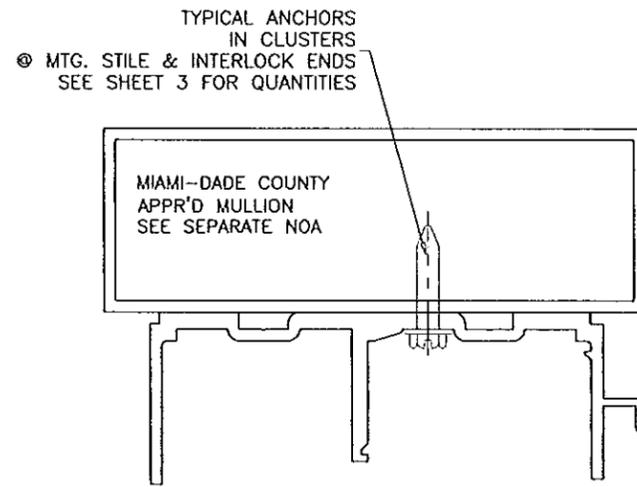
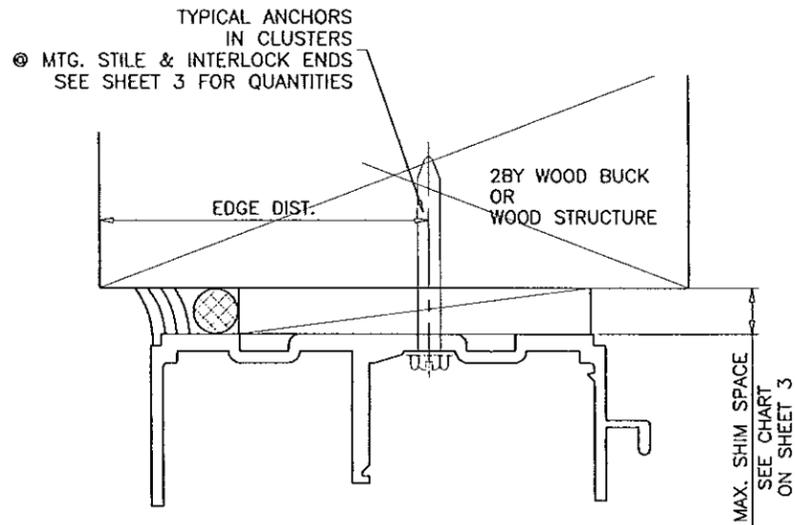
**RC HOME SHOWCASE**  
2970 N.W. 75TH AVENUE  
MIAMI, FL. 33122  
TEL. (305) 392-6214 FAX. (786) 464-1582

revisions:	no	date	by	description
	B	11.01.05		METAL EDGE DIST. ADDED
	C	12.01.05		NO CHANGE THIS SHEET
	D	03.04.09		UPDATED FOR 2007 FBC
	E	05.23.12		GENERAL REVISION
	F	10.10.13		MANUF. NAME REV.

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dr. by: HAMID  
chk. by:

drawing no.  
**W03-101**

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WOOD BUCKS AND METAL STRUCTURES 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

- TYPE 'A' **1/4" DIA. HILTI KWIK-CON II** (Fu=163 KSI, Fy=157 KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-1/2" MIN. WOOD PENETRATION  
 THRU 1BY WOOD BUCKS INTO MASONRY OR CONC.  
 1-1/4" MIN. EMBED INTO MASONRY OR CONC.
- TYPE 'AA' **1/4" DIA. HILTI KWIK-CON II** (Fu=163 KSI, Fy=157 KSI)  
 DIRECTLY INTO MASONRY OR CONCRETE  
 1-1/2" MIN. EMBED INTO CONCRETE AT HEAD & JAMBS  
 1-3/4" MIN. EMBED INTO CONCRETE AT SILL  
 1-1/4" MIN. EMBED INTO BLOCK
- TYPE 'B' **1/4" DIA. TEKS OR SELF DRILLING SCREWS** (Fu=92 KSI, Fy=120 KSI)  
 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)

**TYPICAL EDGE DISTANCE**  
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE f'c = 3000 PSI MIN.  
 MASONRY f'm = 1500 PSI MIN.

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 Miami Dade Product Control

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
**007 2-5 2013**

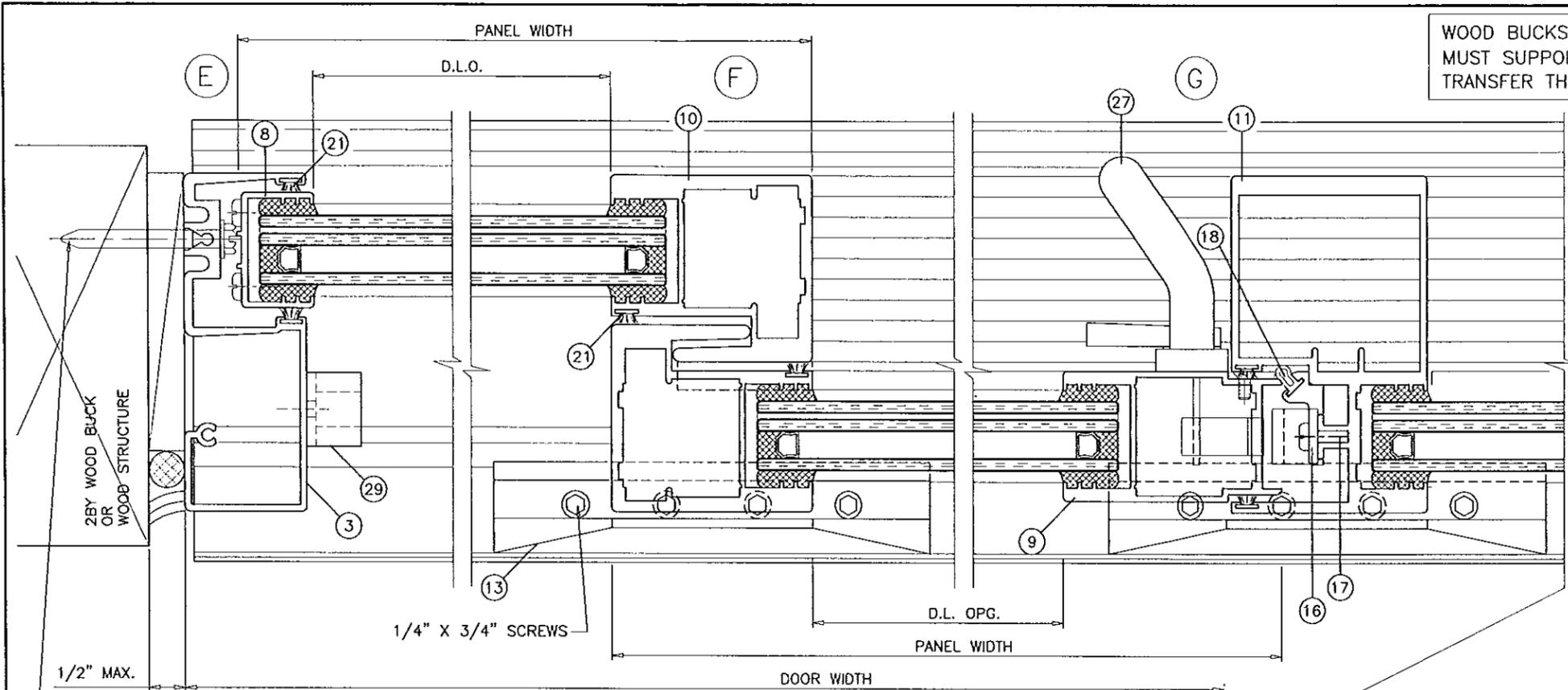
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**AL-FAROOQ CORPORATION**  
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SERIES-RS240 ALUM SLIDING GLASS DOOR (L.M.I.)  
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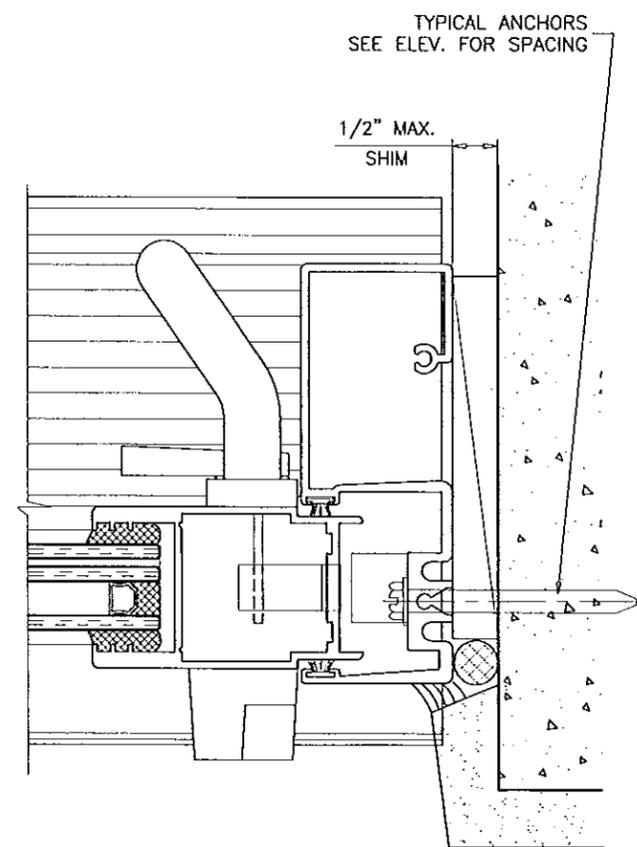
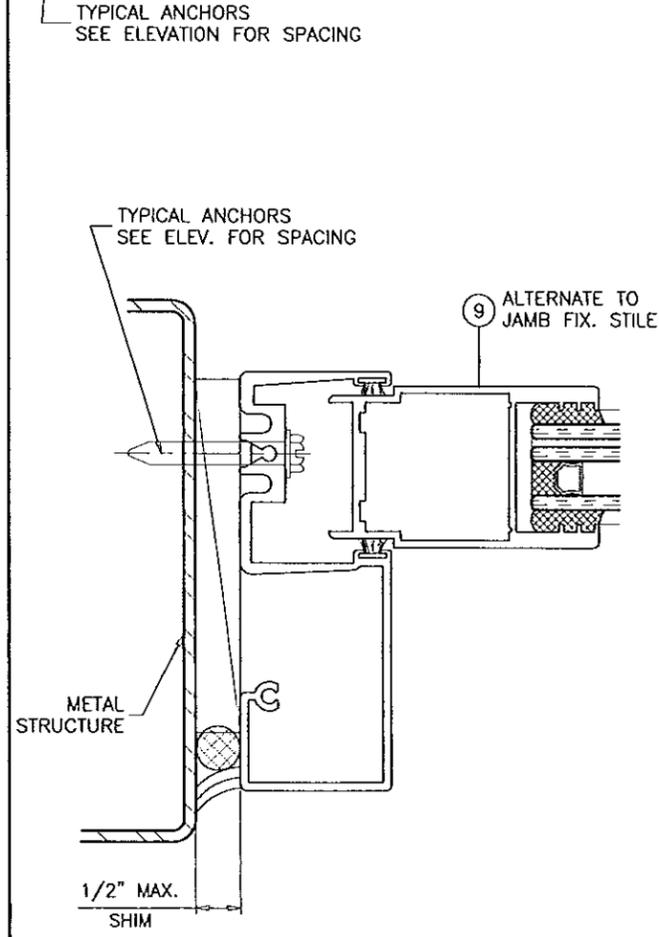
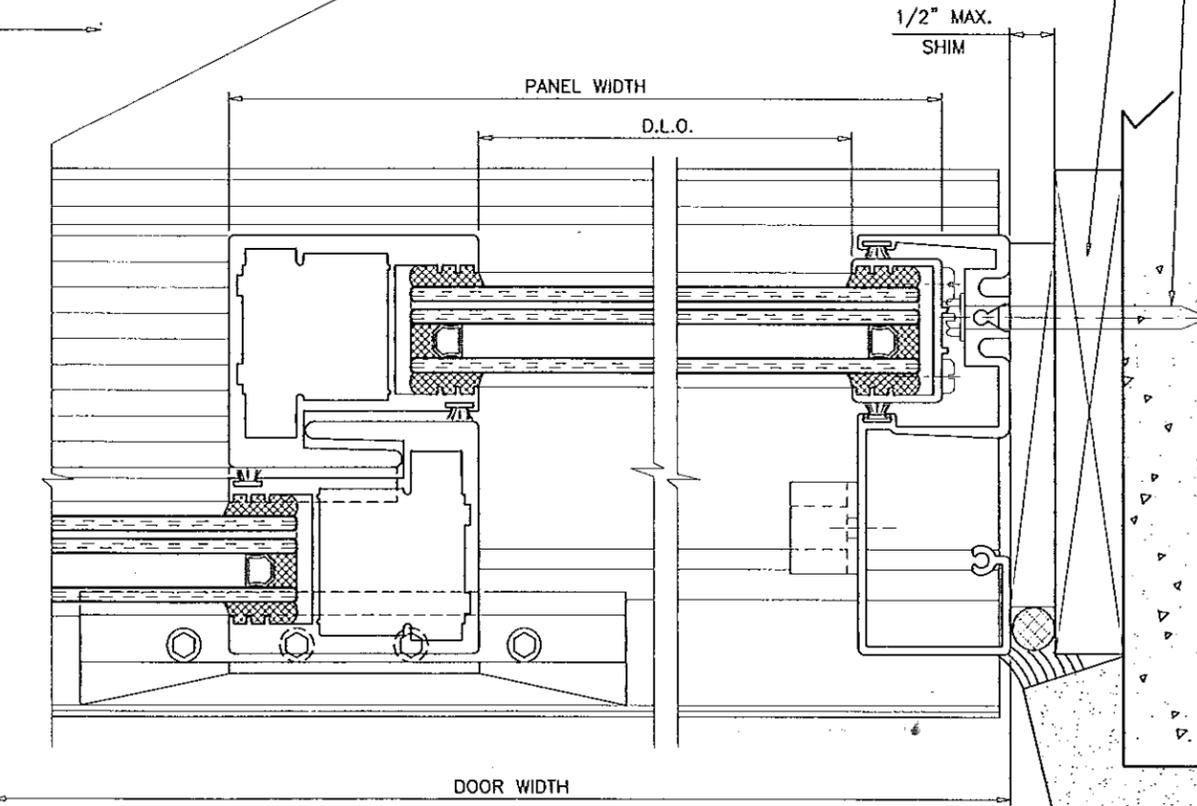
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	E	05.23.12	GENERAL REVISION
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date: 11-10-03  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W03-101**  
 sheet 5 of 8



EXTERIOR



PRODUCT RENEWED  
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Miami Dade Product Control

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

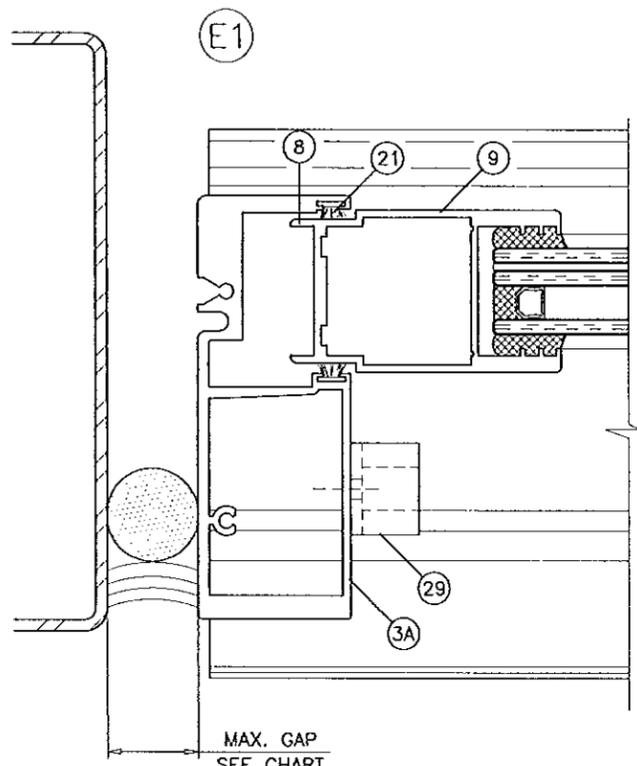
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**AL-FAROOQ CORPORATION**  
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COMP-ANL\W03-101RC

SERIES-RS240 ALUM SLIDING GLASS DOOR (L.M.I.)  
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no	date	by	description
B	11.01.05		NO CHANGE THIS SHEET
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E	05.23.12		GENERAL REVISION
F	10.10.13		MANUF. NAME REV.

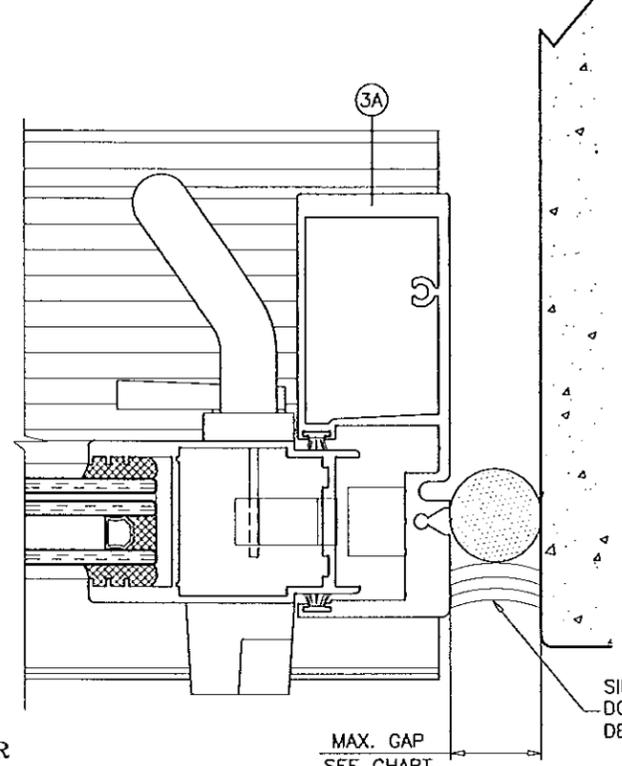
date: 11-10-03  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:  
drawing no.  
**W03-101**  
sheet 6 of 8

UNANCHORED JAMBS DEFLECTION AT 80 PSF		
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	DEFLECTION INCHES
30	80	.075
36		.087
42		.099
48		.109
54		.117
56-1/2		.120
60		.124
66	.129	
30	96	.157
36		.186
42		.212
48		.236
54		.258
56-1/2		.266
60		.278
66	.286	
30	102	.201
36		.238
42		.272
48		.305
54		.334
56-1/2		.346
60		.357
30	108	.254
36		.301
42		.345
48		.387
54		.426
56-1/2		.441
60		-

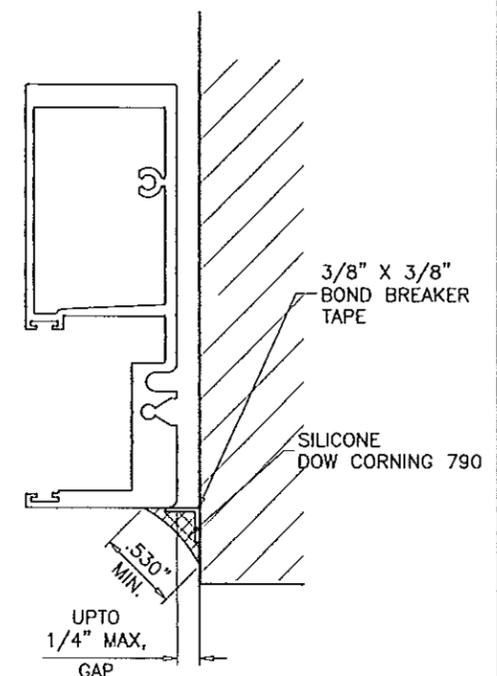


**FREE STANDING JAMB  
FIXED SIDE**

Ix IN <sup>4</sup>	Sx IN <sup>3</sup>
5.9630	2.5527



**FREE STANDING JAMB  
OPERABLE SIDE**



**FREE STANDING JAMB**

FOR JOINTS GAP LESS THAN 1/4" USE  
BOND BREAKER TAPE  
SEE DETAIL ABOVE

FOR A GIVEN PANEL WIDTH/DOOR HEIGHT DETERMINE  
JAMB DEFLECTION AT 80 PSF FROM CHART ABOVE.  
WITH THIS DEFLECTION DETERMINE MAX. GAP USING CHART  
BELOW FOR SEALANTS WITH 50% AND 100% STRETCH.

JAMB DEFLECTION-IN.		MAX. GAP INCHES
50%	100%	
.280	.433	.250
.420	.600	.375
.560	.600	.500
.600	.600	.625
.600	.600	.750
.600	.600	.875
.600	.600	1.000

NOTE:  
DATA IN THIS SHEET MAY BE USED TO QUALIFY  
SEALANT TO BE USE AT UNANCHORED JAMBS.  
PLEASE REFER TO SEALANT MANUFACTURER'S DATA  
AND APPLICATION MANUAL.

PRODUCT RENEWED  
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By *[Signature]*  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
*[Signature]*  
004 25 2013

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SERIES-RS240 ALUM SLIDING GLASS DOOR (L.M.I.)  
**RC HOME SHOWCASE**  
2970 N.W. 75TH AVENUE  
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revisions:	no	date	by	description
	E	05.23.12		GENERAL REVISION
	F	10.10.13		MANUF. NAME REV.

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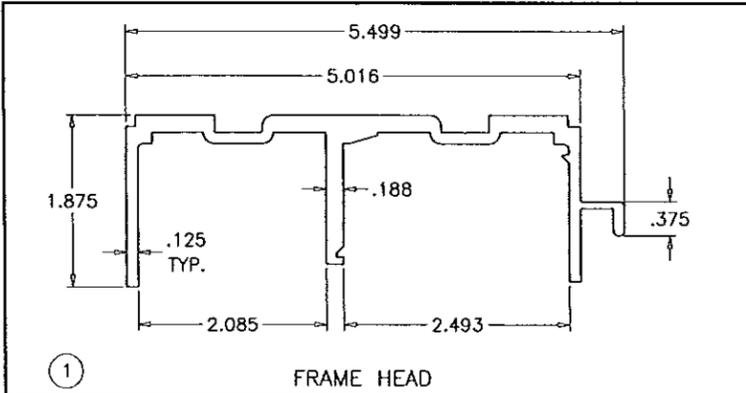
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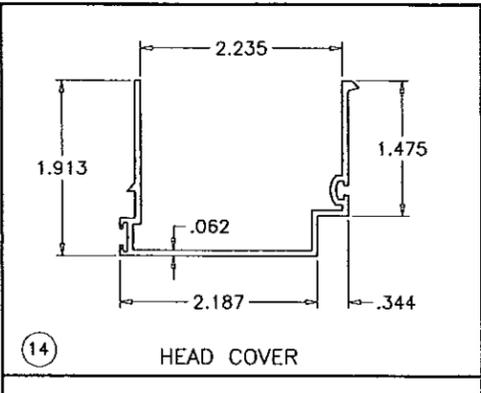
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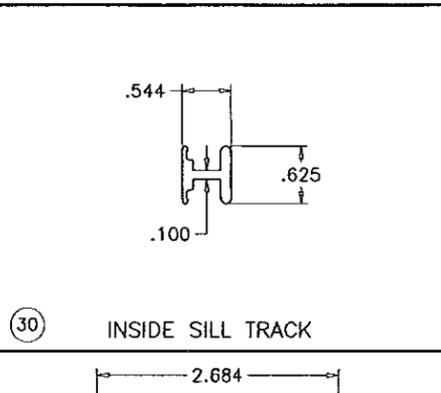
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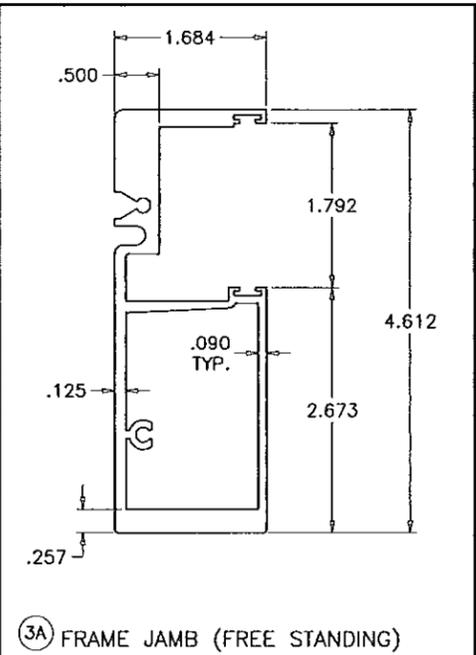
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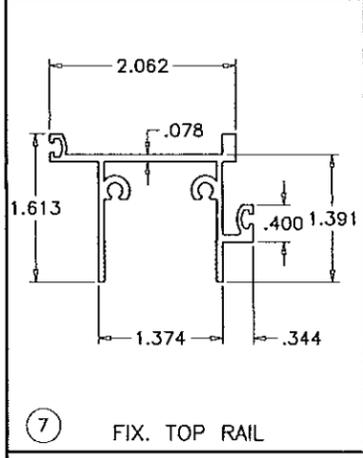
14 HEAD COVER



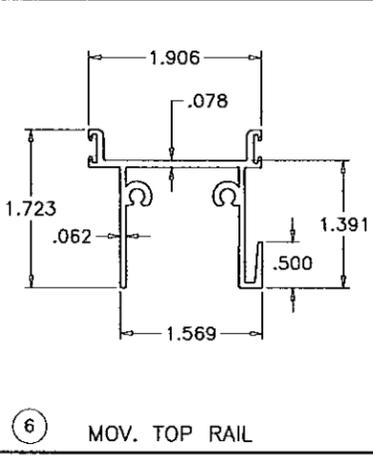
30 INSIDE SILL TRACK



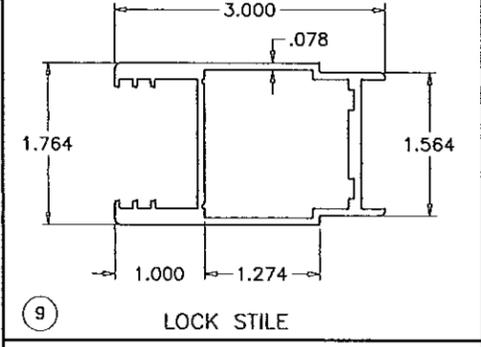
3A FRAME JAMB (FREE STANDING)



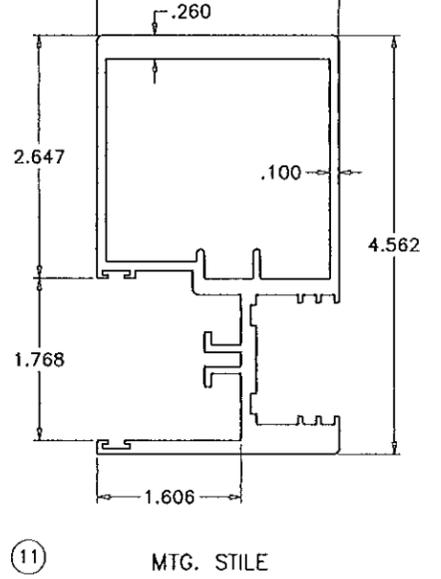
7 FIX. TOP RAIL



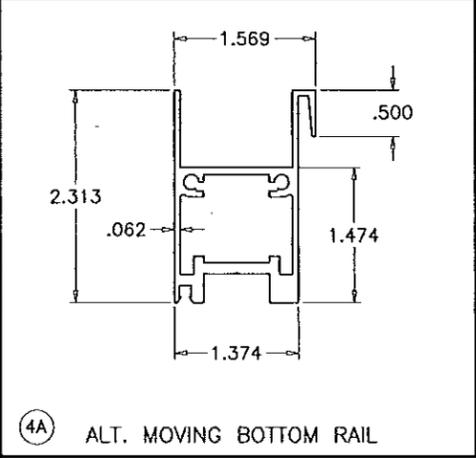
6 MOV. TOP RAIL



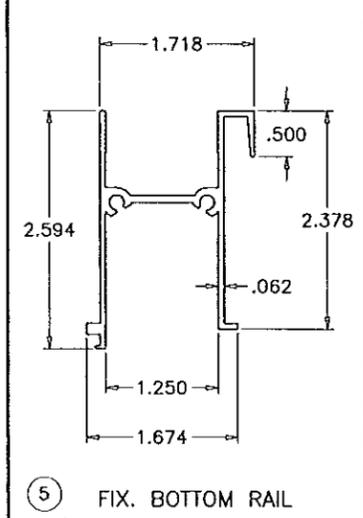
9 LOCK STILE



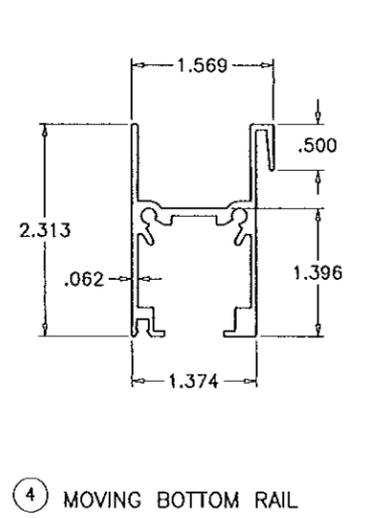
11 MTG. STILE



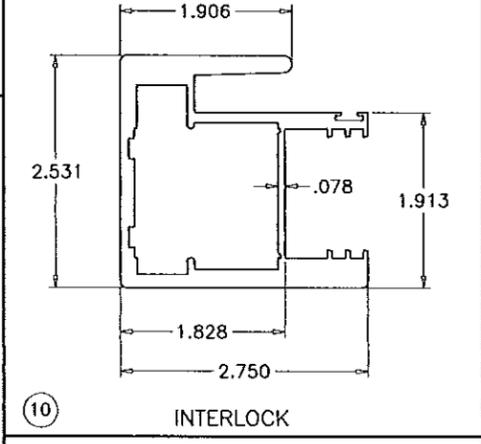
4A ALT. MOVING BOTTOM RAIL



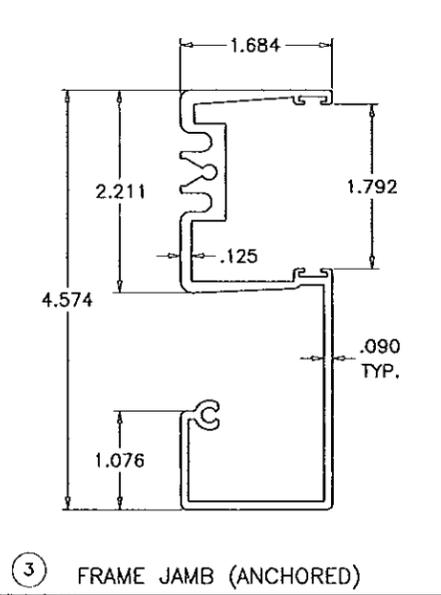
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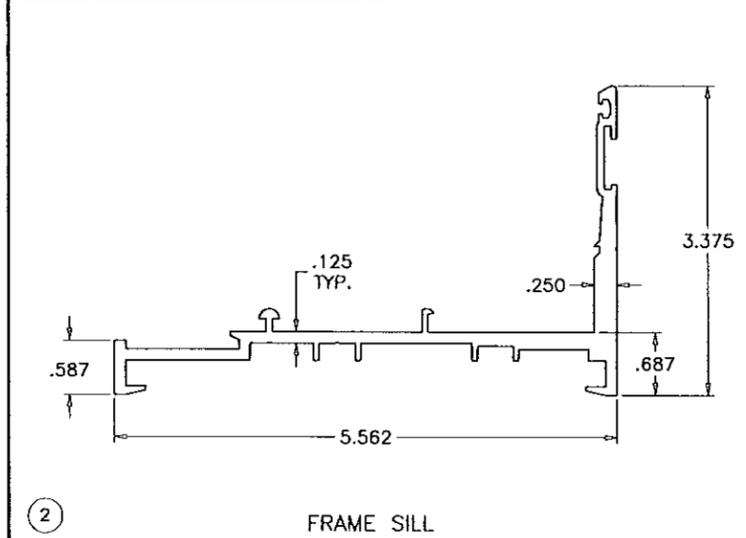
4 MOVING BOTTOM RAIL



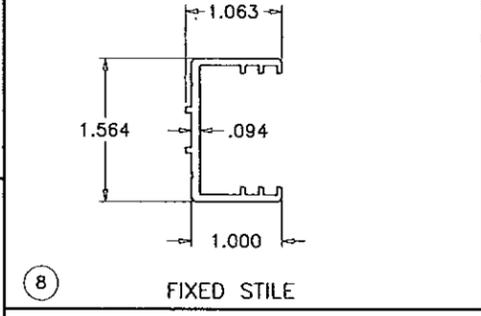
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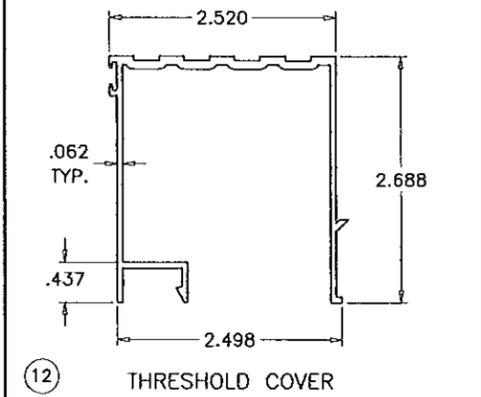
3 FRAME JAMB (ANCHORED)



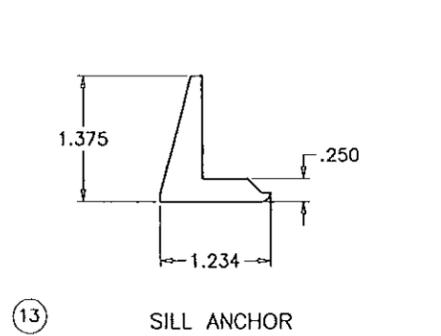
2 FRAME SILL



8 FIXED STILE



12 THRESHOLD COVER



13 SILL ANCHOR

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CIVIL  
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*[Signature]*  
007 25 2013

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NO.	DATE	BY	DESCRIPTION
B	11.01.05		NO CHANGE THIS SHEET
C	12.01.05		REV. PER BOCO COMMENTS
D	03.04.09		UPDATED FOR 2007 FBC
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date: 11-10-03  
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dr. by: HAMID  
chk. by:  
drawing no. **W03-101**  
sheet 7 of 8



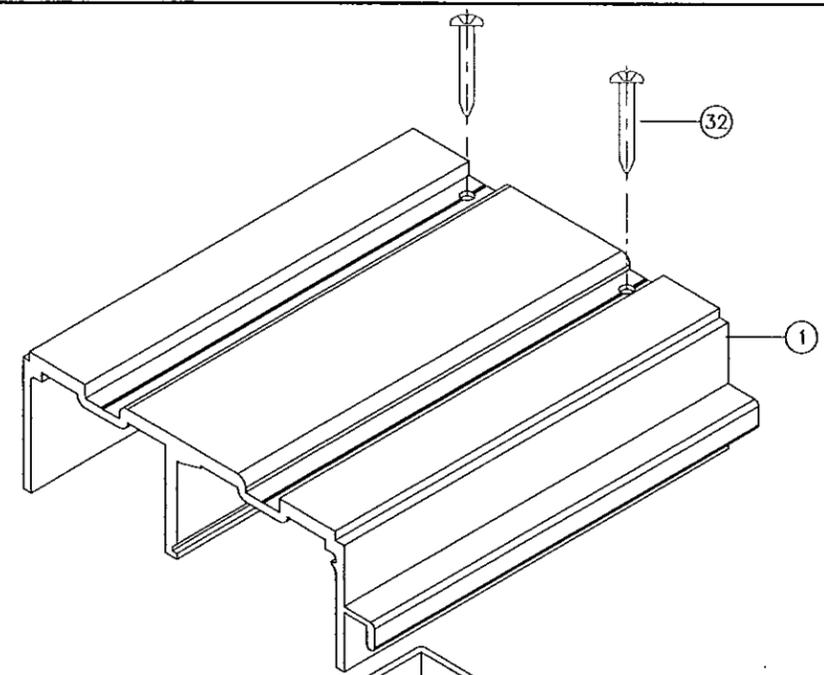
**AL-FAROOQ CORPORATION**  
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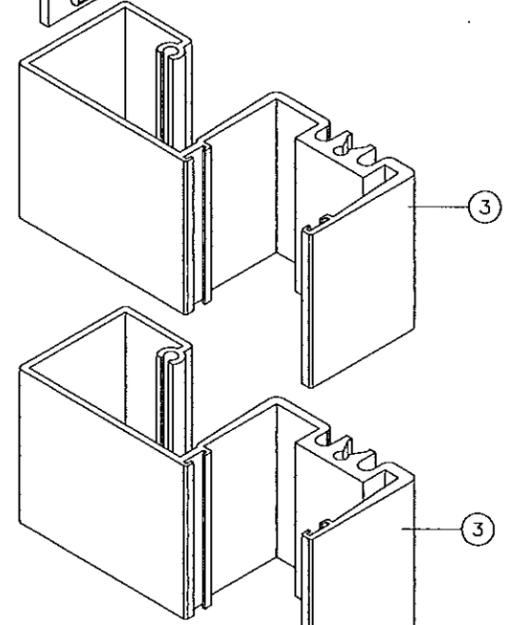
no	date	by	description
B	11.01.05		NO CHANGE THIS SHEET
C	12.01.05		REV. PER BCCO COMMENTS
D	03.04.09		UPDATED FOR 2007 FBC
E	05.23.12		NO CHANGE THIS SHEET
F	10.10.13		MANUF. NAME REV.

date: 11-10-03  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

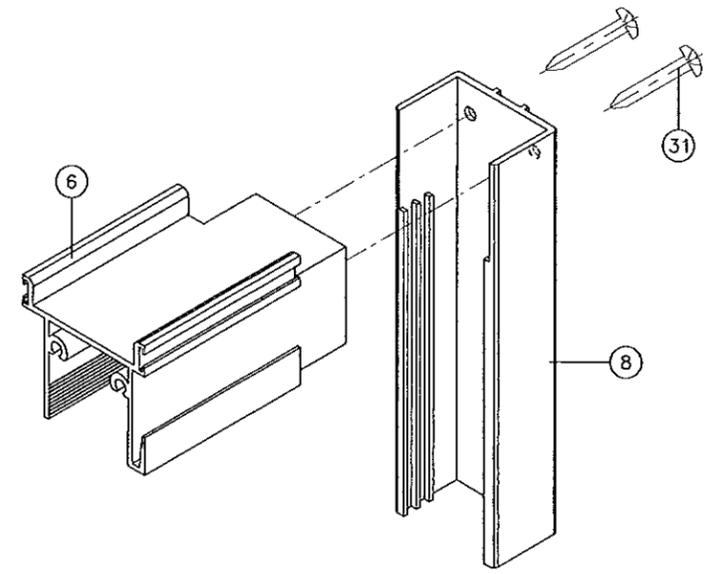
drawing no.  
**W03-101**  
 sheet 8 of 8



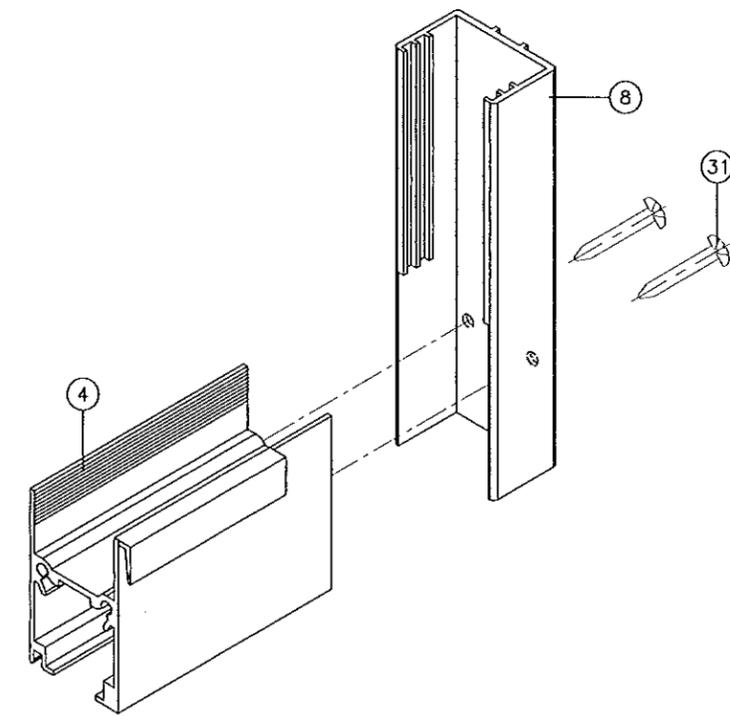
FRAME TOP CORNER



FRAME BOTTOM CORNER



PANEL TOP CORNER



PANEL BOTTOM CORNER

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code **13-1117.05**  
 Acceptance No. **06/24/2019**  
 Expiration Date  
 By *[Signature]*  
 Miami Dade Product Control

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