



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

www.buildingcodeonline.com

R.C. Aluminum Industries, Inc.
2085 NW 75th Ave
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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "RS240" Aluminum Sliding Glass Door-L.M.I.

APPROVAL DOCUMENT: Drawing No. W03-101, titled "Series -RS240 Alum Sliding Glass Door (L.M.I.)", sheets 1 through 7 of 7, prepared by AL-Farooq Corporation, dated 11/10/03 with revision "C" on 12/01/05, signed and sealed by Humayoun Farooq, 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 Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", 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 # 04-0401.03 and, consists of this page 1 and evidence page E-1, and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



NOA No 05-0815.15
Expiration Date: May 27, 2009
Approval Date: February 09, 2006
Page 1

R.C. Aluminum Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-101**, titled Series –RS240 Alum Sliding Glass Door (L.M.I.)”, sheets 1 through 7 of 7, prepared by AL-Farooq Corporation, dated 11/10/03 with revision “C” on 12/01/05, signed and sealed by Humayoun Farooq, 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 20294
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 sliding glass door, prepared by Fenestration Testing Laboratories, Inc. Test Report No. **FTL-4428** dated 11/11/05, signed and sealed by Edmundo Largespada, P.E.

2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294
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 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 NOA# 05-0815.15”

C. CALCULATIONS

1. Revised Anchor Calculations and structural analysis, prepared by AL-Farooq Corporation, dated 08/04/05, signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E1300-98
No 1/3 stress increase used in anchors into masonry or steel substrate.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 05-1208.02 issued to “**E.I. Dupont DeNemours**” for “**Dupont Butacite ® PVB**” dated 01/06/06 and expiring on 12/11/10.



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0815.15

Expiration Date: May 27, 2009
Approval Date: February 09, 2006

R.C. Aluminum Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

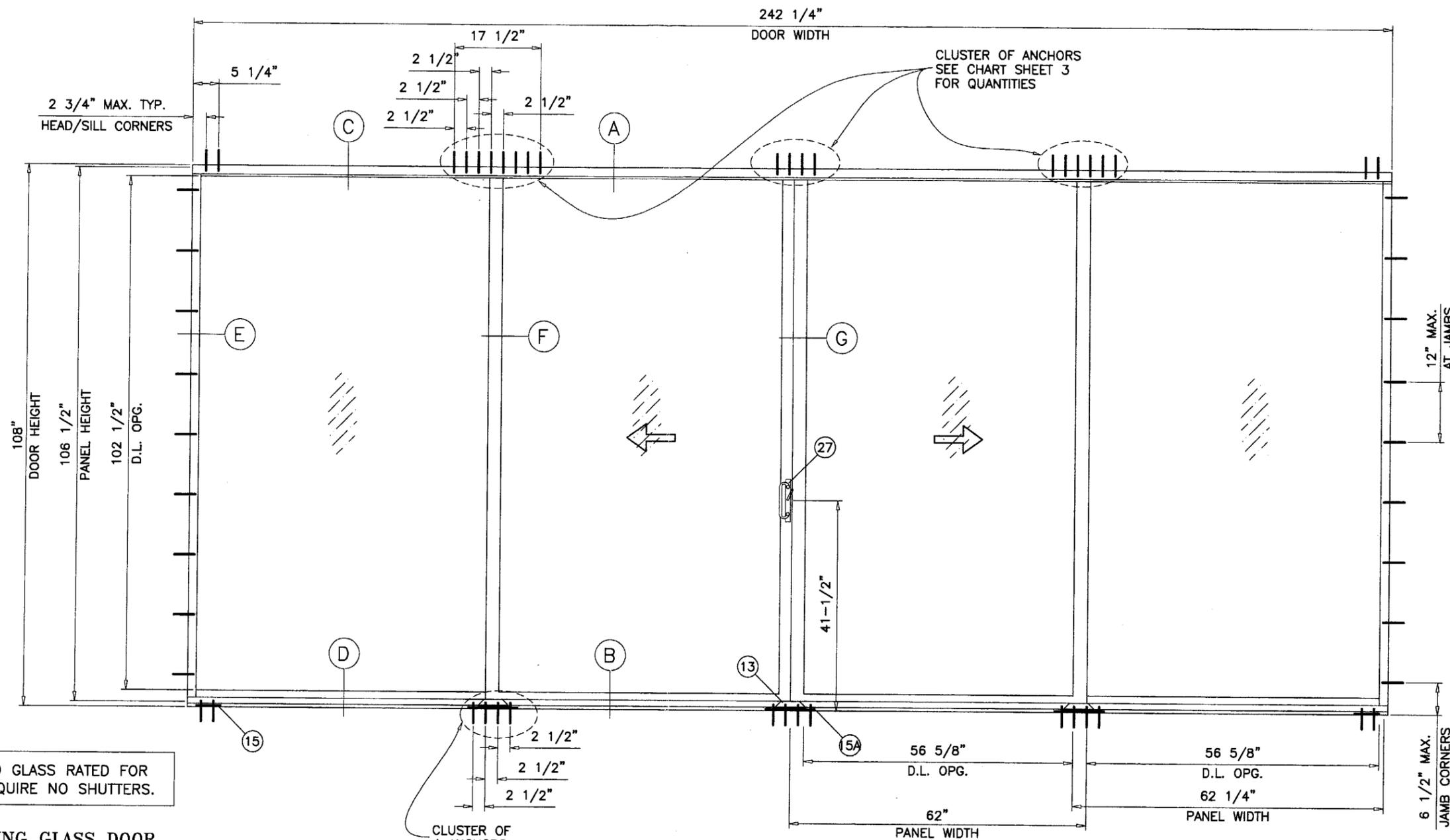
1. Statement letter of no financial interest, dated 08/04/05, signed and sealed by Humayoun Farooq, P.E.
2. Statement Letter of conformance dated 08/04/05, signed and sealed by Humayoun Farooq, P.E.

G. OTHER

1. Letter from consultant stating that the product is in compliance with the Florida Building Code (FBC).
2. Notice of Acceptance No. **04-0401.03**, issued to R.C. Aluminum Industries, Inc., "Series -RS240 Alum Sliding Glass Door (L.M.I.)", approved on 05/27/04 and expiring on 05/27/09.



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0815.15
Expiration Date: May 27, 2009
Approval Date: February 09, 2006



DOORS GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS.

SERIES-RS240 ALUM SLIDING GLASS DOOR

SEE SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE. USING CHART ON SHEET 3 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOADS REQUIRED. LOWER DESIGN PRESSURES FROM GLASS OR ANCHOR CHARTS WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION FOR THE HIGH VELOCITY HURRICANE ZONE.

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

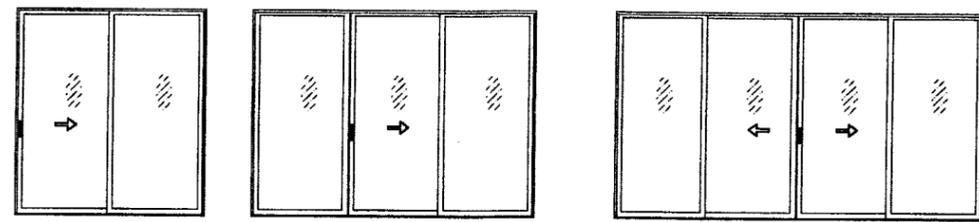
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

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

ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.

TYPICAL ELEVATION TESTED UNIT

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 05-0815.15
 Expiration Date 05/23/09
 By: *M. Khan*
 Miami Dade Product Control Division



XO (SHOWN) OXO (SHOWN) OXXO

APPROVED CONFIGURATIONS

TWO OR THREE TRACK FRAME DOOR CONFIGURATIONS OF MORE THAN FOUR PANELS USING STILE COMBINATIONS SHOWN IN THESE DETAILS MAY ALSO BE APPROVED (EXAMPLE OXXXO).

Engr: DR. HUMAYOUN FARCOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

DEC 06 2005

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

SERIES-RS240 ALUM SLIDING GLASS DOOR (L.M.I.)
R.C. ALUMINUM INDUSTRIES INC.
 2805 N.W. 75 TH AVE.
 MIAMI, FL. 33122
 TEL. (305) 592-1515 FAX. (305) 592-2184

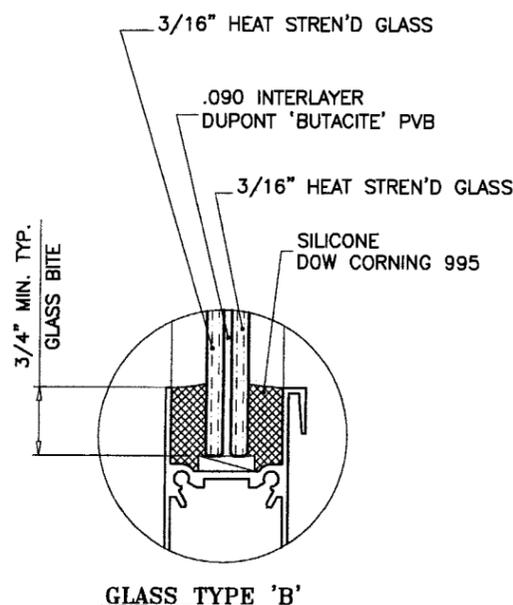
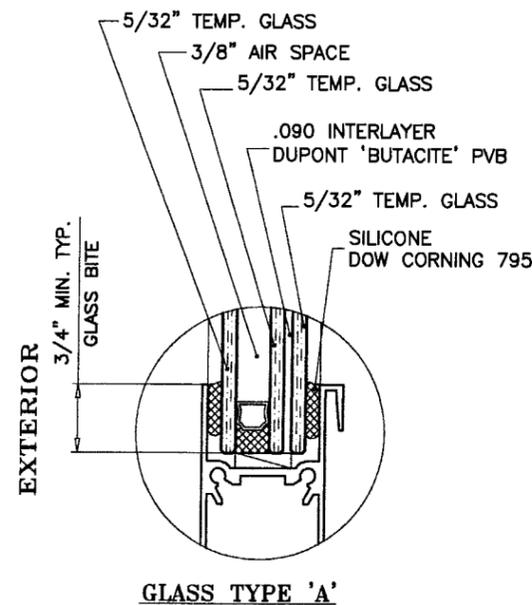
no	date	description
A	08.05.05	UPDATED FOR 2004 FBC
B	11.01.05	NOTE REV.
C	12.01.05	NO CHANGE THIS SHEET

date: 11-10-03
 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:
 drawing no. **W03-101**
 sheet 1 of 7

DESIGN LOAD CAPACITY - PSF (GLASS)					
PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	GLASS TYPE 'A'		GLASS TYPE 'B'	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30	80	80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	80.0	80.0
54		80.0	80.0	80.0	80.0
60		80.0	80.0	80.0	80.0
66		80.0	80.0	80.0	80.0
30	96	80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	80.0	80.0
54		80.0	80.0	70.3	70.3
60		80.0	80.0	76.0	76.0
66		80.0	80.0	72.5	72.5
30	102	80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	75.9	75.9
54		80.0	80.0	66.0	66.0
60		80.0	80.0	72.0	72.0
66		80.0	80.0	72.5	72.5
30	108	80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0
42		80.0	80.0	80.0	80.0
48		80.0	80.0	72.4	72.4
54		80.0	80.0	61.6	61.6
60		80.0	80.0	68.0	68.0
66		80.0	80.0	68.0	68.0

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-98 (60 SEC. WIND)

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	6063-T6	-
4	2400ST-028	1/MOV. PANEL	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	WV-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



GLAZING OPTIONS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-0815-15
Expiration Date 05/23/09
By *M. Khair*
Miami Dade Product Control
Division

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 18557
C.A.N. 3538

DEC 06 2005

afsc

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

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

R.C. ALUMINUM INDUSTRIES INC.
2805 N.W. 75 TH AVE.
MIAMI, FL. 33122
TEL. (305) 592-1515 FAX. (305) 592-2184

no	date	description
A	08.05.05	GLASS CHART ADDED
B	11.01.05	NO CHANGE THIS SHEET
C	12.01.05	NO CHANGE THIS SHEET

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

drawing no.
W03-101

sheet 2 of 7

DESIGN LOAD CAPACITY - PSF (ANCHORS)

PANEL WIDTH NOMINAL INCHES	DOOR HEIGHT INCHES	3/8" MAX. SHIM SPACE						1/2" MAX. SHIM SPACE						5/8" MAX. SHIM SPACE					
		CLUSTER OF 4 ANCHORS		CLUSTER OF 6 ANCHORS		CLUSTER OF 8 ANCHORS		CLUSTER OF 4 ANCHORS		CLUSTER OF 6 ANCHORS		CLUSTER OF 8 ANCHORS		CLUSTER OF 4 ANCHORS		CLUSTER OF 6 ANCHORS		CLUSTER OF 8 ANCHORS	
		ANCHORS A & B	ANCHORS C																
		EXT. (+) INT. (-)	EXT. (+) INT. (-)																
30 36 42 48 54 60 66"	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	80.0	80.0	80.0	80.0	80.0	80.0
		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	78.8	70.4	80.0	80.0	80.0
		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	71.3	80.0	80.0	80.0	80.0	67.5	60.3	80.0	80.0
		80.0	76.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	70.5	62.4	80.0	80.0	80.0	80.0	59.1	52.8
		77.9	68.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	62.7	55.5	80.0	80.0	80.0	80.0	52.5	46.9
		70.1	61.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	56.4	49.9	80.0	80.0	80.0	80.0	47.3	42.2
		63.7	55.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	51.3	45.4	76.9	68.1	80.0	80.0	43.0	38.4
30 36 42 48 54 60 66"	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	80.0	80.0	80.0	80.0	80.0	80.0
		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		80.0	72.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		80.0	72.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		73.0	63.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		64.9	56.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		58.4	51.0	80.0	76.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
30 36 42 48 54 60 66"	102"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		78.5	68.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		68.7	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		61.1	53.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		55.0	48.0	80.0	72.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
30 36 42 48 54 60	108"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		80.0	75.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		74.2	64.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		64.9	56.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
		57.7	50.4	80.0	75.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
51.9	45.3	77.9	68.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0		

afc

AL-FAROQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 262-6978

SERIES-RS240 ALUM SLIDING GLASS DOOR (L.M.I.)
R.C. ALUMINUM INDUSTRIES INC.
2805 N.W. 75 TH AVE.
MIAMI, FL. 33122
TEL. (305) 592-1515 FAX. (305) 592-2184

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0815.15
Expiration Date 05/23/09
By: *M. Khalil*
Miami Dade Product Control
Division

Eng: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

DEC 06 2005

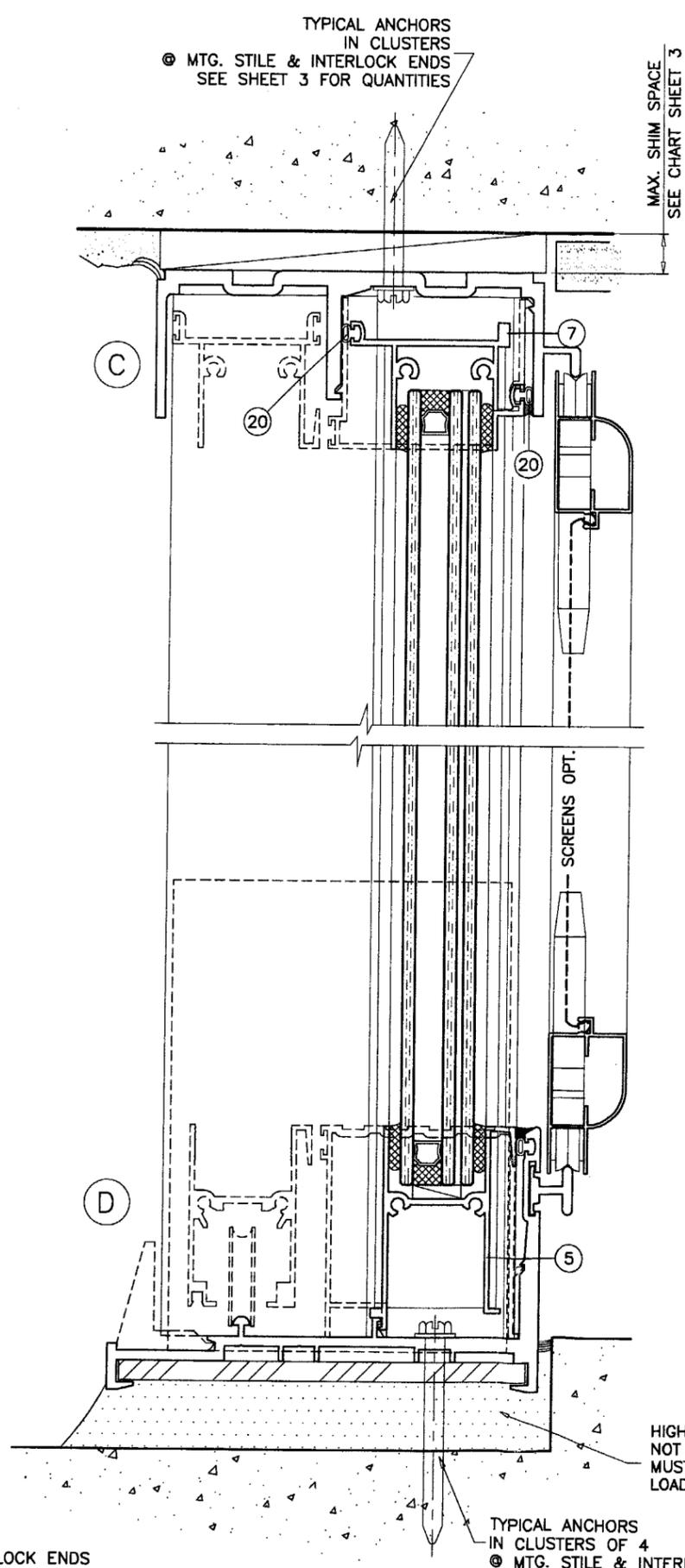
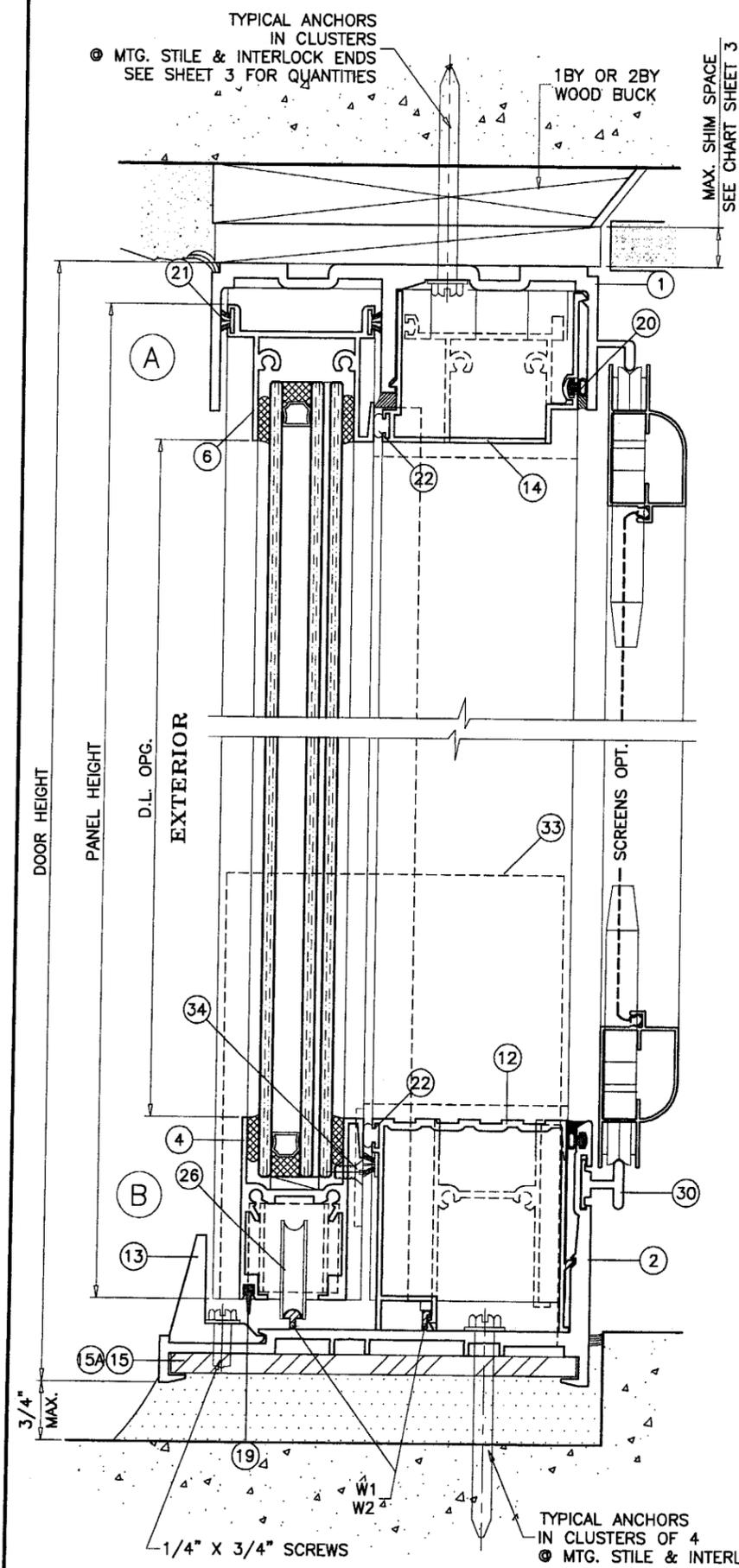
revisions:	no	date	by	description
	A	08.05.05		CHART REV.
	B	11.01.05		NO CHANGE THIS SHEET
	C	12.01.05		NO CHANGE THIS SHEET

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

drawing no.
W03-101

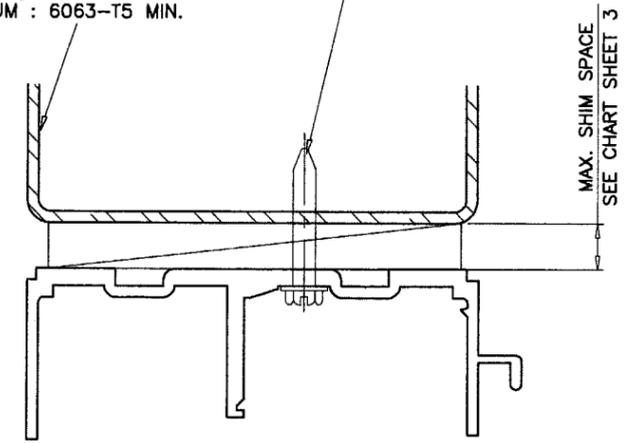
sheet 3 of 7

COMP-ANL\W03-101RC



METAL STRUCTURES (STEEL OR ALUM. 1/8" MIN. THICK)
 STEEL : Fy = 36 KSI MIN.
 ALUMINUM : 6063-T5 MIN.

TYPICAL ANCHORS IN CLUSTERS
 @ MTG. STILE & INTERLOCK ENDS
 SEE SHEET 3 FOR QUANTITIES



WOOD BUCKS NOT BY RC ALUMINUM, 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
 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 'B' 1/4" DIA. HILTI KWIK-CON II
 DIRECTLY INTO MASONRY OR CONCRETE
 1-1/2" MIN. EMBED INTO CONCRETE

TYPE 'C' #14" TEKS OR SELF DRILLING SCREWS
 INTO METAL STRUCTURES (1/8" MIN. THICKNESS)
 INTO APPROVED MULLIONS (NO SHIM SPACE)

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

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

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

DEC 06 2005

PRODUCT REVISED
 as complying with the Florida Building Code
 Approval No 05-0815-15
 Expiration Date 05/23/09

By: *M. Habib*
 Miami Dade Product Control Division

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

R.C. ALUMINUM INDUSTRIES INC.
 2805 N.W. 75 TH AVE.
 MIAMI, FL. 33122
 TEL. (305) 592-1515 FAX. (305) 592-2184

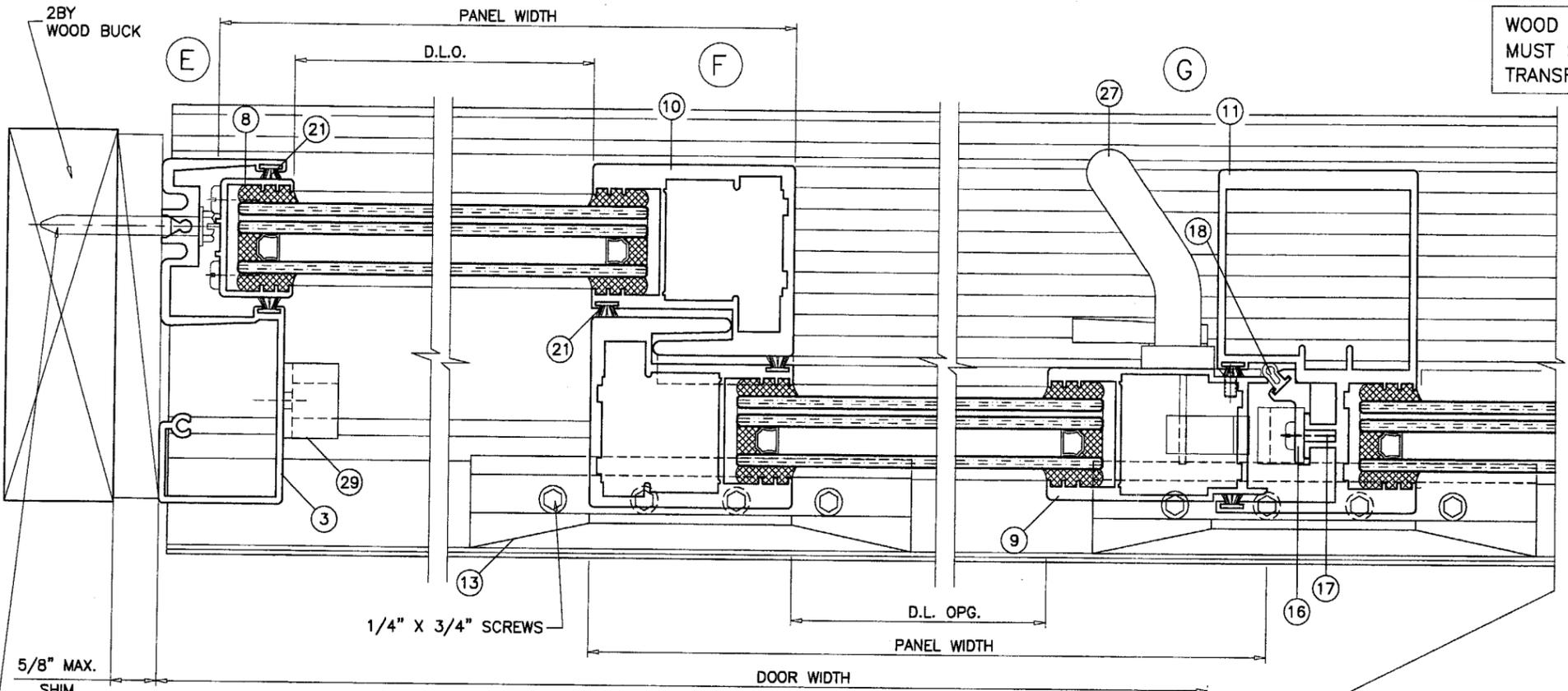
no.	date	description
A	08.05.05	ANCHOR EMBED REV.
B	11.01.05	METAL EDGE DIST. ADDED
C	12.01.05	NO CHANGE THIS SHEET

revisions:

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

drawing no. **W03-101**
 sheet 4 of 7

WOOD BUCKS AND METAL STRUCTURES NOT BY RC ALUMINUM MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



EXTERIOR

TYPICAL ANCHORS SEE ELEVATION FOR SPACING

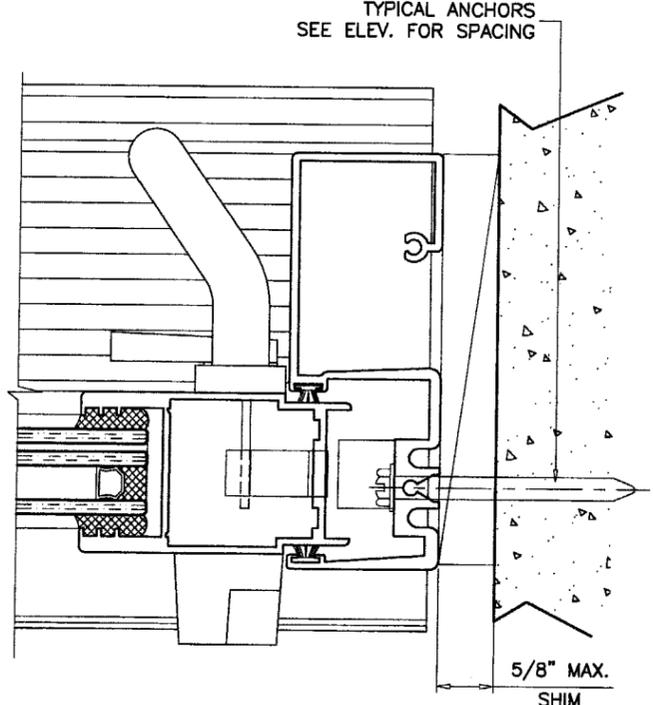
METAL STRUCTURE 1/8" MIN. THICKNESS

TYPICAL ANCHORS SEE ELEV. FOR SPACING

9 ALTERNATE TO JAMB FIX. STILE

METAL STRUCTURES (STEEL OR ALUM. 1/8" MIN. THICK)
 STEEL : Fy = 36 KSI MIN.
 ALUMINUM : 6063-T5 MIN.

5/8" MAX. SHIM



5/8" MAX. SHIM

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

SERIES-RS240 ALUM SLIDING GLASS DOOR (L.M.I.)
R.C. ALUMINUM INDUSTRIES INC.
 2805 N.W. 75 TH AVE.
 MIAMI, FL. 33122
 TEL. (305) 592-1515 FAX. (305) 592-2184

no	date	description
A	08.05.05	NO CHANGE THIS SHEET
B	11.01.05	NO CHANGE THIS SHEET
C	12.01.05	NO CHANGE THIS SHEET

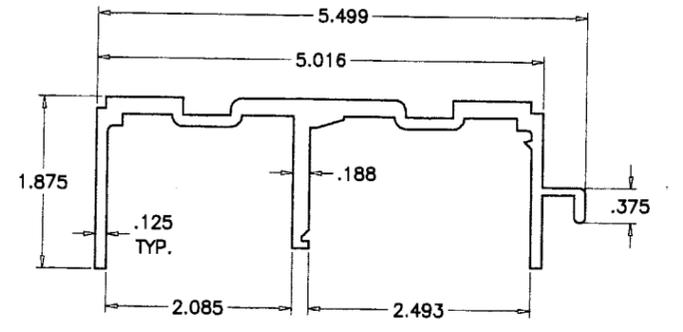
date: 11-10-03
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

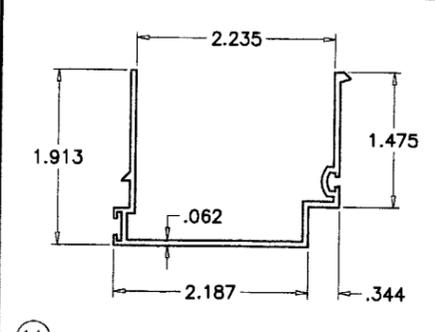
DEC 06 2005

PRODUCT REVIEWED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0815.15
 Expiration Date 05/23/09
 By: *M. Khair*
 Miami Dade Product Control
 Division

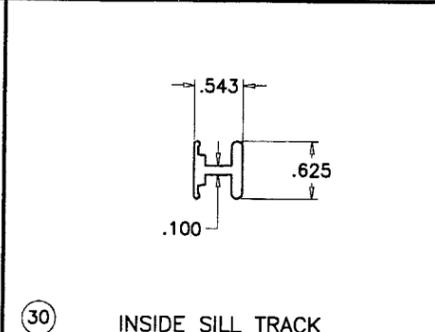
drawing no.
W03-101
 sheet 5 of 7



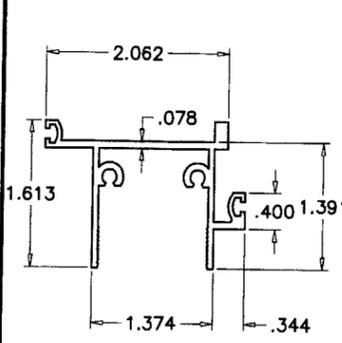
① FRAME HEAD



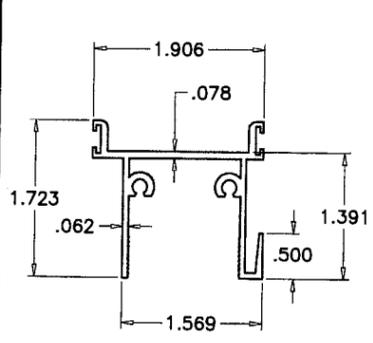
⑭ HEAD COVER



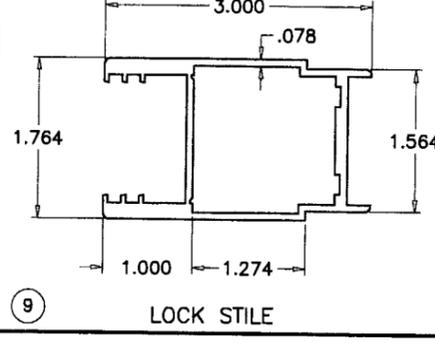
③⑩ INSIDE SILL TRACK



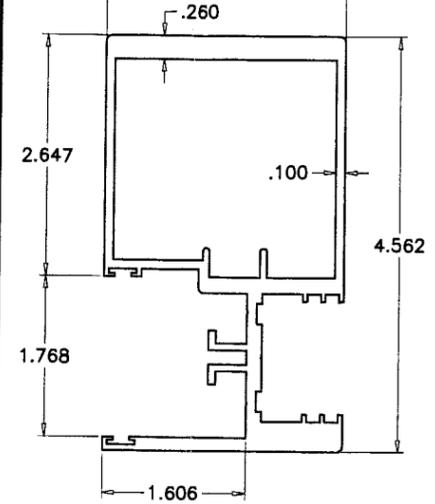
⑦ FIX. TOP RAIL



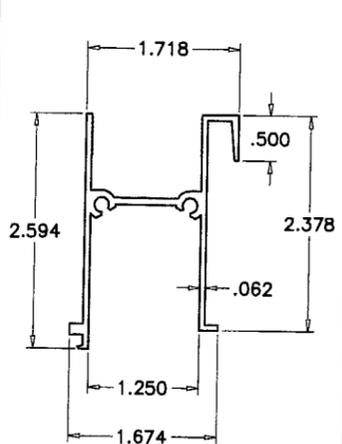
⑥ MOV. TOP RAIL



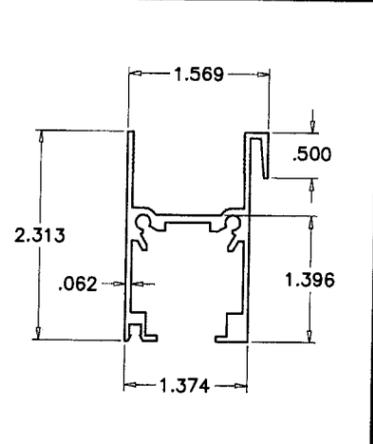
⑨ LOCK STILE



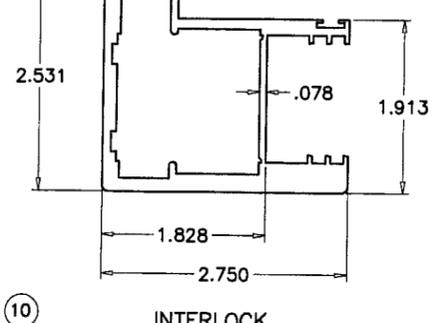
⑪ MTG. STILE



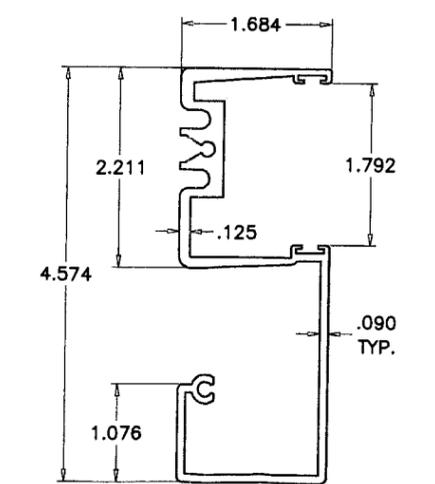
⑤ FIX. BOTTOM RAIL



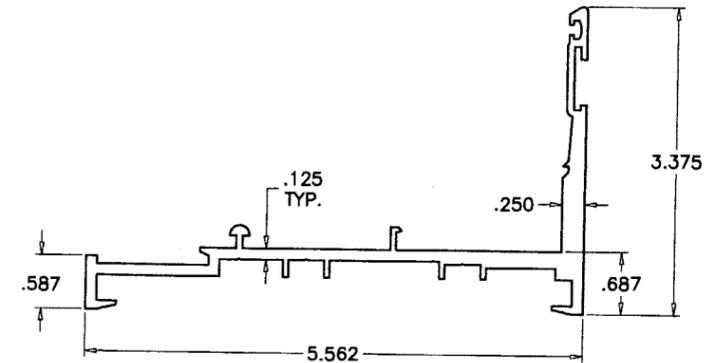
④ MOVING BOTTOM RAIL



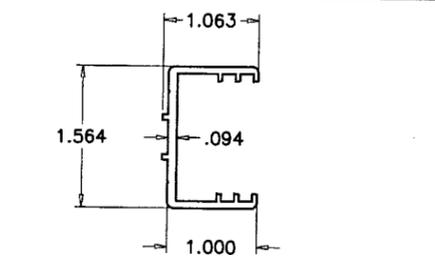
⑩ INTERLOCK



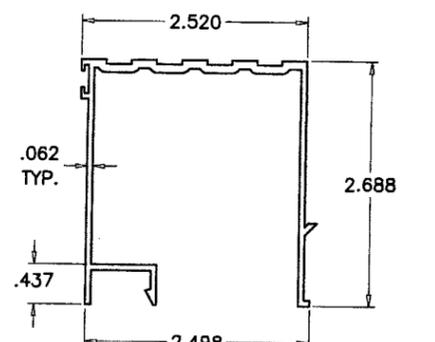
③ FRAME JAMB



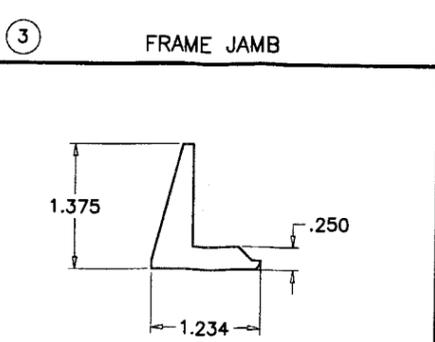
② FRAME SILL



⑧ FIXED STILE



⑫ THRESHOLD COVER



⑬ SILL ANCHOR

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0815.15
 Expiration Date 05/23/09
 By: *M. Khalil*
 Miami State Product Control
 Division

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

DEC 08 2005

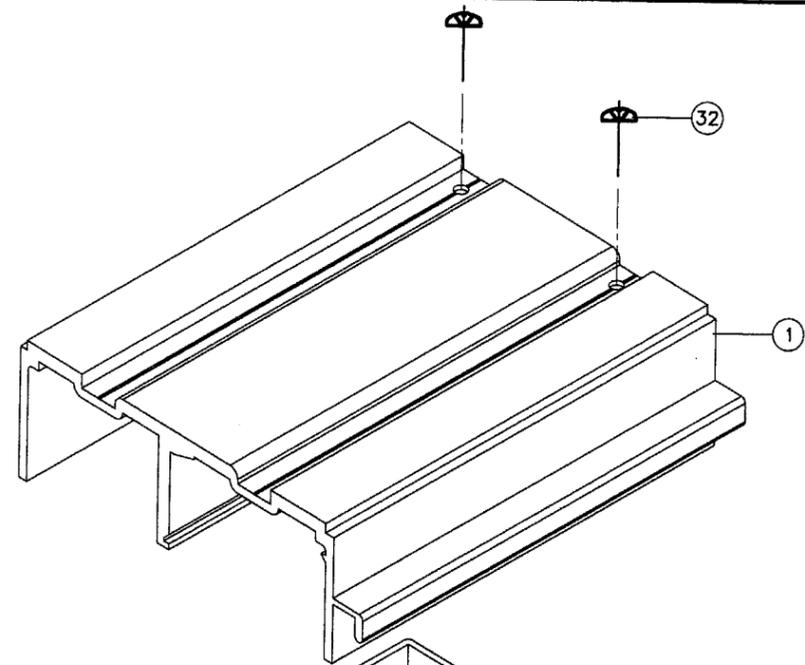
AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W03-101RC

R.C. ALUMINUM INDUSTRIES INC.
 2805 N.W. 75 TH AVE.
 MIAMI, FL. 33122
 TEL. (305) 592-1515 FAX. (305) 592-2184

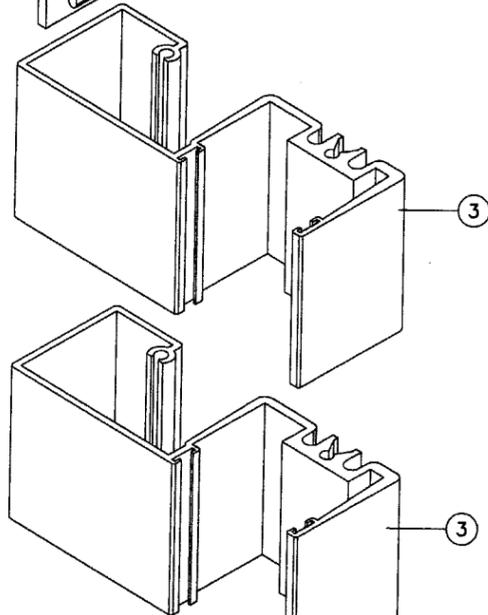
no	date	by	description
A	08.05.05		NO CHANGE THIS SHEET
B	11.01.05		NO CHANGE THIS SHEET
C	12.01.05		REV. PER BCCO COMMENTS

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

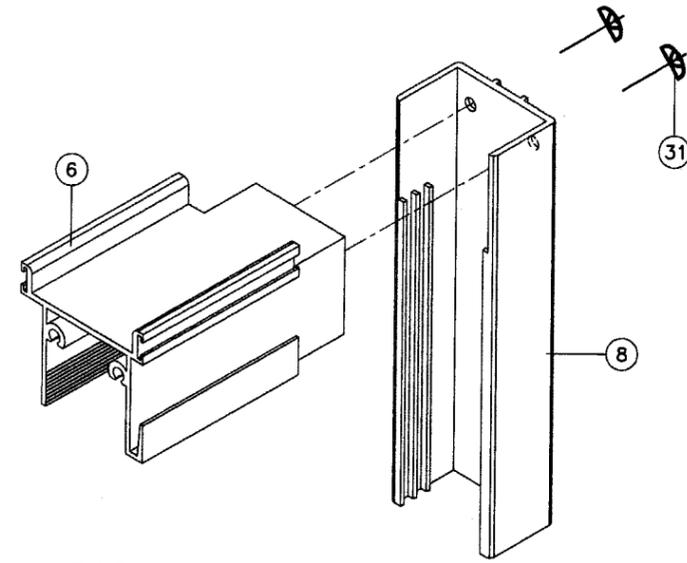
drawing no.
W03-101
 sheet 6 of 7



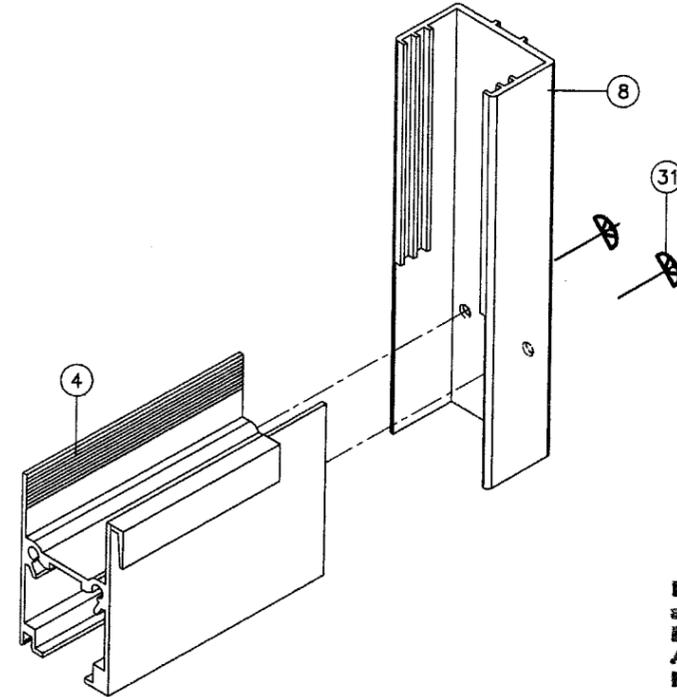
FRAME TOP CORNER



FRAME BOTTOM CORNER



PANEL TOP CORNER



PANEL BOTTOM CORNER

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0815-15
 Expiration Date 05/23/09
 By: *[Signature]*
 Miami Dade Product Control
 Division

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 DEC 06 2005

afC

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

SERIES-RS240 ALUM SLIDING GLASS DOOR (L.M.I.)
R.C. ALUMINUM INDUSTRIES INC.
 2805 N.W. 75 TH AVE.
 MIAMI, FL. 33122
 TEL. (305) 592-1515 FAX. (305) 592-2184

revisions:		no	date	by	description
A	08.05.05				NO CHANGE THIS SHEET
B	11.01.05				NO CHANGE THIS SHEET
C	12.01.05				REV PER BCCO COMMENTS

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

drawing no.
W03-101

sheet 7 of 7