



MIAMI-DADE
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)

R.C. Aluminum Industries, Inc.
2805 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 "HR 100" Aluminum Horizontal Rolling Window

APPROVAL DOCUMENT: Drawing No. **W04-36**, titled "Series RS 100 Alum Horiz. Sliding WDW. (L.M.I.)" Sheets 1 through 4 of 4, prepared by AL-Farooq Corporation, dated 05/04/04 signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and Approval 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 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.**



Handwritten signature and date: 7/14/09

NOA No 04-0608.02
Expiration Date: August 05, 2009
Approval Date: August 05, 2004
Page 1

R.C. Aluminum Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W04-36**, titled "Series RS 100 Alum Horiz. Sliding WDW (L.M.I.)," Sheets 1 through 4 of 4, prepared by AL-Farooq Corporation, dated 05/04/04 signed and sealed by Humayoun Farooq, P.E.

B. TESTS

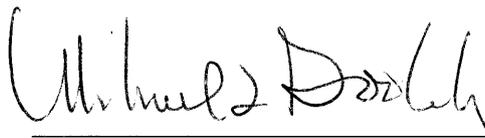
1. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-03-1881**, dated 03/19/04, signed and sealed by Rafael E. Droz-Seda, P.E.
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94
along with marked-up drawings and installation diagram of aluminum sliding window, 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.
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 aluminum sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-03-1880**, dated 12/12/03, signed and sealed by Rafael E. Droz-Seda, P.E.
4. Tensile Test prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-04-T119**, dated 04/23/04, tested per ASTM-E 8-01e1, signed and sealed by Rafael E. Droz-Seda, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300, and structural analysis, prepared by AL-Farooq Corporation, dated 05/21/04, signed and sealed by Humayoun Farooq, P.E.

D. QUALITY ASSURANCE

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



For: **Herminio F. Gonzalez, P.E.**
Director, Product Control Division
NOA No 04-0608.02
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E. MATERIAL CERTIFICATIONS

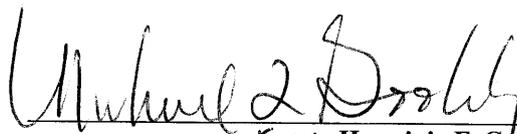
1. Notice of Acceptance No. **00-1212.04** issued to E.I. DuPont DeNemours for "Dupont Butacite ® PVB" dated 02/15/01, expiring on 12/11/05.

F. STATEMENTS

1. Statement letter of conformance and no financial interest dated May 21, 2004 signed and sealed by Humayoun Farooq, P.E.

G. OTHER

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).

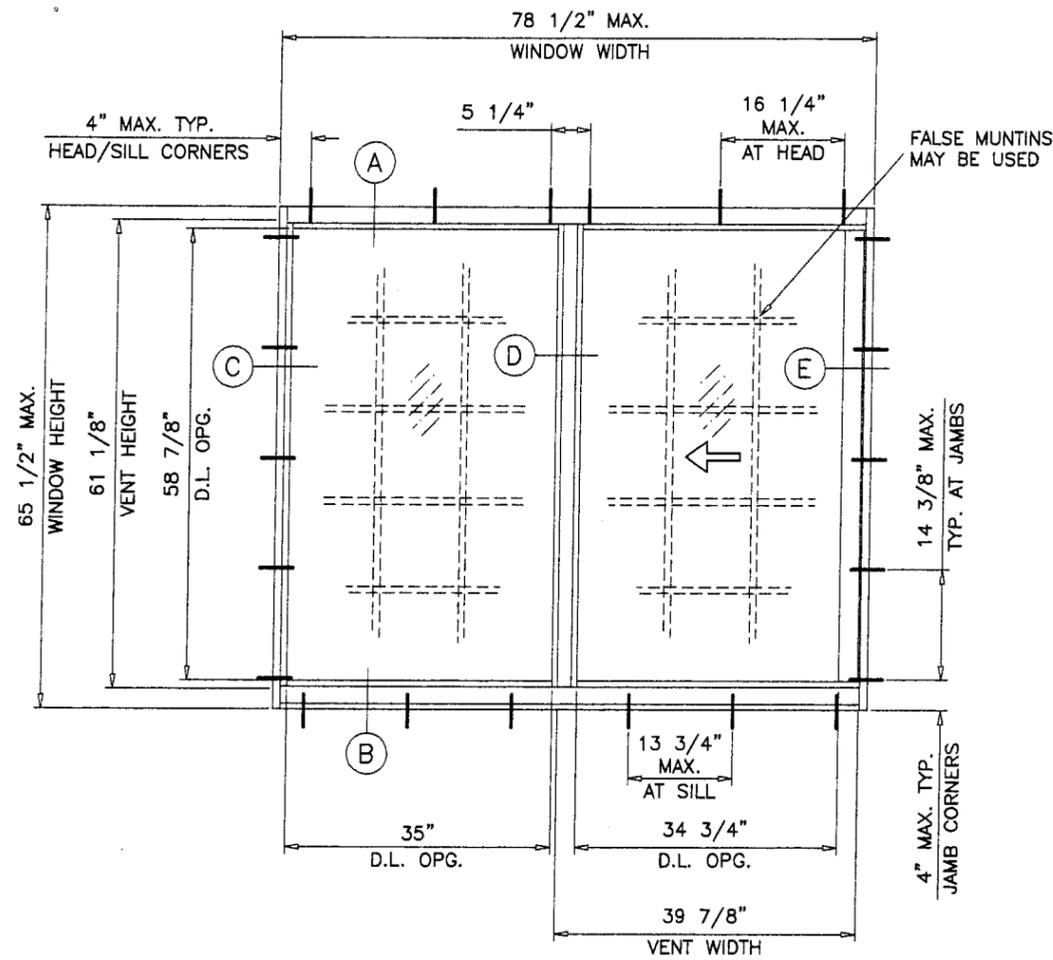


**FOR: Herminio F. Gonzalez, P.E.
Director, Product Control Division**

NOA No 04-0608.02

Expiration Date: August 05, 2009

Approval Date: August 05, 2004



TYPICAL ELEVATION
TESTED UNIT

Approved as complying with the
Florida Building Code
Date: 08/05/04
NOA# 04-0608.02
Miami Code Product Control
Division
By: *Michael J. Paddy*

RS100 ALUM HORIZ. SLIDING WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHART SHOWN ABOVE.

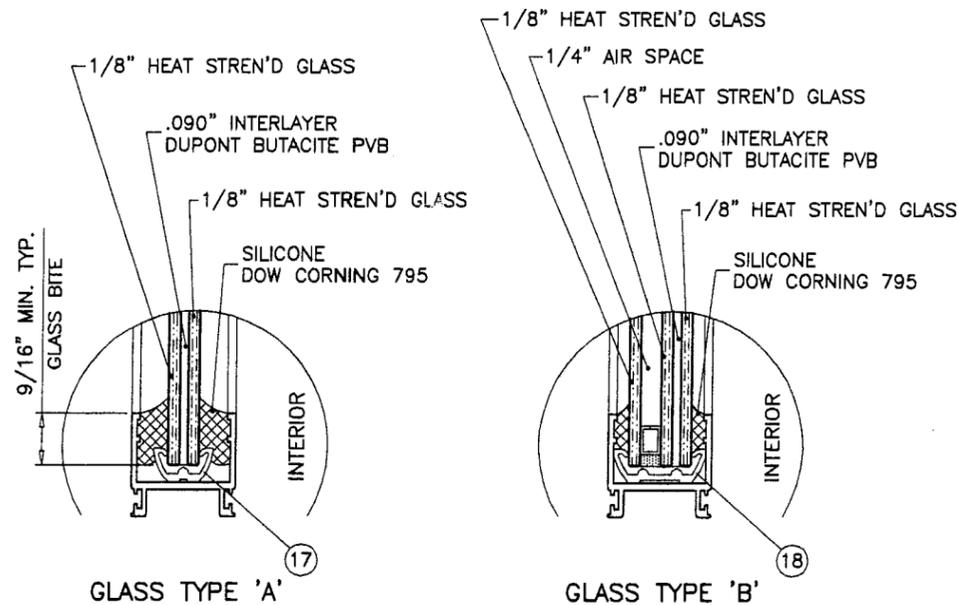
APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR H.R. WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING APPROVED MULLIONS.

THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE.

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

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR 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.



GLAZING OPTIONS

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

DESIGN LOAD CAPACITY - PSF XO OR OX SIZES				
WINDOW DIMS.		A	GLASS TYPE 'A' & 'B'	
WIDTH	HEIGHT		EXT.(+)	INT.(-)
26-1/2"	26" (3)	3	80.0	80.0
37"		3	80.0	80.0
53-1/8"		4	80.0	80.0
26-1/2"	38-3/8" (4)	3	80.0	80.0
37"		3	80.0	80.0
53-1/8"		4	80.0	80.0
26-1/2"	50-5/8" (4)	3	80.0	80.0
37"		3	80.0	80.0
53-1/8"		4	80.0	80.0
26-1/2"	63" (5)	3	80.0	80.0
37"		3	80.0	80.0
53-1/8"		4	80.0	80.0
24"	24" (3)	3	80.0	80.0
36"		3	80.0	80.0
48"		4	80.0	80.0
60"		5	80.0	80.0
72"		5	80.0	80.0
78-1/2"		6	80.0	80.0
24"	36" (3)	3	80.0	80.0
36"		3	80.0	80.0
48"		4	80.0	80.0
60"		5	80.0	80.0
72"		5	80.0	80.0
78-1/2"		6	80.0	80.0
24"	48" (4)	3	80.0	80.0
36"		3	80.0	80.0
48"		4	80.0	80.0
60"		5	80.0	80.0
72"		5	80.0	80.0
78-1/2"		6	80.0	80.0
24"	60" (5)	3	80.0	80.0
36"		3	80.0	80.0
48"		4	80.0	80.0
60"		5	80.0	80.0
72"		5	80.0	80.0
78-1/2"		6	80.0	80.0
24"	65-1/2" (5)	3	80.0	80.0
36"		3	80.0	80.0
48"		4	80.0	80.0
60"		5	80.0	80.0
72"		5	80.0	80.0
78-1/2"		6	80.0	80.0

A = NO. OF ANCHORS PER HEAD & SILL
() = NO. OF ANCHORS PER JAMB

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

MAY 28 2004

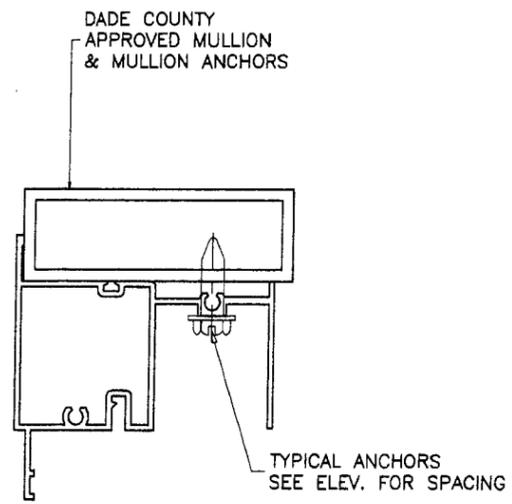
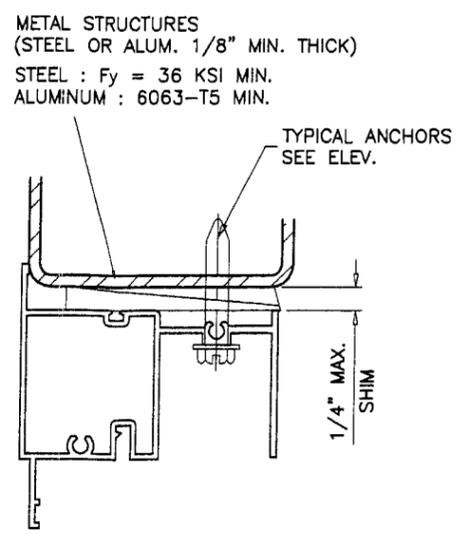
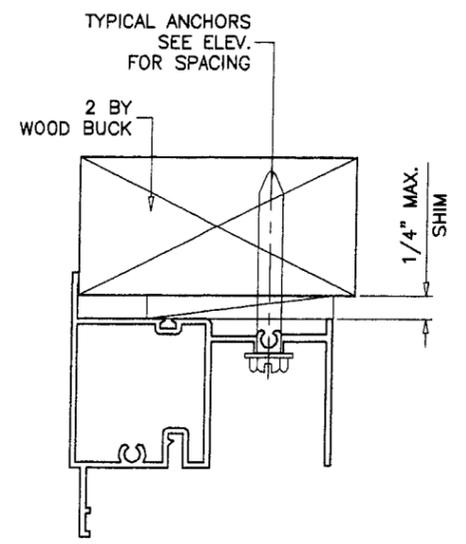
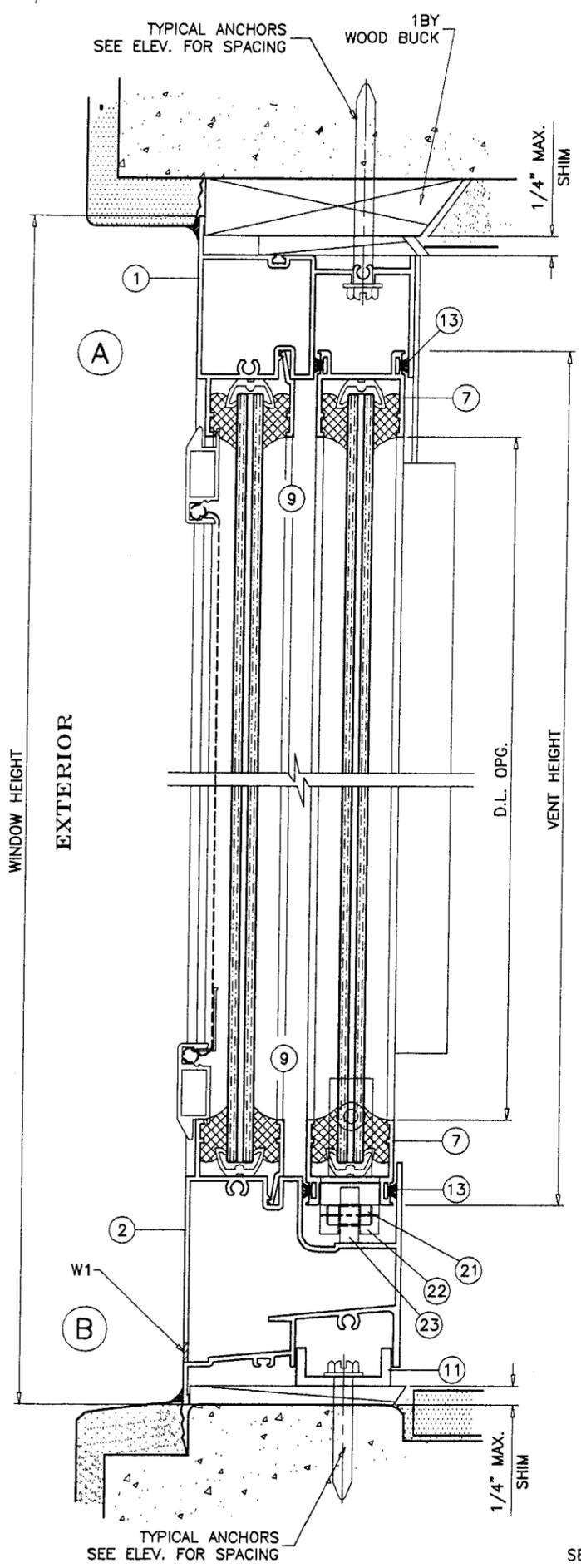
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W04-36RC

RS100 ALUM HORIZ. SLIDING WDW. (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	description

date: 05-04-04
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:
drawing no. **W04-36**
sheet 1 of 4



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

1/4" HILTI KWIK-CON II
 INTO WOOD STRUCTURES
 WITH 1-1/2" MIN. PENETRATION INTO WOOD
 THRU WOOD BUCKS INTO MASONRY
 WITH 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

1/4" HILTI KWIK-CON II
 DIRECTLY INTO MASONRY
 WITH 1-1/4" MIN. EMBED INTO MASONRY

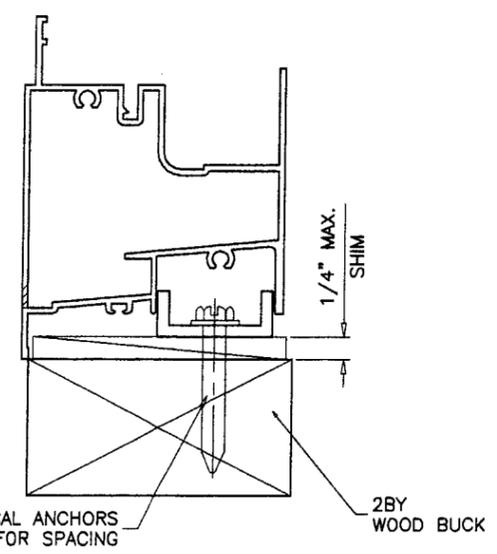
1/4-20 KWIK-FLEX SELF DRILLING SCREWS BY 'HILTI'
 INTO METAL STRUCTURES
 (STEEL OR ALUMINUM 1/8" MIN. THICK.)

STEEL : Fy = 36 KSI MIN.
 ALUMINUM : 6063-T5 MIN.

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

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

WEEPHOLES:
 W1 = 1/4" X 1" WEEP HOLES AT 5" FROM EACH END AND AT MIDSPAN.



Approved as complying with the
 Florida Building Code
 Date 08/05/04
 NOA# 04-0608.02
 Miami Dade Product Control
 Division
 By *Michael Dooly*

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16357
 C.A.N. 3538
 MAY 28 2004

AL-FAROOQ CORPORATION
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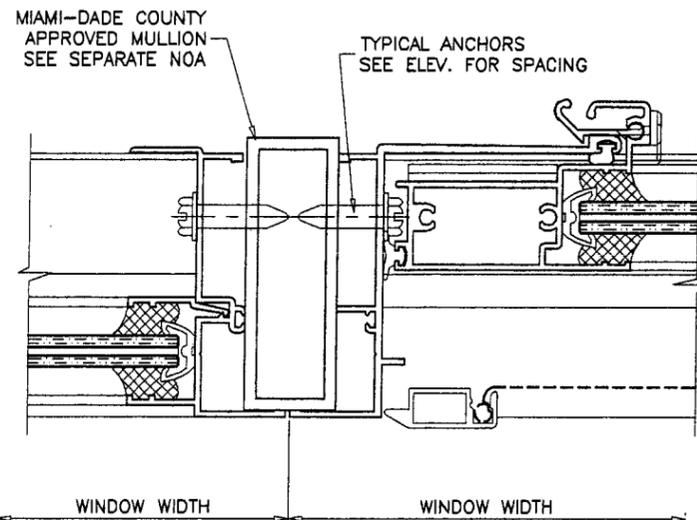
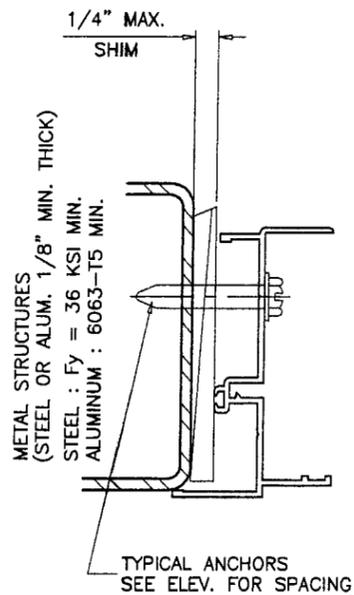
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revisions:	no	date	by	description

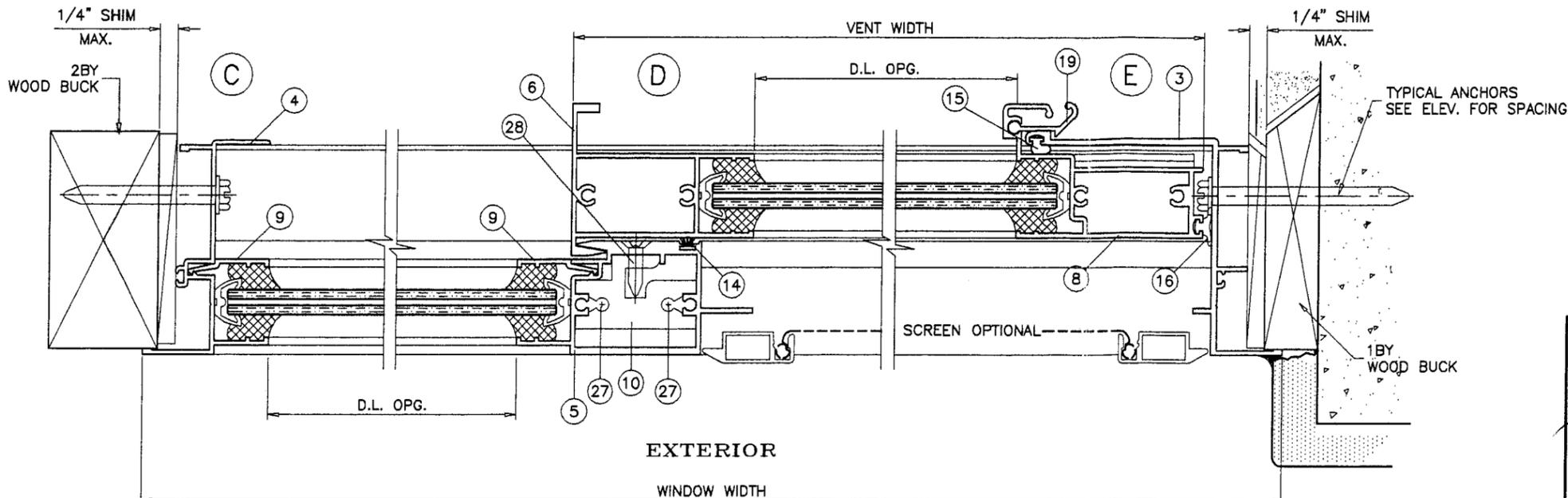
date: 05-04-04
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W04-36

sheet 2 of 4



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	RS100-001	1	FRAME HEAD	6063-T5	-
2	RS100-002	1	FRAME SILL	6063-T5	-
3	RS100-007A	1	FRAME JAMB VENT	6063-T5	-
4	RS100-008	1	FRAME JAMB FIXED	6063-T5	-
5	RS100-004	1/	VENT	FIXED RAIL	6063-T5
6	RS100-003	1/	VENT	VENT MEETING RAIL	6063-T5
7	RS100-009	2/	VENT	TOP AND BOTTOM RAIL	6063-T5
8	RS100-006	1/	VENT	JAMB STILE	6063-T5
9	500Y-007	AS REQD.	GLAZING BEAD	6063-T6	-
10	RS100-005	1	SLIDE ANCHOR CLIP	6063-T5	1" LONG
11	-	1	ANCHOR CHANNEL	6063-T6	-
12	-	-	-	-	-
13	W3323INK	4	WEATHER STRIPPING PILE (VENT)	-	-
14	W3323INK	1	WEATHER STRIPPING PILE (MEETING RAIL)	-	-
15	Q-LON	1	Q-375 X 190 WHITE	-	-
16	V-033	1	WEATHER STRIPPING GASKET	NEOPRENE	-
17	V-054	1	VINYL LAM. GLASS	PVC	-
18	V-055	1	VINYL LAM. INSUL. GLASS	PVC	-
19	P-023	2	HANDICAP FINGER LOCK	RIGID VINYL	6" FROM EACH END
20	-	-	-	-	-
21	RS100-MI	2	AXLE PIN	ST./ST.	-
22	P-016	2	WHEEL RETAINER HOUSING	-	-
23	P-024	2	KNURLED AXILE	ST./ST.	-
24	-	-	-	-	-
25	#10 X 1"	AS REQD.	FRAME ASSY. SCREWS	ST. STEEL	PH P.H.
26	#10 X 3/4"	AS REQD.	VENT ASSY. SCREWS	ST. STEEL	MS
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.



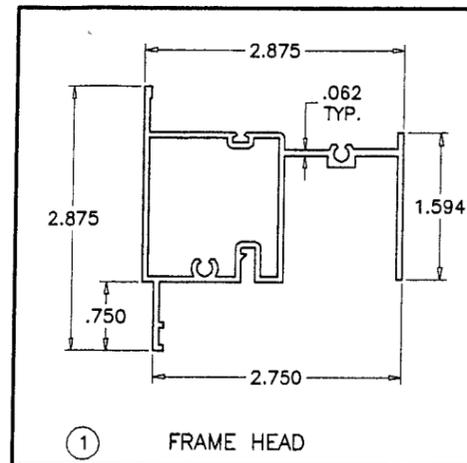
Approved as complying with the
 Florida Building Code
 Date 08/05/04
 NOAH 04-0008.02
 Miami Dade Product Control
 Division
 By: *[Signature]*

Engr: DR. HUMAYGUN FARGOO
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 MAY 28 2004

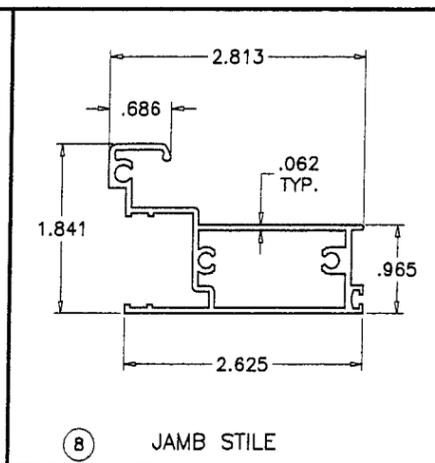
afc
AL-FAROOQ CORPORATION
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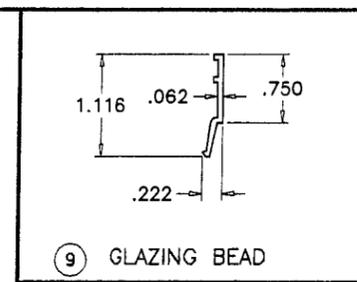
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dr. by:	HAMID	chk. by:		
drawing no.	W04-36			
sheet	3 of 4			



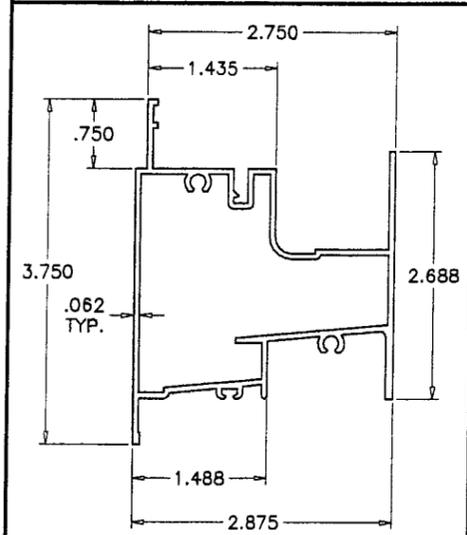
① FRAME HEAD



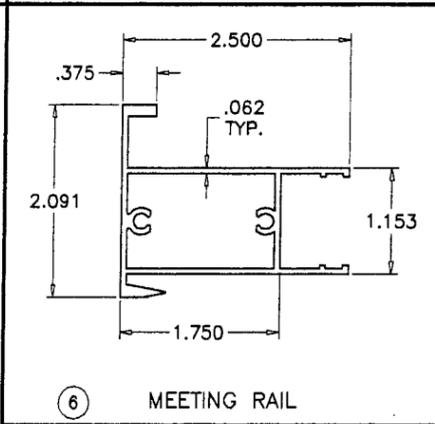
⑧ JAMB STILE



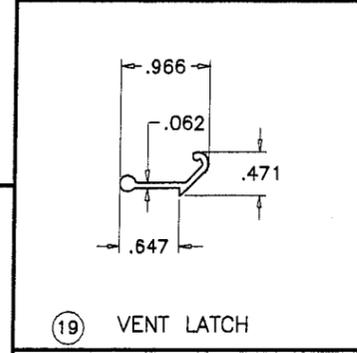
⑨ GLAZING BEAD



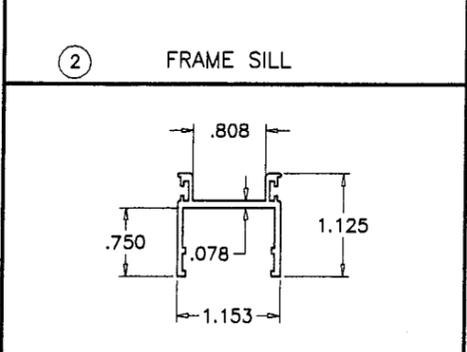
② FRAME SILL



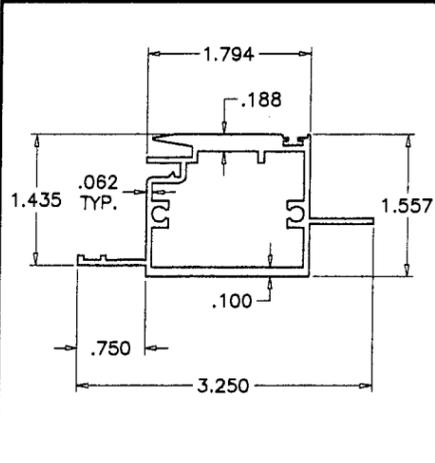
⑥ MEETING RAIL



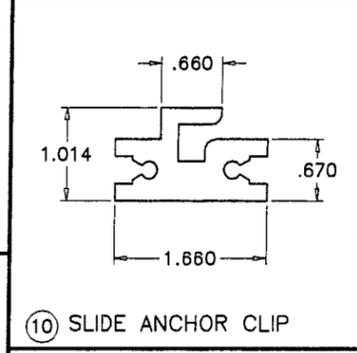
⑱ VENT LATCH



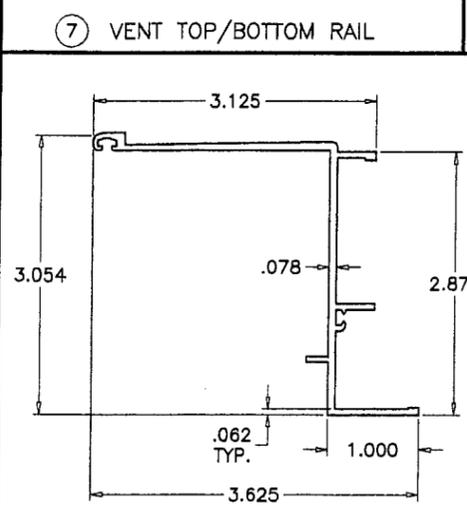
⑦ VENT TOP/BOTTOM RAIL



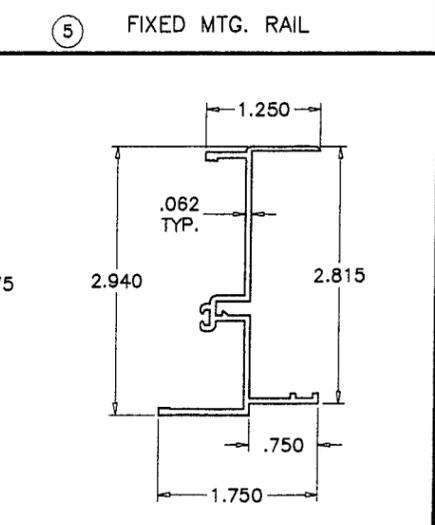
⑤ FIXED MTG. RAIL



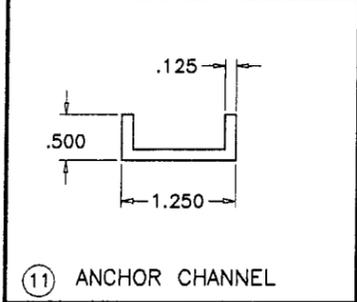
⑩ SLIDE ANCHOR CLIP



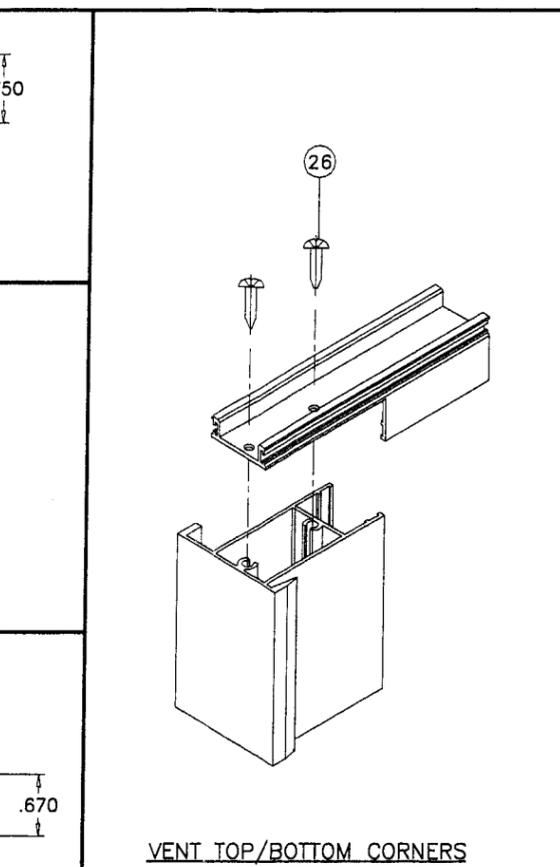
③ FRAME JAMB VENT



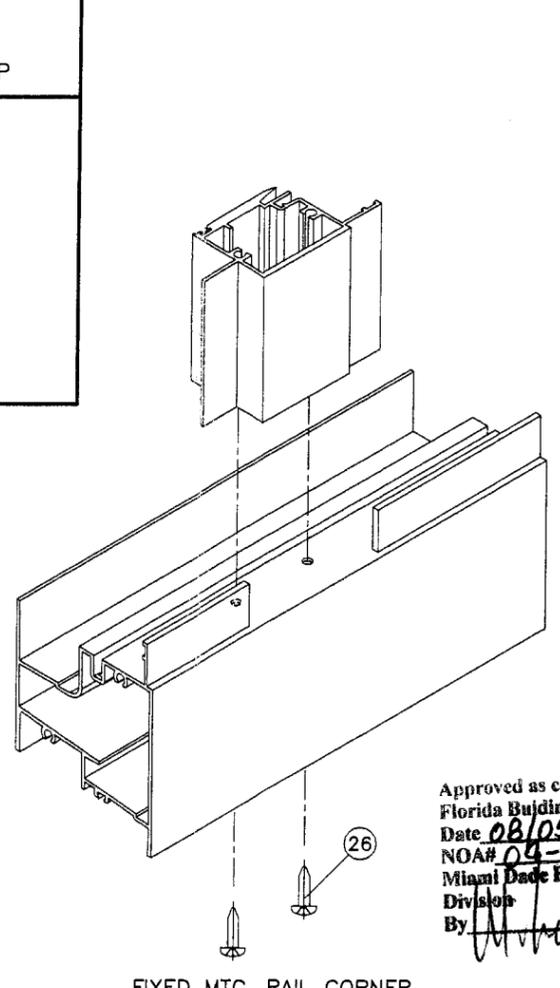
④ FRAME JAMB FIXED



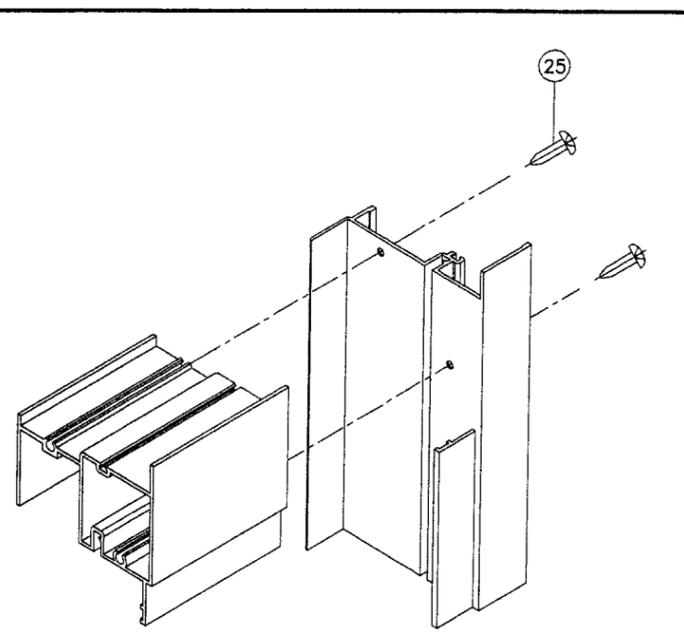
⑪ ANCHOR CHANNEL



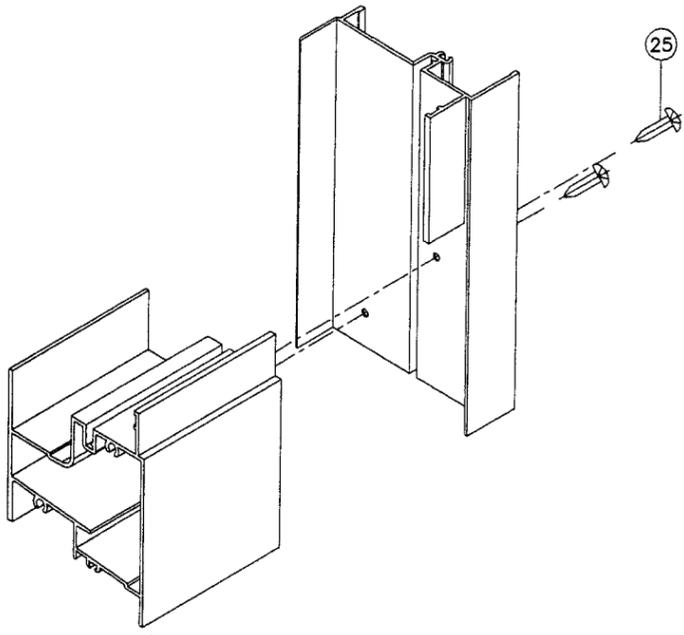
VENT TOP/BOTTOM CORNERS



FIXED MTG. RAIL CORNER



FRAME TOP CORNER



FRAME BOTTOM CORNER

Approved as complying with the
 Florida Building Code
 Date 08/05/04
 NOA# 04-0608-02
 Miami Dade Product Control
 Division
 By: *[Signature]*

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
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MAY 28 2004

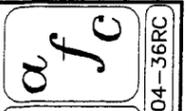
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revisions:	no	date	by	description

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

drawing no.
W04-36
 sheet 4 of 4



COMP-ANL\W04-36RC