



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
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Eurotech Industries, Inc.
250 NE 32 Street
Fort Lauderdale, FL 33334

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: Aluminum Casement Window-LMI

APPROVAL DOCUMENT: Drawing No. **W03-80**, titled "Aluminum Casement Window", sheets 1 through 5 of 5, dated 09/05/03, with last revision on 05/09/06, prepared by AL-Farooq Corporation, 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 No. **03-1016.02** consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

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



Jaime D. Gascon
12/20/06

NOA No 06-1019.03
Expiration Date: February 05, 2009
Approval Date: January 11, 2007
Page 1

Eurotech Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-80**, titled "Aluminum Casement Window", sheets 1 through 5 of 5, dated 09/05/03, with last revision on 05/09/06, prepared by AL-Farooq Corporation, 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 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of an aluminum casement window, prepared by Hurricane Engineering & Testing Inc., Test Report No. HETI-03-1315 and HETI-03-1317, dated 05/12/03 and 05/14/03, signed and sealed by Rafael E. Droz-Seda, P.E.
2. Test reports on:
 - 1) Large Missile Impact Test per FBC, TAS 201-94
 - 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of an aluminum casement window, prepared by Hurricane Engineering & Testing Inc., Test Report No. HETI-03-1822, dated 05/12/03 and 05/14/03, signed and sealed by Rafael E. Droz-Seda, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by Simonton Windows, dated 06/16/06, signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E1300-98

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **06-0216.06** issued to Solutia, Inc. for "Clear or Colored Interlayer" dated 05/05/06, expiring on 05/21/11.

F. STATEMENTS

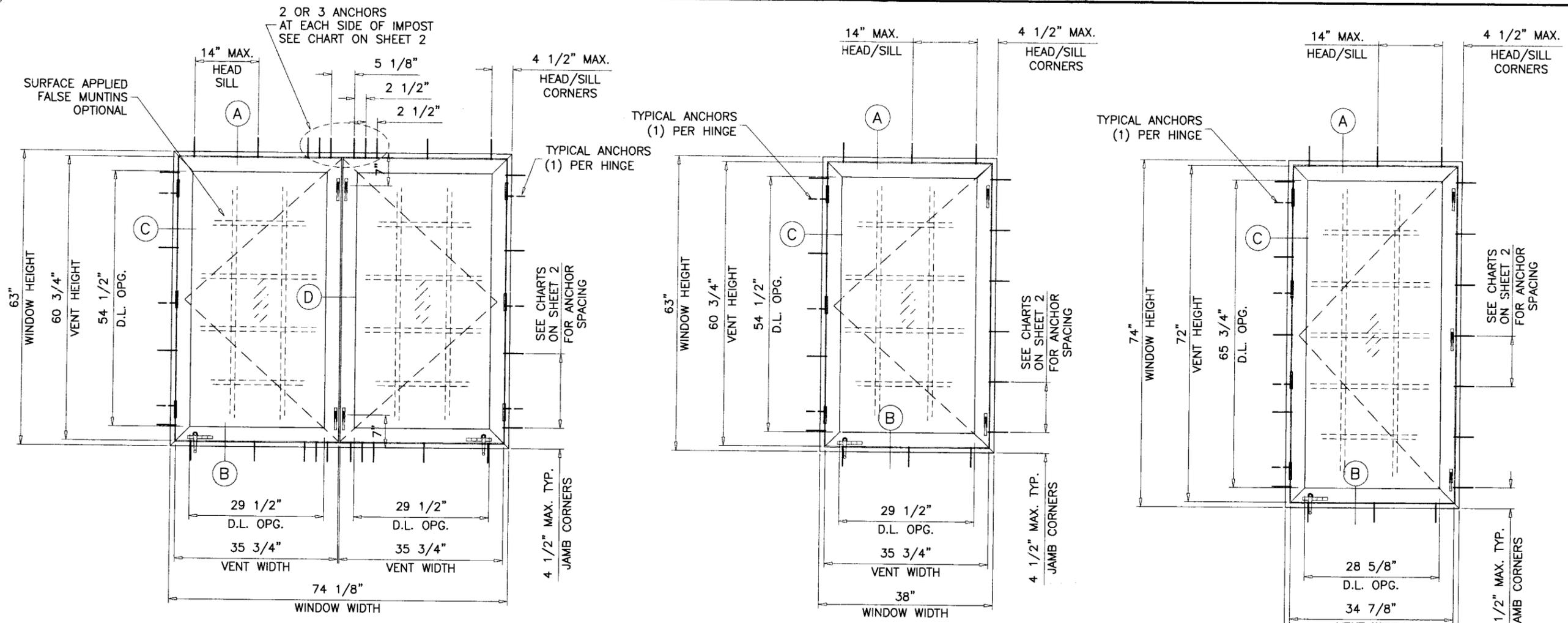
1. Statement letter of compliance, dated April 26, 2006, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest issued by AL Farooq Corporation, dated April 27, 2006, signed and sealed by Humayoun Farooq, P.E.

G. OTHER

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



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No 06-1019.03
Expiration Date: February 05, 2009
Approval Date: January 11, 2007

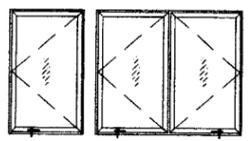


TYPICAL ELEVATIONS

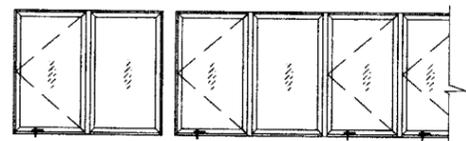
ALUMINUM CASEMENT WINDOW (IMPACT)

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE VENT WINDOWS OR DUAL VENT WINDOWS USING INTEGRAL IMPOST.



ALSO SIDE BY SIDE COMBINATIONS OF CASEMENT/CASEMENT OF TWO OR MORE WINDOWS USING APPROVED MULLIONS.



THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION (REV. 2005) 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 IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4 (SUPPLEMENT 2005).

WINDOWS GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT AND DO NOT REQUIRE SHUTTERS.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538
[Signature]
OCT 05 2006

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 06-1019-03
Expiration Date 02/05/09
By *[Signature]*
Miami Dade Product Control Division

afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
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TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W03-80EWD

ALUMINUM CASEMENT WINDOW (L.M.I.)
EUROTECH WINDOWS & DOORS
250 N.E. 32nd STREET
FT. LAUDERDALE, FL. 33334
TEL. (954) 630-9967 TEL. (954) 630-0217

no	date	description
A	01.10.04	GLASS OPTION ADDED
B	05.09.06	UPDATED FOR 2004 FBC

revisions:

date: 09-05-03
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

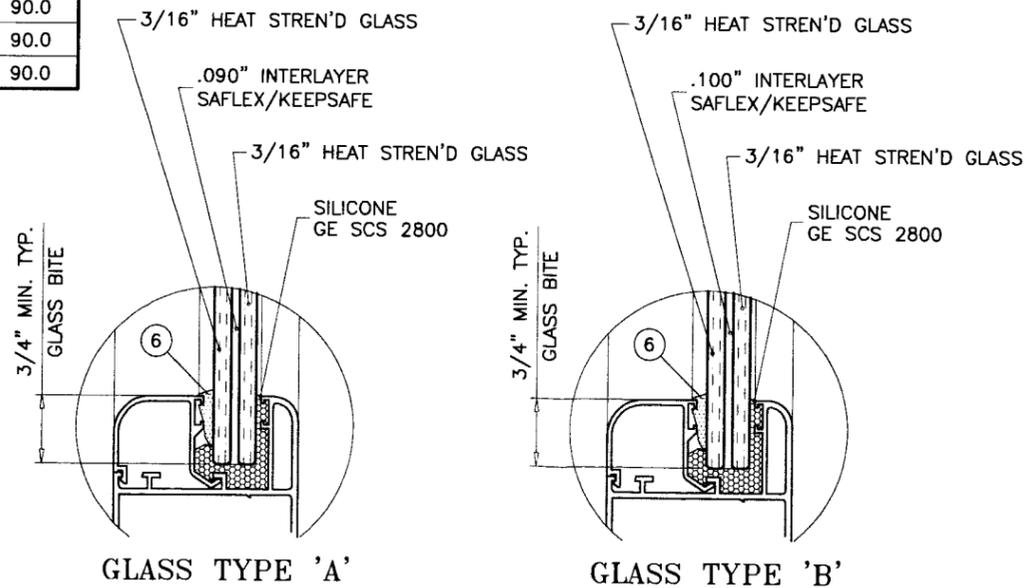
drawing no.
W03-80

sheet 1 of 5

DESIGN LOAD CAPACITY - PSF FOR (X) SIZES									
WINDOW DIMS.		GLASS TYPE 'A'				GLASS TYPE 'B'			
		JAMB ANCHORS AT 16" O.C.		JAMB ANCHORS AT 8" O.C.		JAMB ANCHORS AT 16" O.C.		JAMB ANCHORS AT 8" O.C.	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
19-1/8"	26"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
26-1/2"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
37"		75.0	75.0	75.0	75.0	75.0	85.3	75.0	90.0
19-1/8"	38-3/8"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
26-1/2"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
37"		75.0	75.0	75.0	75.0	75.0	77.1	75.0	90.0
19-1/8"	50-5/8"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
26-1/2"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
37"		73.0	73.0	75.0	75.0	73.0	73.0	75.0	90.0
19-1/8"	63"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
26-1/2"		75.0	75.0	75.0	75.0	75.0	81.9	75.0	90.0
37"		58.7	58.7	75.0	75.0	58.7	58.7	75.0	90.0
19-1/8"	74"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
26-1/2"		75.0	75.0	75.0	75.0	75.0	83.7	75.0	90.0
37"		-	-	-	-	60.0	60.0	75.0	90.0
18"	24"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
24"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
30"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
36"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
18"	36"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
24"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
30"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
36"		75.0	75.0	75.0	75.0	75.0	84.4	75.0	90.0
18"	48"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
24"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
30"		75.0	75.0	75.0	75.0	75.0	76.0	75.0	90.0
36"		63.3	63.3	75.0	75.0	63.3	63.3	75.0	90.0
18"	60"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
24"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
30"		75.0	75.0	75.0	75.0	75.0	76.0	75.0	90.0
36"		63.3	63.3	75.0	75.0	63.3	63.3	75.0	90.0
18"	72"	75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
24"		75.0	75.0	75.0	75.0	75.0	90.0	75.0	90.0
30"		75.0	75.0	75.0	75.0	75.0	76.0	75.0	90.0
36"		-	-	-	-	63.3	63.3	75.0	90.0

DESIGN LOAD CAPACITY - PSF FOR (XX) SIZES					
WINDOW DIMS.		GLASS TYPE 'A' & 'B'			
		JAMB ANCHORS AT 16" O.C.			
WIDTH	HEIGHT	2 ANCHOR AT EACH SIDE OF IMPOST		3 ANCHORS AT EACH SIDE OF IMPOST	
		EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)
26-1/2"	26"	75.0	75.0	75.0	75.0
37"		75.0	75.0	75.0	75.0
53-1/8"		75.0	75.0	75.0	75.0
74"		75.0	75.0	75.0	75.0
26-1/2"	38-3/8"	75.0	75.0	75.0	75.0
37"		75.0	75.0	75.0	75.0
53-1/8"		75.0	75.0	75.0	75.0
74"		75.0	75.0	75.0	75.0
26-1/2"	50-5/8"	75.0	75.0	75.0	75.0
37"		75.0	75.0	75.0	75.0
53-1/8"		75.0	75.0	75.0	75.0
74"		65.7	65.7	75.0	75.0
26-1/2"	63"	75.0	75.0	75.0	75.0
37"		75.0	75.0	75.0	75.0
53-1/8"		73.6	73.6	75.0	75.0
74"		52.8	52.8	61.0	61.0
24"	24"	75.0	75.0	75.0	75.0
36"		75.0	75.0	75.0	75.0
48"		75.0	75.0	75.0	75.0
60"		75.0	75.0	75.0	75.0
72"	75.0	75.0	75.0	75.0	
24"	36"	75.0	75.0	75.0	75.0
36"		75.0	75.0	75.0	75.0
48"		75.0	75.0	75.0	75.0
60"		75.0	75.0	75.0	75.0
72"	75.0	75.0	75.0	75.0	
24"	48"	75.0	75.0	75.0	75.0
36"		75.0	75.0	75.0	75.0
48"		75.0	75.0	75.0	75.0
60"		75.0	75.0	75.0	75.0
72"	71.3	71.3	75.0	75.0	
24"	60"	75.0	75.0	75.0	75.0
36"		75.0	75.0	75.0	75.0
48"		75.0	75.0	75.0	75.0
60"		68.4	68.4	75.0	75.0
72"	57.0	57.0	72.6	72.6	

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON
A: ASTM E1300-98 (60 SEC. WIND)
B: ASTM E1300-02 (3 SEC. GUSTS) WITH REDUCTIONS FOR FLEXIBLE SUPPORTS TO COMPLY WITH SECTION 2403.2 OF FBC 2004 EDITION.



GLAZING OPTIONS

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

05 2006

PRODUCT-REVISED
as complying with the Florida
Building Code
Acceptance No. 04-1019.03
Expiration Date 02/05/09
By: *[Signature]*
Manual Build Product Control
Division

afC

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W03-80EWD

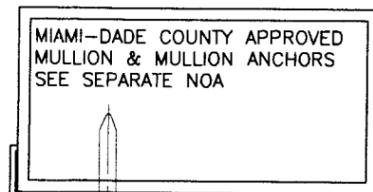
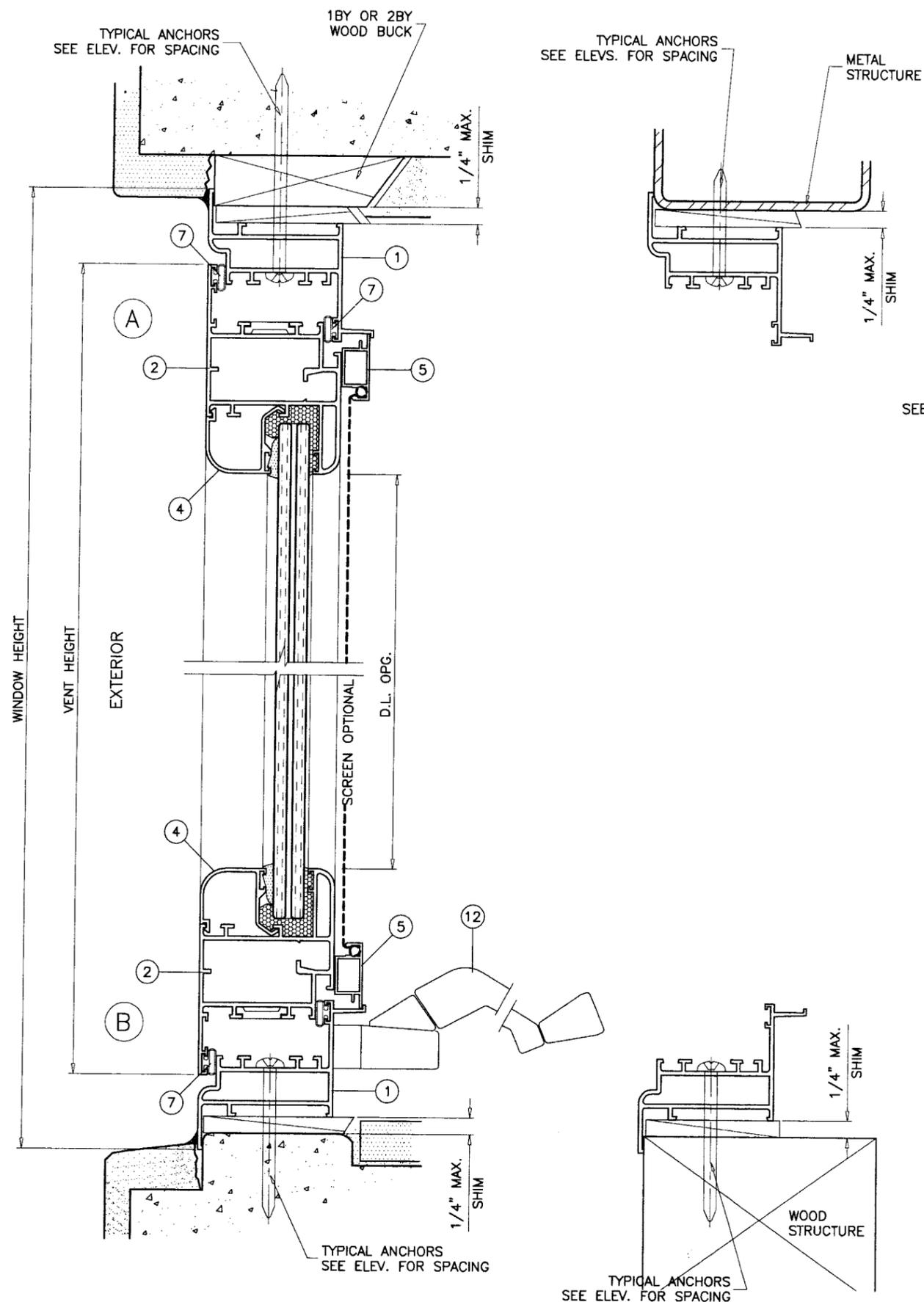
ALUMINUM CASEMENT WINDOW (L.M.I.)
EUROTECH WINDOWS & DOORS
250 N.E. 32nd STREET
FT. LAUDERDALE, FL. 33334
TEL. (954) 630-9967 TEL. (954) 630-0217

no	date	description
A	01.10.04	GLASS OPTION ADDED
B	05.09.06	UPDATED FOR 2004 FBC

revisions:
date: 09-05-03
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no. **W03-80**
sheet 2 of 5

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



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- 1/4" TAPCONS**
 INTO WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD
 THRU 1BY OR 2BY WOOD BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- 1/4" TEKS OR SELF DRILLING SCREWS**
 INTO METAL STRUCTURES
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS

- INTO DADE COUNTY APPROVED MULLIONS
 (NO SHIM SPACE)
- MIN. EDGE DISTANCES**
 INTO CONCRETE AND MASONRY = 1-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 1/2" MIN.

SEALANTS:

ALL FRAME AND VENT CORNERS AND INSTALLATION SCREWS SEALED WITH CLEAR/ALUMINUM COLORED SILICONE.

PRODUCT REVISED
 to comply with the Florida Building Code
 Acceptance No. 02-1019.03
 Expiration Date 02/05/09
 By: *[Signature]*
 Miami-Dade Product Control Division

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

OCT 05 2006

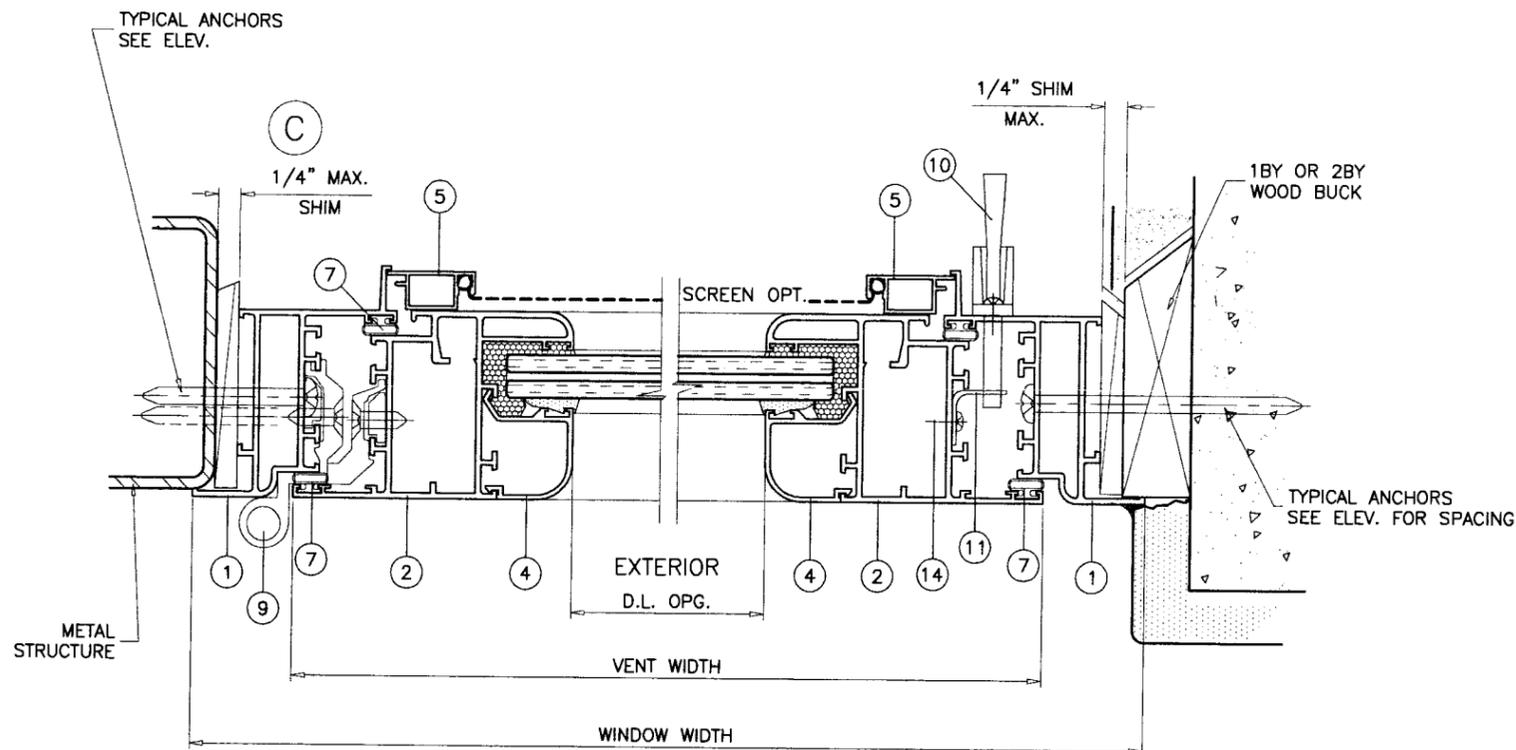
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 COMP-ANL\W03-80EWD

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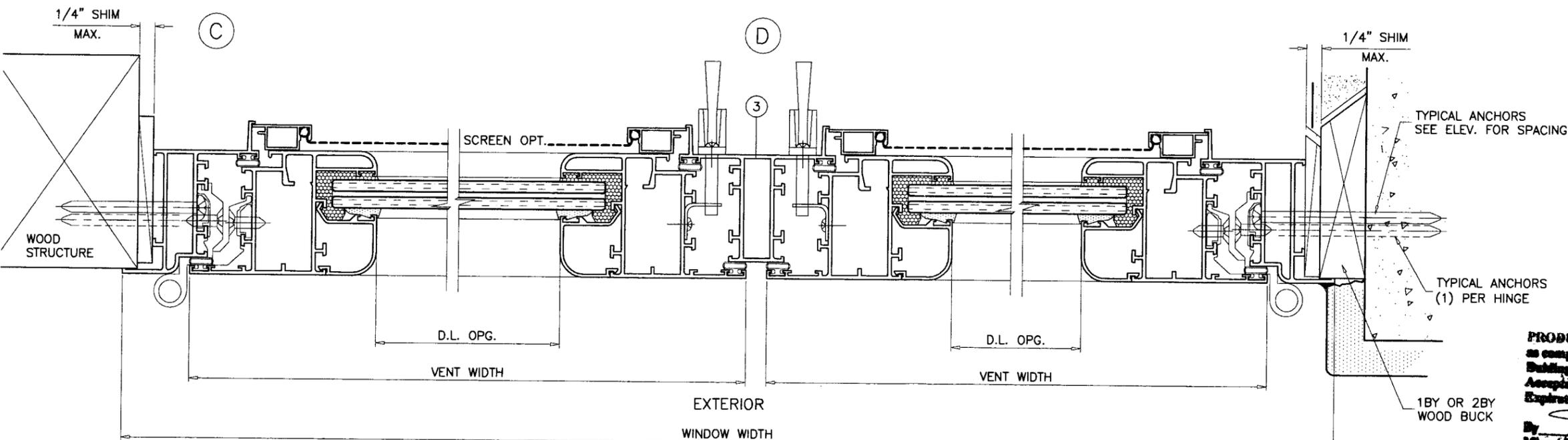
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A	01.10.04	NO CHANGE THIS SHEET
B	05.09.06	UPDATED FOR 2004 FBC

date: 09-05-03
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

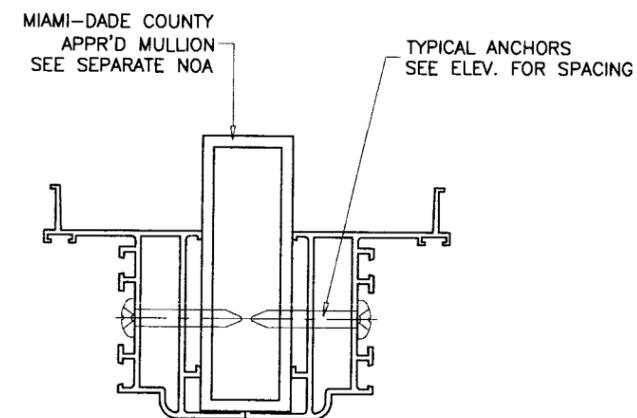
drawing no.
W03-80
 sheet 3 of 5



SINGLE VENT WINDOWS



DUAL VENT WINDOWS



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 06-1019.03
 Expiration Date 02/05/09
 By *[Signature]*
 Miami Dade Product Control
 Division

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

OCT 05 2006

af c
AL-FAROOQ CORPORATION
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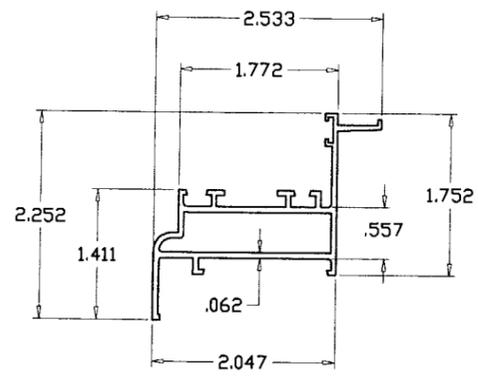
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no	date	description
A	10.10.04	NO CHANGE THIS SHEET
B	05.09.06	UPDATED FOR 2004 FBC

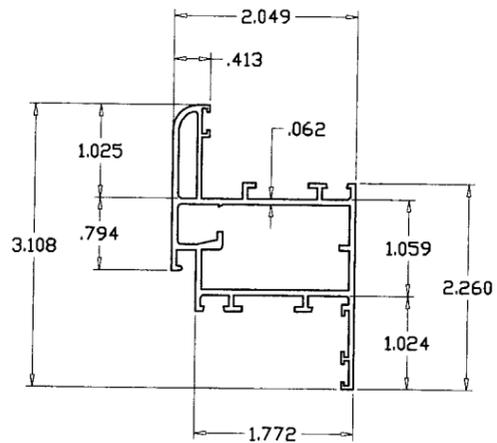
date:	09-05-03	scale:	1/2" = 1"
dr. by:	HAMID	chk. by:	

drawing no.
W03-80
 sheet 4 of 5

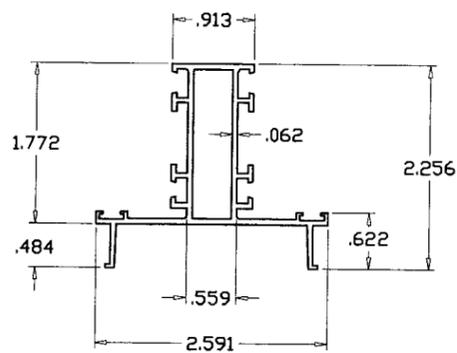
COMP-ANL\W03-80EWD



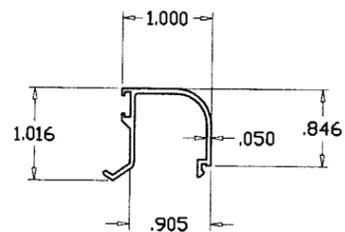
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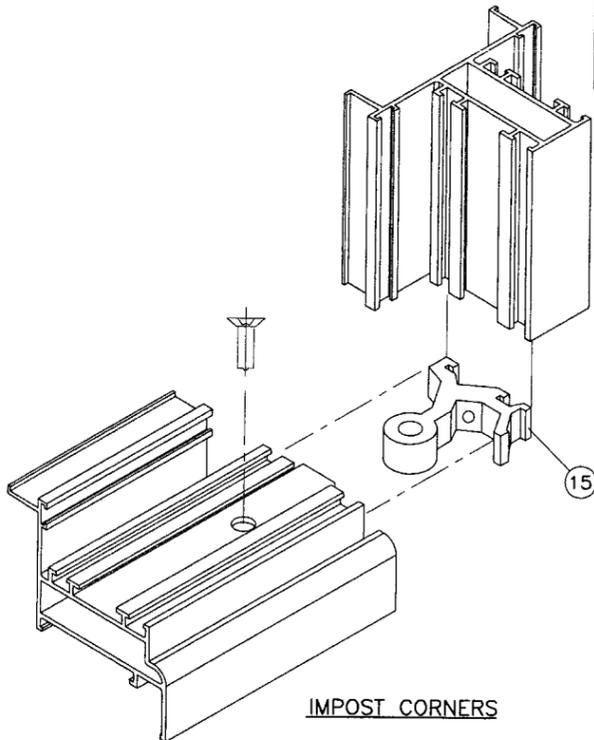
VENT



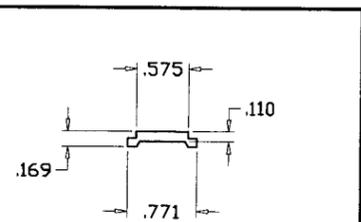
IMPOST



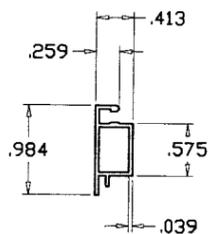
GLAZING BEAD



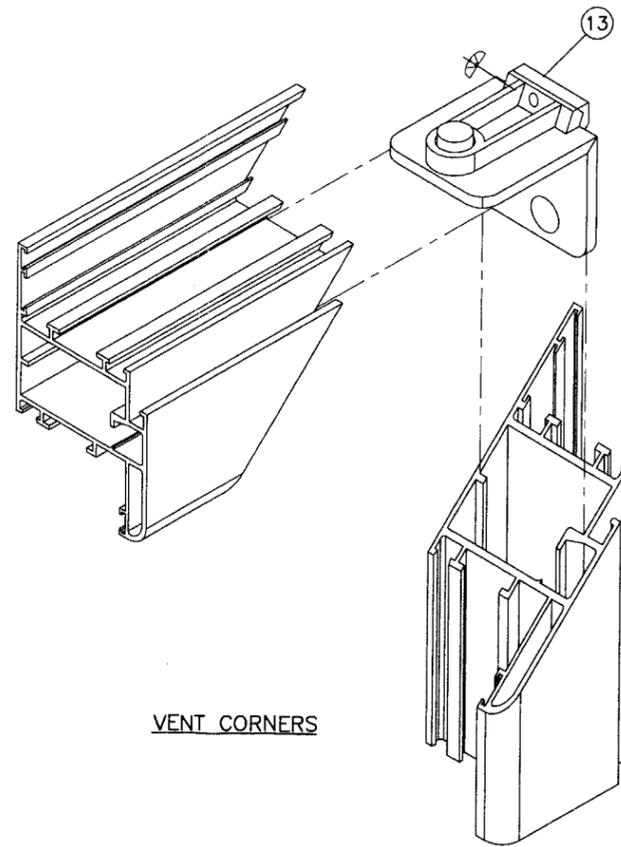
IMPOST CORNERS



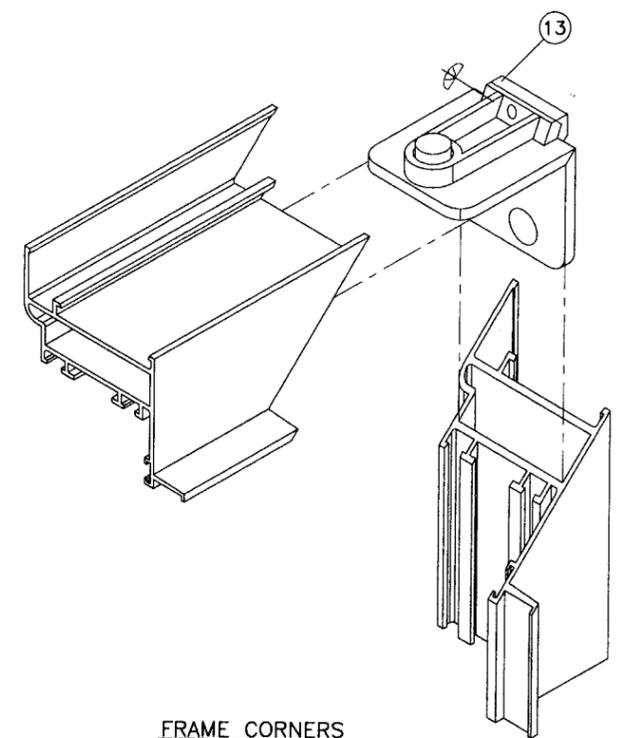
WINDOW SCREEN



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ER001	4	WINDOW FRAME	6063-T6	-
2	ER008	4	VENT	6063-T6	-
3	ER003	1	CENTER POST	6063-T6	-
4	ER002	AS REQD.	GLAZING BEAD	6063-T6	-
5	ER004	OPTIONAL	WINDOW SCREEN	6063-T6	-
6	2801	AS REQD.	WEDGE GASKET	-	-
7	-	AS REQD.	FRAME WEATHERSTRIPPING	VINYL	-
8	-	-	-	-	-
9	0150X	3/	VENT HINGES	-	GIESSE, ATTACHED W/ (3) #12 X 7/16" MS
10	24.25.32.300	2/	VENT LEVER TYPE FACE MOUNT LOCK, 7" FROM TOP & BOTTOM	STEEL	TRUTH, ATTACHED W/ (2) #8 X 3/8" PH SMS
11	-	2/	VENT LOCK KEEPERS, AT VENT STILE FACING LOCK	STEEL	ATTACHED W/ (2) #8 X 3/4" PH SDS
12	10579.32	1	VENT ROTO OPERATOR	STEEL	TRUTH, ATTACHED W/ (2) #10 X 1/2" SS SMS
13	1103	1/	CORNER CLIP-ON CORNER JOINT	ALUMINUM	GIESSE
14	-	2/	LOCK INSTALLATION SCREWS	-	#8 X 3/8" PH SMS
15	485	AS REQD.	T-POST CONNECTOR	-	GIESSE



VENT CORNERS



FRAME CORNERS

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538
OCT 05 2006

PRODUCT REVISED
as complying with the Florida
Building Code
Approval No. 06-1019.03
Expiration Date 02/05/09
By: *[Signature]*
Miami Dade Product Control
Division

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
12335 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W03-80EWD

ALUMINUM CASEMENT WINDOW (L.M.I.)
EUROTECH WINDOWS & DOORS
250 N.E. 32nd STREET
FT. LAUDERDALE, FL. 33334
TEL. (954) 630-9967 TEL. (954) 630-0217

no	date	by	description
A	01.10.04		NO CHANGE THIS SHEET
B	05.09.06		NO CHANGE THIS SHEET

revisions:
date: 09-05-03
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W03-80
sheet 5 of 5