



**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)

**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

APPROVAL DOCUMENT: Drawing No. **W03-80**, titled "Aluminum Casement Window (Impact)", sheets 1 through 5 of 5, prepared by Al-Farroq Corporation, dated 09/05/03, signed and sealed by Dr. 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 pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**

TMB
1/9/2004


**NOA No 03-1016.02
Expiration Date: February 05, 2009
Approval Date: February 05, 2004
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-80**, titled "Aluminum Casement Window (Impact)", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, dated 09/05/03, signed and sealed by Dr. 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 202-94
along with marked-up drawings and installation diagram of a horizontal rolling aluminum casement window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-03-1315**, dated 09/29/03, 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 203-94
along with marked-up drawings and installation diagram of a horizontal rolling aluminum casement window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-03-1829**, dated 09/29/03, signed and sealed by Rafael E. Droz-Seda, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300-98, and structural analysis, dated 08/29/03, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

D. QUALITY ASSURANCE

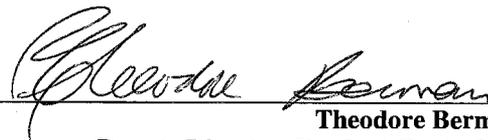
1. Miami Dade County Building Code Compliance Offices.

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **01-0205.02** issued to Solutia, Inc. for their "Saflex /Keepsafe Maximum" dated 05/17/01, expiring on 05/21/06.

E. STATEMENTS

1. Statement letter of conformance, dated 09/09/03, signed and sealed by Humayoun Farooq, P.E.



Theodore Berman, P.E.
Deputy Director, Product Control Division
NOA No 03-1016.02
Expiration Date: February 05, 2009
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2. Statement letter of no financial interest, dated 09/09/03, signed and sealed by Humayoun Farooq, P.E.

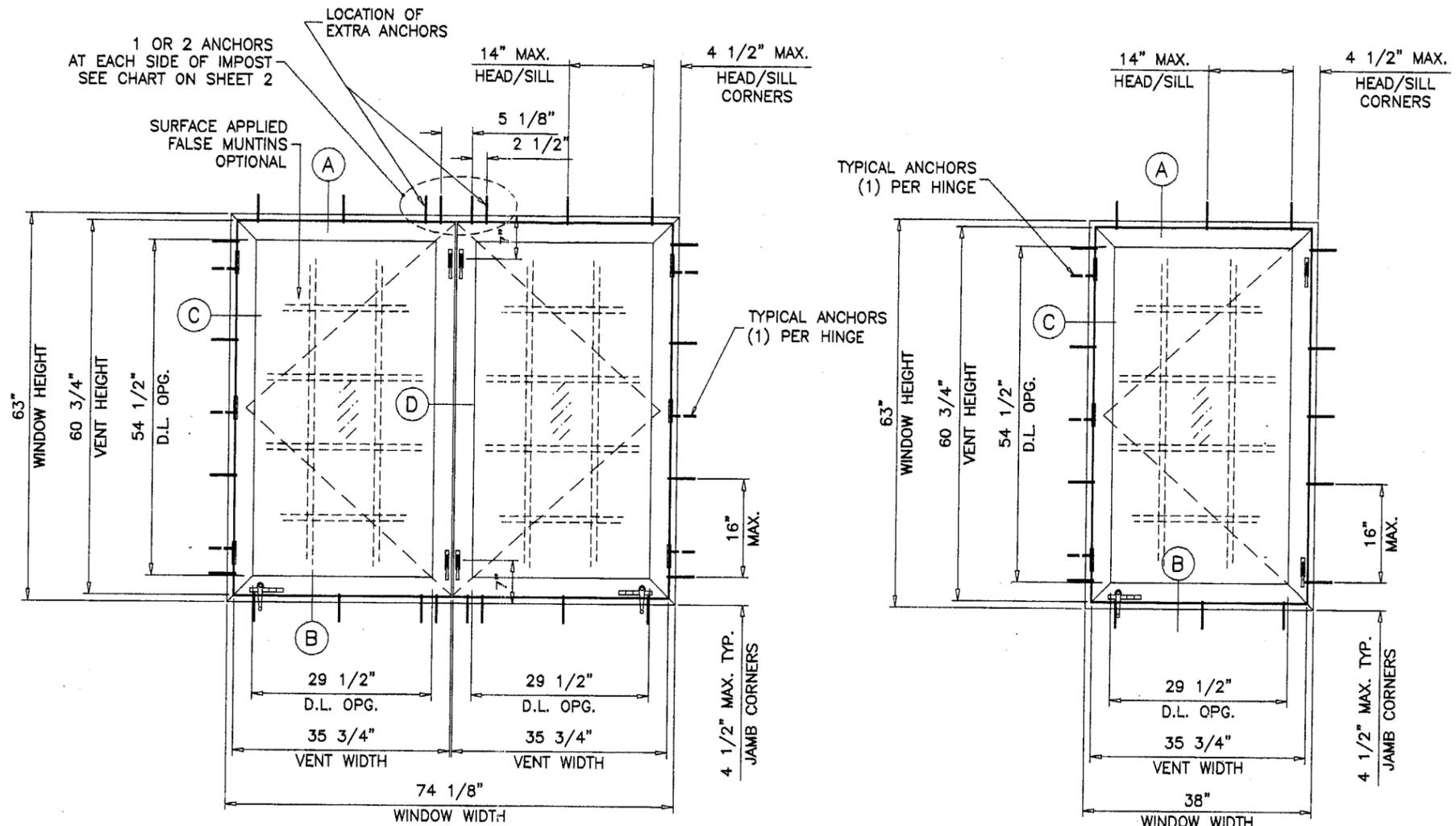
G. OTHER

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



Theodore Berman, P.E.
Deputy Director, Product Control Division

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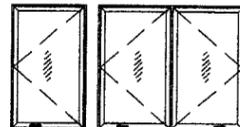
TYPICAL ELEVATIONS

ALUMINUM CASEMENT WINDOW (IMPACT)

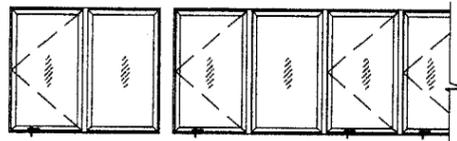
DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

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

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 IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE. ALSO FOR WIND LOADS AS PER ASCE 7-88, ASCE 7-93, ASCE 7-95 OR ASCE 7-98 AS REQUIRED BY PREVAILING 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.

Approved as complying with the Florida Building Code
 Date 02/05/04
 NOAH 05-1016.02
 Miami Dade Product Control
 Division
 By: *Clayton Benson*

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

SEP 9 2003

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

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

no.	date	by description

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

drawing no.
W03-80

sheet 1 of 5

afc

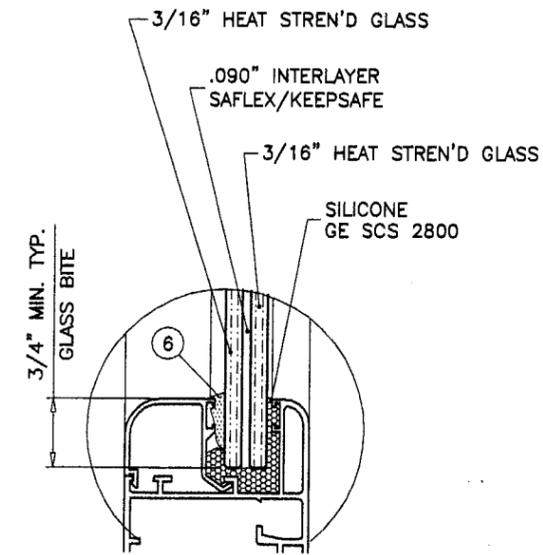
COMP-ANL\W03-80EWD

DESIGN LOAD CAPACITY - PSF FOR (X) SIZES			
WINDOW DIMS.		7/16" LAM. H.S. GLASS	
WIDTH	HEIGHT	EXT. (+)	INT. (-)
19-1/8"	26" (3)	75.0	75.0
26-1/2"		75.0	75.0
37"		75.0	75.0
19-1/8"	38-3/8" (3)	75.0	75.0
26-1/2"		75.0	75.0
37"		75.0	75.0
19-1/8"	50-5/8" (4)	75.0	75.0
26-1/2"		75.0	75.0
37"		75.0	75.0
19-1/8"	63" (5)	75.0	75.0
26-1/2"		75.0	75.0
37"		75.0	75.0
19-1/8"	74-1/4" (6)	75.0	75.0
26-1/2"		58.3	58.3
18"	24" (3)	75.0	75.0
24"		75.0	75.0
30"		75.0	75.0
36"		75.0	75.0
18"	36" (3)	75.0	75.0
24"		75.0	75.0
30"		75.0	75.0
36"		75.0	75.0
18"	48" (4)	75.0	75.0
24"		75.0	75.0
30"		75.0	75.0
36"		75.0	75.0
18"	60" (5)	75.0	75.0
24"		75.0	75.0
30"		75.0	75.0
36"		75.0	75.0
18"	72" (6)	75.0	75.0
24"		70.1	70.1
30"		57.5	57.5

() = NO. OF ANCHORS PER JAMB

DESIGN LOAD CAPACITY - PSF FOR (XX) SIZES					
WINDOW DIMS.		1 ANCHOR AT EACH SIDE OF IMPOST		2 ANCHOR AT EACH SIDE OF IMPOST	
		7/16" LAM. H.S. GLASS		7/16" LAM. H.S. GLASS	
WIDTH	HEIGHT	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
26-1/2"	26" (3)	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
26-1/2"	38-3/8" (3)	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
26-1/2"	50-5/8" (4)	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
26-1/2"	63" (5)	75.0	75.0	75.0	75.0
37"		75.0	75.0	75.0	75.0
53-1/8"		65.2	65.2	75.0	75.0
26-1/2"	74-1/4" (6)	75.0	75.0	75.0	75.0
37"		75.0	75.0	75.0	75.0
53-1/8"		55.3	55.3	58.1	58.1
24"	24" (3)	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
24"	36" (3)	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
24"	48" (4)	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
24"	60" (5)	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"		60.6	60.6	75.0	75.0
24"	72" (6)	75.0	75.0	75.0	75.0
36"		75.0	75.0	75.0	75.0
48"		63.1	63.1	70.1	70.1
60"		50.5	50.5	57.5	57.5

() = NO. OF ANCHORS PER JAMB



GLAZING DETAIL

Approved as complying with the
 Florida Building Code
 Date 02/05/04
 NOAH 03-1016.02
 Miami Dade Product Control
 Division
 By [Signature]

Engr: DR. HUMAYOJUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3536
 SEP 09 2003

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
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 COMP-ANL\W03-80EWD

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

revisions:	
no.	date by description

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

drawing no.
W03-80
 sheet 2 of 5

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



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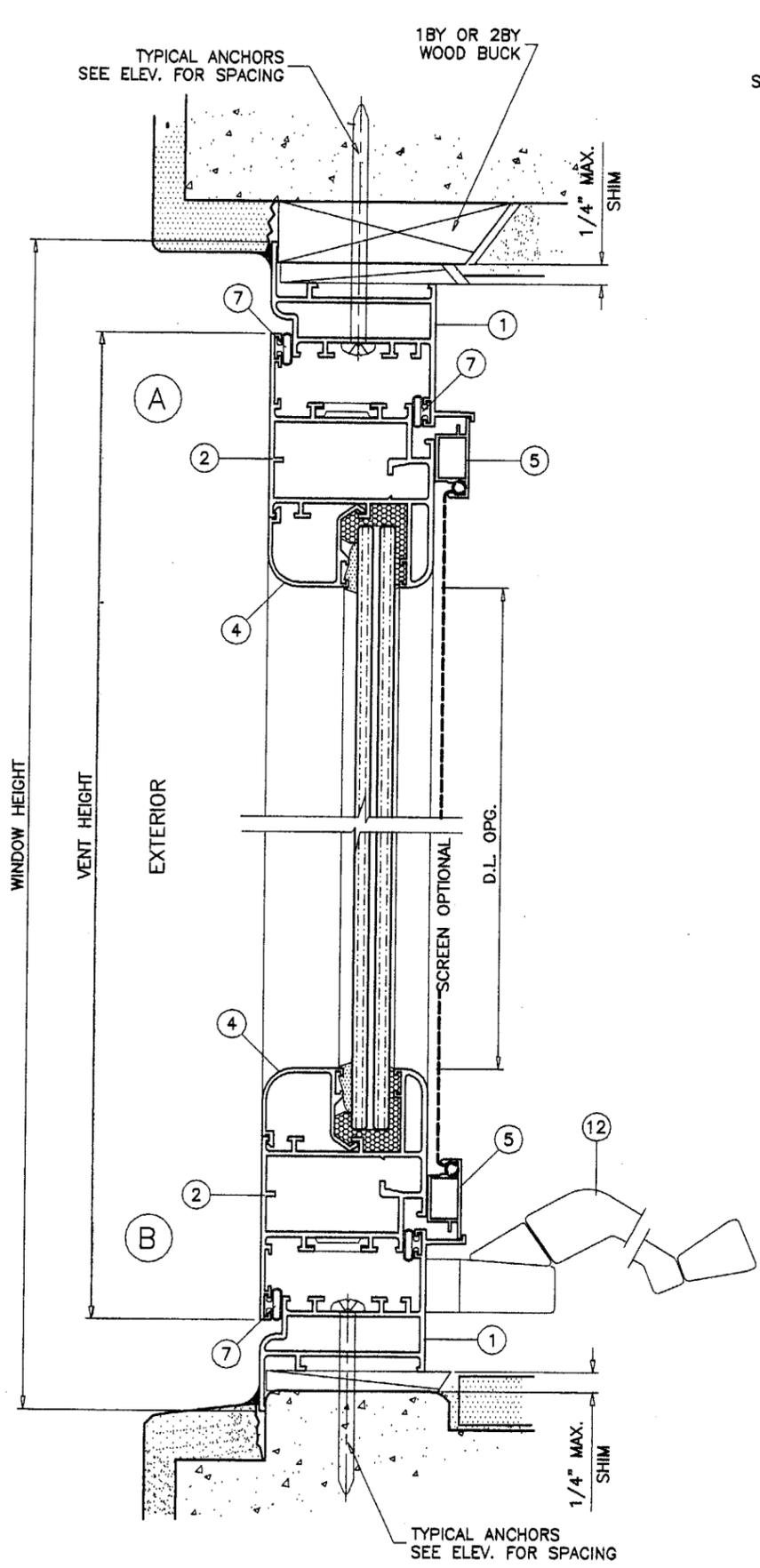
TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" TAPCONS
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 1-3/8" MIN. PENETRATION INTO WOOD
 THRU 1BY BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

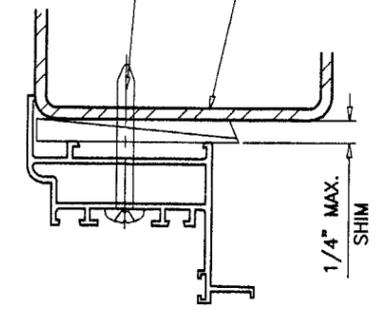
3/16" TEKS OR SELF DRILLING SCREWS
 INTO METAL STRUCTURES (1/8" MIN. THICKNESS)
 (1/4" MAX. SHIM SPACE)

#12 SMS OR SELF DRILLING SCREWS
 INTO DADE COUNTY APPROVED MULLIONS
 (NO SHIM SPACE)

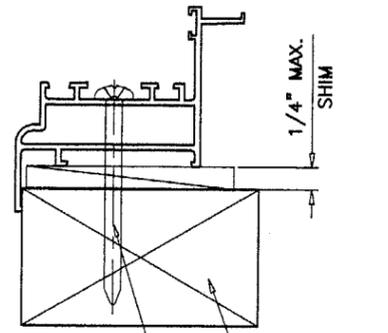
SEALANTS:
 ALL FRAME AND VENT CORNERS AND INSTALLATION SCREWS
 SEALED WITH CLEAR/ALUMINUM COLORED SILICONE.



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



TYPICAL ANCHORS
 SEE ELEV. FOR SPACING



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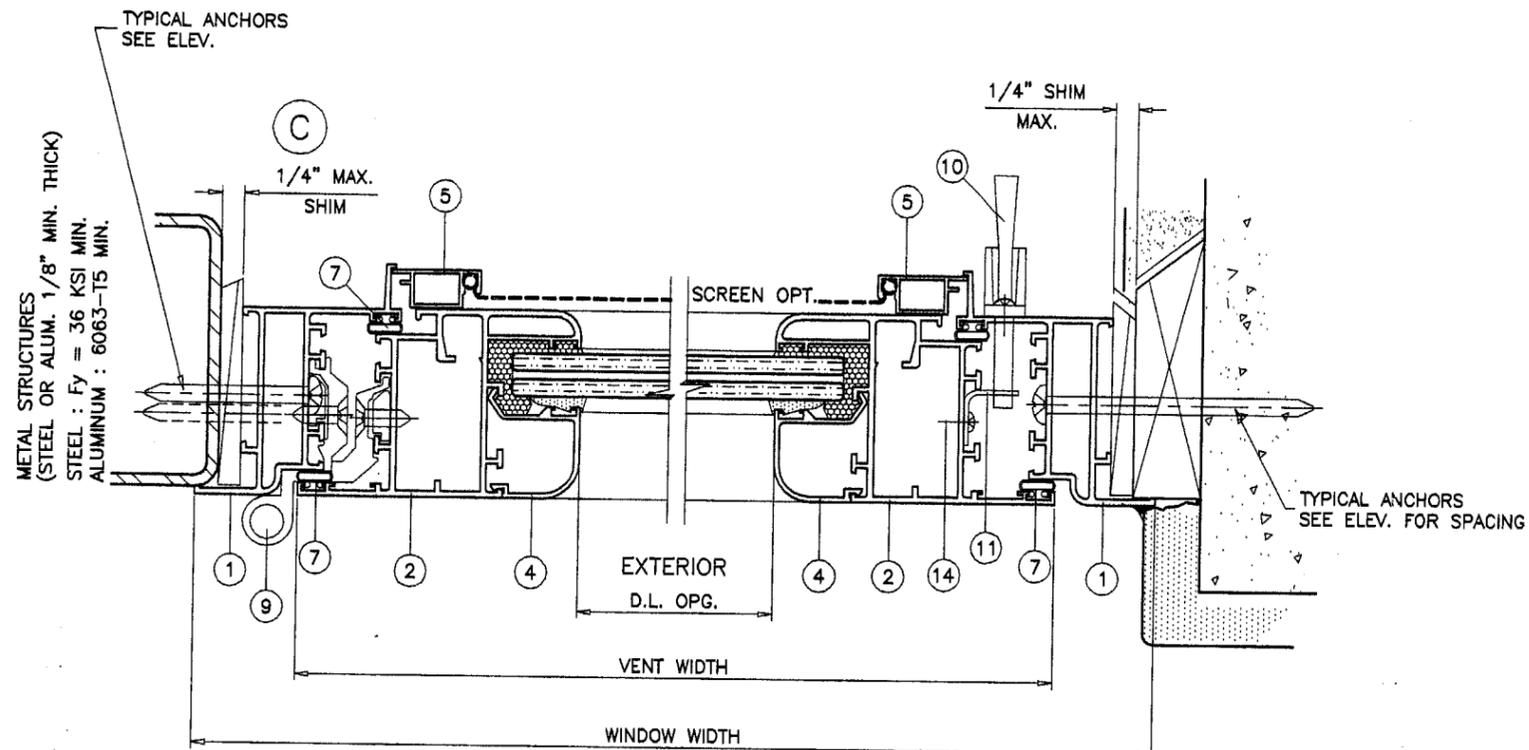
Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 SEP 09 2008

revisions:

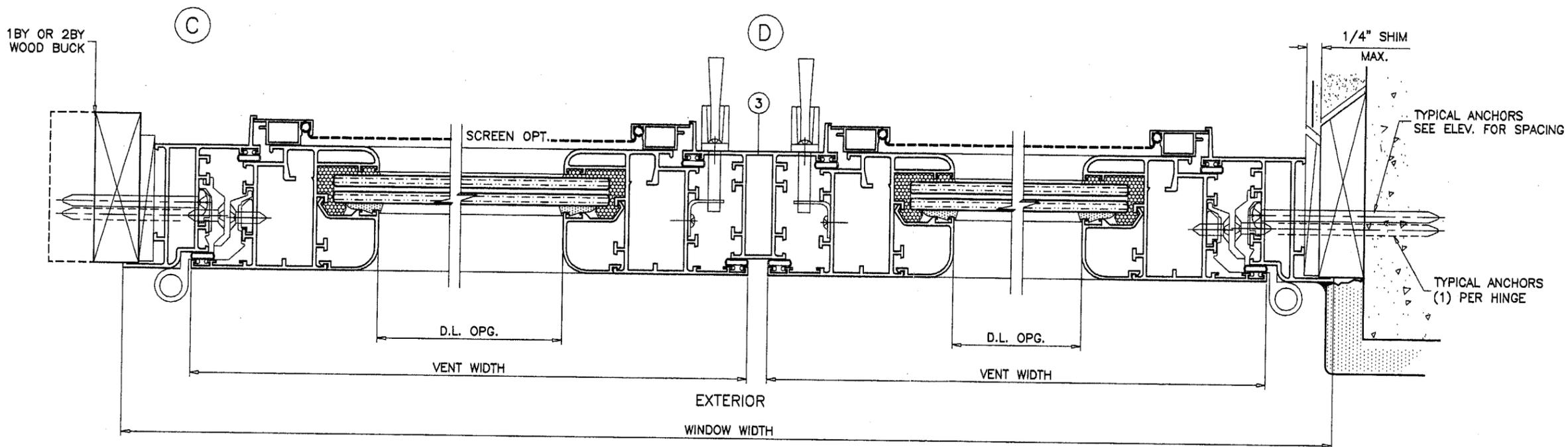
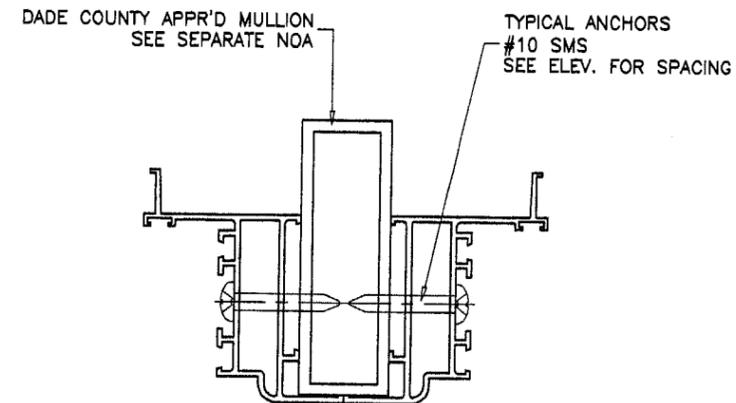
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date: 09-05-03
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W03-80
 sheet 3 of 5



SINGLE VENT WINDOWS



DUAL VENT WINDOWS

Approved as complying with the
 Florida Building Code
 Date 02/05/04
 NOA# 03-1016.02
 Miami Dade Product Control
 Division
 By [Signature]

Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 5538
 SEP 09 2003

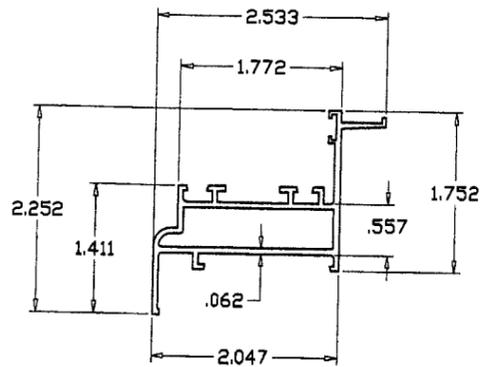
afc
AL-FAROOQ CORPORATION
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 COMP-ANL\W03-80EWD

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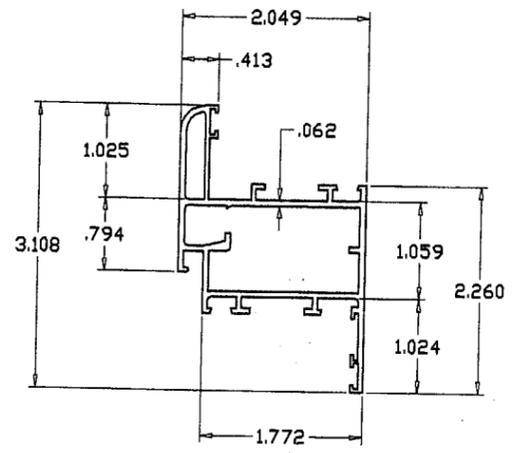
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date: 09-05-03
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 dr. by: HAMID
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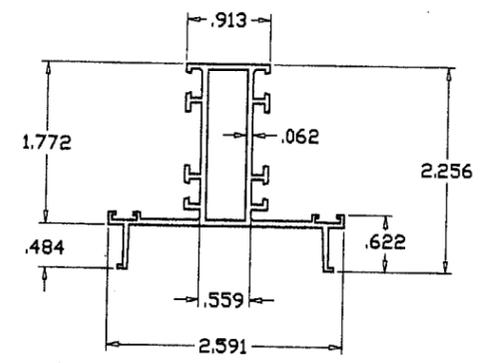
drawing no.
W03-80
 sheet 4 of 5



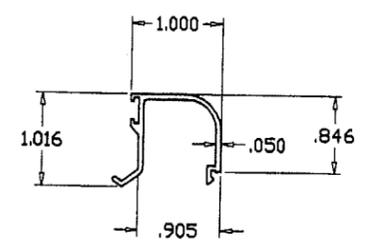
FRAME



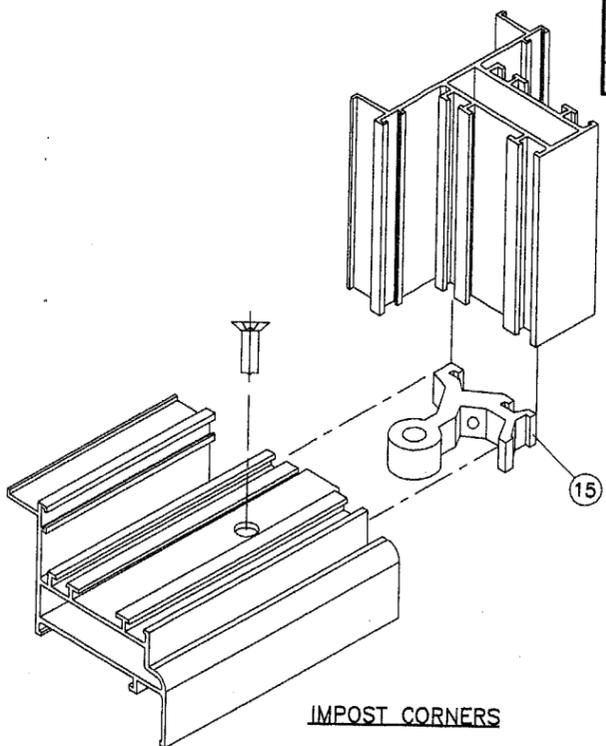
VENT



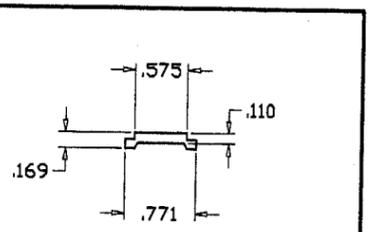
IMPOST



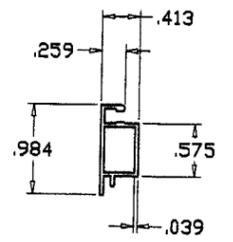
GLAZING BEAD



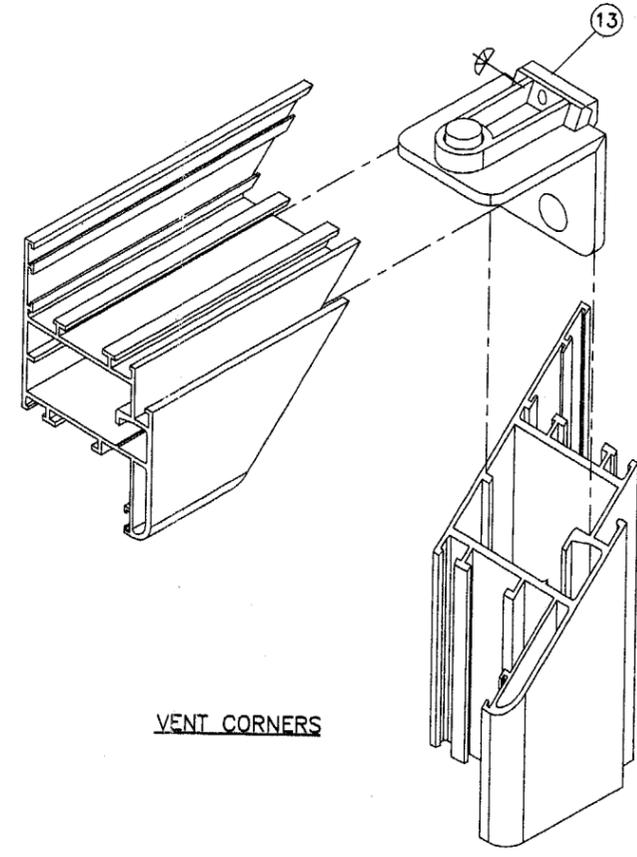
IMPOST CORNERS



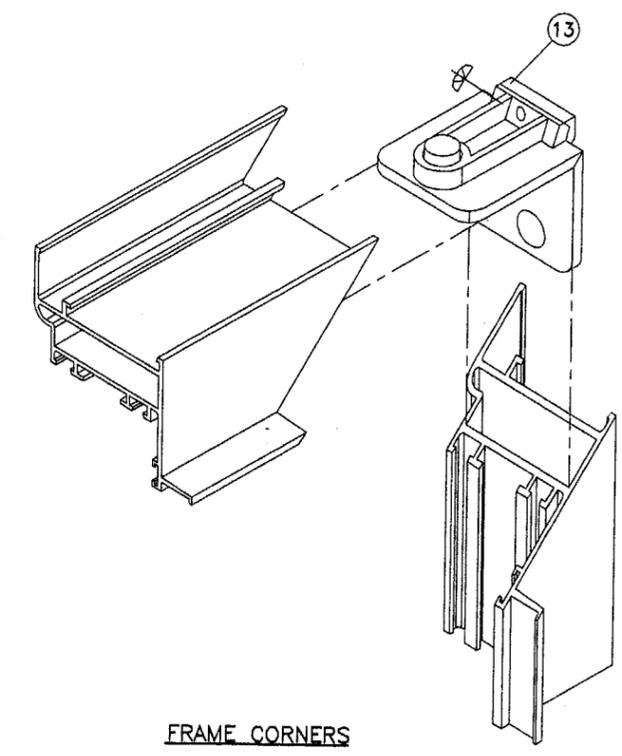
WINDOW SCREEN



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

Approved as complying with the Florida Building Code
 Date 02/05/04
 NOAH 03-1016.02
 Miami Dade Product Co.
 Dr. *Hamid*
 By: *Sheldor Berman*

Engr: DR. HUMAYUN FAROOQ
 STRUCTURES
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revisions:	no	date	description

date: 09-05-03
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drawing no.
W03-80
 sheet 5 of 5