



**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)

**Yale Ogron Windows and Doors
671 West 18 Street
Hialeah, FL 33010**

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- 1700 Impact View Aluminum Single Hung Window

APPROVAL DOCUMENT: Drawing No. **W03-105**, titled "Series-1700 Impact View Alum Single Hung WDW.", sheets 1 through 5 of 5, prepared by AL- Farooq Corporation, dated 11/19/03, with revision "A" dated 02/02/04, 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 pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Theodore Berman, P.E.**

MB
4/7/2004


**NOA No 03-1211.01
Expiration Date: April 29, 2009
Approval Date: April 29, 2004
Page 1**

Yale Ogron Windows and Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturers die drawings and sections.
2. Drawing No. **W03-105**, titled "Series-1700 Impact View Alum Single Hung WDW.", sheets 1 through 5 of 5, prepared by AL- Farooq Corporation, dated 11/19/03, with revisions "A" dated 02/02/04, 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) 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 (b) TAS 202-94
along with marked-up drawings and installation diagram of aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL- 3822**, dated 07/10/03, signed and sealed by Joseph C. Chan, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300, and structural analysis, prepared by AL-Farooq Corporation, dated 11/17/03, signed and sealed by Humayoun Farooq, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **01-1204.01** issued to "Solutia Inc." for "Saflex/Keepsafe Maximum" dated 05/17/01, expiring on 05/21/06.
2. Notice of Acceptance No. **03-1117.05** issued to "Surface Specialties, Inc." for Uvekol a Laminate Glass Component" dated 01/29/04, expiring on 02/08/09.
3. Notice of Acceptance No. **02-0828.15** issued to "E.I. DuPont de Nemours & Co., Inc." for "DuPont Butacite PVB Material" dated 11/21/02, expiring on 12/11/05.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated November 17, 2003, 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).

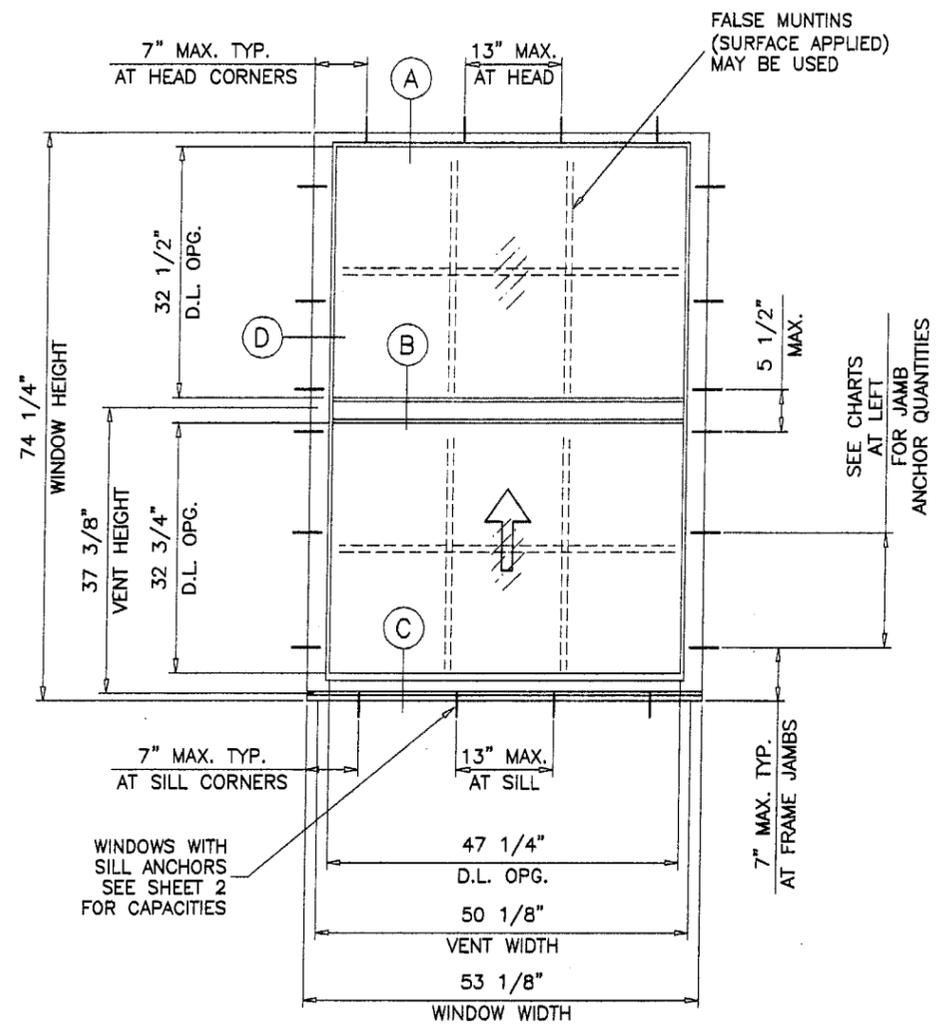
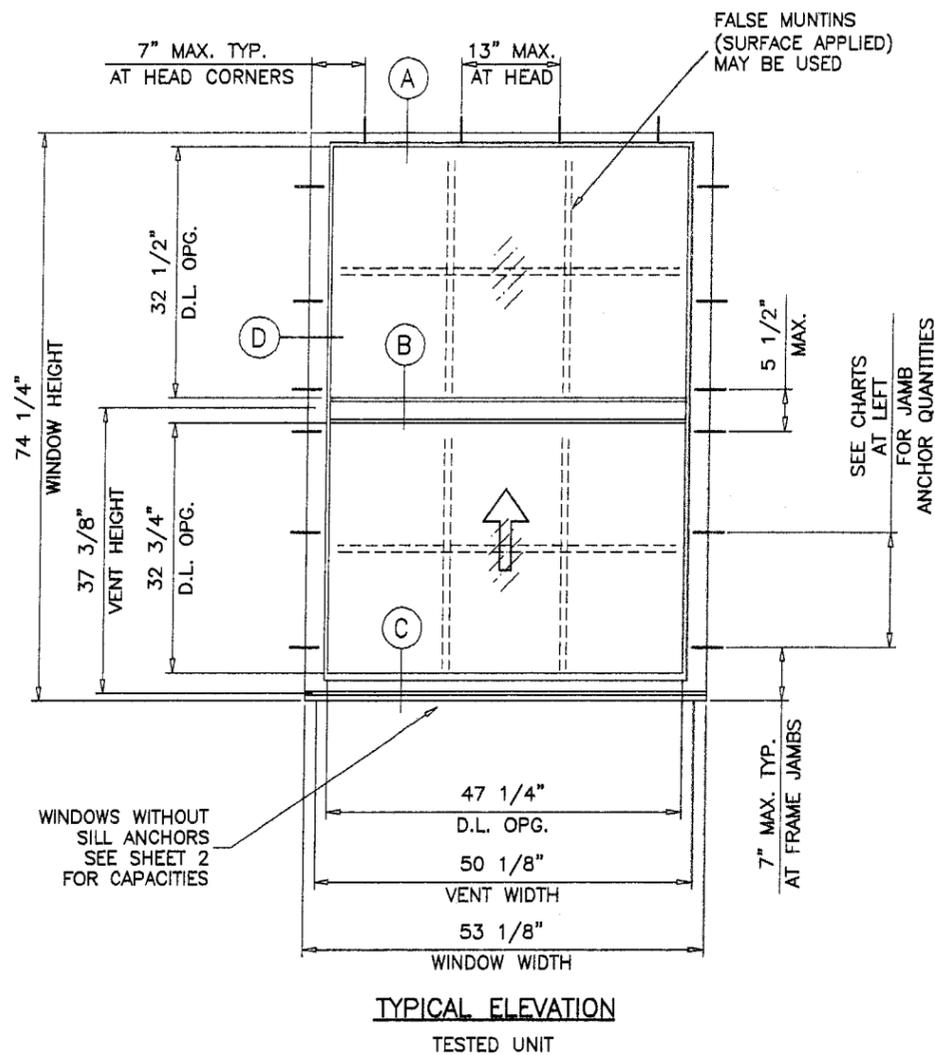

Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 03-1211.01

Expiration Date: April 29, 2009

Approval Date: April 29, 2004



WINDOWS WITHOUT
SILL ANCHORS
SEE SHEET 2
FOR CAPACITIES

WINDOWS WITH
SILL ANCHORS
SEE SHEET 2
FOR CAPACITIES

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

**SERIES-1700 IMPACT VIEW
ALUMINUM SINGLE HUNG WINDOW**

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

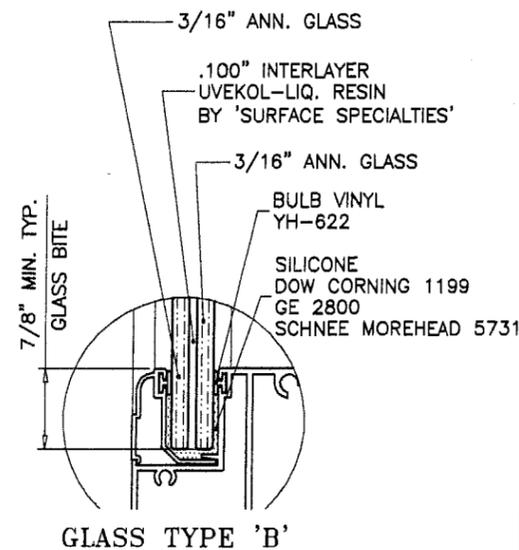
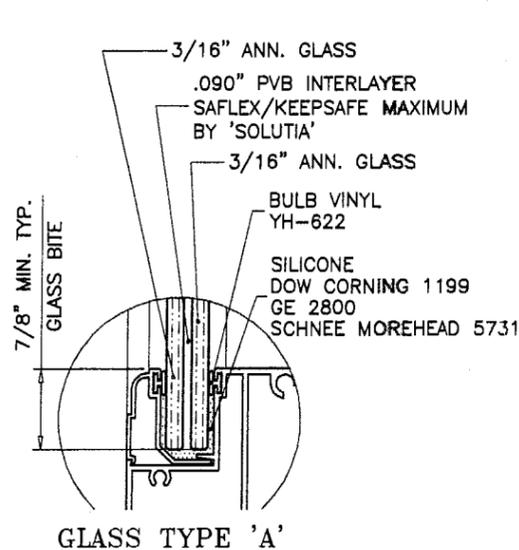
APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS
OF S.H./S.H. OR S.H. WITH OTHER WINDOW TYPES IN MODULES
OF TWO OR MORE WINDOWS USING APPROVED MULLIONS.

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

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

MAR 16 2004

Approved as complying with the
Florida Building Code
Date 04/29/04
NOA# 03-1211-01
Miami Dade Product Control
by *Alexandre Benveniste*

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\W03-105YO

SERIES-1700 IMPACT VIEW ALUM SINGLE HUNG WDW.

YALE OGRON MFG. CO. INC.
671 WEST 18TH ST.
HIALEAH, FL. 33010-2480
TEL. (305) 887-2646 FAX (305) 883-1309

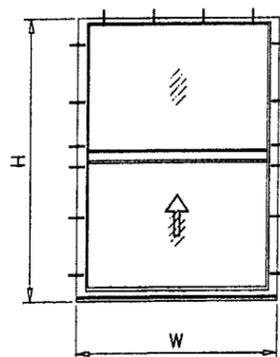
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	A	02.02.04		REV. PER BCCO COMMENTS

date: 11-19-03
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no. **W03-105**
sheet 1 of 5

EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		GLASS TYPES 'A' & 'B'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26" (4)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	140.0
37"		90.0	140.0
42"		90.0	140.0
48"		90.0	130.2
53-1/8"		90.0	117.6
19-1/8"	38-3/8" (4)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	132.3
37"		90.0	114.4
42"		90.0	100.8
48"		88.2	88.2
53-1/8"		79.7	79.7
19-1/8"	50-5/8" (6)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	140.0
37"		90.0	130.1
42"		90.0	114.6
48"		90.0	100.3
53-1/8"		90.0	90.6
19-1/8"	63" (6)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	120.9
37"		90.0	104.5
42"		90.0	92.1
48"		80.6	80.6
53-1/8"		72.8	72.8
19-1/8"	74-1/4" (6)	90.0	140.0
26-1/2"		90.0	123.8
32"		90.0	102.5
37"		88.7	88.7
42"		78.1	78.1
48"		68.4	68.4
53-1/8"		61.8	61.8

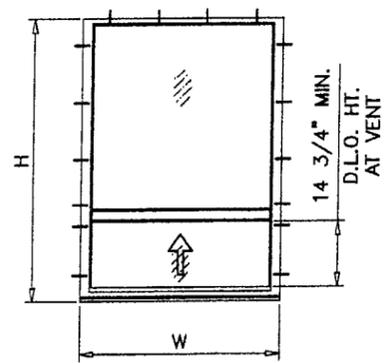
* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



WINDOWS WITHOUT SILL ANCHORS

UNEQUAL LITES (ORIEL TYPES) WINDOWS DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		GLASS TYPES 'A' & 'B'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	50-5/8" (6)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	140.0
37"		90.0	130.1
42"		90.0	114.6
48"		90.0	100.3
53-1/8"		90.0	90.6
19-1/8"	63" (6)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	120.9
37"		90.0	104.5
42"		90.0	92.1
48"		80.6	80.6
53-1/8"		72.8	72.8
19-1/8"	74-1/4" (6)	90.0	140.0
26-1/2"		90.0	123.8
32"		90.0	102.5
37"		88.7	88.7
42"		78.1	78.1
48"		68.4	68.4
53-1/8"		61.8	61.8

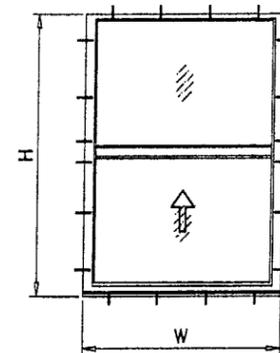
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WINDOWS WITH SILL ANCHORS

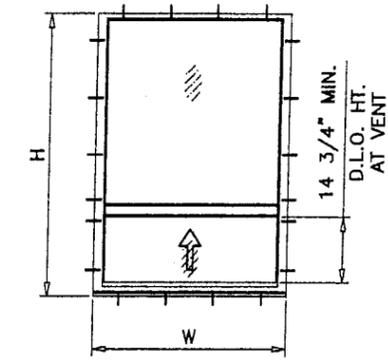
EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		GLASS TYPES 'A' & 'B'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26" (4)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	140.0
37"		90.0	140.0
42"		90.0	140.0
48"		90.0	140.0
53-1/8"		90.0	140.0
19-1/8"	38-3/8" (4)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	140.0
37"		90.0	140.0
42"		90.0	140.0
48"		90.0	140.0
53-1/8"		90.0	135.0
19-1/8"	50-5/8" (6)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	140.0
37"		90.0	140.0
42"		90.0	140.0
48"		90.0	140.0
53-1/8"		90.0	140.0
19-1/8"	63" (6)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	140.0
37"		90.0	140.0
42"		90.0	133.9
48"		90.0	121.3
53-1/8"		90.0	112.3
19-1/8"	74-1/4" (6)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	130.7
37"		90.0	118.1
42"		90.0	108.4
48"		90.0	98.6
53-1/8"		90.0	91.5

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UNEQUAL LITES (ORIEL TYPES) WINDOWS DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		GLASS TYPES 'A' & 'B'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	50-5/8" (6)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	140.0
37"		90.0	140.0
42"		90.0	140.0
48"		90.0	140.0
53-1/8"		90.0	132.5
19-1/8"	63" (6)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	140.0
37"		90.0	132.7
42"		90.0	113.6
48"		80.6	80.6
53-1/8"		72.8	72.8
19-1/8"	74-1/4" (6)	90.0	140.0
26-1/2"		90.0	140.0
32"		90.0	129.5
37"		88.7	88.7
42"		78.1	78.1
48"		68.4	68.4
53-1/8"		61.8	61.8

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Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 10557
C.A.N. 3538

MAR 16 2004

Approved as complying with the
Florida Building Code
Date 04/29/04
NOAH 03-1211.01
Miami Dade Product Control
Division
By: *[Signature]*

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

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YALE OGRON MFG. CO. INC.
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NO.	DATE	DESCRIPTION
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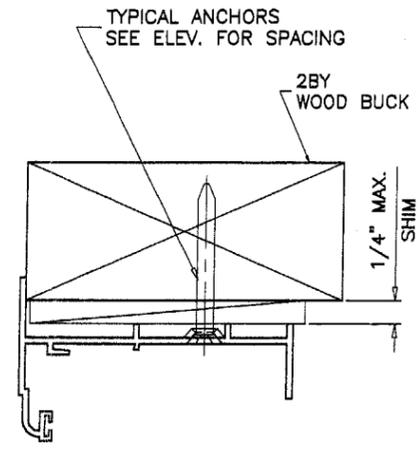
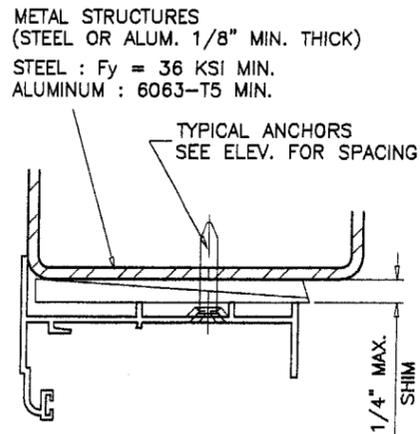
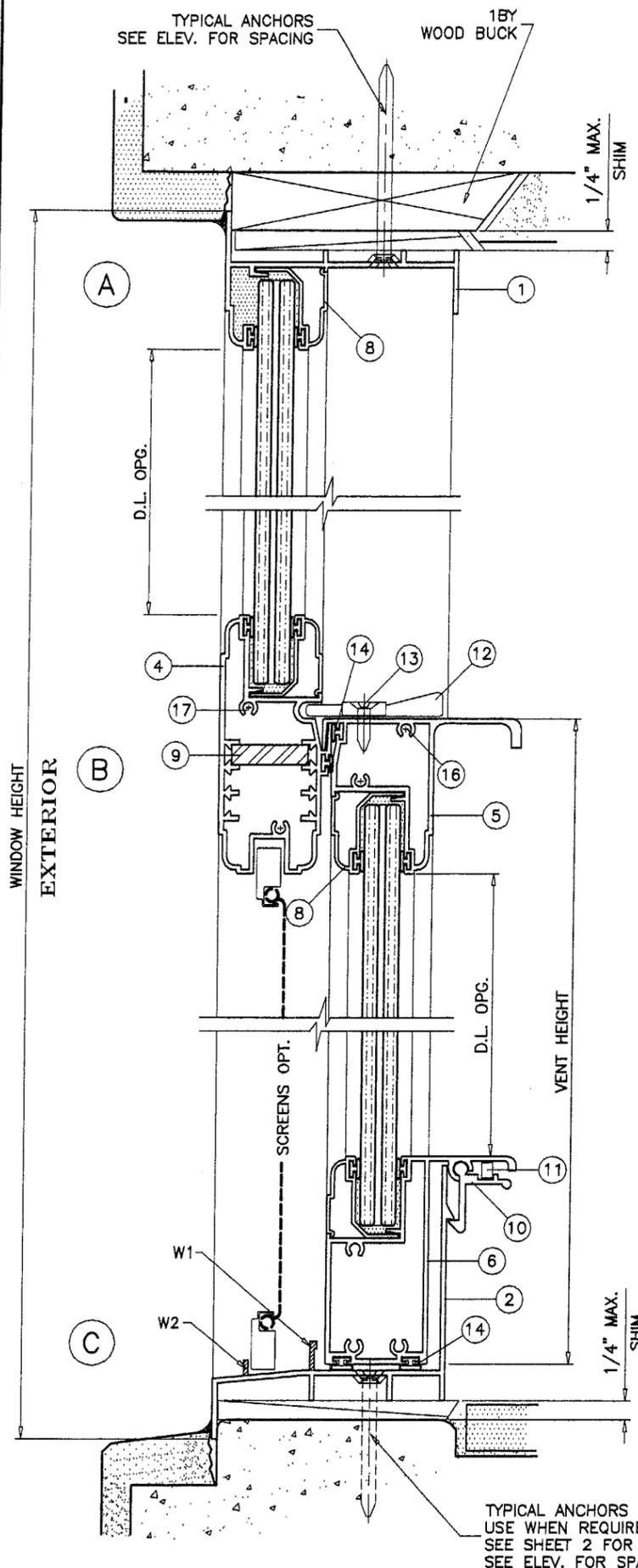
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dr. by: HAMID
chk. by:

drawing no.
W03-105

sheet 2 of 5

COMP-ANL\W03-105YO



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" TAPCONS (ELCO TEXTRON OR ITW BUILDDEX)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 1-3/8" MIN. PENETRATION INTO WOOD
 THRU 1BY 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
#12 SMS/TEKS OR SELF DRILLING SCREWS
 INTO METAL STRUCTURES (1/8" MIN. THICKNESS)
 INTO DADE COUNTY APPROVED MULLIONS

SEALANTS:
 FRAME AND VENT CORNERS AND INSTALLATION SCREWS AT SILL SEALED WITH WHITE/ALUMINUM COLORED SEALANT.

WEEPHOLES:
 W1 = 3/4" WEEP NOTCH AT EACH END
 W2 = 1" WEEP NOTCH AT EACH END

Approved as complying with the
 Florida Building Code
 Date 04/29/04
 NOAH 03-121.01
 Miami Dade Product Control
 Division
 By *Clarence Bernier*

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 18857
 C.A.N. 3538
 MAR 16 2004

afsc

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
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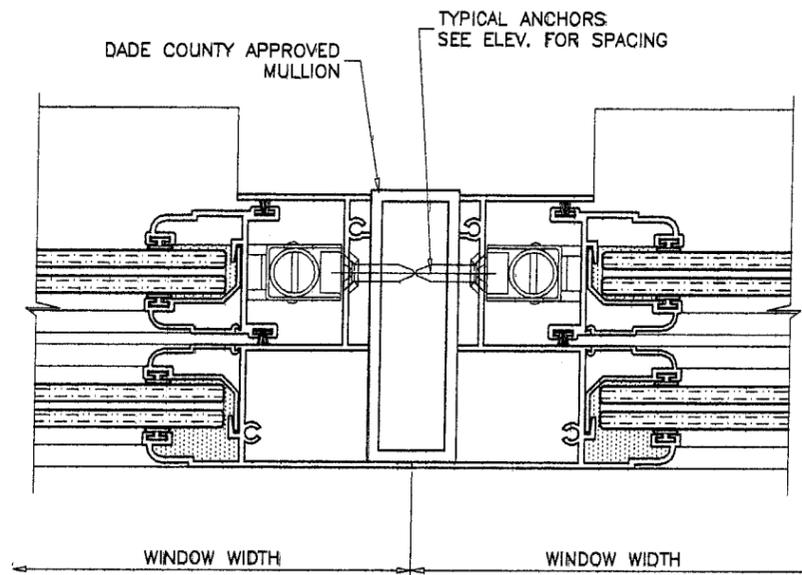
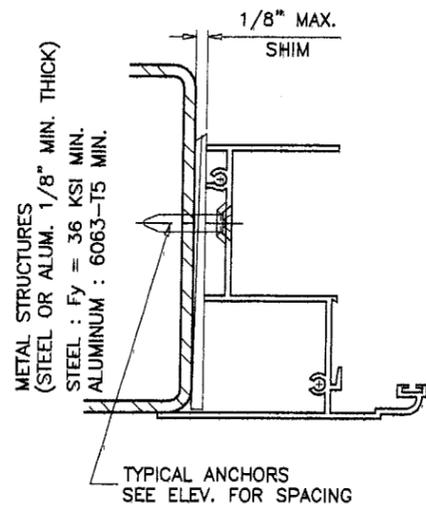
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revisions: no. date description REV. PER RECD COMMENTS

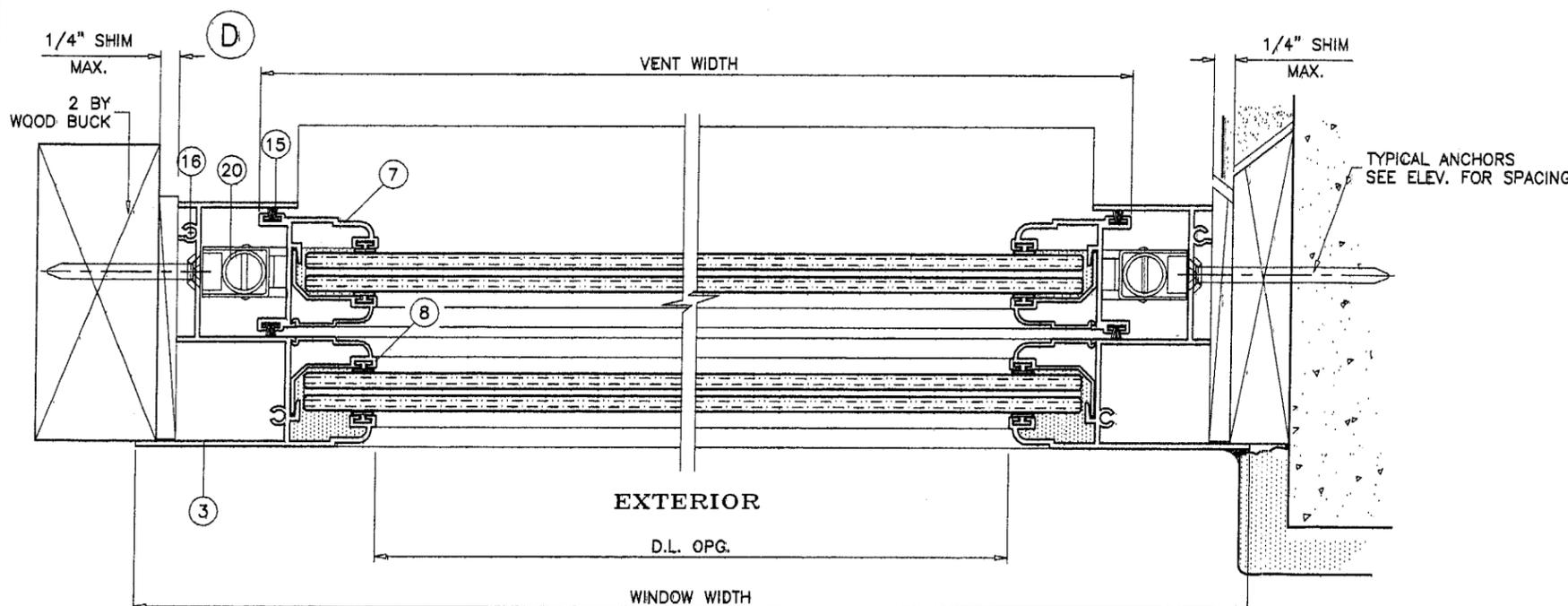
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 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W03-105

sheet 3 of 5



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YE-1700	1	FRAME HEAD	6063-T5	-
2	YE-1701	1	FRAME SILL	6063-T5	-
3	YE-1702	2	FRAME JAMB	6063-T5	-
4	YE-1703	1	FIXED MTG. RAIL	6063-T5	-
5	YE-1704	1	VENT TOP RAIL	6063-T5	-
6	YE-1705	1	VENT BOTTOM RAIL	6063-T5	-
7	YE-1706	2	VENT SIDE RAIL	6063-T5	-
8	YE-1707	AS REQD.	GLAZING BEAD	6063-T5	-
9	YH-1607	2	REINFORCING BARS, FULL LENGTH	STEEL	1/4" X 1"
10	YE-1706	2/VENT	VENT LATCH @ 6" FROM ENDS	6063-T5	-
11	-	2	LATCH SPRING	-	-
12	YH-715	2/ VENT	CAM LOCK @ 11" FROM EACH END	-	-
13	YF-62	2/ LATCH	CAM LOCK SCREWS	-	-
14	YH-622	AS REQD.	BULB PILE W'STRIPPING	-	SULLIVAN & SULLIVAN
15	YH-6009	AS REQD.	FIN SEAL W'STRIPPING	-	ULTRAFAB
16	YF-10	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	-	#8 X 1" P.H. SMS
17	-	AS REQD.	FIX. MTG. RAIL ASSEMBLY SCREWS	-	#10 X 1" P.H. SMS
18	-	2	VENT GUIDE	PLASTIC	-
19	-	2	GUIDE SCREWS	-	SMS
20	-	2/VENT	SPRING AND PULLEY BALANCE	-	CALDWELL
21	-	2	OPEN CELL FOAM PAD (1" X 1/2" X 1-1/2")	-	YALE



Approved as complying with the Florida Building Code
 Date 04/29/04
 NOA# 03-1211.01
 Miami Dade Product Control
 Division
 by: *[Signature]*

Engr: DR. HJUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16597
 C.A.N. 3538
 MAR 16 2004

afsc

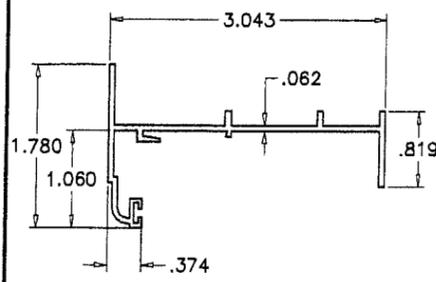
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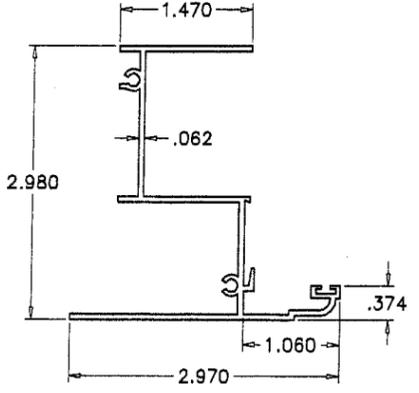
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dr. by:	HAMID
chk. by:	

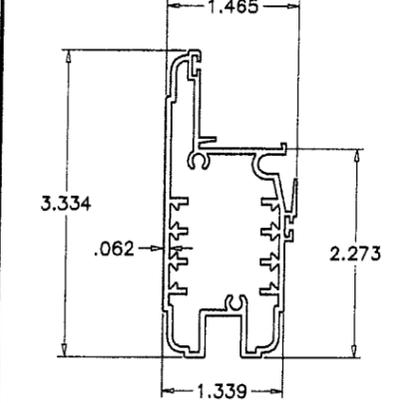
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W03-105
 sheet 4 of 5



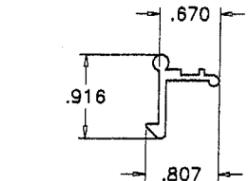
FRAME HEAD



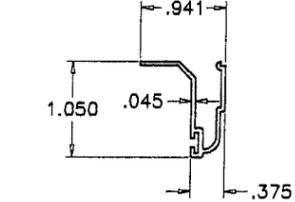
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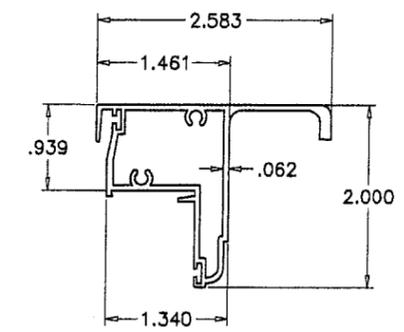
MEETING RAIL



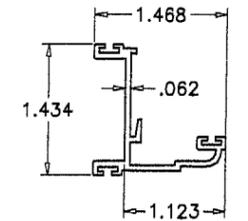
VENT LATCH



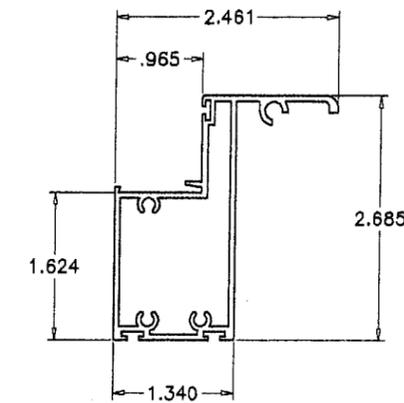
GLAZING BEAD



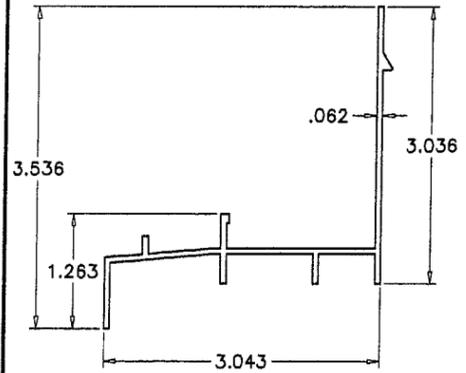
VENT TOP RAIL



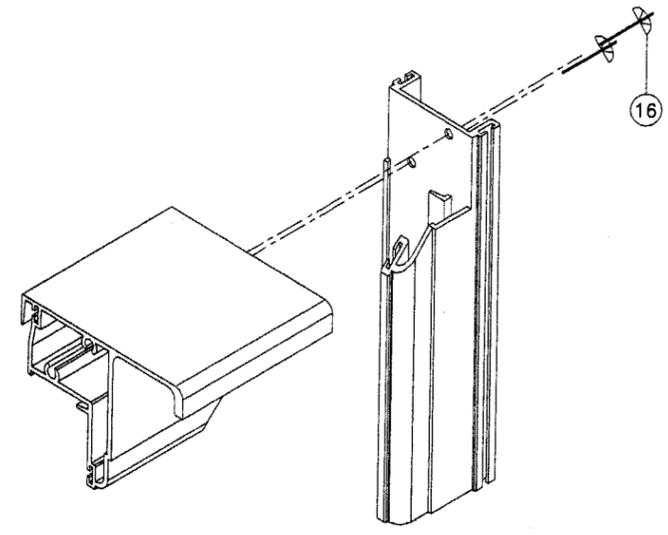
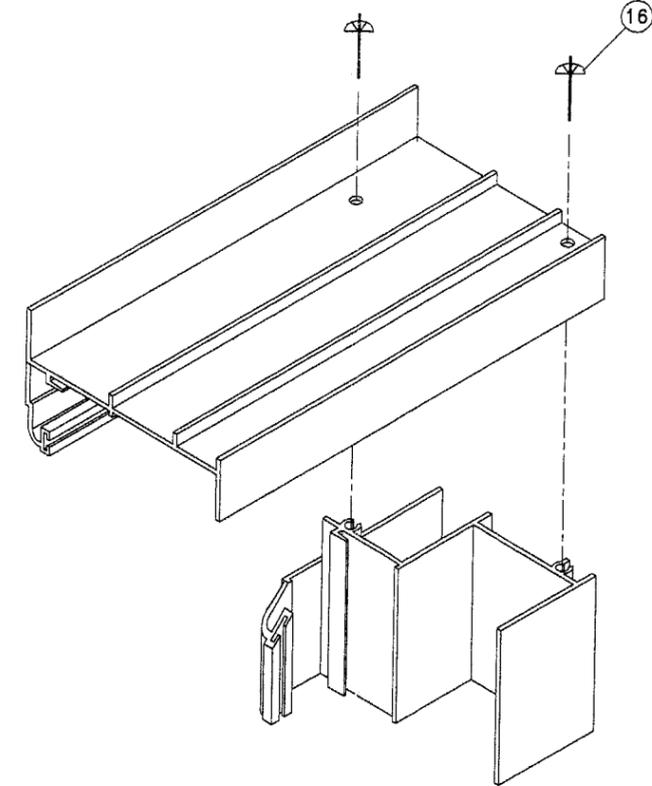
VENT SIDE RAIL



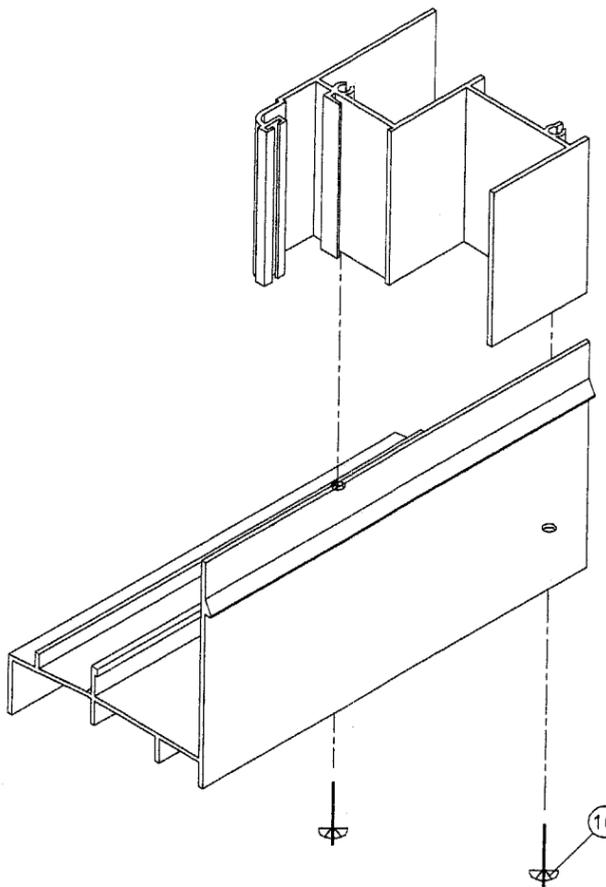
VENT BOTTOM RAIL



FRAME SILL



FRAME CORNERS DETAIL



VENT CORNER DETAIL

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

MAR 16 2004

Approved as complying with the Florida Building Code
Date: 04/29/04
NOA# 03-1211-01
Miami Dade Product Control
Division
By: *[Signature]*

afc

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SERIES-1700 IMPACT VIEW ALUM SINGLE HUNG WDW:
YALE OGRON MFG. CO. INC.
671 WEST 18TH ST.
HIALEAH, FL. 33010-2480
TEL. (305) 887-2646 FAX (305) 883-1309

no	date	description	by
A	02.02.04	NO CHANGE THIS SHEET	

date: 11-19-03
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W03-105
sheet 5 of 5