



MIAMI-DADE COUNTY
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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

AWP, LLC
8130 NW 74th Avenue
Miami, FL 33166

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 2500 Aluminum Single Hung Window L.M.I.

APPROVAL DOCUMENT: Drawing No. **W05-37**, titled "Series 2500 Alum. Single Hung Window (L.M.I.)", sheets 1 through 5 of 5, dated 07/26/2005 with revision C dated 02/17/09, 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 Resistant

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 # **07-0829.02** and 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 **Fitz A. Harris, P.E.**

Fitz A. Harris
 4/8/09



NOA No. 09-0316.09
Expiration Date: December 01, 2010
Approval Date: April 29, 2009

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

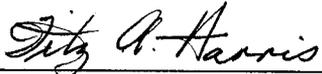
1. Manufacturer's die drawings and sections.
2. Drawing No **W05-37**, Sheets 1 through 5 of 5, titled "Series 2500 Alum. Single Hung Window", prepared by Al-Farooq Corporation, dated 07/26/2005 with revision C dated 02/17/09, signed and sealed by Humayoun Farooq, P.E.

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 aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5250**, dated July 30, 2007, signed and sealed by Carlos S. Rionda, 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 3603.2 (b) and TAS 202-94
Along with marked-up drawings and installation diagram of aluminum single hung window, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-04-1419A**, dated Jan. 20, 2005, signed and sealed by Ivonne Ghia, P.E.
(Submitted under NOA# 05-0810.04)
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 aluminum single hung window, prepared by Hurricane Engineering & Testing Inc., Test Report No. **HETI-04-1419B**, dated Jan. 21, 2005, signed and sealed by Ivonne Ghia, P.E.
(Submitted under NOA# 05-0810.04)

C. CALCULATIONS

1. Revised anchor calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated February 26, 2009, signed and sealed by Humayoun Farooq, P.E.
2. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated August 03, 2007, signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E1300-02



Fitz A. Harris, P.E.

Product Control Examiner

NOA No. 09-0316-09

Expiration Date: December 01, 2010

Approval Date: April 29, 2009

AWP,LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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 their “**Saflex III G Clear or colored interlayer**” dated 05/04/2006, expiring on 05/21/2011.

F. STATEMENTS

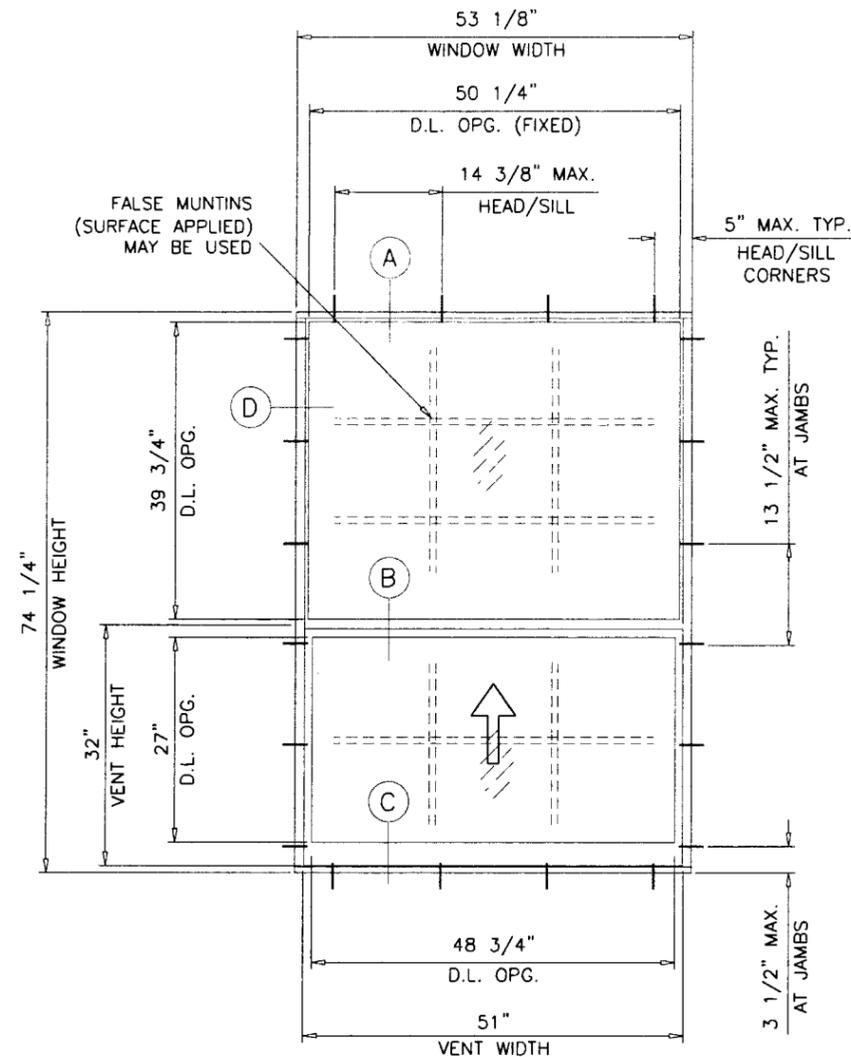
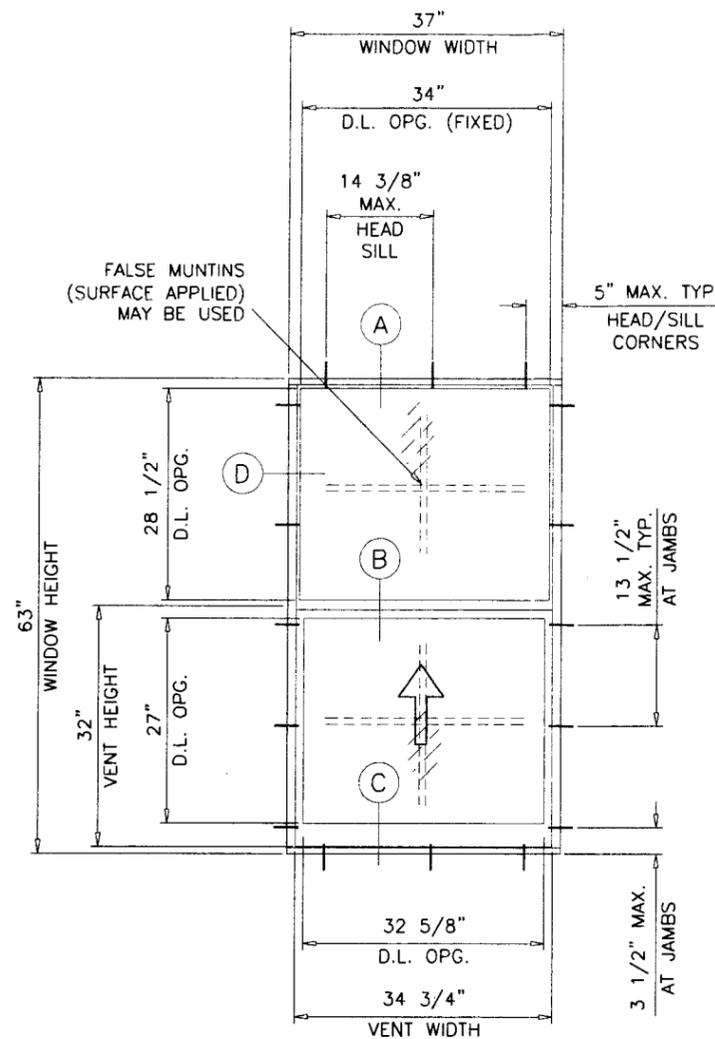
1. Statement letter of conformance, dated February 26, 2009, signed and sealed by Dr. Humayoun Farooq, P.E.
2. Letter of Compliance, dated February 26, 2009, signed and sealed by Dr. Humayoun Farooq, P.E
3. Statement letter of conformance by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5250**, dated July 31, 2007, signed and sealed by Carlos S. Rionda, P.E.
4. Statement letter of conformance and independence by Hurricane Engineering & Testing Inc., Test Report No. **HETI-04-1419A and HETI-04-1419B**, dated January 21, 2005, signed and sealed by Ivonne Ghia, P.E.
(Submitted under NOA# 05-0810.04)
5. Letter from AWP, LLC, dated 03/10/09, requesting a revision to update to the FBC2007 and company name, signed by Mr. Roberto Perez, AWP, LLC.

G. OTHERS

1. Notice of Acceptance No. **07-0829.02**, issued to **Yale Ogron Windows and Doors, Inc.** for their Series “2500 Alum. Single Hung Window”, approved on 01/10/2008 and expiring on 12/01/2010.



Fitz A. Harris, P.E.
Product Control Examiner
NOA No. 09-0316.09
Expiration Date: December 01, 2010
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TYPICAL ELEVATION
TESTED UNITS

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

SERIES 2500 ALUMINUM SINGLE HUNG WINDOW

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

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004/2007 EDITION 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 IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004/2007 FLORIDA BLDG. CODE SECTION 2003.8.4.

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 09-0316.09
Expiration Date 12-01-2010
By Jay Harris
Miami Dade Product Control Division

LAMINATED GLASS
LARGE MISSILE IMPACT

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

MAR 04 2009

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 \ W05 - 37AWP

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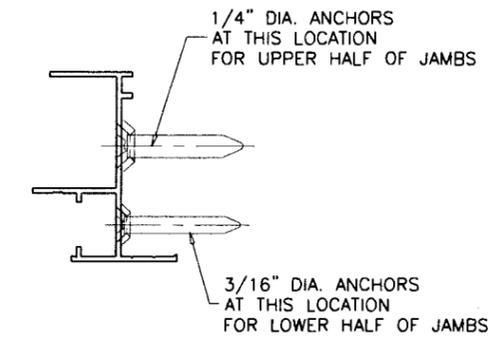
no	date	by	description
A	10.05.05	CO. NAME REV.	
B	07.16.07	NEW GLASS TYPE ADDED	
C	02.17.09	UPDATED FOR 2007 FBC	

date: 07-26-05
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

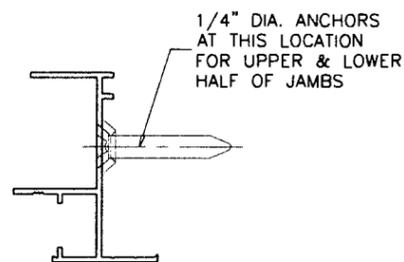
drawing no.
W05-37
sheet 1 of 5

EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF						
WINDOW DIMS.		ANCHORS METHOD 'A'		ANCHORS METHOD 'B'		
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
19-1/8"	26"	70.0	90.0	70.0	90.0	
26-1/2"		70.0	90.0	70.0	90.0	
37"		70.0	90.0	70.0	90.0	
42"		(3)	70.0	90.0	70.0	90.0
48"		70.0	85.4	70.0	90.0	
53-1/8"		70.0	78.0	70.0	90.0	
19-1/8"	38-3/8"	70.0	90.0	70.0	90.0	
26-1/2"		70.0	90.0	70.0	90.0	
37"		70.0	90.0	70.0	90.0	
42"		(4)	70.0	81.5	70.0	90.0
48"		70.0	73.0	70.0	90.0	
53-1/8"		67.0	67.0	70.0	90.0	
19-1/8"	50-5/8"	70.0	90.0	70.0	90.0	
26-1/2"		70.0	81.4	70.0	90.0	
37"		64.2	64.2	70.0	90.0	
42"		(4)	58.3	58.3	70.0	90.0
48"		52.5	52.5	60.0	65.0	
53-1/8"		48.4	48.4	60.0	65.0	
19-1/8"	59"	70.0	90.0	70.0	90.0	
26-1/2"		70.0	83.1	70.0	90.0	
37"		66.0	66.0	70.0	90.0	
42"		(5)	60.0	60.2	60.0	65.0
48"		54.5	54.5	60.0	65.0	
53-1/8"		50.3	50.3	60.0	65.0	
19-1/8"	63"	70.0	90.0	70.0	90.0	
26-1/2"		70.0	90.0	70.0	90.0	
37"		70.0	72.8	70.0	90.0	
42"		(6)	60.0	65.0	60.0	65.0
48"		60.0	60.2	60.0	65.0	
53-1/8"		53.3	53.3	60.0	65.0	
19-1/8"	74-1/4"	70.0	90.0	70.0	90.0	
26-1/2"		70.0	74.8	70.0	90.0	
37"		58.4	58.4	60.0	65.0	
42"		(6)	53.4	53.4	60.0	65.0
48"		48.6	48.6	60.0	65.0	
53-1/8"		45.2	45.2	60.0	65.0	

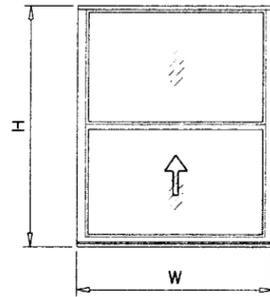
* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



ANCHORS METHOD 'A'

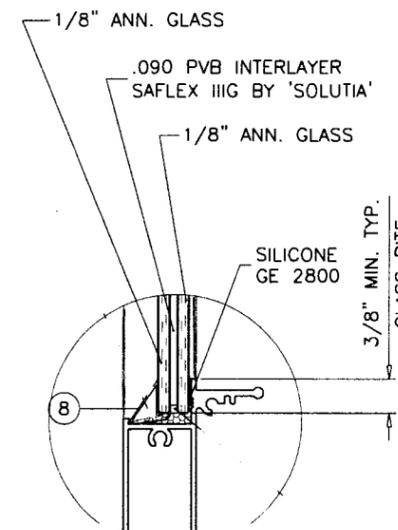
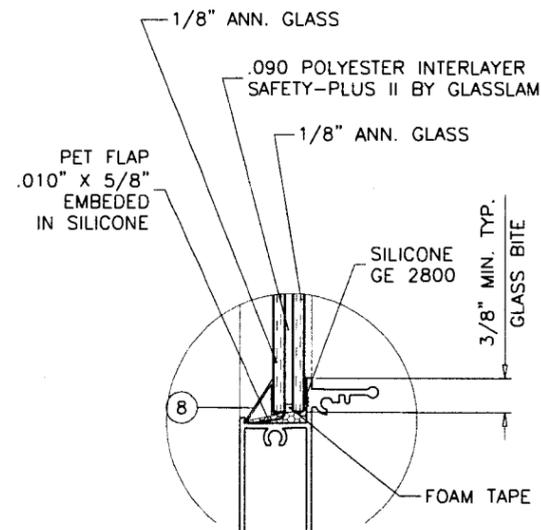
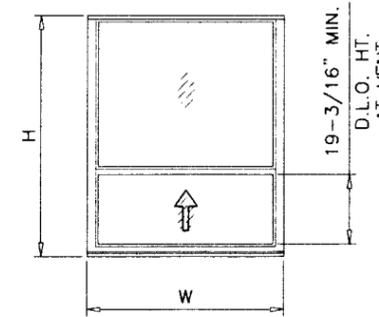


ANCHORS METHOD 'B'



UNEQUAL LITES (ORIEL TYPES) WINDOWS DESIGN LOAD CAPACITY - PSF						
WINDOW DIMS.		ANCHORS METHOD 'A'		ANCHORS METHOD 'B'		
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
19-1/8"	50-5/8"	70.0	90.0	70.0	90.0	
26-1/2"		70.0	80.3	70.0	90.0	
37"		63.2	63.2	70.0	90.0	
42"		(4)	57.5	57.5	70.0	90.0
48"		51.9	51.9	70.0	90.0	
53-1/8"		47.9	47.9	70.0	81.9	
19-1/8"	59"	70.0	90.0	70.0	90.0	
26-1/2"		70.0	82.2	70.0	90.0	
37"		63.9	63.9	70.0	90.0	
42"		(5)	58.4	58.4	70.0	90.0
48"		52.9	52.9	70.0	80.4	
53-1/8"		49.0	49.0	70.0	72.4	
19-1/8"	63"	70.0	90.0	70.0	90.0	
26-1/2"		70.0	90.0	70.0	90.0	
37"		70.0	70.1	70.0	90.0	
42"		(6)	63.9	63.9	70.0	83.7
48"		58.0	58.0	70.0	74.9	
19-1/8"	74-1/4"	70.0	90.0	70.0	90.0	
26-1/2"		70.0	74.2	70.0	90.0	
37"		(6)	56.5	56.5	70.0	73.1

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



GLAZING OPTIONS

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

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

MAR 04 2009

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 09-0316.09
Expiration Date 12-01-2010
By *Siby Harris*
Miami Dade Product Control
Division

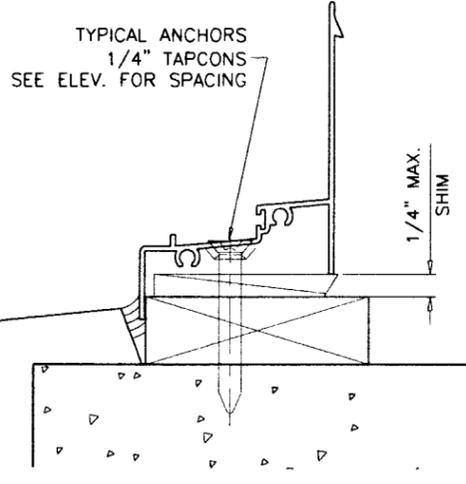
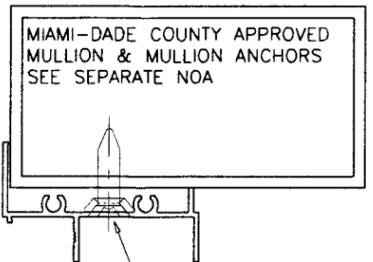
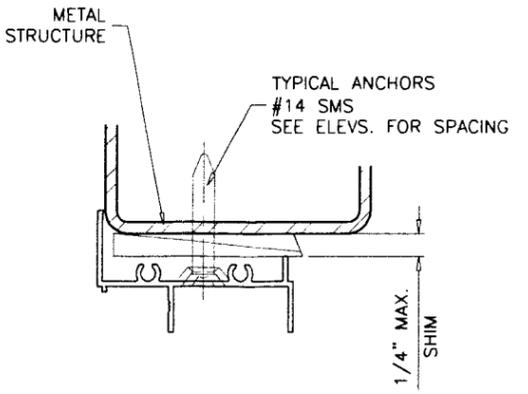
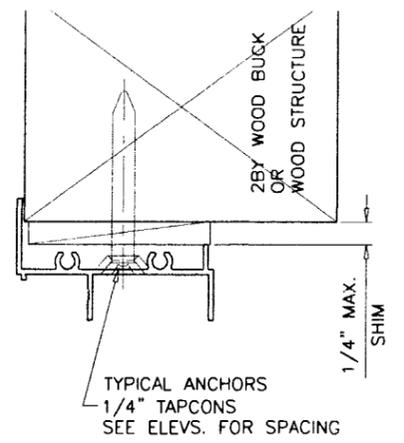
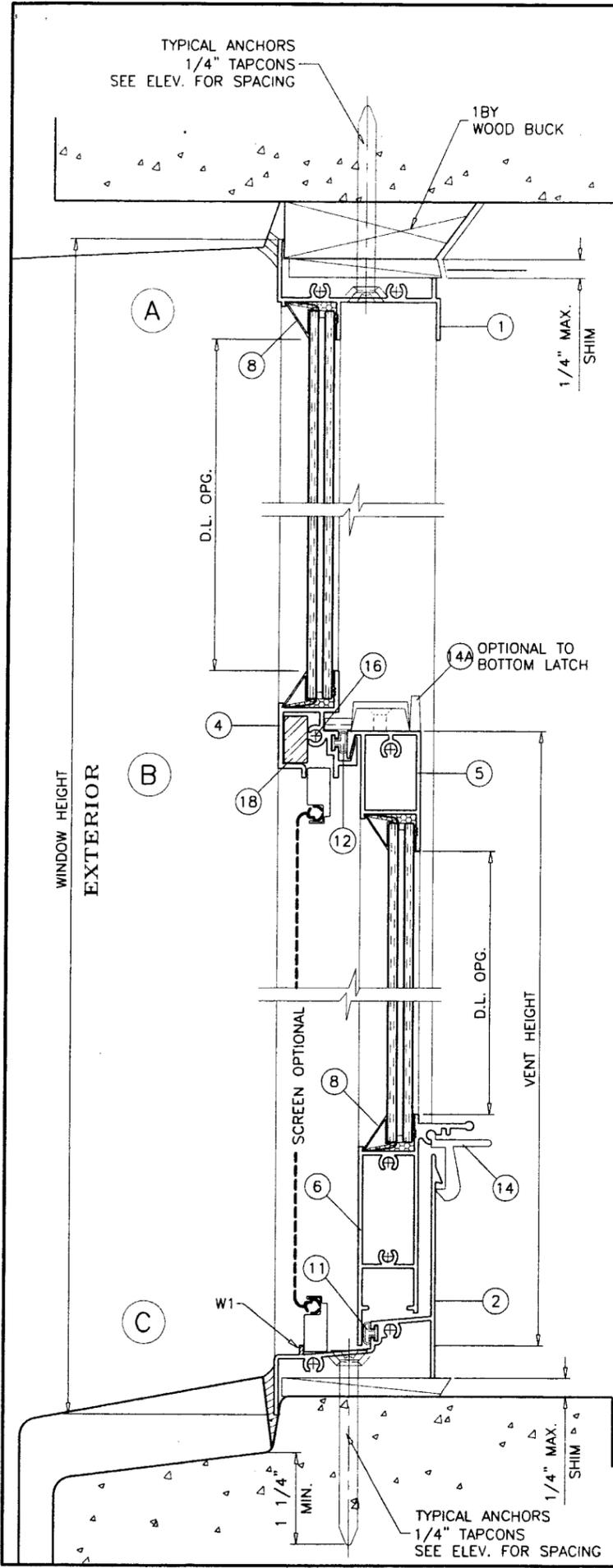
afC
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COMP - ANL \ W05 - 37AWP

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no.	date	description
A	10.05.05	INTERLAYER, CO. NAME REV.
B	07.16.07	NEW GLASS TYPE ADDED
C	02.17.09	UPDATED FOR 2007 FBC

date:	07-26-05
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

drawing no.
W05-37
sheet 2 of 5



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

3/16" OR 1/4" TAPCONS (SEE SHEET 2 FOR USE OF 3/16" TAPCONS)
 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

#14 SMS OR SELF DRILLING SCREWS (GRADE 5 CRS)

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)

#10 SMS OR SELF DRILLING SCREWS

INTO MIAMI-DADE COUNTY APPROVED MULLIONS
 (NO SHIM SPACE)

ANCHOR EDGE DISTANCES

INTO CONCRETE AND MASONRY = 1-1/4" MIN.
 INTO WOOD STRUCTURE = 3/4" MIN.
 INTO METAL STRUCTURE = 1/2" MIN.

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
 SCHNEE MOREHEAD SEAM SEALER SM5555.

WEEPHOLES:

W1 = 3/4" WEEP NOTCH AT EACH END

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

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af c
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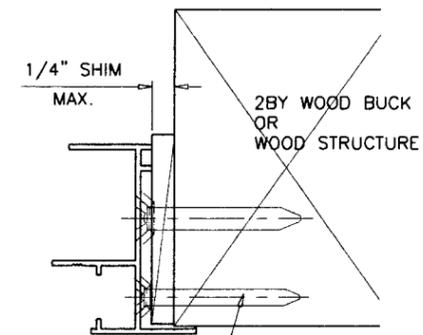
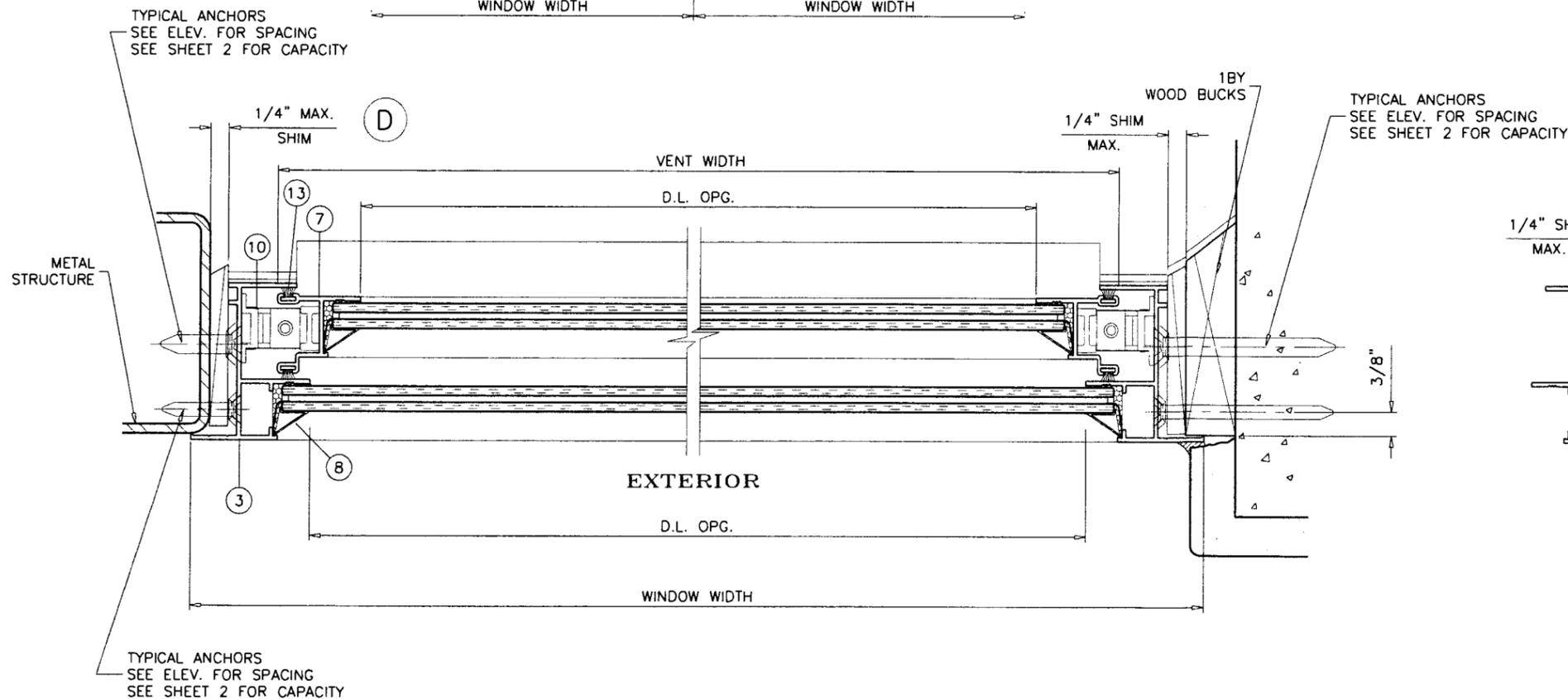
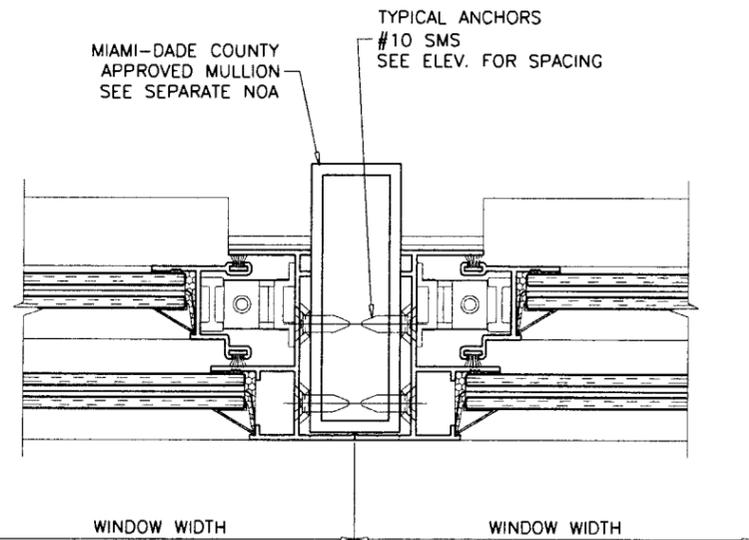
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no	date	description
A	10-05-05	INTERLAYER, CO. NAME REV.
B	07-16-07	NEW GLASS TYPE ADDED
C	02-17-09	UPDATED FOR 2007 FBC

date: 07-26-05
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W05-37
 sheet 3 of 5

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YE-169	1	FRAME HEAD	6063-T5	-
2	YE-167	1	FRAME SILL	6063-T5	-
3	YE-102	2	FRAME JAMB	6063-T5	-
4	YE-152	1	FIXED RAIL	6063-T5	-
5	YE-151	1	VENT TOP RAIL	6063-T5	-
6	YE-168	1	VENT BOTTOM RAIL	6063-T5	-
7	YE-92D	2	VENT JAMB	6063-T5	-
8	-	AS REQD.	GLAZING BEAD	ALUMINUM	ROLL FORMED
9	-	-	-	-	-
10	-	2/ VENT	BLOCK & TACKLE BALANCE	-	-
11	YH-511	AS REQD.	BULB VINYL	PVC	SINGLE
12	YH-510	AS REQD.	BULB VINYL	PVC	SINGLE
13	YH-509F	AS REQD.	PILE-SCHLEGEL .187 X .250	-	FIN SEAL (DOUBLE)
14	YH-504	2/ VENT	VENT LATCHES	NYLON/CELCON	AT 11" FROM ENDS
14A	YH-515	2/ VENT	CAM LOCKS	ZAMAK	AT 11" FROM ENDS
15	#10 X 3/4"	8	FRAME ASSEMBLY SCREWS	CRS	PLATED, PH SMS
16	#8 X 1"	2	FIXED RAIL SCREWS	CRS	CAD PLATED, PH SMS
17	#8 X 1-1/4"	4/ VENT	VENT ASSEMBLY SCREWS	CRS	CAD PLATED, PH SMS
18	HRB93	1	REINFORCING BAR (.627 X .312")	STEEL	-



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Engr: DR. HUMAYOUN FAROOQ
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MAR 04 2009

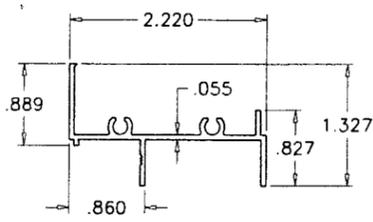
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MEDLEY, FL. 33166
TEL. (305) 887-2646 FAX (305) 883-1309

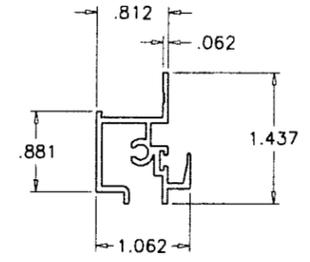
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A	10.05.05	INTERLAYER, CO. NAME REV.
B	07.16.07	NEW GLASS TYPE ADDED
C	02.17.09	UPDATED FOR 2007 FBC

date: 07-26-05
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

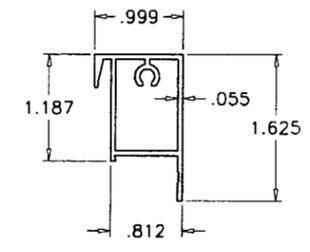
drawing no.
W05-37
sheet 4 of 5



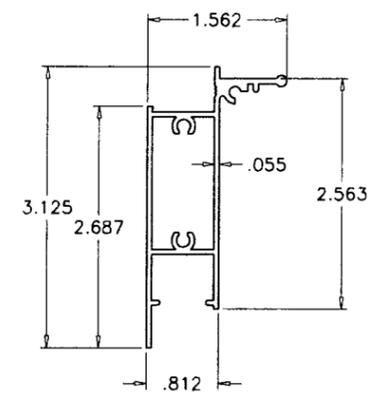
FRAME HEAD



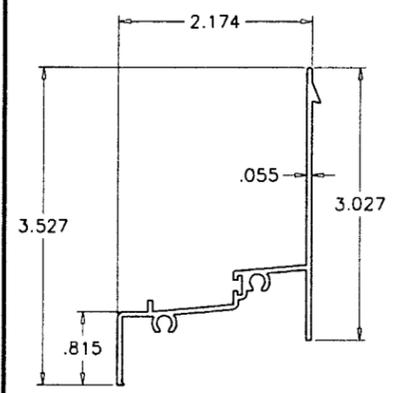
FIXED RAIL



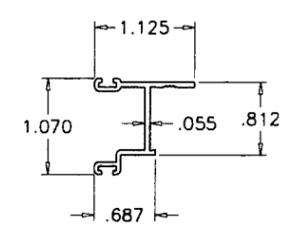
VENT TOP RAIL



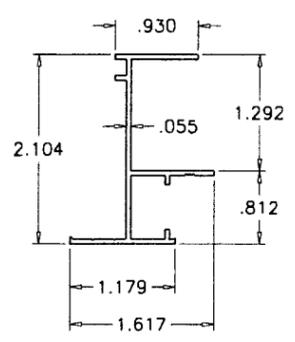
VENT BOTTOM RAIL



FRAME SILL

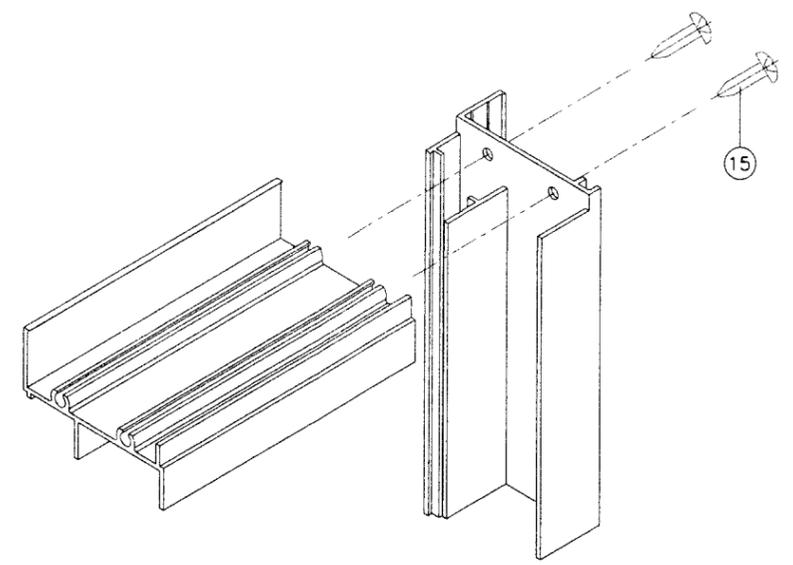


VENT SIDE RAIL

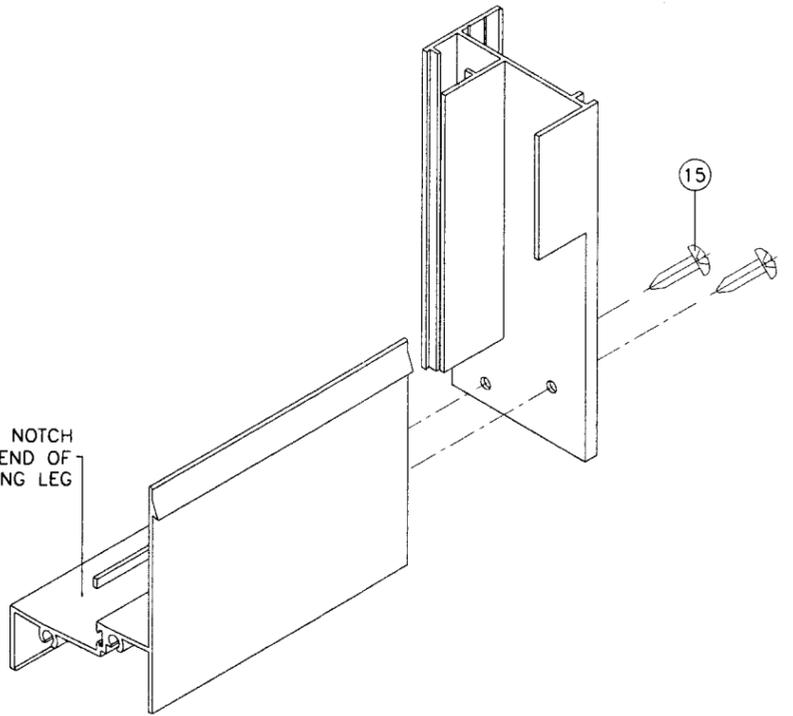


FRAME JAMB

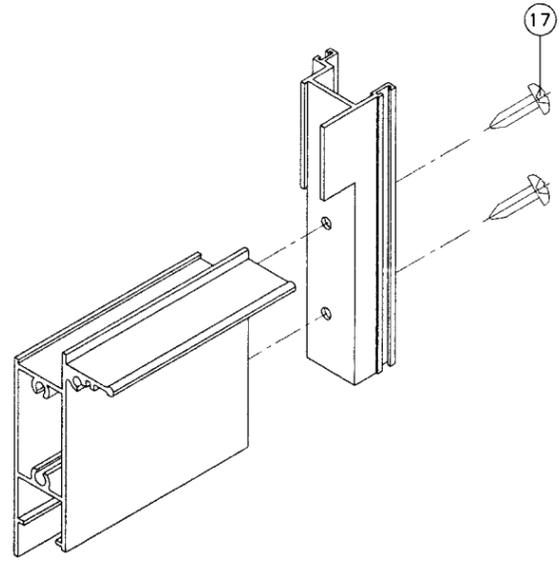
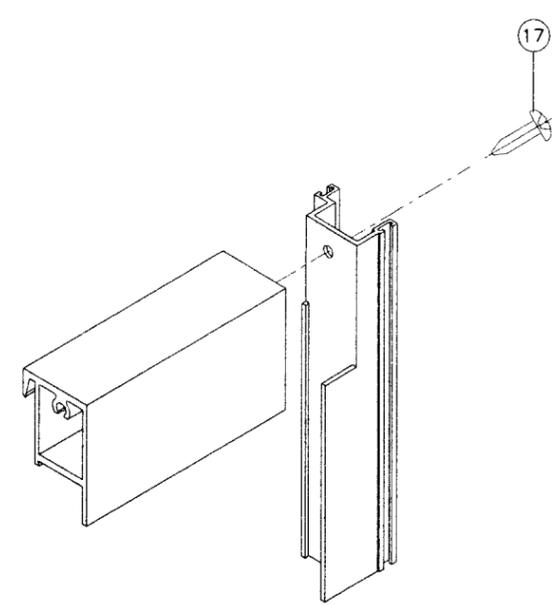
3/4" WEEP NOTCH
AT EACH END OF
SCREEN RETAINING LEG



S.H. FRAME CORNER DETAIL



S.H. VENT CORNER DETAIL



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

MAR 04 2009

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 09-0316-09
Expiration Date 12-01-2010

By *Steve Harris*
Miami Dade Product Control
Division

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP - ANL \ W05 - 37AWP

SERIES 2500 ALUM SINGLE HUNG WINDOW (L.M.I.)
AWP, LLC.
8130 N.W. 74TH AVE.
MEDLEY, FL. 33166
TEL. (305) 887-2646 FAX (305) 883-1309

no	date	by	description
A	10.05.05	CO. NAME REV.	
B	07.16.07	NEW GLASS TYPE ADDED	
C	02.17.09	UPDATED FOR 2007 FBC	

revisions:
date: 07-26-05
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W05-37
sheet 5 of 5