



**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) 375-2908**  
**www.buildingcodeonline.com**

**NOTICE OF ACCEPTANCE (NOA)**

**T. M. Window and Door**  
**601 N. W. 12<sup>th</sup> Ave**  
**Pompano Beach, Florida, 33609**

**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 "515" Aluminum Outswing Casement Window -LM Impact**

**APPROVAL DOCUMENT:** Drawing No. **W06-30**, titled "Series 515 Aluminum Casement window", 1 through 5 of 5, prepared by Al-Farooq Corporation, dated 04-14-06 and last revised on Oct. 12, 2006, signed and sealed by Dr. 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 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 # 01-1129.03** and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P. E.**



10/11/06

**NOA No 06-0614.03**  
**Expiration Date: May 01, 2008**  
**Approval Date: November 08, 2006**  
**Page 1**

**T. M. Window and Door**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- E. STATEMENTS** (transferred from file # **01-1129.03**)
1. Letter of conformance and "No financial interest, dated 10-12-2006 signed & sealed by Dr. Humayoun Farooq, P.E.
  2. Statement letter of compliance, part of test report, issued by Fenestration Testing laboratory and American Test Lab of South Florida.
  3. Letter & marked-up drawing dated March 12, 2003 issued by Fenestration Testing laboratory, signed by Roberto Robleto.
- F. OTHER**
1. This NOA revises NOA # **01-1129.03**, expiring 05-01-2008

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P. E.**  
**Product Control Examiner**  
**NOA No 06-0614.03**  
**Expiration Date: May 01, 2008**  
**Approval Date: November 08, 2006**

**T. M. Window and Door**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W06-30**, titled "Series 515 Aluminum Casement window", 1 through 5 of 11, prepared by Al-Farooq Corporation, dated 04-14-06 and last revised on Oct. 12, 2006, signed and sealed by Dr. Humayoun Farooq, P. E.

**B. TESTS (transferred from file # 01-1129.03)**

1. Test reports on
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Small Missile Impact Test per FBC, TAS 201-94 (**FTL2770**)
  - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 7) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

along with marked-up drawings and installation diagram of an aluminum casement windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2770 (00122) & FTL-2587(00006)**, dated 6/13/01 and 04-04-00, signed and sealed by Antonio Acevedo, P. E. and Aldo P. Gonzales, P.E. respectively.

Note: Test report FTL-2587 has been revised by addendum letter dated 04-12-2000, issued by Fenestration Testing Laboratory, signed and sealed by Aldo P. Gonzales, 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 20294
  - 3) Large Missile Impact Test per FBC, TAS 201-94
  - 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with installation diagram of an aluminum casement window, prepared by American Test Lab of South Florida, Test Report No. **ATL 0806.01-02** dated 09-24-02, signed and sealed by William R. Mehner, P.E.

**C. CALCULATIONS**

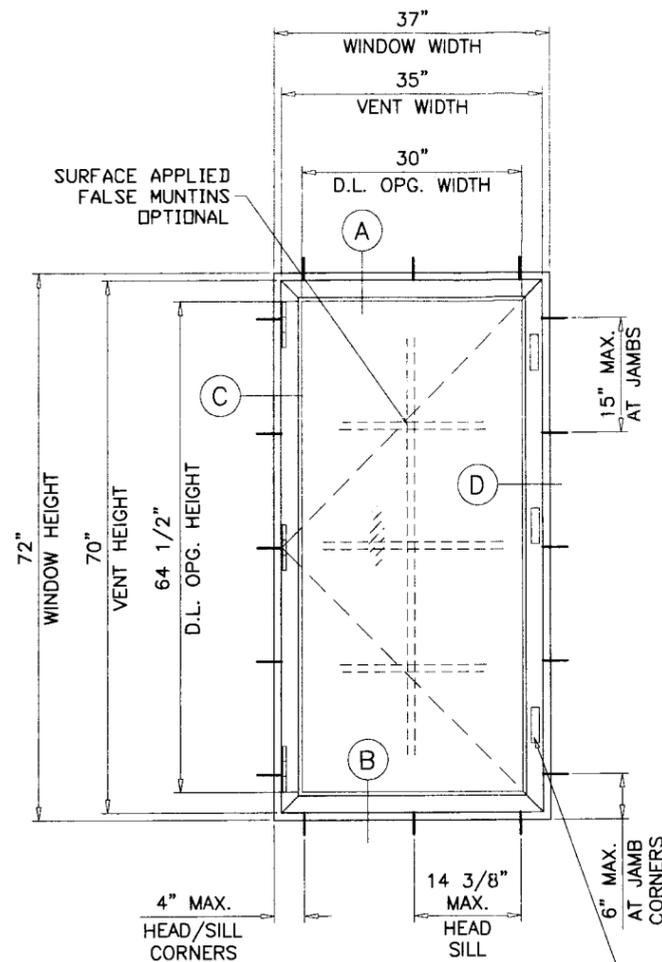
1. Structural performance, comparative analysis and anchor verification, prepared by Al-Farooq Corporation dated 05-31-06, complying w/ FBC 2004, signed and sealed by Dr. Humayoun Farooq, P. E.
2. Glazing complies w/ ASTME-1300-98 & -02

**D. MATERIAL CERTIFICATIONS**

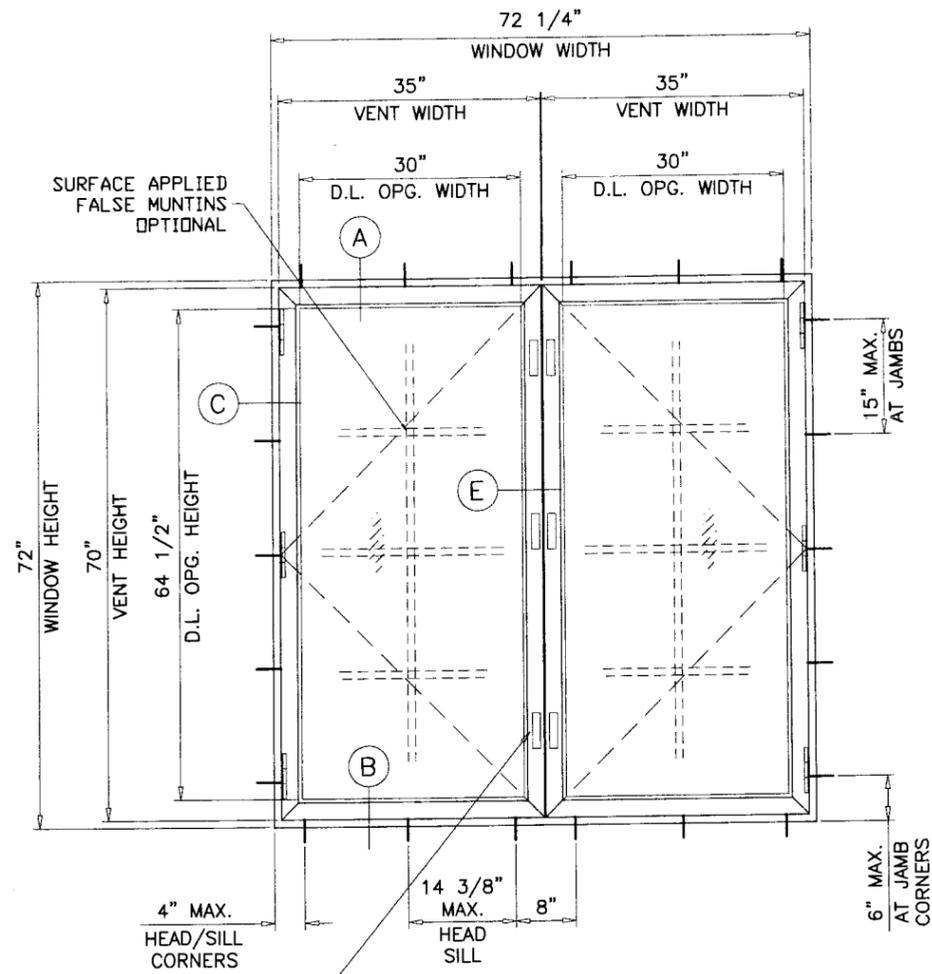
1. Notice of Acceptance No. **02-1205.03** issued to Security Impact Glass Holding L. L. C for "Saf-Glas", expiring on 12/16/07.
2. Notice of Acceptance No. **03-0916.02** issued to Glasslam N.G.I dba Nebula Glass Int'l for "Glasslam Safety-Plus Laminated Glass", expiring on 09/09/08.
3. Notice of Acceptance No. 03-0827.08 issued to Solutia, Inc. for "**Solutia Interlayers**", expiring on 03/04/09.

*Ishaq I. Chanda*

**Ishaq I. Chanda, P. E.**  
**Product Control Examiner**  
**NOA No 06-0614.03**  
**Expiration Date: May 01, 2008**  
**Approval Date: November 08, 2006**



**SINGLE VENT WDW.**



**DUAL VENT WDW.**

WDW. HEIGHT UPTO	NO. OF HINGES AT SASH	NO. OF LOCKS AT SASH
38-3/8	2	2
72"	3	3

**D.L. OPENINGS**  
 DLO HT. = WDW. HT - 7.5"  
 DLO W. (SINGLE VENT) = WDW. W - 7"  
 DLO W. (DUAL VENT) = WDW. W/2 - 6.125"

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

**SERIES 515 ALUMINUM CASEMENT WINDOW**

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

APPROVAL APPLIES TO SINGLE CASEMENT WINDOWS, ALSO COMBINATIONS OF CASMT/CASMT OR CASMT WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE 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 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 IN ALLOWABLE STRESS 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 FLORIDA BLDG. CODE SECTION 2003.8.4.

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No 06-061403  
 Expiration Date NOV 08, 2008  
 By Islem J. Llanada  
 Miami Dade Product Control Division

**LAMINATED GLASS  
 LARGE MISSILE IMPACT**

Engr: DR. HUMAYGUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538  
 OCT 7 2008

**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\W06-30TMM

SERIES 515 ALUMINUM CASEMENT WINDOW (L.M.I.)  
**TM WINDOW AND DOOR**  
 601 N.W. 12TH AVE.  
 POMPANO BEACH, FL. 33069  
 TEL. (954) 781-4430 FAX. (954) 781-5078

revisions:		no	date	by	description
A	10.11.06				REV. PER BCCO COMMENTS

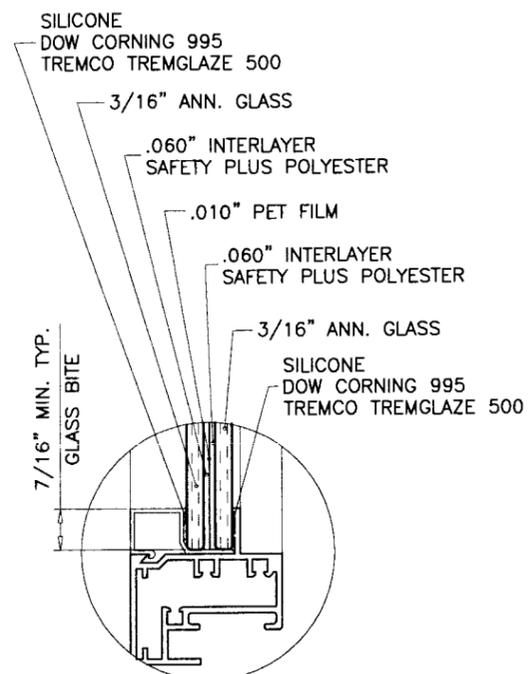
date: 04-14-06	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
drawing no. <b>W06-30</b>			
sheet 1 of 5			

DESIGN LOAD CAPACITY - PSF FOR ( X ) SIZES					
WINDOW DIMS.		GLASS TYPE 'A' & 'C'		GLASS TYPE 'B' & 'D'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26" (2)	62.0	62.0	80.0	80.0
26-1/2"		62.0	62.0	80.0	80.0
37"		62.0	62.0	80.0	80.0
19-1/8"	38-3/8" (3)	62.0	62.0	80.0	80.0
26-1/2"		62.0	62.0	80.0	80.0
37"		62.0	62.0	80.0	80.0
19-1/8"	50-5/8" (4)	62.0	62.0	80.0	80.0
26-1/2"		62.0	62.0	80.0	80.0
37"		62.0	62.0	80.0	80.0
19-1/8"	63" (5)	62.0	62.0	80.0	80.0
26-1/2"		62.0	62.0	80.0	80.0
37"		62.0	62.0	80.0	80.0
19-1/8"	74-1/4" (6)	62.0	62.0	80.0	80.0
26-1/2"		62.0	62.0	80.0	80.0
37"		62.0	62.0	80.0	80.0
30"	74-1/4"(6)	62.0	62.0	80.0	80.0
18"	24" (2)	62.0	62.0	80.0	80.0
24"		62.0	62.0	80.0	80.0
30"		62.0	62.0	80.0	80.0
36"		62.0	62.0	80.0	80.0
18"	36" (3)	62.0	62.0	80.0	80.0
24"		62.0	62.0	80.0	80.0
30"		62.0	62.0	80.0	80.0
36"		62.0	62.0	80.0	80.0
18"	48" (4)	62.0	62.0	80.0	80.0
24"		62.0	62.0	80.0	80.0
30"		62.0	62.0	80.0	80.0
36"		62.0	62.0	80.0	80.0
18"	60" (5)	62.0	62.0	80.0	80.0
24"		62.0	62.0	80.0	80.0
30"		62.0	62.0	80.0	80.0
36"		62.0	62.0	80.0	80.0
18"	63" (5)	62.0	62.0	80.0	80.0
24"		62.0	62.0	80.0	80.0
30"		62.0	62.0	80.0	80.0
36"		62.0	62.0	80.0	80.0
18"	72" (6)	62.0	62.0	80.0	80.0
24"		62.0	62.0	80.0	80.0
30"		62.0	62.0	80.0	80.0
36"		62.0	62.0	80.0	80.0
37"	72"(6)	62.0	62.0	80.0	80.0

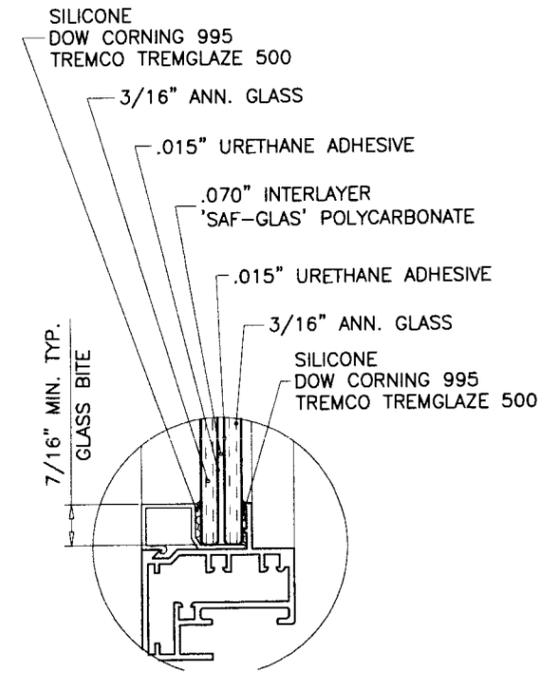
( ) = NO. OF ANCHORS PER JAMB

DESIGN LOAD CAPACITY - PSF FOR ( XX ) SIZES					
WINDOW DIMS.		GLASS TYPE 'A' & 'C'		GLASS TYPE 'B' & 'D'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26" (2)	62.0	62.0	80.0	80.0
37"		62.0	62.0	80.0	80.0
53-1/8"		62.0	62.0	80.0	80.0
26-1/2"	38-3/8" (3)	62.0	62.0	80.0	80.0
37"		62.0	62.0	80.0	80.0
53-1/8"		62.0	62.0	80.0	80.0
26-1/2"	50-5/8" (4)	62.0	62.0	80.0	80.0
37"		62.0	62.0	80.0	80.0
53-1/8"		62.0	62.0	80.0	80.0
26-1/2"	63" (5)	62.0	62.0	80.0	80.0
37"		62.0	62.0	80.0	80.0
53-1/8"		62.0	62.0	67.9	67.9
26-1/2"	72" (6)	62.0	62.0	80.0	80.0
37"		62.0	62.0	65.4	65.4
53-1/8"		45.5	45.5	45.5	45.5
26-1/2"	24" (2)	62.0	62.0	80.0	80.0
36"		62.0	62.0	80.0	80.0
48"		62.0	62.0	80.0	80.0
60"	36" (3)	62.0	62.0	80.0	80.0
72"		62.0	62.0	80.0	80.0
24"		62.0	62.0	80.0	80.0
36"		62.0	62.0	80.0	80.0
48"	48" (4)	62.0	62.0	80.0	80.0
60"		62.0	62.0	80.0	80.0
72"		62.0	62.0	80.0	80.0
24"		62.0	62.0	80.0	80.0
36"	60" (5)	62.0	62.0	80.0	80.0
48"		62.0	62.0	80.0	80.0
60"		62.0	62.0	69.6	69.6
72"		58.0	58.0	58.0	58.0
24"	63" (5)	62.0	62.0	80.0	80.0
36"		62.0	62.0	80.0	80.0
48"		62.0	62.0	75.2	75.2
60"		60.2	60.2	60.2	60.2
72"	72" (6)	50.1	50.1	50.1	50.1
24"		62.0	62.0	80.0	80.0
36"		62.0	62.0	67.2	67.2
48"		50.4	50.4	50.4	50.4
60"	72" (6)	40.3	40.3	40.3	40.3
72"		33.6	33.6	33.6	33.6

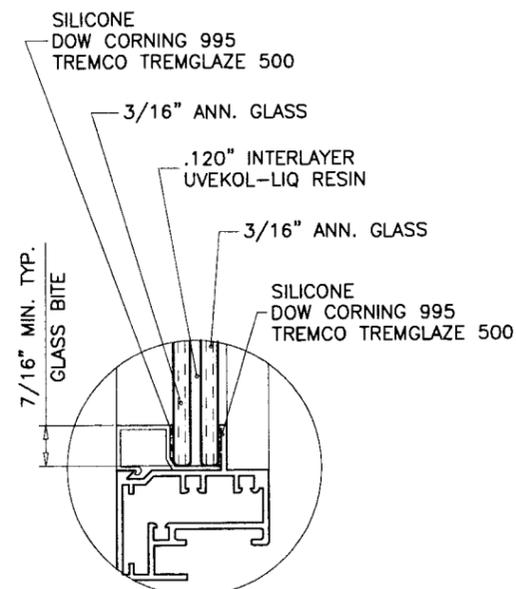
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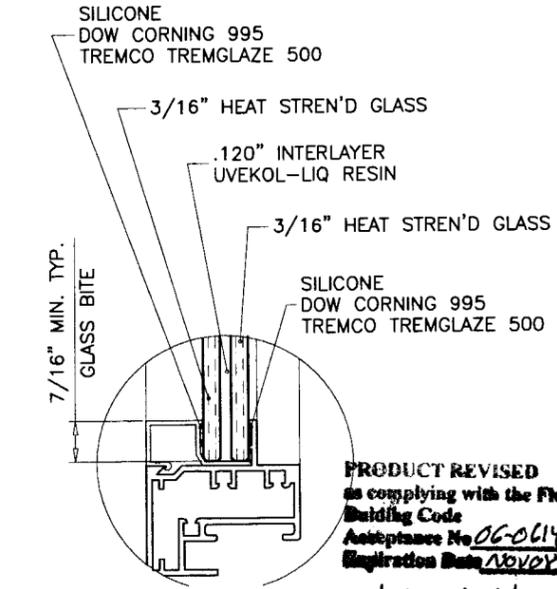
GLASS TYPE 'A'



GLASS TYPE 'B'



GLASS TYPE 'C'



GLASS TYPE 'D'

GLAZING OPTIONS

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.

Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3536  
 1/10/07

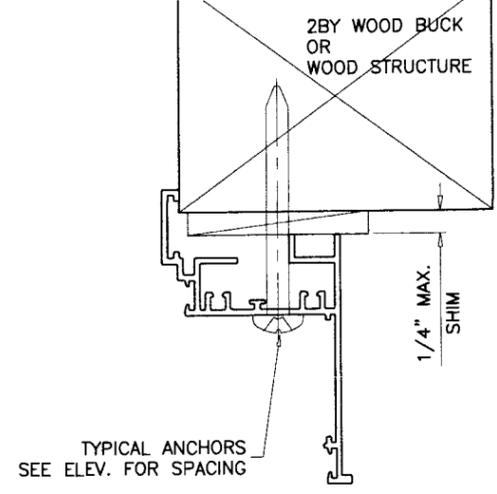
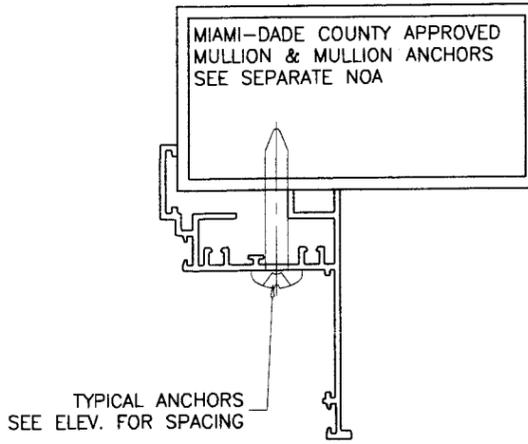
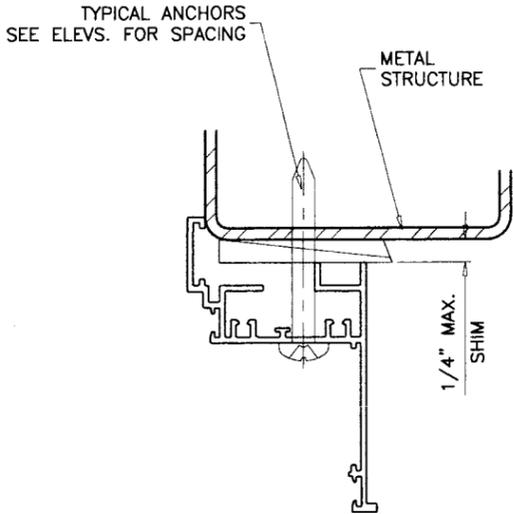
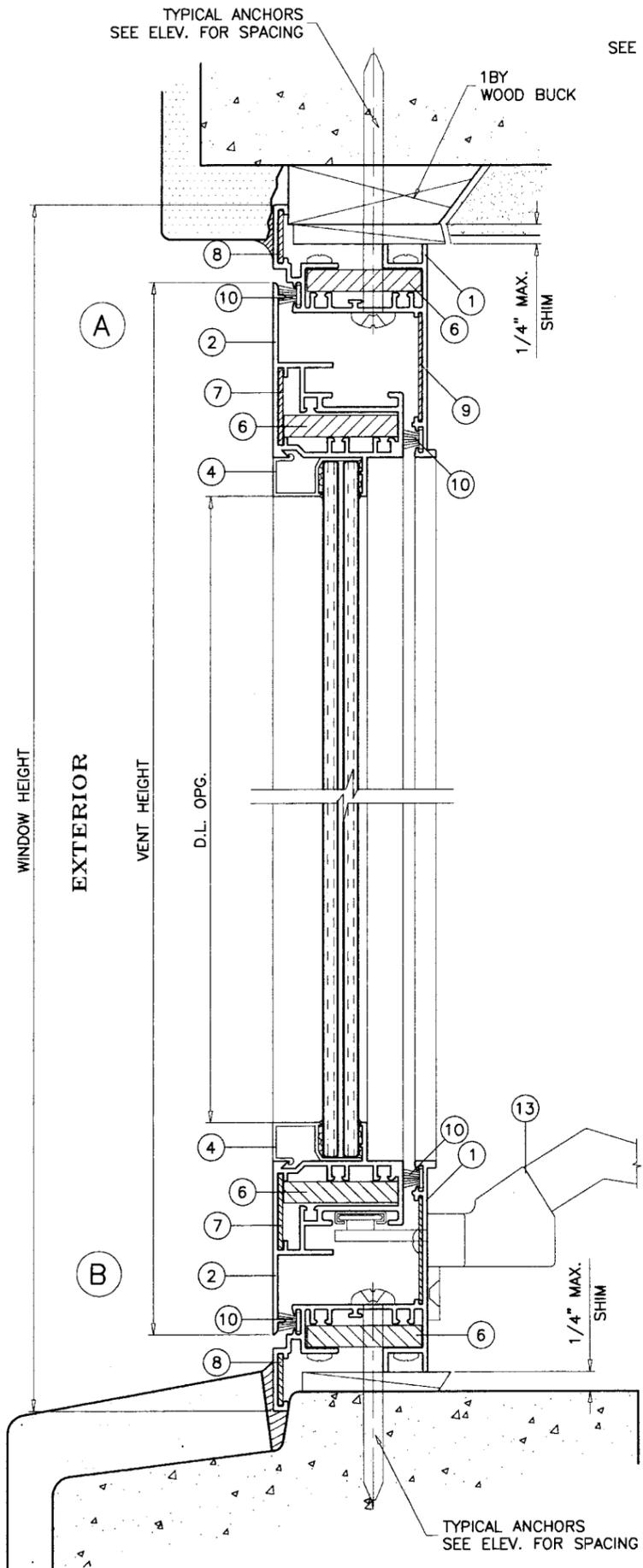
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
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 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W06-30TMM

SERIES 515 ALUMINUM CASEMENT WINDOW (L.M.I.)  
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no	date	description
A	10.11.06	REV. PER BCCO COMMENTS

date: 04-14-06  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W06-30**  
 sheet 2 of 5



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

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
**1/4" TAPCONS**  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 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**  
 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 (MIN. THK. = .125")  
 (NO SHIM SPACE)

**TYPICAL EDGE DISTANCE**  
 INTO CONCRETE AND MASONRY = 1-1/2" MIN.  
 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 1/2" MIN.

**SEALANTS:**  
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE OR ACRYLIC SEALANT.

Engr. DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 15557  
 C.A.N. 3538

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-0614.03  
 Expiration Date NOV 28, 2005  
 By Ishtag I. Chaudhry  
 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 W06-30TMW

SERIES 515 ALUMINUM CASEMENT WINDOW (L.M.I.)

**TM WINDOW AND DOOR**  
 601 N.W. 12TH AVE.  
 POMPANO BEACH, FL. 33069  
 TEL. (954) 781-4430 FAX. (954) 781-5078

revisions:	no	date	by	description
	A	10.11.06		REV. PER BCCO COMMENTS

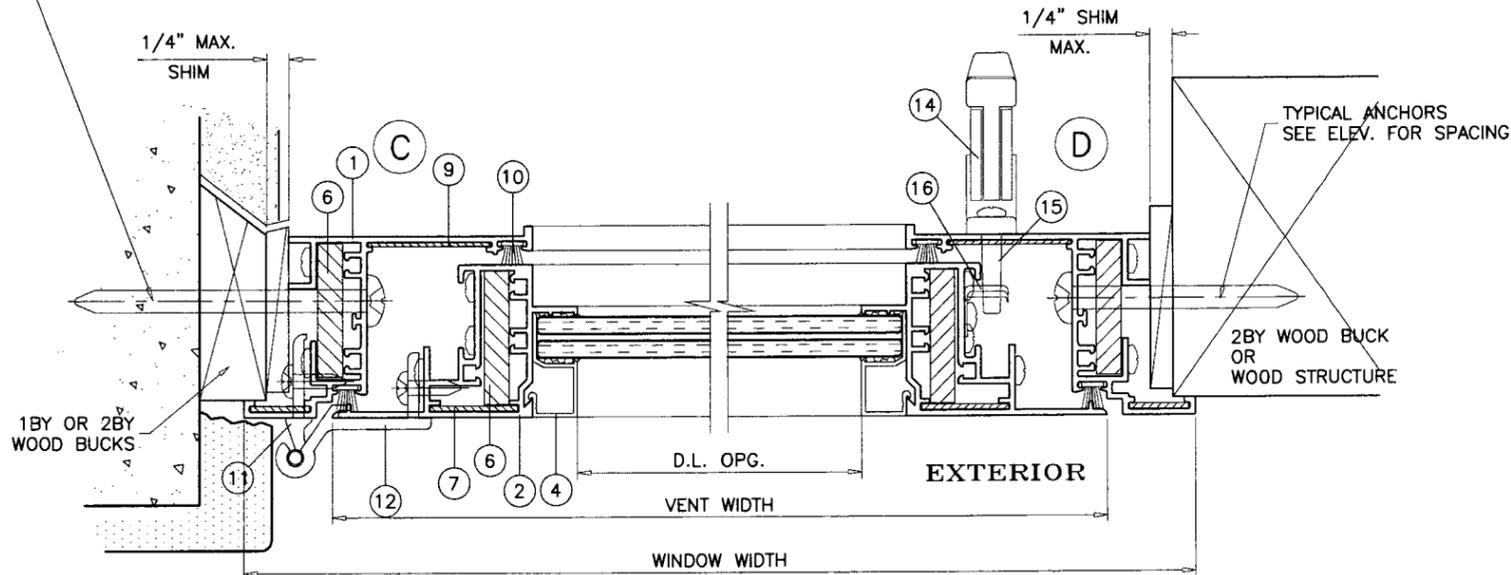
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 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W06-30**

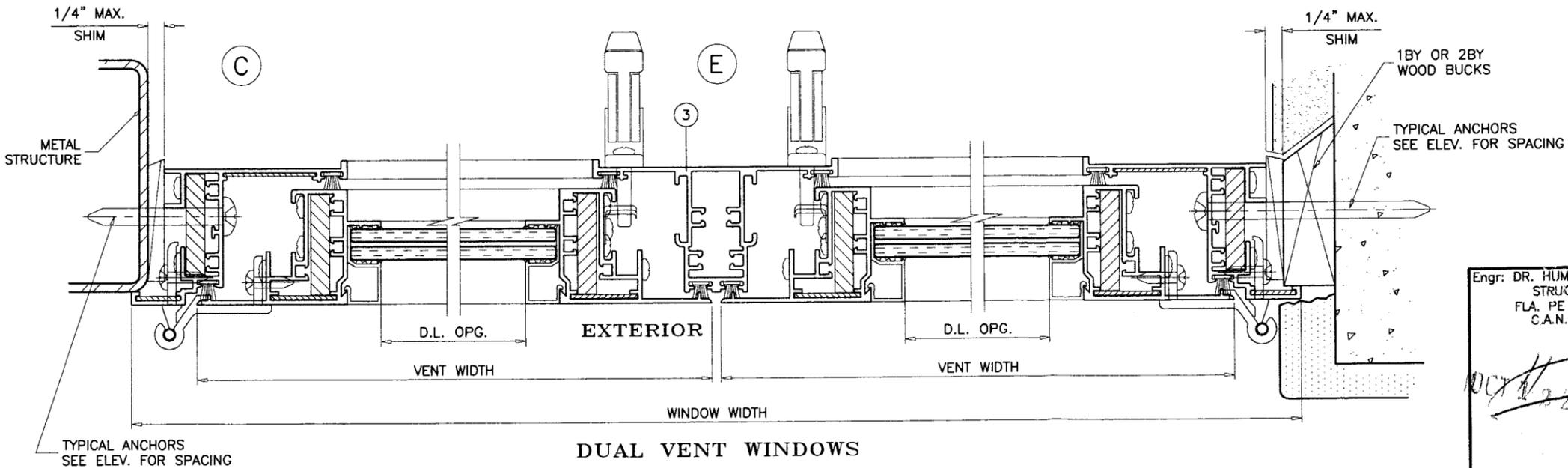
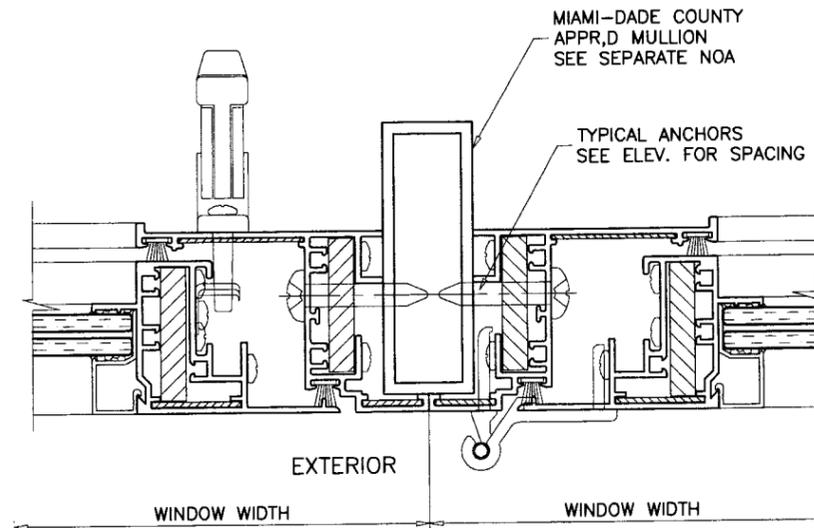
sheet 3 of 5

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	GW37528	4	FRAME	6063-T6	-
2	GW37526	4	VENT	6063-T6	-
3	GW37524	1	IMPOST	6063-T6	-
4	TM145	AS REQD.	GLAZING BEAD	6063-T6	-
5	#10 X 1-1/4"	2/ CORNER	FRAME/VENT ASSEMBLY SCREWS	ST. STEEL	PH SMS
6	SW27713	-	CORNER KEY	ALUMINUM	-
7	-	-	CORNER KEY (3 X 1 X .062" CHEVRON)	ALUMINUM	-
8	-	-	CORNER KEY (3 X 11/16 X .062" CHEVRON)	ALUMINUM	-
9	-	-	CORNER KEY (3 X 1-3/8" X .041" CHEVRON)	ALUMINUM	-
10	2230	AS REQD.	FRAME & VENT W'TRIPPING	FINSEAL	-
11	GW37521	AS REQD.	BUTT HINGE INTERIOR (FASTENED W/ (3) #10 X 3/8" PH SMS)	ALUMINUM	-
12	GW37522	AS REQD.	BUTT HINGE EXTERIOR (FASTENED W/ (2) #10 X 3/8" PH SMS)	ALUMINUM	-
13	23-65-32	-	ROTO OPERATOR (FASTENED W/ (4) #10 X 3/8" PH SMS)	-	TRUTH
14	24-11-32	AS REQD.	LEVER TYPE CAM LOCK (FASTENED W/ (2) #10 X 3/8" PH SMS)	-	-
15	21089	-	STRIKE KEEPER (FASTENED W/ (4) #8 X 1/2" TH SMS)	-	TRUTH
16	30238	-	KEEPER	-	-

TYPICAL ANCHORS  
SEE ELEV. FOR SPACING



SINGLE VENT WINDOWS



DUAL VENT WINDOWS

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 06-0614-03  
 Expiration Date NOV 8, 2008  
 By Ishag I. Chanda  
 Miami Dade Product Control  
 Division

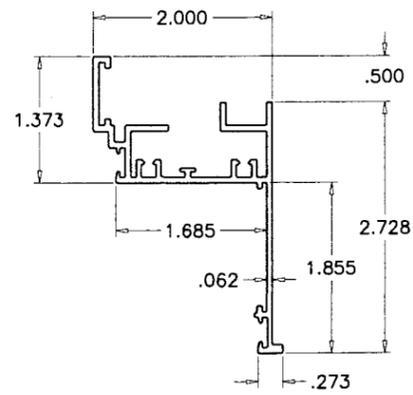
Engr: DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16537  
 C.A.N. 3538

**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\W06-30TMW

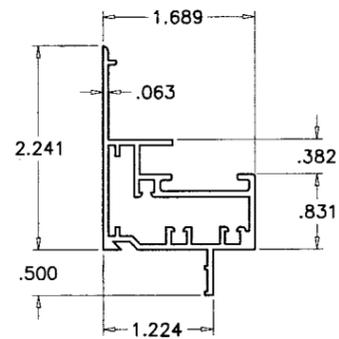
SERIES 515 ALUMINUM CASEMENT WINDOW (L.M.I.)  
**TM WINDOW AND DOOR**  
 601 N.W. 12TH AVE.  
 POMPANO BEACH, FL. 33069  
 TEL. (954) 781-4430 FAX. (954) 781-5078

revisions:	no	date	by	description
	A	10.11.06		REV. PER BCCO COMMENTS

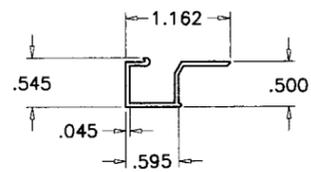
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drawing no. <b>W06-30</b>			
sheet 4 of 5			



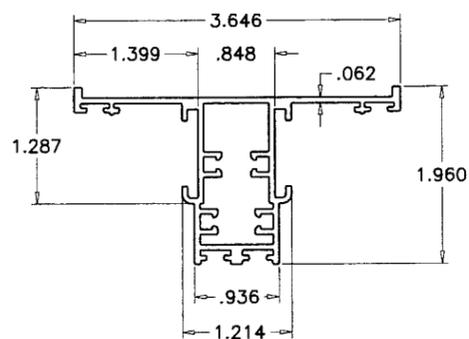
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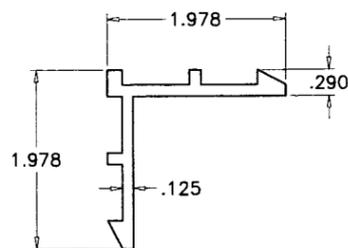
2 VENT



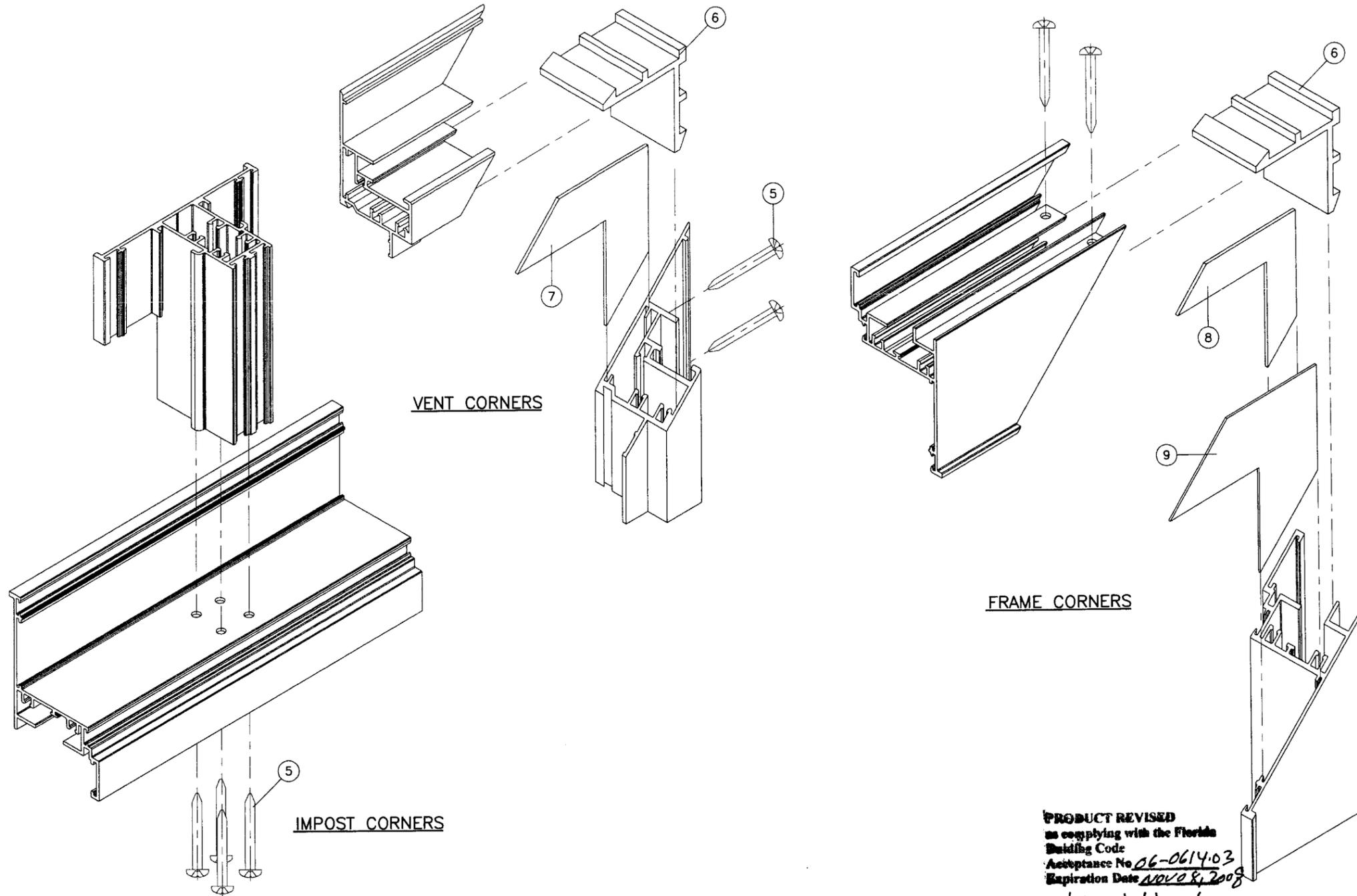
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3 IMPOST



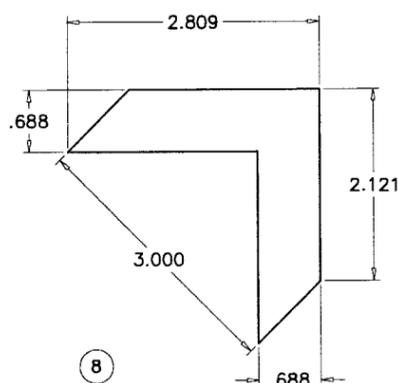
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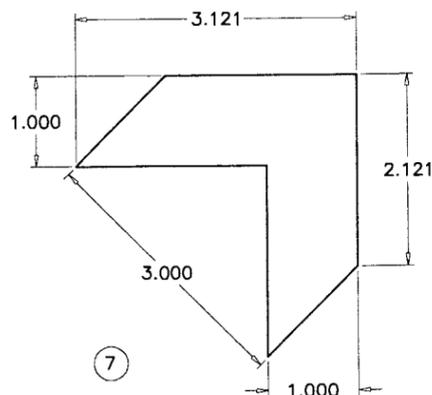
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FRAME CORNERS

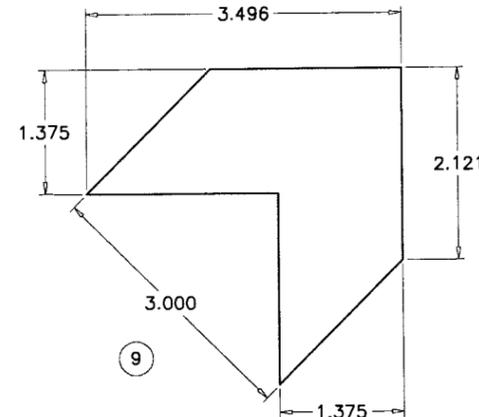
IMPOST CORNERS



8



7



9

CORNER KEYS

PRODUCT REVISED  
 to comply with the Florida  
 Building Code  
 Acceptance No. 06-0614.03  
 Expiration Date NOV 8, 2008  
 By Iskhan I. Iskhanov  
 Miami Door Product Control  
 Division

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

*[Handwritten signature]*  
 12/1/06

**af c**  
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date: 04-14-06  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W06-30**

sheet 5 of 5