



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1107
MIAMI, FLORIDA 33130-1563
(305) 375-2902 FAX (305) 372-6339**

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

**SIW Impact Windows, LLC.
975 S. Congress Avenue
Suite No. 102
Delray Beach, FL 33445**

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 "200 Stormsafe" Aluminum Horizontal Sliding Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W07-28**, titled "Series 200 Aluminum Horizontal Rolling Window – L.M.I.", sheets 1 through 8 of 8, dated April 24, 2007 with revision "B" dated July 28, 2009, prepared by Al-Farooq Corporation, signed, sealed and dated January 14, 2010 by Arshad Viqar, 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 No.'s **07-0511.10** and **07-0813.05** 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 **Jaime D. Gascon, P. E.**



*J. Gascon
4/21/10*

**NOA No. 10-0121.11
Expiration Date: August 01, 2012
Approval Date: April 21, 2010
Page 1**

SIW Impact Windows, LLC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W07-28**, titled "Series 200 Aluminum Horizontal Rolling Window – L.M.I.", sheets 1 through 8 of 8, dated April 24, 2007 with revision "**B**" dated July 28, 2009, prepared by Al-Farooq Corporation, signed, sealed and dated January 14, 2010 by Arshad Viqar, 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, TAS 202-94
along with marked-up drawings and installation diagram, prepared by Hurricane Engineering & Testing, Inc., Test Reports No.'s **HETI-06-4085, HETI-06-4086, HETI-06-4087, HETI-06-4094** and **HETI-06-4179**, dated February 26, 2007 and July 25, 2007, all signed and sealed by Rafael E. Dorz-Seda, P. E.
(Submitted under previous NOA No.'s 07-0511.10 and 07-0813.05)
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, prepared by Hurricane Engineering & Testing, Inc., Test Reports No.'s **HETI-06-4089, HETI-06-4090, HETI-06-4092, HETI-06-4095, HETI-07-4126** and **HETI-07-4282**, dated February 26, 2007 and July 25, 2007, all signed and sealed by Rafael E. Dorz-Seda, P. E.
(Submitted under previous NOA No.'s 07-0511.10 and 07-0813.05)

C. CALCULATIONS

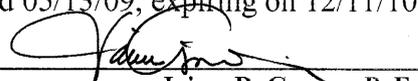
1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated December 15, 2009, signed and sealed by Arshad Viqar, P. E.
Complies with ASTM E1300-02/ 04

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **09-0312.03** issued to E. I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/13/09, expiring on 01/14/12.
2. Notice of Acceptance No. **09-0312.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite® PVB, Interlayer**" dated 05/13/09, expiring on 12/11/10.


Jaime D. Gascon, P. E.

Chief, Product Control Division
NOA No. 10-0121.11

Expiration Date: August 01, 2012
Approval Date: April 21, 2010

SIW Impact Windows, LLC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. MATERIAL CERTIFICATIONS (CONTINUED)

3. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III G Clear or colored interlayer**" dated 05/04/06, expiring on 05/21/11.

G. STATEMENTS

1. Statement letter of conformance and no financial interest, dated December 15, 2009, signed and sealed by Arshad Viqar, P. E.
2. Laboratory compliance letter for Test Reports No.'s **HETI-06-4085, HETI-06-4086, HETI-06-4087, HETI-06-4089, HETI-06-4090, HETI-06-4092, HETI-06-4094, HETI-06-4095, HETI-06-4179, HETI-07-4126 and HETI-07-4282**, issued by Hurricane Engineering & Testing, Inc., dated February 26 and July 25, 2007, all signed and sealed by Rafael E. Droz-Seda, P. E.
(Submitted under previous NOA No.'s 07-0511.10 and 07-0813.05)

G. OTHERS

1. Notice of Acceptance No. **07-0511.10**, issued to Security Impact Windows, LLC. for their Series "**200 Stormsafe Aluminum Horizontal Sliding Window - L.M.I.**", approved on 08/02/07 and expiring on 08/01/12.
2. Notice of Acceptance No. **07-0813.05**, issued to Security Impact Windows, LLC. for their Series "**200 Stormsafe (OX - XO) Aluminum Horizontal Sliding Window - L.M.I.**", approved on 09/20/07 and expiring on 09/20/12.
3. Statement letter of in compliance with the Florida Building Code 2007, dated March 23, 2010, signed and sealed by consultant's professional engineer.



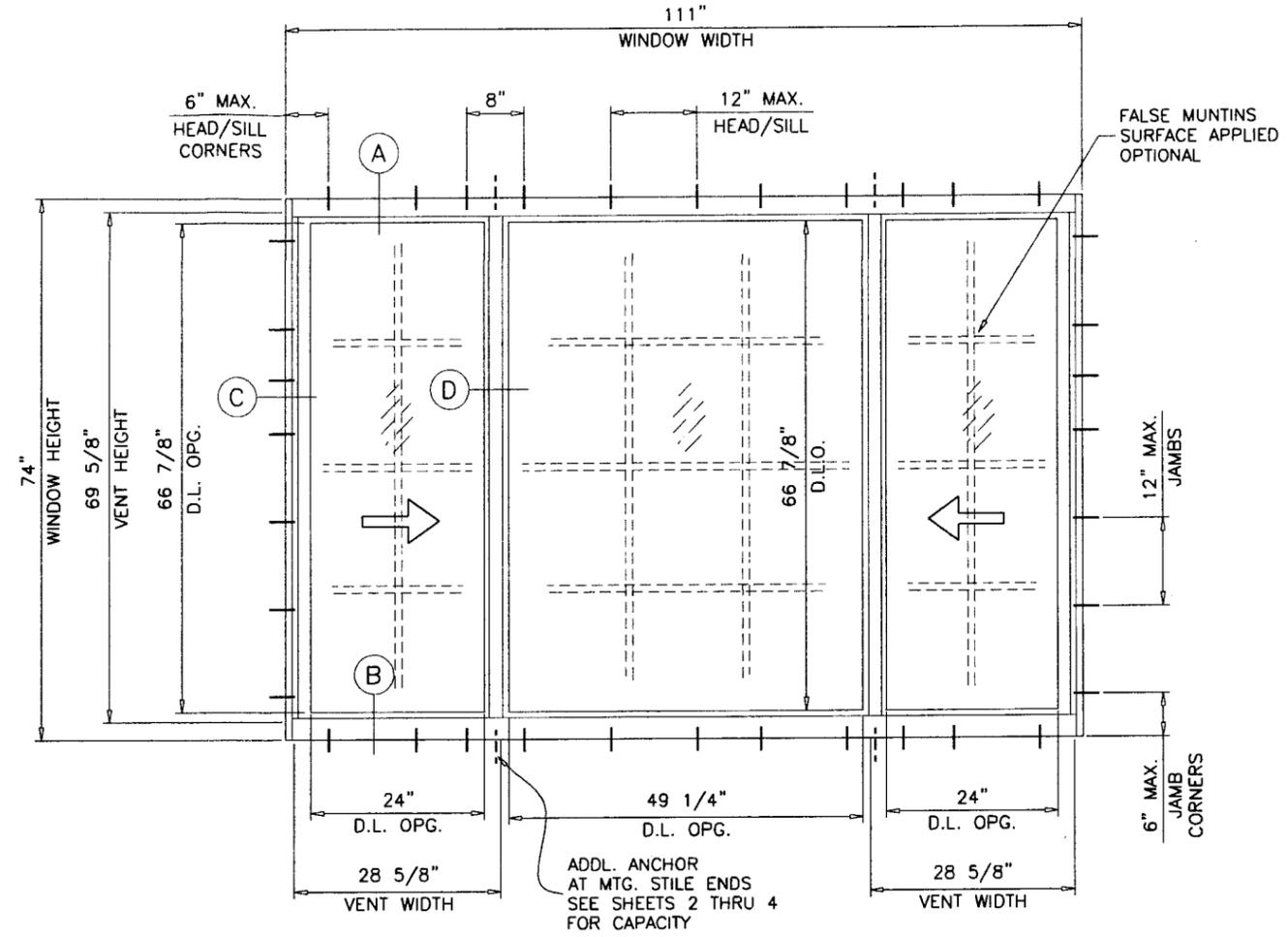
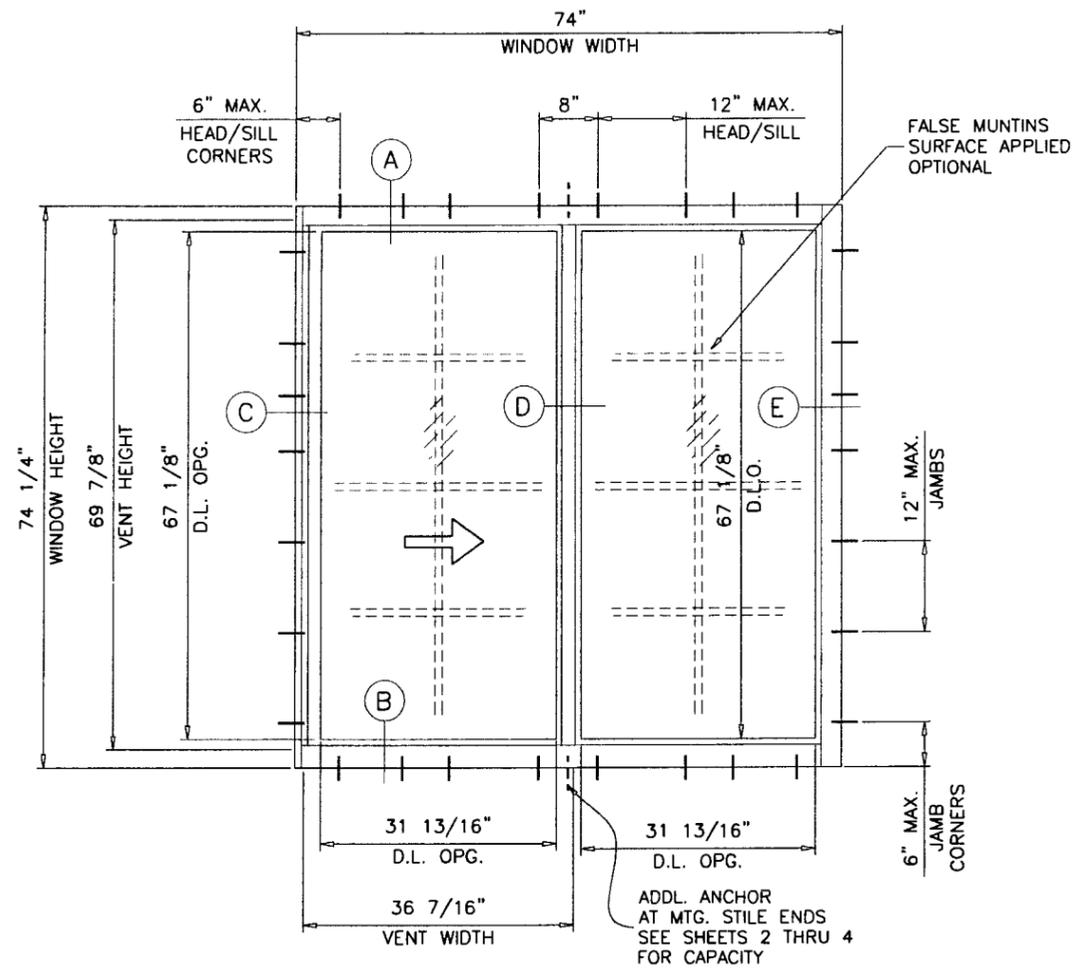
Jaime D. Gascon, P. E.

Chief, Product Control Division

NOA No. 10-0121.11

Expiration Date: August 01, 2012

Approval Date: April 21, 2010



TYPICAL ELEVATIONS
TESTED UNITS

**SERIES 200 STORMSAFE
ALUMINUM HORIZONTAL SLIDING WINDOW**

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING 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.

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 THRU 4.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 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 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.

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

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
JAN 14 2010

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 10-0121.11
Expiration Date 08/01/2012
By *[Signature]*
Miami Dade 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\W07-28SIW

S-200 STORMSAFE ALUM HORIZ. ROLLING WDW. (L.M.I.)
SIW IMPACT WINDOWS, LLC.
975 S. CONGRESS AVE. #102
DELRAY BEACH, FL. 33445
TEL. (561) 274-9392 FAX. (561) 274-9262

no	date	by	description
A	06.27.07	REV. PER BCCO COMMENTS	
B	07.28.09	GENERAL REVISION	

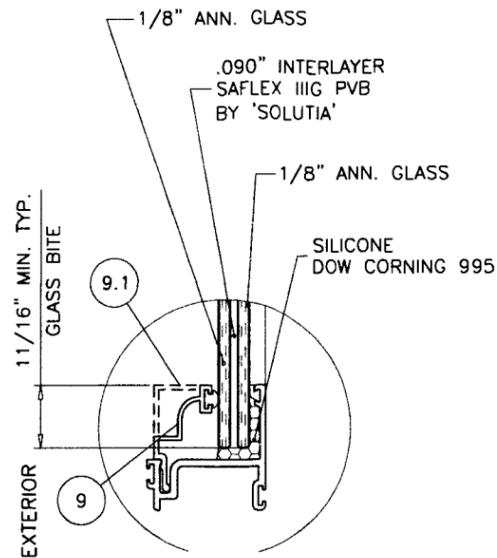
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dr. by: HAMID
chk. by:

drawing no. **W07-28**
sheet 1 of 8

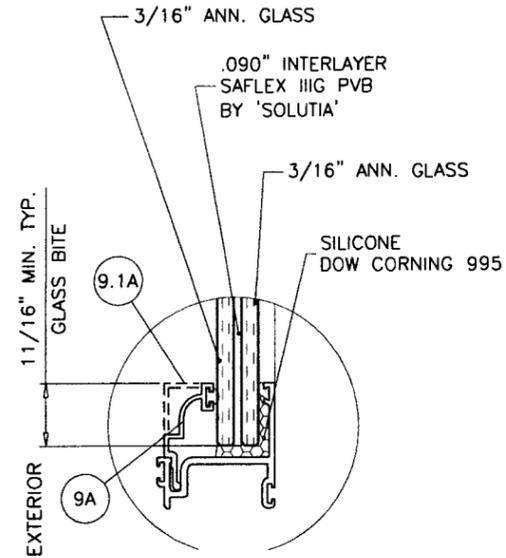
DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)									
WINDOW DIMS.		W/O STEEL REINFORCING				WITH STEEL REINFORCING			
		GLASS TYPE 'A'		GLASS TYPES 'B' & 'D'		GLASS TYPE 'C' *		GLASS TYPE 'C' *	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	24"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
36"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
48"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
60"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
72"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
24"	36"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
36"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
48"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
60"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
72"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
24"	48"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
36"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
48"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
60"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
72"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
24"	60"	-	-	70.0	70.0	80.0	100.0	-	-
36"		-	-	70.0	70.0	80.0	100.0	-	-
48"		-	-	70.0	70.0	80.0	100.0	-	-
60"		-	-	70.0	70.0	80.0	100.0	-	-
72"		-	-	70.0	70.0	80.0	100.0	-	-
24"	72"	-	-	-	-	80.0	100.0	-	-
36"		-	-	-	-	80.0	100.0	-	-
48"		-	-	-	-	80.0	100.0	-	-
60"		-	-	-	-	80.0	100.0	-	-
72"		-	-	-	-	80.0	93.4	80.0	100.0
26-1/2"	26"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
37"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
53-1/8"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
74"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
26-1/2"	38-3/8"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
37"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
53-1/8"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
74"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
26-1/2"	50-5/8"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
37"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
53-1/8"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
74"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
26-1/2"	63"	-	-	70.0	70.0	80.0	100.0	-	-
37"		-	-	70.0	70.0	80.0	100.0	-	-
53-1/8"		-	-	70.0	70.0	80.0	100.0	-	-
74"		-	-	70.0	70.0	80.0	100.0	-	-
26-1/2"	74"	-	-	-	-	80.0	100.0	-	-
37"		-	-	-	-	80.0	100.0	-	-
53-1/8"		-	-	-	-	80.0	100.0	-	-
74"		-	-	-	-	80.0	88.1	80.0	100.0

WITH ADDL. ANCHOR AT MTG. STILE ENDS

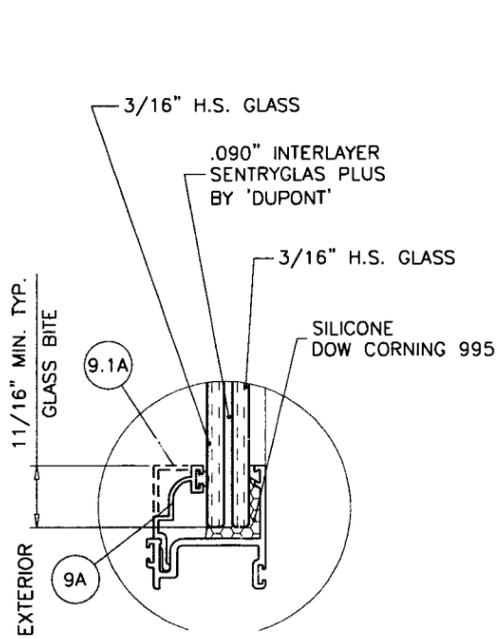
* APPLIED SILL RISER (ITEM #25) REQUIRED WHEN EXT.(+) PRESSURE EXCEEDS 70.0 PSF ONLY.



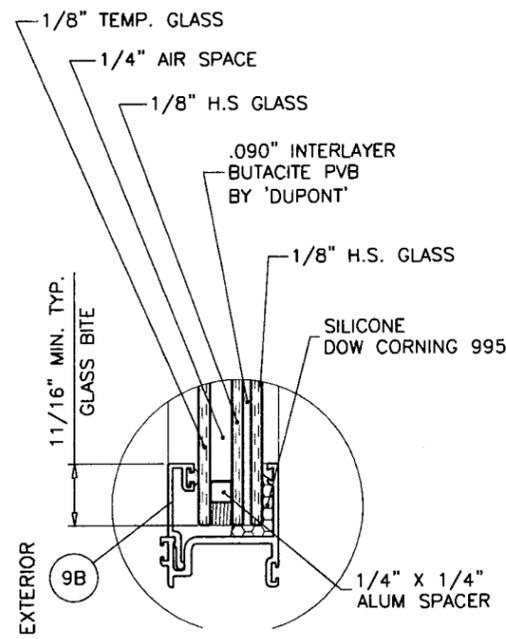
GLASS TYPE 'A'
11/32" OVERALL



GLASS TYPE 'B'
15/32" OVERALL

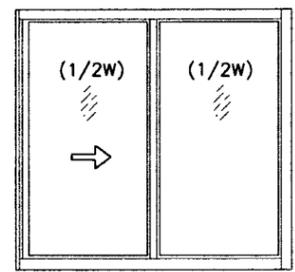


GLASS TYPE 'C'
15/32" OVERALL



GLASS TYPE 'D'
11/16" OVERALL

GLAZING OPTIONS



OPERATING VENTS TO BE 1/2 OF THE WINDOW WIDTH
XO OR OX

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: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
JAN 14 2010

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 10-0121.11
Expiration Date 08/01/2012
By 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\W07-28SIW

S-200 STORMSAFE ALUM HORIZ. ROLLING WDW. (L.M.I.)
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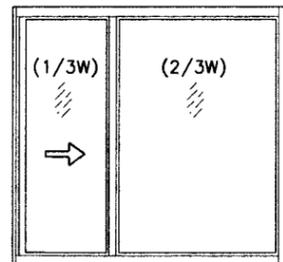
no	date	description
B	07.28.09	GENERAL REVISION

date: 04-24-07
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:
drawing no.
W07-28
sheet 2 of 8

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)

WINDOW DIMS.		W/O STEEL REINFORCING				WITH STEEL REINFORCING			
		GLASS TYPE 'A'		GLASS TYPES 'B' & 'D'		GLASS TYPE 'C' *		GLASS TYPE 'C' *	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
54"	24"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
63"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
72"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
81"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
54"	36"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
63"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
72"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
81"		-	-	70.0	70.0	80.0	100.0	-	-
54"	48"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
63"		-	-	70.0	70.0	80.0	100.0	-	-
72"		-	-	70.0	70.0	80.0	100.0	-	-
81"		-	-	70.0	70.0	80.0	100.0	-	-
54"	60"	-	-	70.0	70.0	80.0	100.0	-	-
63"		-	-	70.0	70.0	80.0	100.0	-	-
72"		-	-	70.0	70.0	80.0	100.0	-	-
81"		-	-	70.0	70.0	80.0	100.0	-	-
54"	72"	-	-	-	-	80.0	100.0	-	-
63"		-	-	-	-	80.0	100.0	-	-
72"		-	-	-	-	80.0	97.4	80.0	100.0
81"		-	-	-	-	80.0	91.5	80.0	100.0
55-1/2"	26"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
79-3/4"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
83-1/4"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
55-1/2"	38-3/8"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
79-3/4"		-	-	70.0	70.0	80.0	100.0	-	-
83-1/4"		-	-	70.0	70.0	80.0	100.0	-	-
55-1/2"	50-5/8"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
79-3/4"		-	-	70.0	70.0	80.0	100.0	-	-
83-1/4"		-	-	70.0	70.0	80.0	100.0	-	-
55-1/2"	63"	-	-	70.0	70.0	80.0	100.0	-	-
79-3/4"		-	-	70.0	70.0	80.0	100.0	-	-
83-1/4"		-	-	70.0	70.0	80.0	100.0	-	-
55-1/2"	74"	-	-	-	-	80.0	100.0	-	-
79-3/4"		-	-	-	-	80.0	88.2	80.0	100.0
83-1/4"		-	-	-	-	80.0	86.3	80.0	100.0

WITH ADDL. ANCHOR AT MTG. STILE ENDS



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

XO OR OX

* APPLIED SILL RISER (ITEM #25) REQUIRED WHEN EXT.(+) PRESSURE EXCEEDS 70.0 PSF ONLY.

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: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538

JAN 14 2010

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 10-0121.11
Expiration Date 08/10/2012
By: *[Signature]*
Miami Made Product Control
Division

a f 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\W07-28SIW

S-200 STORMSAFE ALUM HORIZ. ROLLING WDW. (L.M.I.)
SIW IMPACT WINDOWS, LLC.
975 S. CONGRESS AVE. #102
DELRAY BEACH, FL. 33445
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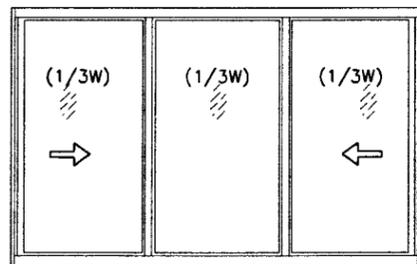
no	date	by	description
B	07.28.09		GENERAL REVISION

date: 04-24-07
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W07-28
sheet 3 of 8

DESIGN LOAD CAPACITY - PSF (XOX SIZES)									
WINDOW DIMS.		W/O STEEL REINFORCING				WITH STEEL REINFORCING			
		GLASS TYPE 'A'		GLASS TYPES 'B' & 'D'		GLASS TYPE 'C' *		GLASS TYPE 'C' *	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
72"	24"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
84"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
96"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
108"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
72"	36"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
84"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
96"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
108"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
72"	48"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
84"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
96"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
108"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
72"	60"	-	-	70.0	70.0	80.0	100.0	-	-
84"		-	-	70.0	70.0	80.0	100.0	-	-
96"		-	-	70.0	70.0	80.0	100.0	-	-
108"		-	-	70.0	70.0	80.0	100.0	-	-
72"	72"	-	-	-	-	80.0	100.0	-	-
84"		-	-	-	-	80.0	100.0	-	-
96"		-	-	-	-	80.0	100.0	-	-
108"		-	-	-	-	80.0	93.4	80.0	100.0
74"	26"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
106-1/4"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
111"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
74"	38-3/8"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
106-1/4"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
111"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
74"	50-5/8"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
106-1/4"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
111"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
74"	63"	-	-	70.0	70.0	80.0	100.0	-	-
106-1/4"		-	-	70.0	70.0	80.0	100.0	-	-
111"		-	-	70.0	70.0	80.0	100.0	-	-
74"	74"	-	-	-	-	80.0	100.0	-	-
106-1/4"		-	-	-	-	80.0	90.6	80.0	100.0
111"		-	-	-	-	80.0	88.1	80.0	100.0

WITH ADDL. ANCHOR AT MTG. STILE ENDS

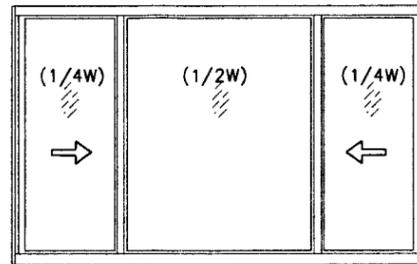


OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

XOX

DESIGN LOAD CAPACITY - PSF (XOX SIZES)									
WINDOW DIMS.		W/O STEEL REINFORCING				WITH STEEL REINFORCING			
		GLASS TYPE 'A'		GLASS TYPES 'B' & 'D'		GLASS TYPE 'C' *		GLASS TYPE 'C' *	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
72"	24"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
84"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
96"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
108"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
72"	36"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
84"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
96"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
108"		-	-	70.0	70.0	80.0	100.0	-	-
72"	48"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
84"		-	-	70.0	70.0	80.0	100.0	-	-
96"		-	-	70.0	70.0	80.0	100.0	-	-
108"		-	-	70.0	70.0	80.0	100.0	-	-
72"	60"	-	-	70.0	70.0	80.0	100.0	-	-
84"		-	-	70.0	70.0	80.0	100.0	-	-
96"		-	-	70.0	70.0	80.0	100.0	-	-
108"		-	-	70.0	70.0	80.0	100.0	-	-
72"	72"	-	-	-	-	80.0	100.0	-	-
84"		-	-	-	-	80.0	100.0	-	-
96"		-	-	-	-	80.0	97.4	80.0	100.0
108"		-	-	-	-	80.0	91.5	80.0	100.0
74"	26"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
106-1/4"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
111"		70.0	70.0	70.0	70.0	80.0	100.0	-	-
74"	38-3/8"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
106-1/4"		-	-	70.0	70.0	80.0	100.0	-	-
111"		-	-	70.0	70.0	80.0	100.0	-	-
74"	50-5/8"	70.0	70.0	70.0	70.0	80.0	100.0	-	-
106-1/4"		-	-	70.0	70.0	80.0	100.0	-	-
111"		-	-	70.0	70.0	80.0	100.0	-	-
74"	63"	-	-	70.0	70.0	80.0	100.0	-	-
106-1/4"		-	-	70.0	70.0	80.0	100.0	-	-
111"		-	-	70.0	70.0	80.0	100.0	-	-
74"	74"	-	-	-	-	80.0	100.0	-	-
106-1/4"		-	-	-	-	80.0	88.2	80.0	100.0
111"		-	-	-	-	80.0	86.3	80.0	100.0

WITH ADDL. ANCHOR AT MTG. STILE ENDS



OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

XOX

* APPLIED SILL RISER (ITEM #25) REQUIRED WHEN EXT.(+) PRESSURE EXCEEDS 70.0 PSF ONLY.

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: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538

JAN 14 2010

PRODUCT REVISED
as complying with the Florida
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Acceptance No. 10-0121-11
Expiration Date 08/01/2012
By: *[Signature]*
Miami Blade 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\W07-28SIW

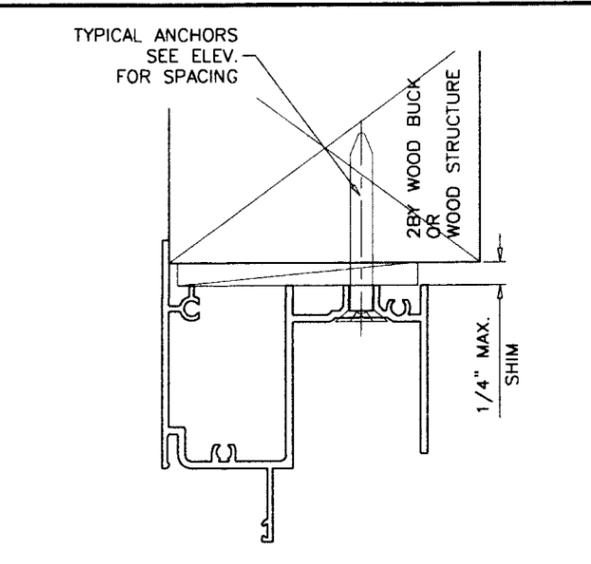
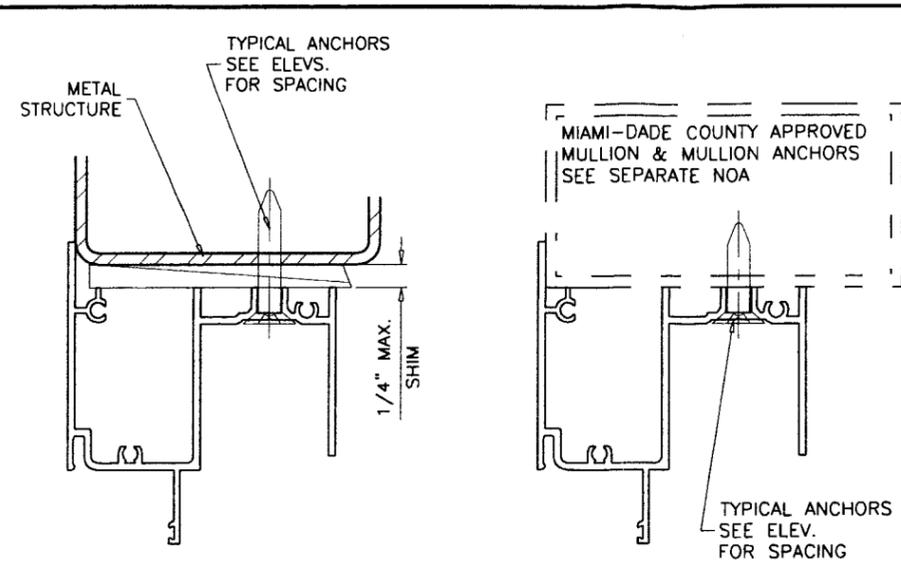
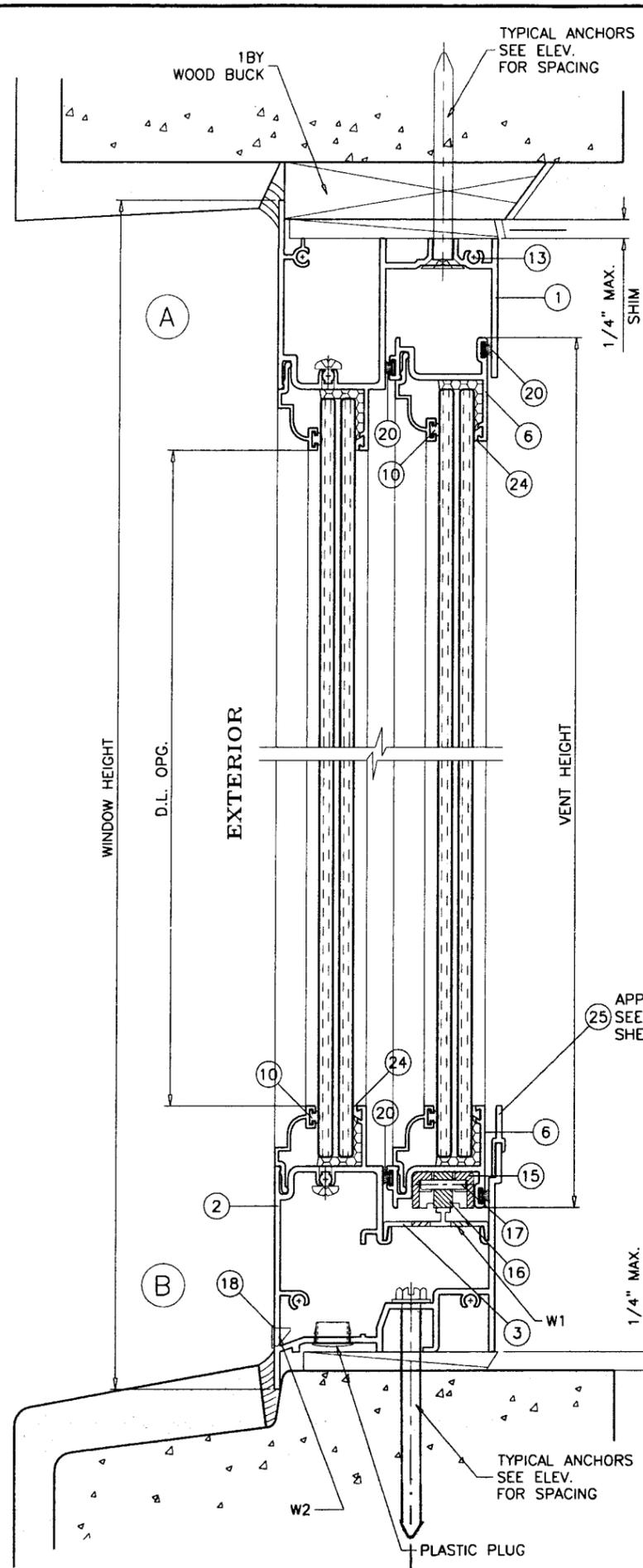
S-200 STORMSAFE ALUM HORIZ. ROLLING WDW. (L.M.I.)
SIW IMPACT WINDOWS, LLC.
975 S. CONGRESS AVE. #102
DELRAY BEACH, FL. 33445
TEL. (561) 274-9392 FAX. (561) 274-9262

no	date	description
A	06.27.07	NO CHANGE THIS SHEET
B	07.28.09	GENERAL REVISION

date: 04-24-07
scale: 1/2" = 1'-0"
dr. by: HAMID
chk. by:

drawing no.
W07-28

sheet 4 of 8



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

SEALANTS:

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

WEEPHOLES:

- W1 = 1" X 1/4" WEEPHOLES IN PAIRS
 - (2) ON VENT AREA AT 2" FROM ENDS AND 26" O.C.
 - (4) UNDER FIX. LITE AT 18" O.C.
- W2 = 1-3/4" X 1/4" WEEPHOLES WITH NYLON BAFFLE
 - (2) ON VENT AREA AT 15" FROM ENDS AND 24" O.C.
 - (3) UNDER FIX. LITE AT 16" O.C.

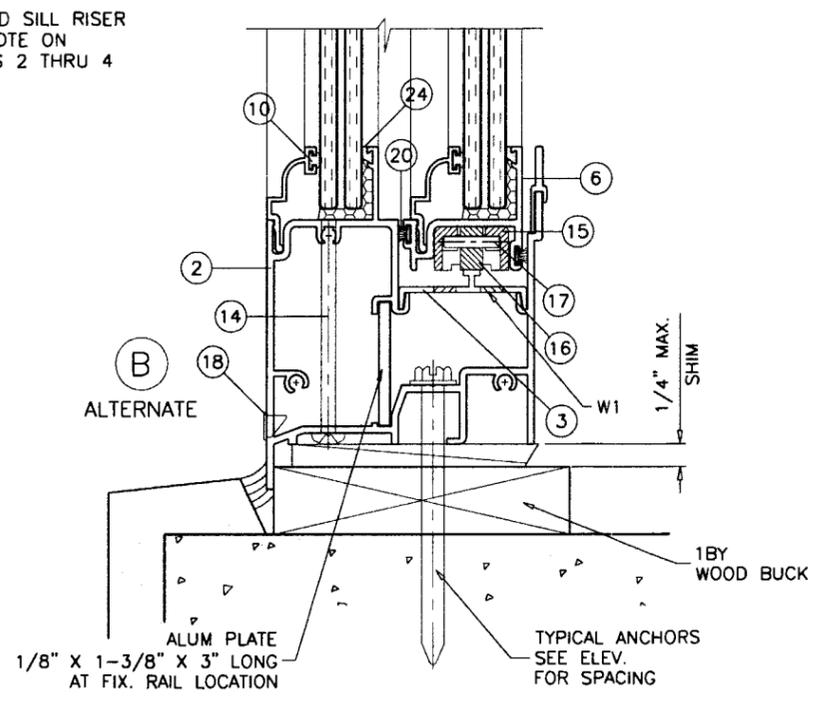
TYPICAL ANCHORS:

- SEE ELEV. FOR SPACING
- 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI) 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 (GRADE 2 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)
- #12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS) INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090") (NO SHIM SPACE)

TYPICAL EDGE DISTANCE

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

CONCRETE f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.



Engr: ARSHAD VIQAR
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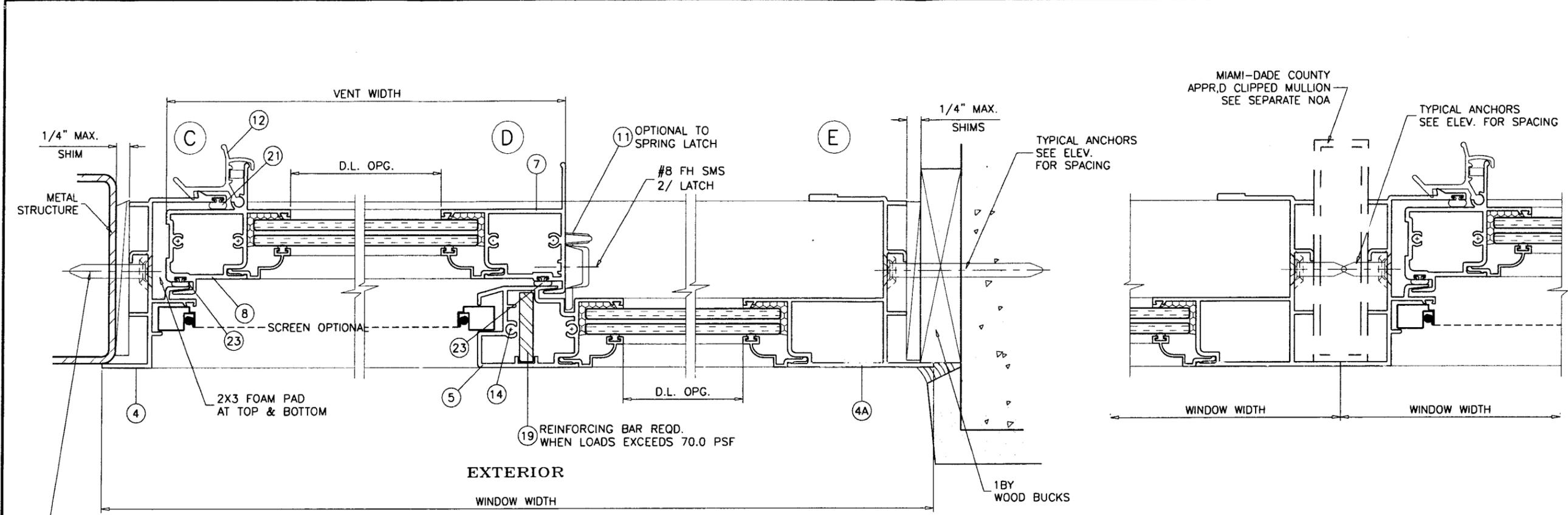
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 10-0121.11
Expiration Date 08/01/2012
By: *[Signature]*
Miami Dade Product Control
Division

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 \ W07 - 28SIW

S-200 STORMSAFE ALUM HORIZ. ROLLING WDW. (L.M.I.)
SIW IMPACT WINDOWS, LLC.
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DELRAY BEACH, FL. 33445
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A	06.27.07		NO CHANGE THIS SHEET
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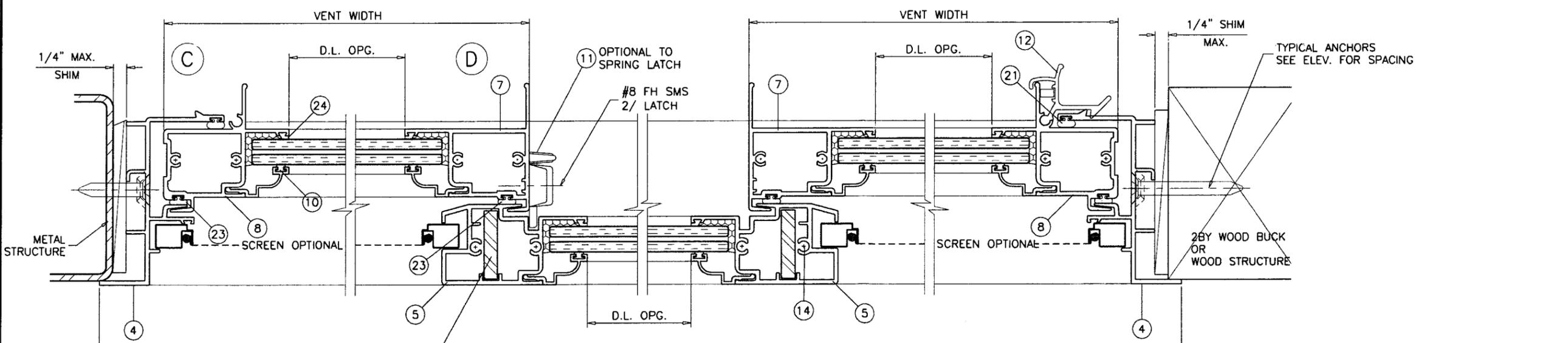
date: 04-24-07
scale: 1/2" = 1"
dr. by: HAMID
chk. by:
drawing no. **W07-28**
sheet 5 of 8



EXTERIOR

WINDOW WIDTH

XO LAYOUT
OX OPPOSITE



EXTERIOR

WINDOW WIDTH

XOX LAYOUT

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CIVIL
FLA. PE # 38863
C.A.N. 3538

[Signature]

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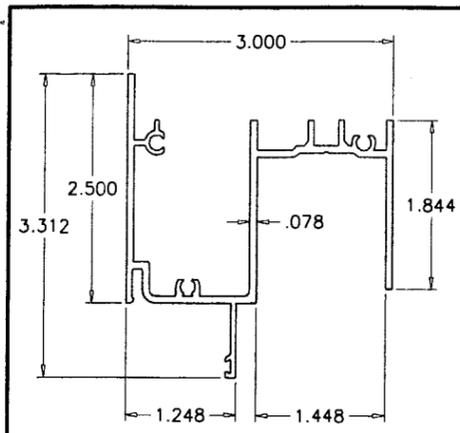
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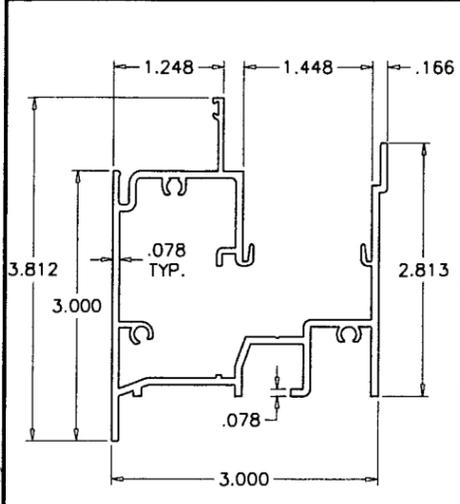
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scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W07-28

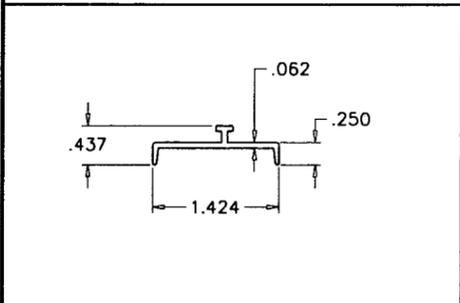
sheet 6 of 8



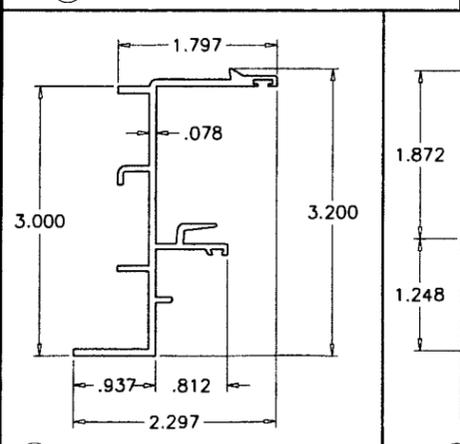
① FRAME HEAD



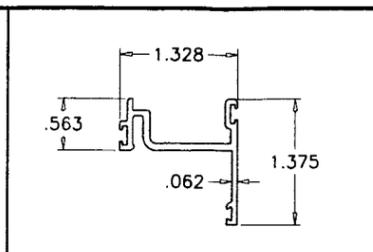
② FRAME SILL



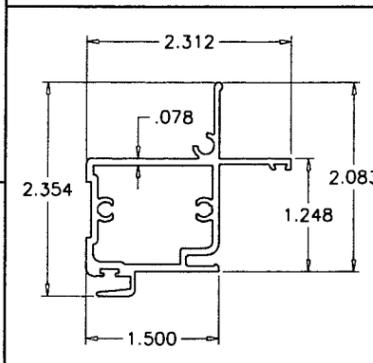
③ SILL TRACK



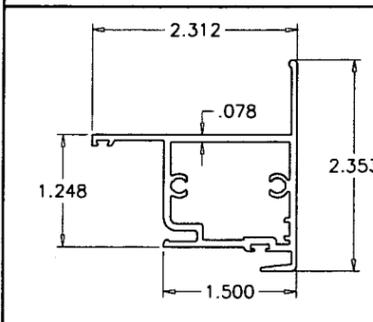
④ FRAME JAMB (VENT SIDE)



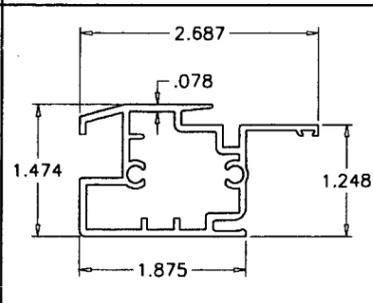
⑥ VENT TOP/BOTTOM RAIL



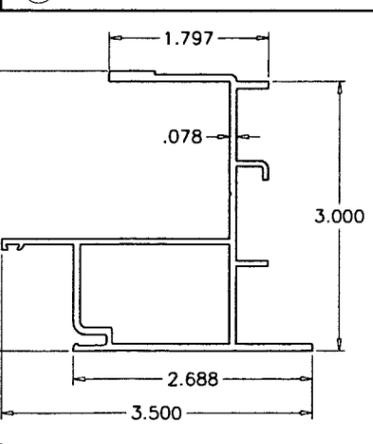
⑧ JAMB STILE



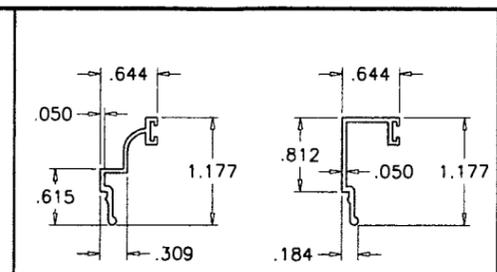
⑦ MEETING STILE



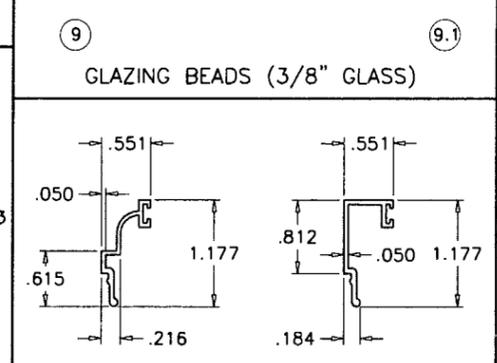
⑤ FIXED MTG. STILE



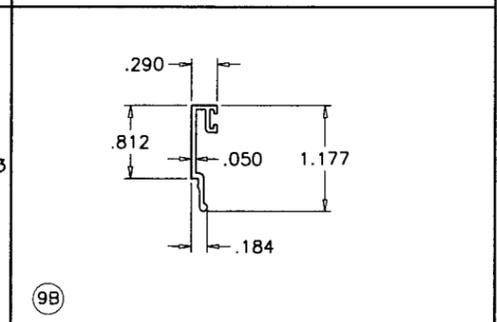
④A FRAME JAMB (FIX. SIDE)



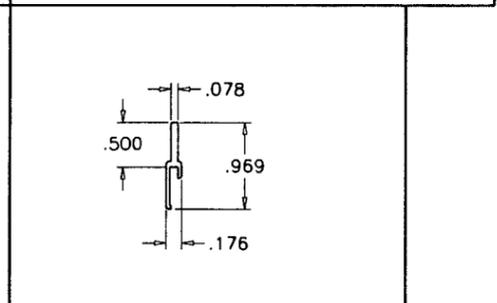
⑨ GLAZING BEADS (3/8" GLASS)



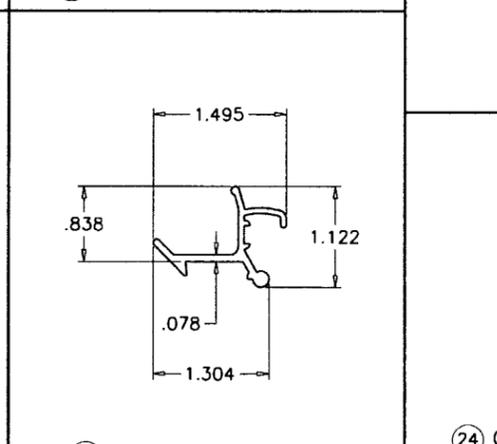
⑨A GLAZING BEADS (7/16" GLASS)



⑨B GLAZING BEAD (LAM. INSUL. GLASS)

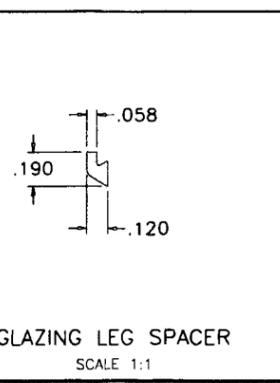


②5 SILL RISER



⑫ SPRING LATCH

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SIW201	1	FRAME HEAD	6063-T6	-
2	SIW202	1	FRAME SILL	6063-T6	-
3	SIW203	1	SILL TRACK	6063-T6	-
4	SIW204	2	FRAME JAMB (VENT SIDE)	6063-T5	-
4A	SIW205	2	FRAME JAMB (FIX SIDE)	6063-T5	-
5	SIW206	1/ VENT	FIXED MTG. RAIL	6063-T5	-
6	SIW107	2/ VENT	VENT TOP & BOTTOM RAIL	6063-T5	-
7	SIW105	1/ VENT	VENT INTERLOCK	6063-T5	-
8	SIW106	1/ VENT	VENT JAMB STILE	6063-T6	-
9	SIW112	AS REQD.	GLAZING BEAD (3/8" GLASS)	6063-T5	-
9.1	SIW128	AS REQD.	ALT. GLAZING BEAD (3/8" GLASS)	6063-T5	-
9A	SIW108	AS REQD.	GLAZING BEAD (7/16" GLASS)	6063-T5	-
9.1A	SIW127	AS REQD.	ALT. GLAZING BEAD (7/16" GLASS)	6063-T5	-
9B	SIW117	AS REQD.	GLAZING BEAD (LAM. INSUL. GLASS)	6063-T5	-
10	938W	AS REQD.	EXTERIOR GLAZING GASKET	SANTOPRENE	CENTRAL PLASTICS
11	SIW109	2/ VENT	SWEEP LATCH	-	AT 15-1/2" FROM EACH END
12	-	2/ VENT	SPRING LATCH	6063-T6	AT 15-1/2" FROM EACH END
13	-	AS REQD.	FRAME & VENT ASSY SCREWS	-	#10 X 1-1/2" PH SMS
14	-	4/ VENT	FIXED RAIL SCREW	-	#12 X 4" PH SMS
15	SIW207	4/ VENT	ROLLER HOUSING & GUIDE	DELTRIN	-
16	SIW208	2/ VENT	ROLLER	-	BRASS OR ST. STEEL
17	SIW209	2/ VENT	ROLLER PIN	ST. STEEL	-
18	-	5/ WDW.	BAFFLE	NYLON	-
19	-	AS REQD.	REINFORCING BAR (1/4" X 1-1/4")	STEEL	-
20	W23201NG	AS REQD.	TOP & BOTTOM RAIL W'STRIPPING	-	ULTRAFAB OE EQUIV.
21	938BL	AS REQD.	FRAME JAMB W'STRIPPING	POLYPROPYLENE	CENTRAL PLASTICS
22	-	OPTIONAL	SCREEN	-	5/16" BOX
23	U4333	AS REQD.	BULB W'STRIPPING	-	SCHLEGEL
24	SIW113	-	GLAZING LEG SPACER	SOFT PVC	-
25	SIW211	AS REQD.	SILL RISER	6063-T5	-



②4 GLAZING LEG SPACER
SCALE 1:1

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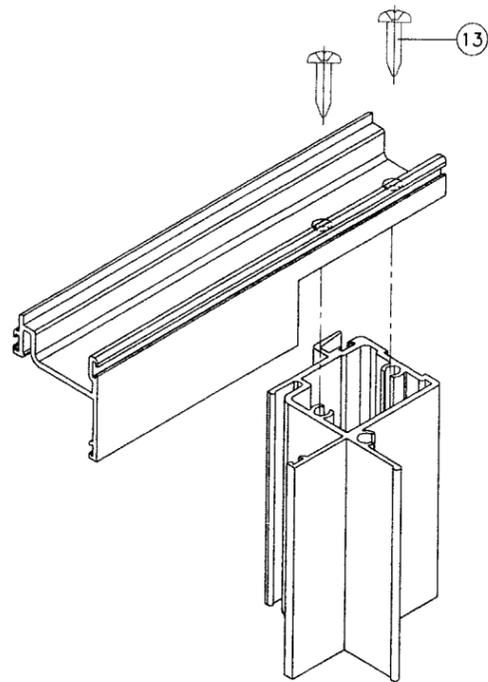
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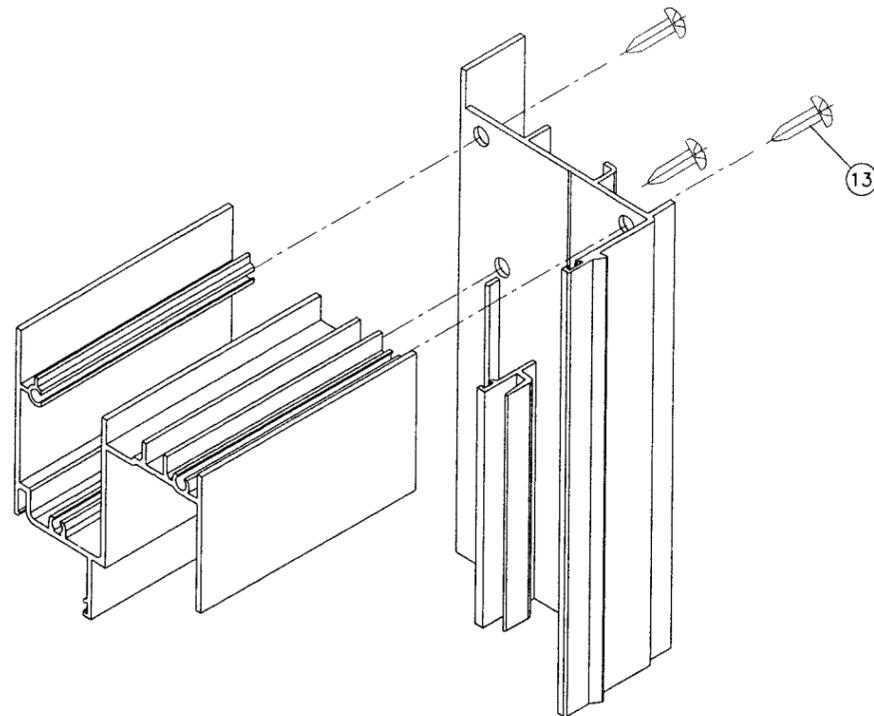
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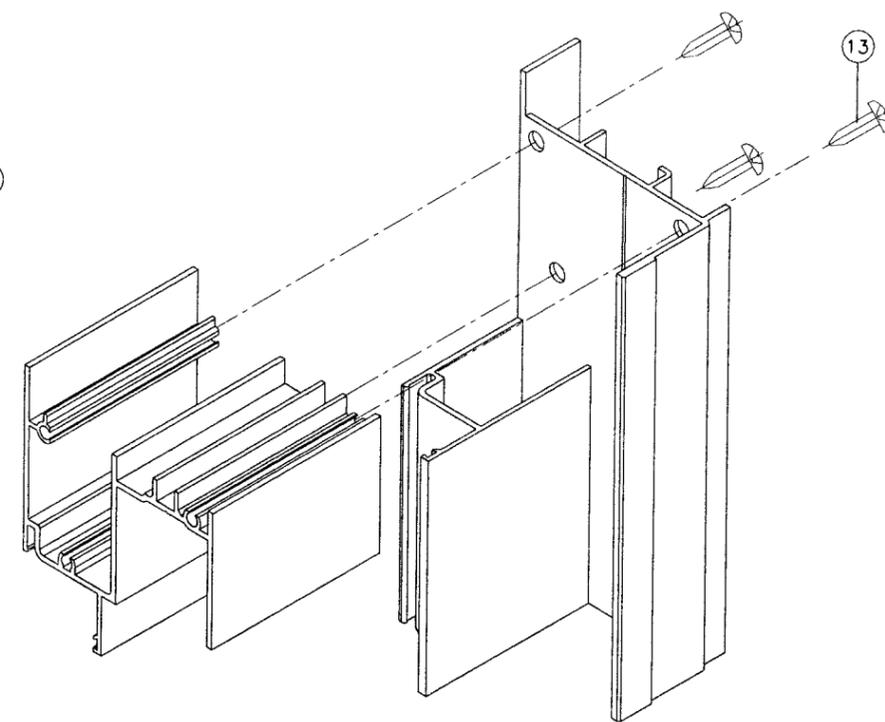
drawing no.
W07-28
sheet 7 of 8



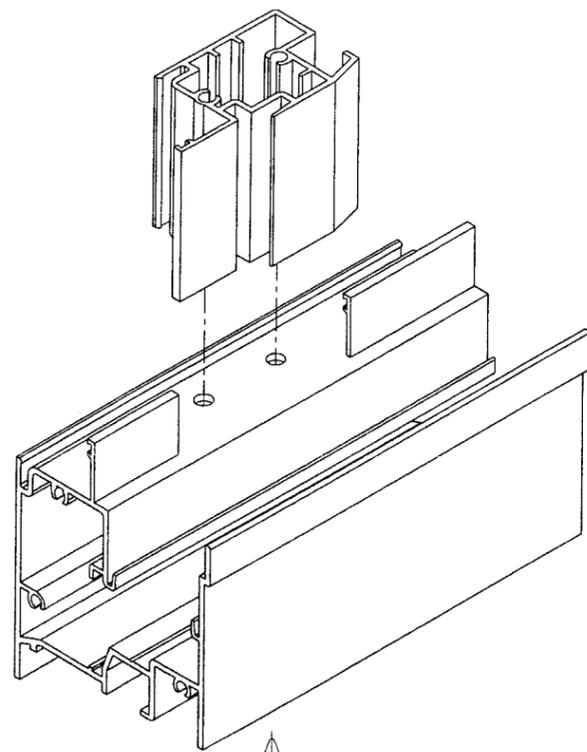
VENT TOP/BOTTOM CORNERS



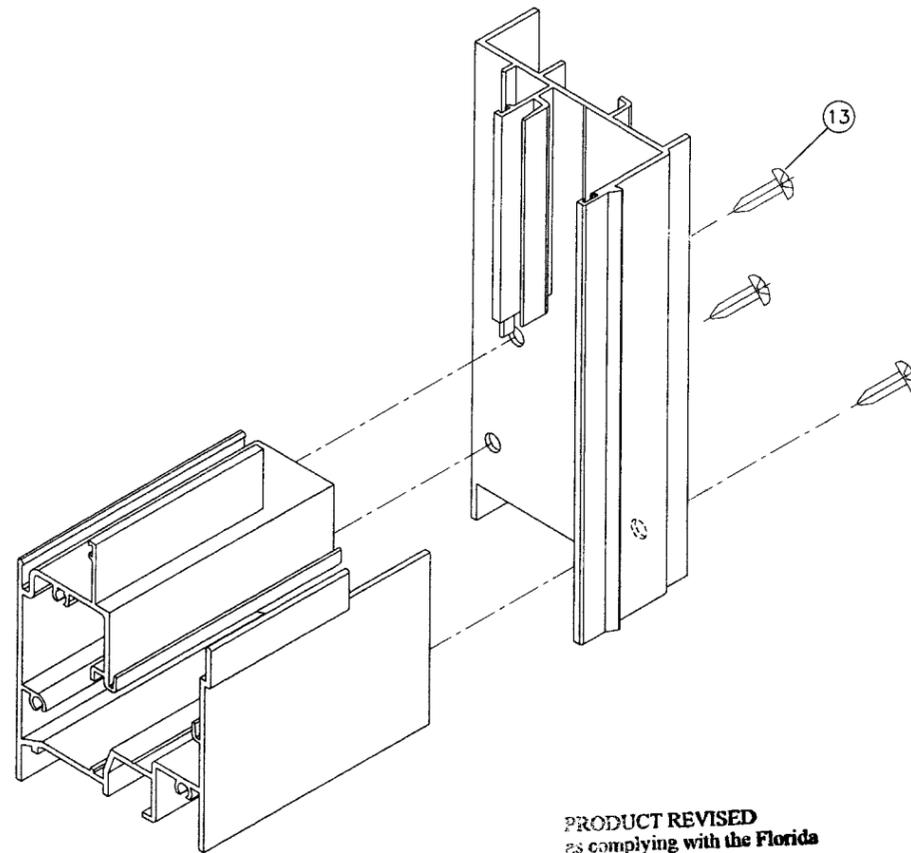
FRAME TOP CORNER
AT MOVING END



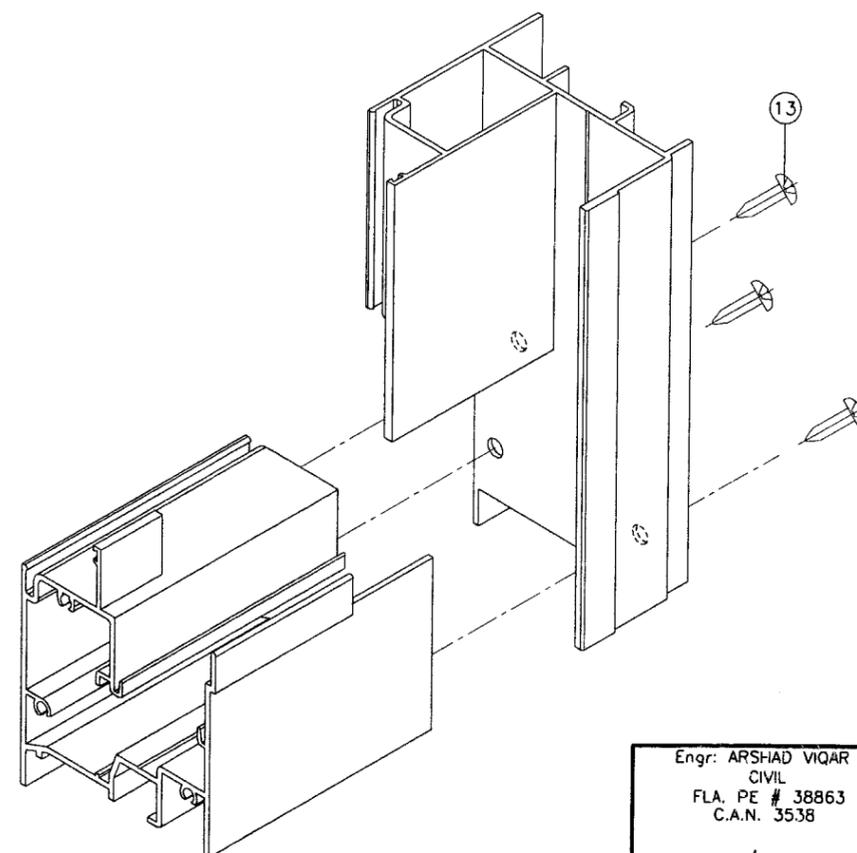
FRAME TOP CORNER
AT FIXED END



FIXED MTG. RAIL CORNER



FRAME BOTTOM CORNER
AT MOVING END



FRAME BOTTOM CORNER
AT FIXED END

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Expiration Date 08/01/2012
By *[Signature]*
Miami Trade Product Control
Division

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538

[Signature]
JAN 14 2010

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
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COMP-ANL\W07-28SIW

S-200 STORMSAFE ALUM HORIZ. ROLLING WDW. (L.M.I.)
SIW IMPACT WINDOWS, LLC.
975 S. CONGRESS AVE. #102
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TEL. (561) 274-9392 FAX. (561) 274-9262

no	date	description
A	06.27.07	NO CHANGE THIS SHEET
B	07.28.09	GENERAL REVISION

date: 04-24-07
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W07-28
sheet 8 of 8