



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.miamidadade.gov/buildingcode

SIW Impact Windows LLC
975 S. Congress Ave., Suite # 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 "300 Stormsafe" Aluminum Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W07-49**, titled "S-300 Stormsafe Alum. Fixed Wdw. (L.M.I.)", sheets 1 through 5 of 5, dated 05/18/07 with revision "B" dated 07/24/09, prepared by Al-Farooq Corporation, signed and sealed 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 # 07-0604.05** 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 **Manuel Perez, P.E.**



NOA No. 09-1021.13
Expiration Date: August 29, 2012
Approval Date: February 10, 2010
 Page 1

SIW Impact Windows LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W07-49**, titled "S-300 Stormsafe Alum. Fixed Wdw. L.M.I.)", sheets 1 through 5 of 5, dated 05/18/07 with revision "B" dated 07/24/09, prepared by Al-Farooq Corporation, signed and sealed 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
along with marked-up drawings and installation diagram, prepared by Hurricane Engineering Testing Laboratory, Inc., Test Report No. **HETI-07-4110**, dated January 15, 2007, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA#07-0604.05)
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 Laboratory, Inc., Test Report No. **HETI-07-4111**, dated January 25, 2007, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA#07-0604.05)
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, prepared by Hurricane Engineering Testing Laboratory, Inc., Test Report No. **HETI-07-4112**, dated April 09, 2007, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA#07-0604.05)
4. 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 Laboratory, Inc., Test Report No. **HETI-07-4113**, dated April 09, 2007, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA#07-0604.05)
5. 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
along with marked-up drawings and installation diagram, prepared by Hurricane Engineering Testing Laboratory, Inc., Test Report No. **HETI-07-4114**, dated April 09, 2007, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA#07-0604.05)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 09-1021.13
Expiration Date: August 29, 2012
Approval Date: February 10, 2010

SIW Impact Windows LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (CONTINUED)

6. 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 Laboratory, Inc., Test Report No. **HETI-07-4115**, dated April 09, 2007, signed and sealed by Rafael E. Droz-Seda, P.E.
(Submitted under previous NOA#07-0604.05)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 07/22/09, 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. **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.

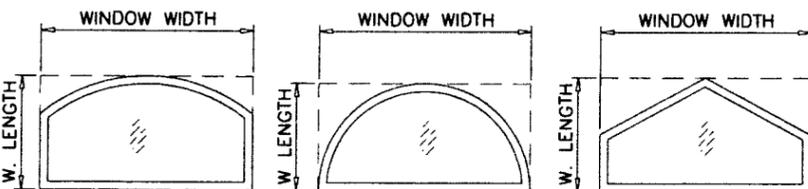
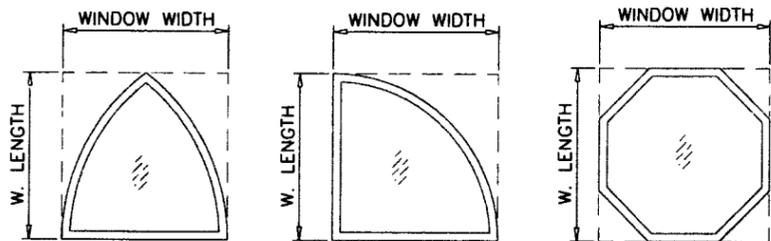
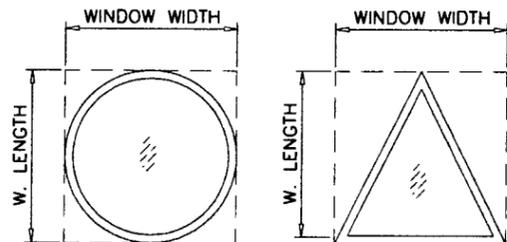
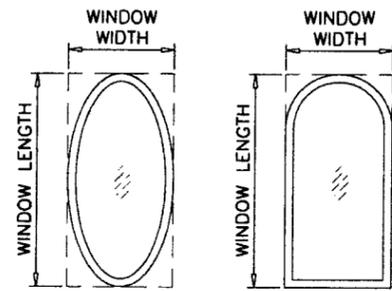
F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated July 22, 2009, signed and sealed by Arshad Viqar, P.E.

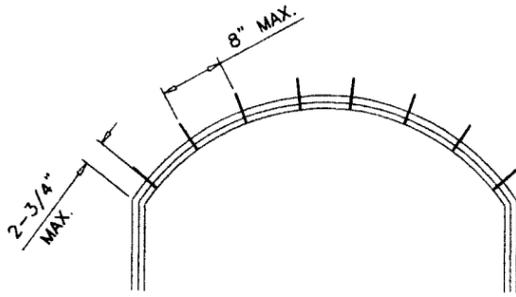
G. OTHERS

1. Notice of Acceptance No. **07-0604.05**, issued to Security Impact Windows, LLC for their Series "300 Stormsafe" Aluminum Fixed Window – L.M.I., approved on 10/30/07 and expiring on 10/29/12.


Manuel Perez, P.E.
Product Control Examiner
NOA No. **09-1021.13**
Expiration Date: August 29, 2012
Approval Date: February 10, 2010



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.



ANCHOR SPACING AT ARCH TOP ONLY
ALL OTHER SPACING AS PER ELEV. AT RIGHT

**SERIES 300 STORMSAFE
ALUMINUM FIXED WINDOW**

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED 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.

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

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).

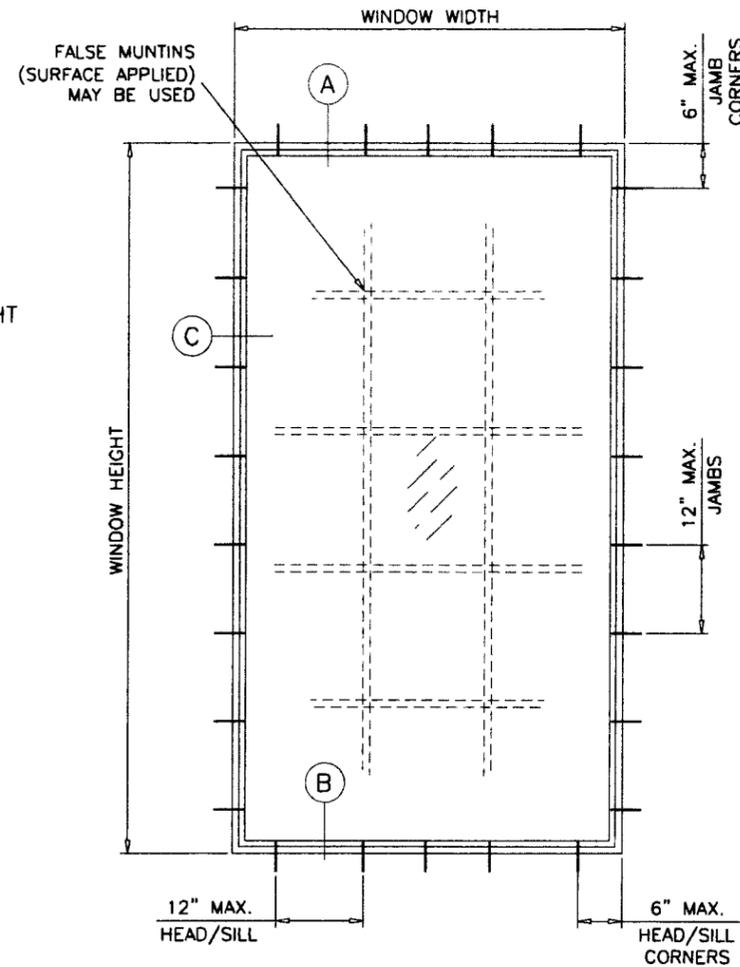
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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.



TYPICAL ELEVATION

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

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
Arj
AUG 07 2009

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 09-1021.13
Expiration Date AUG. 29, 2012
By *Manuel Perez*
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\W07-49SIW

S-300 STORMSAFE ALUM FIXED 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 | 07.13.07 | REV. PER BCCO COMMENTS |
| B | 07.24.09 | UPDATED FOR 2007 FBC |

revisions:

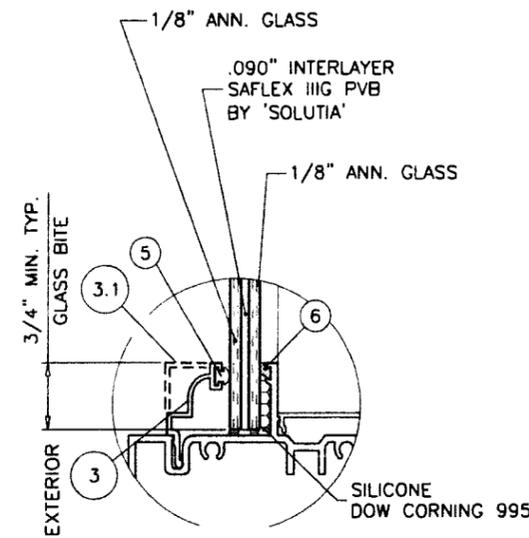
date: 05-18-07
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dr. by: HAM/D
chk. by:

drawing no. **W07-49**
sheet 1 of 5

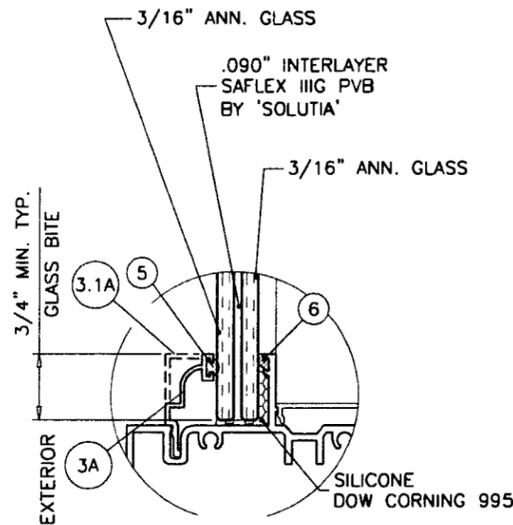
| DESIGN LOAD CAPACITY - PSF | | | | | | | |
|----------------------------|---------|----------------|---------|----------------|---------|----------------|---------|
| WINDOW DIMS. | | GLASS TYPE 'A' | | GLASS TYPE 'B' | | GLASS TYPE 'C' | |
| WIDTH | LENGTH | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) |
| 26-1/2" | 26" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 32" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 37" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 42" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 48" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 53-1/8" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 26-1/2" | 38-3/8" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 32" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 37" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 42" | | 57.9 | 57.9 | 70.0 | 70.0 | 90.0 | 130.0 |
| 48" | | 57.9 | 57.9 | 70.0 | 70.0 | 90.0 | 130.0 |
| 53-1/8" | 57.9 | 57.9 | 70.0 | 70.0 | 90.0 | 130.0 | |
| 26-1/2" | 50-5/8" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 32" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 37" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 42" | | 52.9 | 52.9 | 70.0 | 70.0 | 90.0 | 130.0 |
| 48" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 53-1/8" | - | - | 70.0 | 70.0 | 90.0 | 130.0 | |
| 26-1/2" | 63" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 32" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 37" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 42" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 48" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 53-1/8" | - | - | - | - | 90.0 | 130.0 | |
| 26-1/2" | 74-1/4" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 32" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 37" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 42" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 48" | | - | - | - | - | 90.0 | 130.0 |
| 53-1/8" | - | - | - | - | 90.0 | 130.0 | |
| 26-1/2" | 78" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 32" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 37" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 42" | | - | - | - | - | 90.0 | 130.0 |
| 48" | | - | - | - | - | 90.0 | 130.0 |
| 53-1/8" | - | - | - | - | 90.0 | 130.0 | |
| 26-1/2" | 84" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 32" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 37" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 42" | | - | - | - | - | 90.0 | 130.0 |
| 48" | | - | - | - | - | 90.0 | 130.0 |
| 53-1/8" | - | - | - | - | 90.0 | 129.4 | |
| 26-1/2" | 96" | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 32" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 37" | | - | - | - | - | 90.0 | 130.0 |
| 42" | | - | - | - | - | 90.0 | 128.6 |
| 48" | | - | - | - | - | 90.0 | 119.5 |
| 53-1/8" | - | - | - | - | 90.0 | 111.8 | |
| 26-1/2" | 108" | - | - | - | - | 90.0 | 130.0 |
| 32" | | - | - | - | - | 90.0 | 130.0 |
| 37" | | - | - | - | - | 90.0 | 130.0 |
| 42" | | - | - | - | - | 90.0 | 122.5 |
| 26-1/2" | 120" | - | - | - | - | 90.0 | 130.0 |
| 32" | | - | - | - | - | 90.0 | 130.0 |
| 37" | | - | - | - | - | 90.0 | 130.0 |
| 42" | - | - | - | - | 90.0 | 112.4 | |
| 26-1/2" | 126" | - | - | - | - | 90.0 | 130.0 |
| 32" | | - | - | - | - | 90.0 | 130.0 |
| 37" | | - | - | - | - | 90.0 | 130.0 |

| DESIGN LOAD CAPACITY - PSF | | | | | | | |
|----------------------------|--------|----------------|---------|----------------|---------|----------------|---------|
| WINDOW DIMS. | | GLASS TYPE 'A' | | GLASS TYPE 'B' | | GLASS TYPE 'C' | |
| WIDTH | LENGTH | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) | EXT.(+) | INT.(-) |
| 24" | 36" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 30" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 36" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 42" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 48" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 54" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 60" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 24" | 48" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 30" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 36" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 42" | | 52.9 | 52.9 | 70.0 | 70.0 | 90.0 | 130.0 |
| 48" | | 46.3 | 46.3 | 70.0 | 70.0 | 90.0 | 130.0 |
| 54" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 60" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 24" | 60" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 30" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 36" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 42" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 48" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 54" | | - | - | - | - | 88.5 | 127.9 |
| 60" | | - | - | - | - | 79.7 | 115.1 |
| 24" | 72" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 30" | | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 36" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 42" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 48" | | - | - | - | - | 90.0 | 130.0 |
| 54" | | - | - | - | - | 88.5 | 127.9 |
| 60" | | - | - | - | - | 79.7 | 115.1 |
| 24" | 84" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 30" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 36" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 42" | | - | - | - | - | 90.0 | 130.0 |
| 48" | | - | - | - | - | 90.0 | 130.0 |
| 54" | | - | - | - | - | 88.5 | 127.9 |
| 60" | | - | - | - | - | 79.7 | 115.1 |
| 24" | 96" | 60.0 | 60.0 | 70.0 | 70.0 | 90.0 | 130.0 |
| 30" | | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 36" | | - | - | - | - | 90.0 | 130.0 |
| 42" | | - | - | - | - | 90.0 | 128.6 |
| 48" | | - | - | - | - | 90.0 | 119.5 |
| 24" | 108" | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 30" | | - | - | - | - | 90.0 | 130.0 |
| 36" | | - | - | - | - | 90.0 | 130.0 |
| 42" | | - | - | - | - | 90.0 | 122.5 |
| 24" | 120" | - | - | 70.0 | 70.0 | 90.0 | 130.0 |
| 30" | | - | - | - | - | 90.0 | 130.0 |
| 36" | | - | - | - | - | 90.0 | 130.0 |
| 42" | | - | - | - | - | 90.0 | 112.4 |
| 24" | 126" | - | - | - | - | 90.0 | 130.0 |
| 30" | | - | - | - | - | 90.0 | 130.0 |
| 36" | | - | - | - | - | 90.0 | 130.0 |

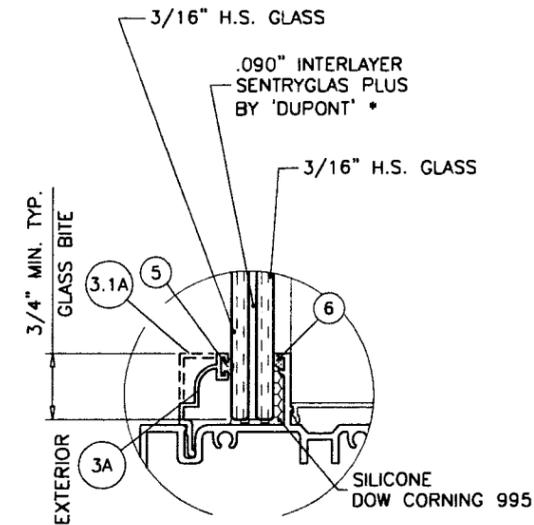
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS).



GLASS TYPE 'A'
23/64" OVERALL

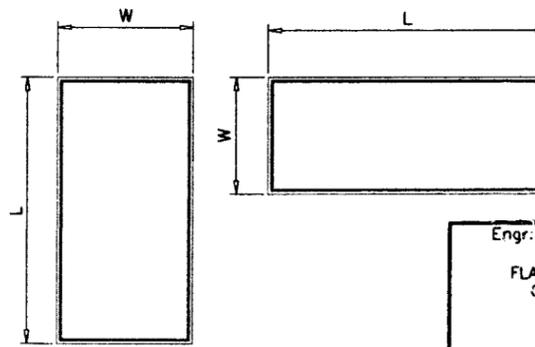


GLASS TYPE 'B'
29/64" OVERALL



GLASS TYPE 'C'
7/16" OVERALL

* E.I. DUPONT DE NEMOURS & CO. INC.



NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

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

Aug
AUG 07 2009

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 09-1021-13
Expiration Date AUG. 29, 2012
By *Manuel Perez*
Miami Dade Product Control
Division

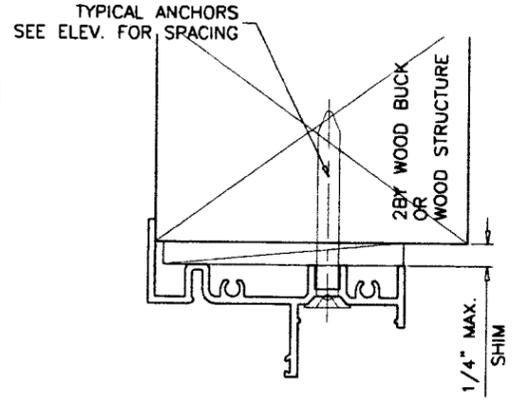
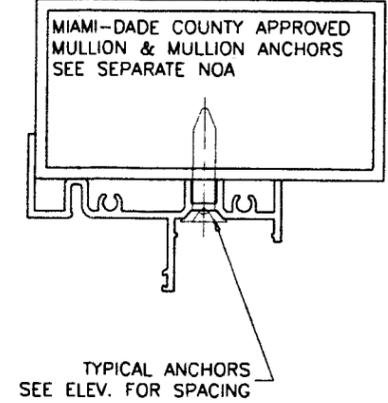
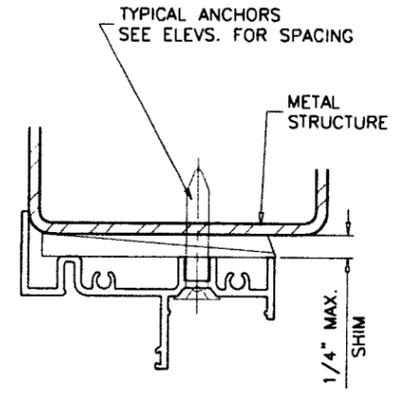
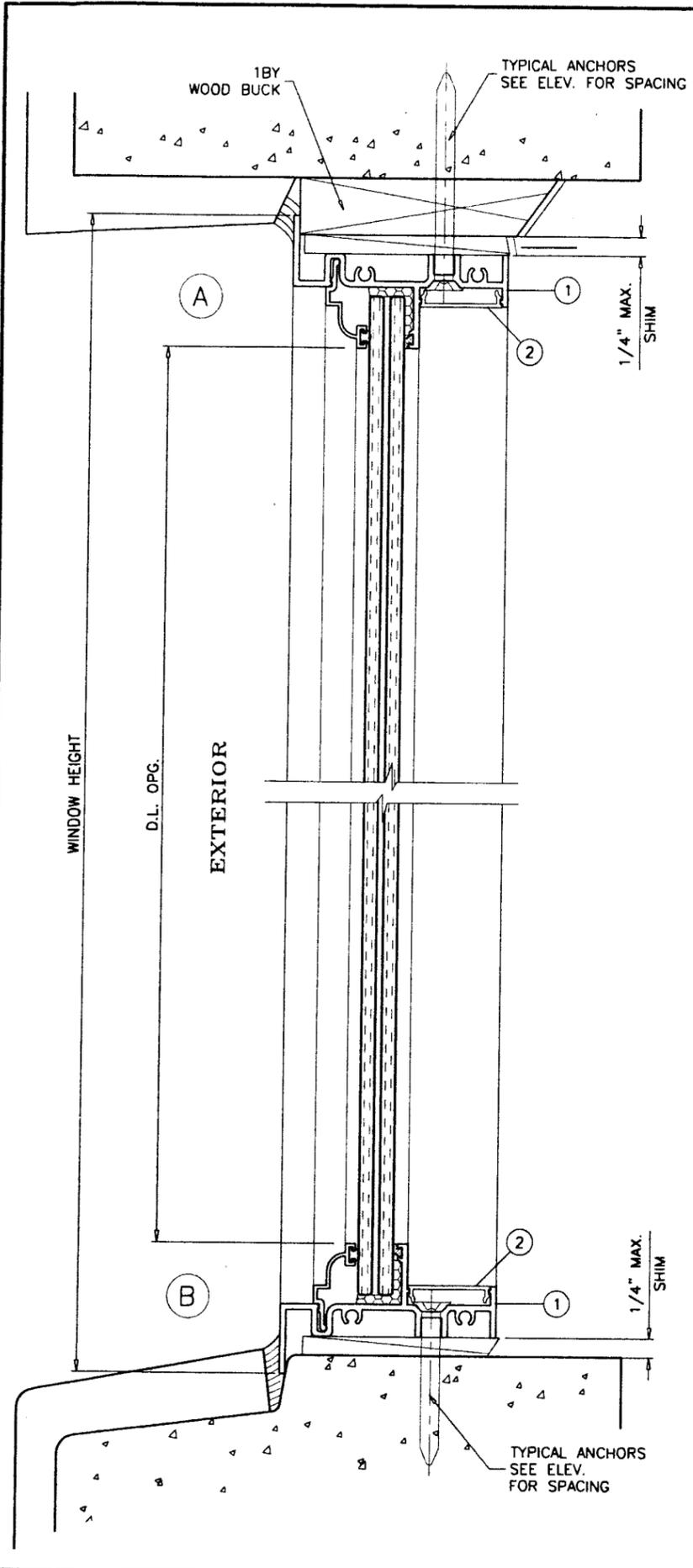
afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W07-49SIW

S-300 STORMSAFE ALUM FIXED 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 | 07.13.07 | REV. PER BCCO COMMENTS |
| B | 07.24.09 | UPDATED FOR 2007 FBC |

date: 05-18-07
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W07-49
sheet 2 of 5



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA. ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ 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

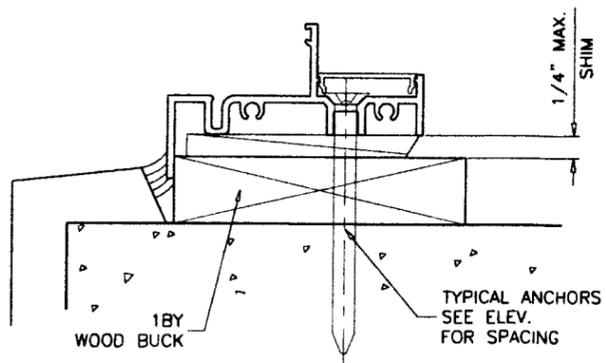
#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO METAL STRUCTURES
 STEEL : 12 GA. MIN. ($F_y = 36$ KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#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 = 1-1/2" MIN.
 INTO WOOD STRUCTURE = 3/4" MIN.
 INTO METAL STRUCTURE = 1/2" MIN.

CONCRETE $f'_c = 3000$ PSI MIN.
 C-90 HOLLOW/FILLED BLOCK $f'_m = 2000$ PSI MIN.

SEALANTS:
 ALL JOINTS AND FRAME CONNECTIONS SEALED WITH CRL SMALL JOINT SEALER.



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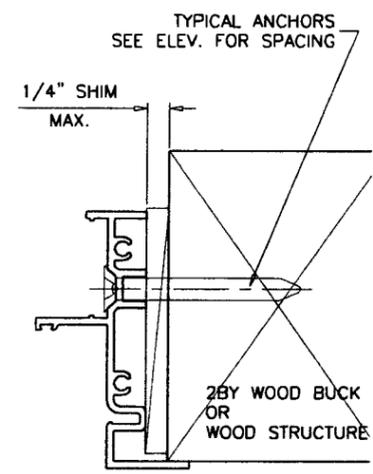
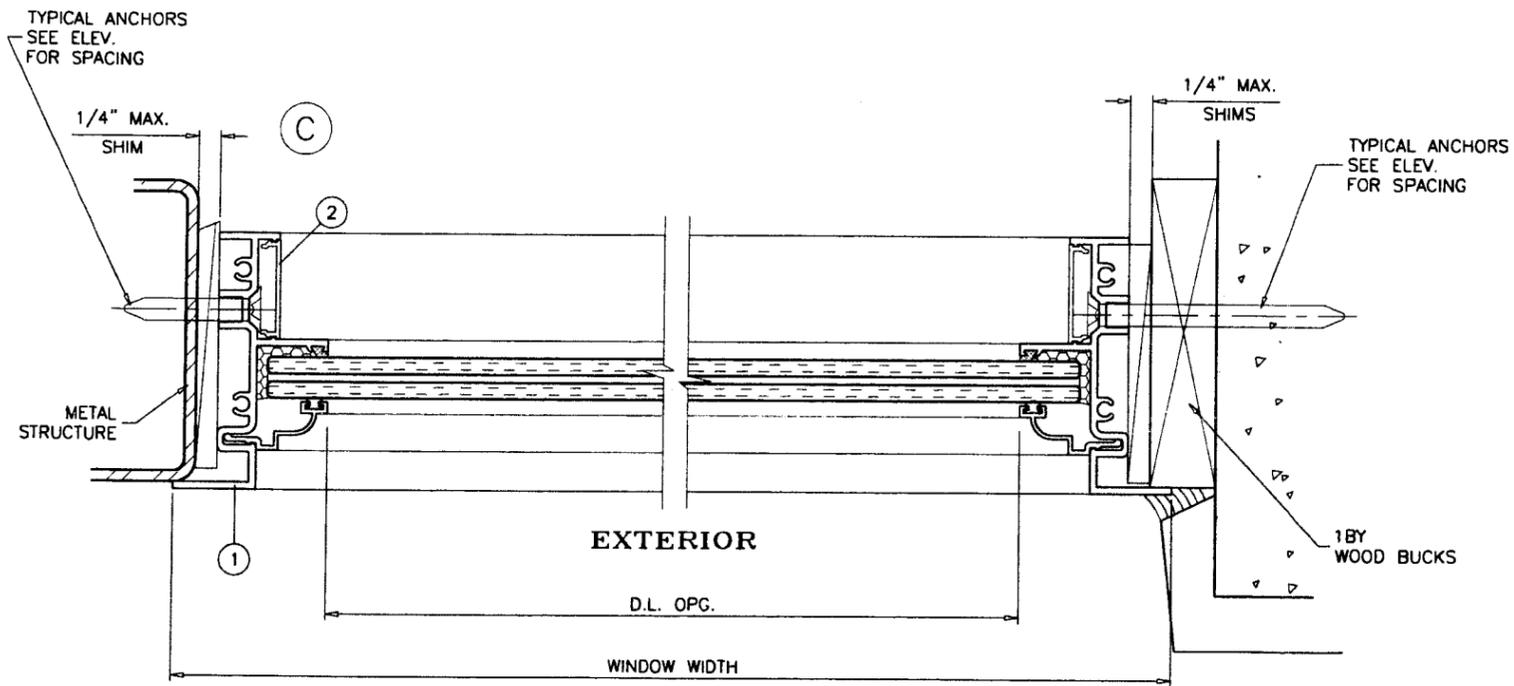
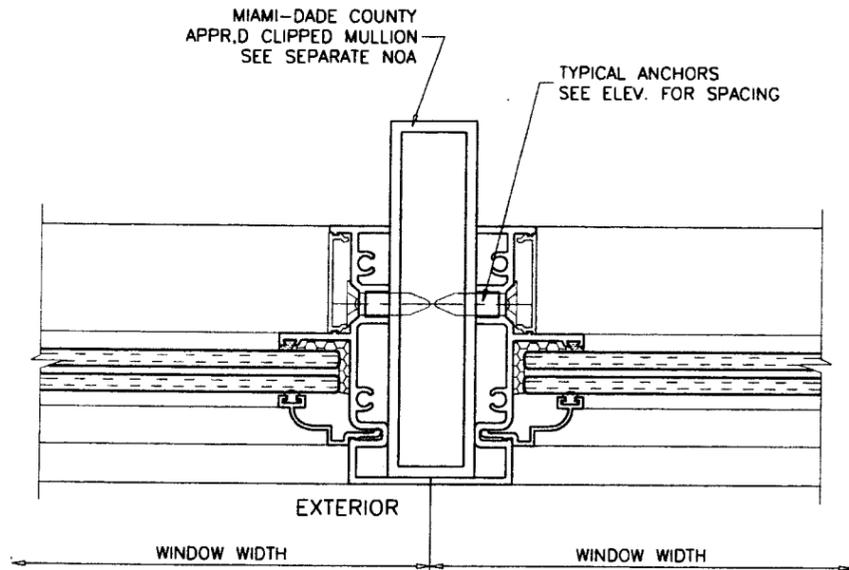
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 09-1021.13
 Expiration Date AUG 29, 2012
 By *Manuel Perez*
 National Basic Product Control
 Division

a f c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1295 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W07-49SIW

S-300 STORMSAFE ALUM FIXED 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 | 07.13.07 | | NO CHANGE THIS SHEET |
| B | 07.24.09 | | UPDATED FOR 2007 FBC |

date: 05-18-07
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 sheet 3 of 5



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Aug
 AUG 07 2009

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By: *Muhammad*
 Manual Made Product Control
 Division

afc
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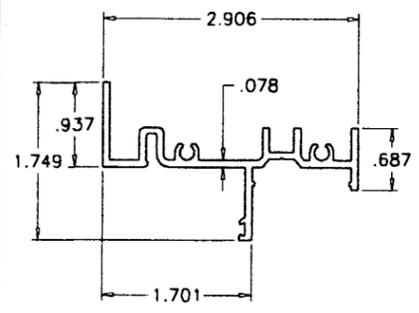
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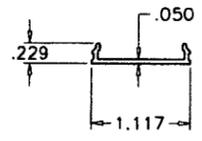
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 sheet 4 of 5

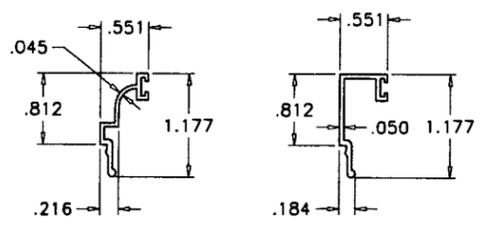
| ITEM | PART # | QUANTITY | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|------|--------------|-----------|---------------------------------|------------|------------------------|
| 1 | SIW301 | 4 | WINDOW FRAME | 6063-T6 | - |
| 2 | SIW303 | 4 | FRAME COVER (OPTIONAL) | 6063-T6 | - |
| 3 | SIW108 | 4 | GLAZING BEAD (7/16" GLASS) | 6063-T6 | - |
| 3.1 | SIW127 | 4 | ALT. GLAZING BEAD (7/16" GLASS) | 6063-T6 | - |
| 3A | SIW112 | 4 | GLAZING BEAD (5/16" GLASS) | 6063-T6 | - |
| 3.1A | SIW128 | 4 | ALT. GLAZING BEAD (5/16" GLASS) | 6063-T6 | - |
| 4 | #10 X 1-1/2" | 2/ CORNER | ASSEMBLY SCREWS | CRS | PH SMS |
| 5 | 938W | AS REQD. | EXTERIOR GLAZING GASKET | SANTOPRENE | CENTRAL PLASTICS |
| 6 | SIW113 | AS REQD. | GLAZING LEG SPACER | SANTOPRENE | CENTRAL PLASTICS |



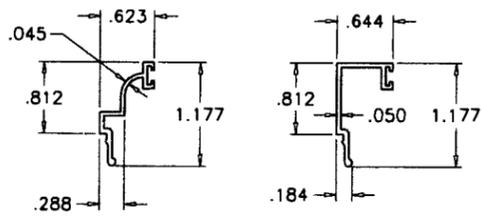
① FRAME



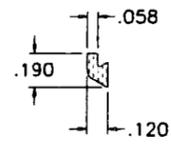
② FRAME COVER (OPTIONAL)



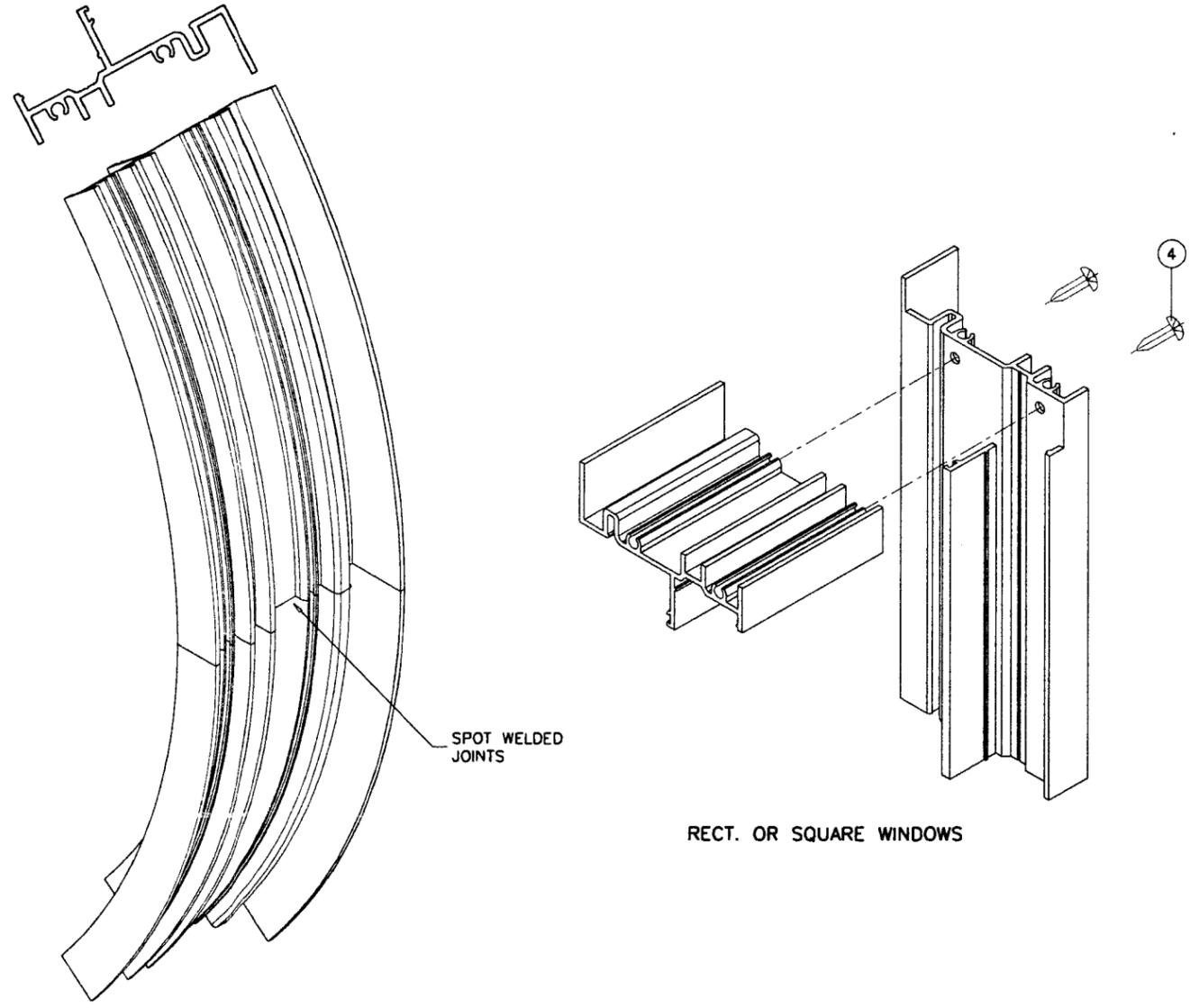
③ GLAZING BEADS (7/16" GLASS)



③A GLAZING BEADS (5/16" GLASS)



⑥ GLAZING LEG SPACER
SCALE 1:1



af c
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| A | 07.13.07 | REV. PER BCCO COMMENTS |
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