



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/pera](http://www.miamidade.gov/pera)

**NOTICE OF ACCEPTANCE (NOA)**

SIW Impact Windows, LLC  
975 S. Congress Avenue, # 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 and accepted by Miami-Dade County PERA - Product Control Section 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 Section (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. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 "550 Sidelite/Transom" Aluminum Fixed Window - L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **W09-53**, titled "Series 550 Alum. Sidelite/Transom Wdws. (L.M.I.)", sheets 1 through 8 of 8, dated 10/12/09, with revision A dated 01/04/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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 Section.

**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, model/series, 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 # **09-1021.14** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



*Handwritten signature and date: 4/19/12*

NOA No. 12-0223.21  
Expiration Date: February 24, 2015  
Approval Date: April 26, 2012  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W09-53**, titled "Series 550 Alum. Sidelite/Transom Wdws. (L.M.I.)", sheets 1 through 8 of 8, dated 10/12/09, with revision A dated 01/04/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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  
along with marked-up drawings and installation diagram of a series 500 outswing aluminum entrance door with transom, prepared by Hurricane Engineering Testing Laboratory, Inc., Test Report No. **HETI-07-4337**, dated November 1, 2007, signed and sealed by Candido F. Font, P.E.  
*(Submitted under previous NOA No. 09-1021.14)*
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 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of a series 500 outswing aluminum entrance doors with sidelites, prepared by Hurricane Engineering Testing Laboratory, Inc., Test Report No. **HETI-07-4339**, dated November 1, 2007, signed and sealed by Candido F. Font, P.E.  
*(Submitted under previous NOA No. 09-1021.14)*
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 a series 500 outswing aluminum entrance doors with sidelites, prepared by Hurricane Engineering Testing Laboratory, Inc., Test Report No. **HETI-07-4371**, dated November 1, 2007, signed and sealed by Candido F. Font, P.E.  
*(Submitted under previous NOA No. 09-1021.14)*
4. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
along with marked-up drawings and installation diagram of a series 500 outswing aluminum entrance doors, prepared by Hurricane Engineering Testing Laboratory, Inc., Test Report No. **HETI-07-4372**, dated November 1, 2007, signed and sealed by Candido F. Font, P.E.  
*(Submitted under previous NOA No. 09-1021.14)*

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0223.21  
Expiration Date: February 24, 2015  
Approval Date: April 26, 2012

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS (CONTINUED)**

5. 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 a series 500 outswing aluminum entrance doors, prepared by Hurricane Engineering Testing Laboratory, Inc., Test Report No. **HETI-07-4373**, dated November 1, 2007, signed and sealed by Candido F. Font, P.E.  
*(Submitted under previous NOA No. 09-1021.14)*
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 of a series 500 outswing aluminum entrance door with transom, prepared by Hurricane Engineering Testing Laboratory, Inc., Test Report No. **HETI-07-4374**, dated November 1, 2007, and addendum letter dated May 6, 2008, all signed and sealed by Candido F. Font, P.E.  
*(Submitted under previous NOA No. 09-1021.14)*
7. 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 a series 500 outswing aluminum entrance doors with sidelites, prepared by Hurricane Engineering Testing Laboratory, Inc., Test Report No. **HETI-07-4377**, dated November 1, 2007, signed and sealed by Candido F. Font, P.E.  
*(Submitted under previous NOA No. 09-1021.14)*
8. 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 of a series 500 outswing aluminum entrance doors with 3 fixed sidelites, prepared by Hurricane Engineering Testing Laboratory, Inc., Test Report No. **HETI-09-2572A**, dated June 30, 2009, signed and sealed by Candido F. Font, P.E.  
*(Submitted under previous NOA No. 09-1021.14)*
9. 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 a series 500 outswing aluminum entrance doors with 3 fixed sidelites, prepared by Hurricane Engineering Testing Laboratory, Inc., Test Report No. **HETI-09-2573**, dated June 30, 2009, signed and sealed by Candido F. Font, P.E.  
*(Submitted under previous NOA No. 09-1021.14)*

  
Manuel Perez, P.E.  
Product Control Examiner

NOA No. 12-0223.21

Expiration Date: February 24, 2015

Approval Date: April 26, 2012

**SIW Impact Windows, LLC.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 10/12/09, and updated to FBC-2010 on 12/29/11, signed and sealed by Javad Ahmad, P.E.  
*(Partially submitted under previous NOA#09-1021.14)*
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.

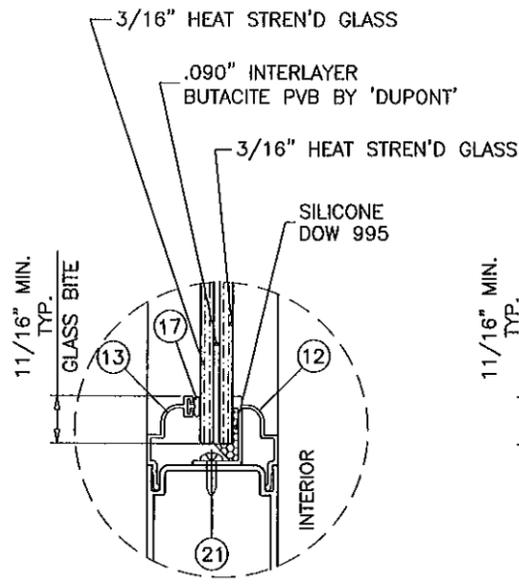
**F. STATEMENTS**

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated December 29, 2011, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

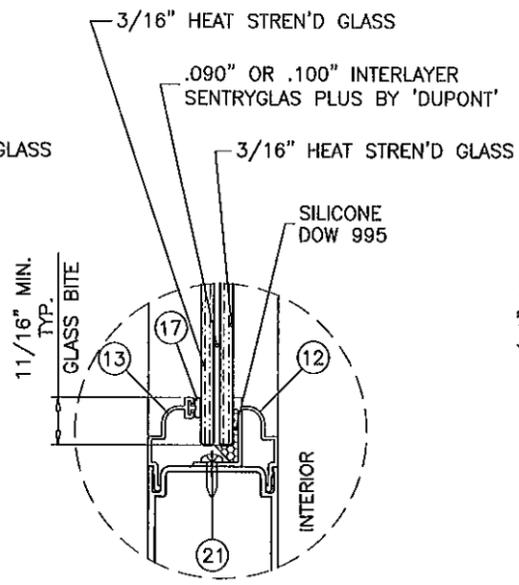
**G. OTHER**

1. Notice of Acceptance No. **09-1021.14**, issued to SIW Impact Windows, LLC for their Series "550 Sidelite/Transom" Aluminum Fixed Window – L.M.I., approved on 02/24/10 and expiring on 02/24/15.

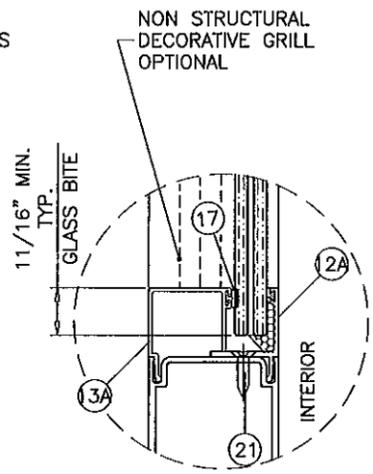
  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0223.21  
Expiration Date: February 24, 2015  
Approval Date: April 26, 2012



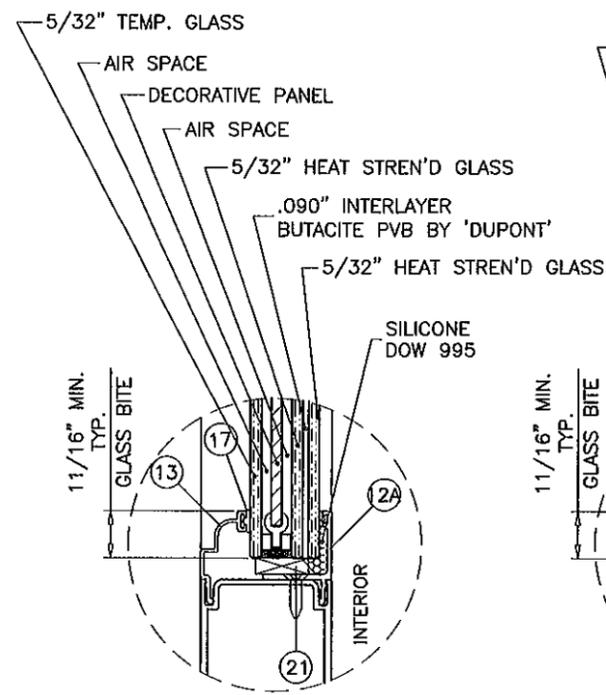
**GLASS TYPE 'A'**  
7/16" OVERALL LAM. GLASS



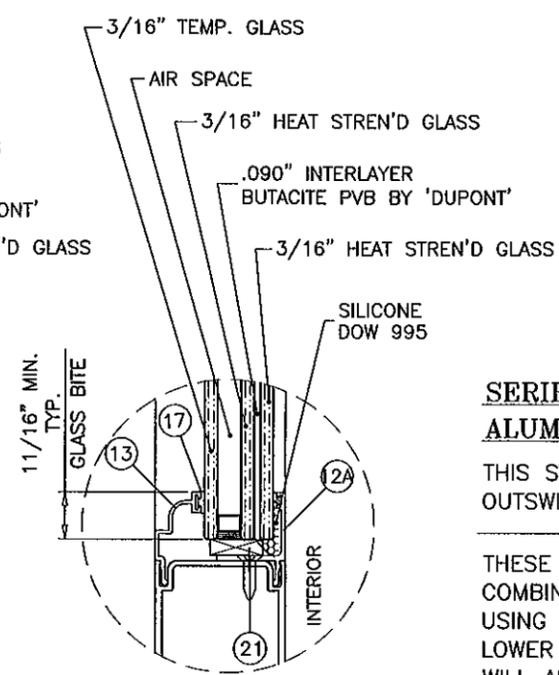
**GLASS TYPE 'B'**  
7/16" OVERALL LAM. GLASS



**ALTERNATE GLAZING DETAIL**  
GLASS TYPES 'A' & 'B'

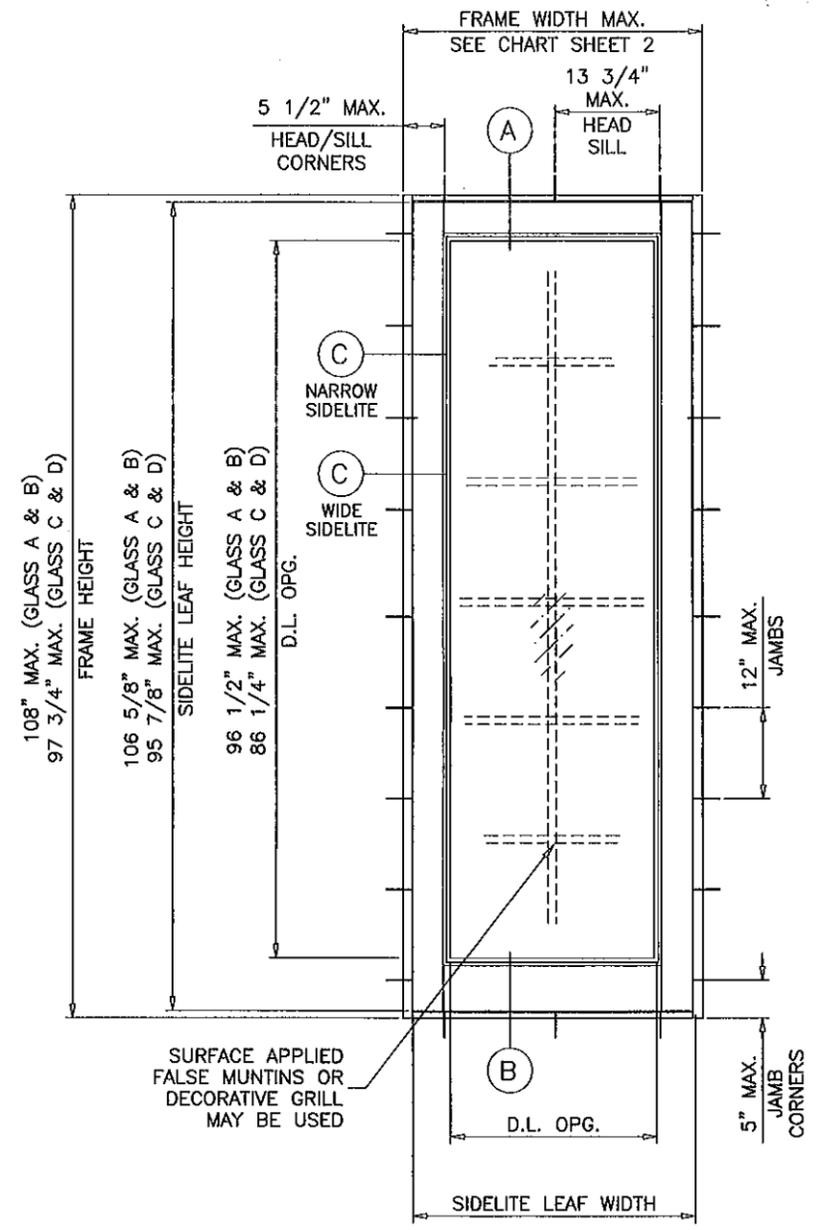


**GLASS TYPE 'C'**  
1" OVERALL LAM. INSUL. GLASS



**GLASS TYPE 'D'**  
1" OVERALL LAM. INSUL. GLASS

**GLAZING OPTIONS**



LEAF HEIGHT = FRAME HEIGHT - 1.375"  
 LEAF WIDTH = FRAME WIDTH - 2.812"  
 D.L.O. HEIGHT = LEAF HEIGHT - 12" (4" TOP RAIL, 6" BOT. RAIL)  
 D.L.O. WIDTH (SIDE LITE) = LEAF WIDTH - 10" (WIDE STILES)  
 D.L.O. WIDTH (SIDE LITE) = LEAF WIDTH - 6" (NARROW STILES)

**SERIES 550  
ALUMINUM SIDELITE/TRANSOM WINDOWS**

THIS SYSTEM CAN BE MATED TO SISTER NOA OF SERIES 500  
OUTSWING DOORS HOLDING A CURRENT NOA.

THESE PRODUCTS CAN BE INSTALLED AS SINGLE UNITS OR IN  
COMBINATION WITH MIAMI-DADE COUNTY APPROVED PRODUCTS  
USING APPROVED MULLION 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 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 THE FLORIDA BLDG. CODE SECTION 2003.8.4.

SIDELITES/TRANSOM ARE RATED FOR LARGE & SMALL MISSILE IMPACT.  
SHUTTERS ARE NOT REQUIRED.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
  
JAN 19 2012

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0223.21  
Expiration Date FEB. 24, 2015  
  
By *Manuel Perez*  
Miami Dade Product Control

**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\W09-53SIW

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SERIES 550 ALUM SIDELITE/TRANSOM WDWs. (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	01.04.12		UPDATED TO 2010 FBC

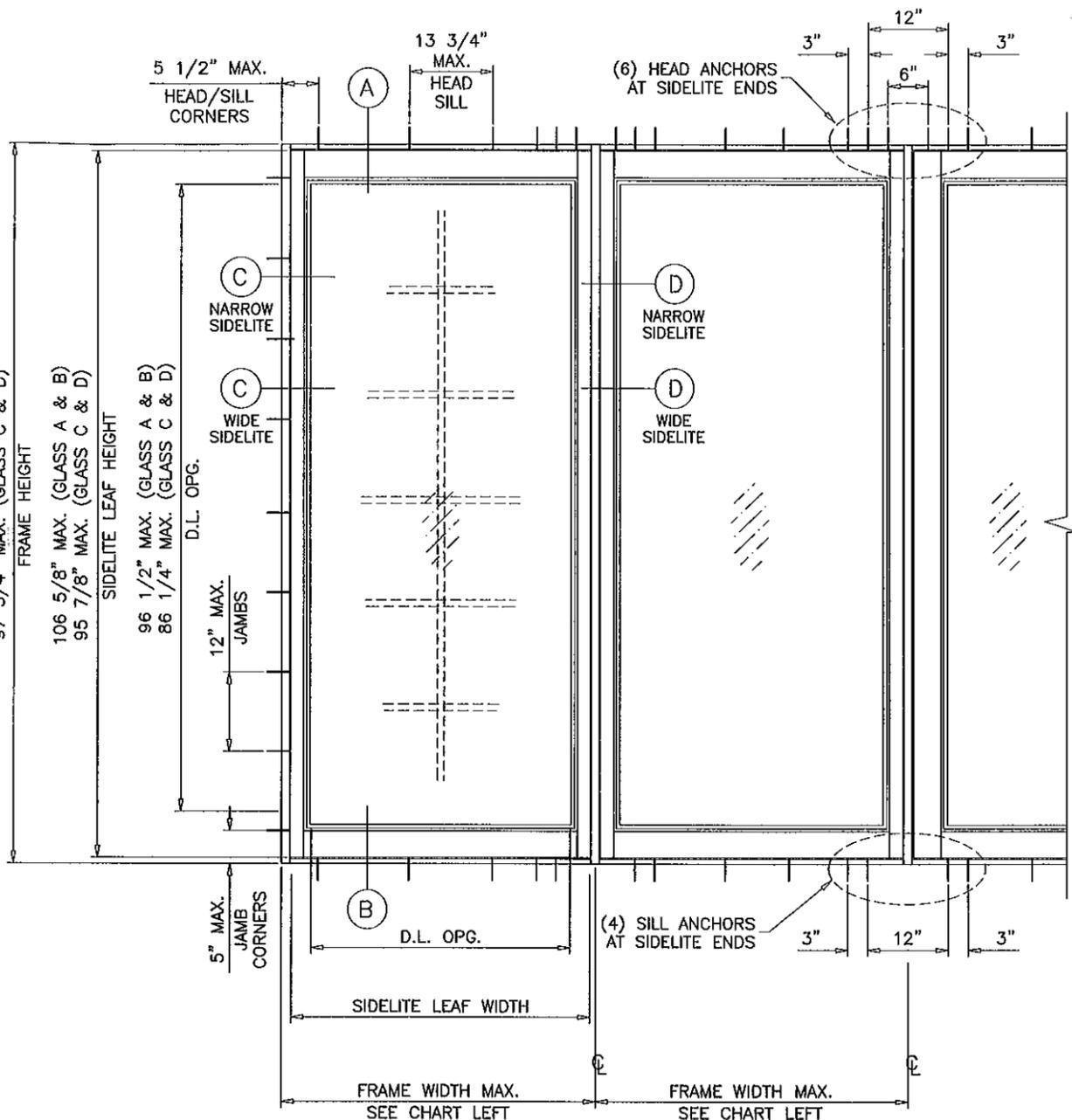
date: 10-12-09  
 scale: 1/2" = 1'-0"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W09-53**  
 sheet 1 of 8

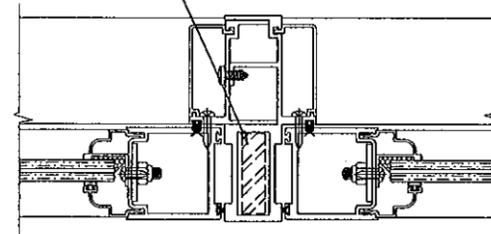
DESIGN LOAD CAPACITY - PSF

SIDELITE WIDTH INCHES	FRAME HEIGHT INCHES	GLASS TYPE 'A'						GLASS TYPE 'B'						GLASS 'C' & 'D'	
		NARROW STILE SIDELITE W/O REINF.		NARROW STILE SIDELITE WITH REINF.		WIDE STILE SIDELITE W/O REINF.		NARROW STILE SIDELITE W/O REINF.		NARROW STILE SIDELITE WITH REINF.		WIDE STILE SIDELITE W/O REINF.		NARROW STILE W/O REINF.	WIDE STILE W/O REINF.
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30	46-7/8	70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
36		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
42		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
48		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
52		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
54		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
56		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
60	70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-	
30	46-7/8	70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
36		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
42		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
48		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
52		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
54		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
56		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
60	70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-	
30	46-7/8	70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
36		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
42		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
48		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
52		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
54		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
56		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
30	46-7/8	70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
36		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
42		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
48		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
52		69.6	69.6	70.0	70.0	70.0	70.0	69.6	69.6	79.4	79.4	80.0	80.0	-	-
54		67.7	67.7	70.0	70.0	70.0	70.0	67.7	67.7	77.2	77.2	80.0	80.0	-	-
56		67.7	67.7	70.0	70.0	70.0	70.0	67.7	67.7	77.2	77.2	80.0	80.0	-	-
30	46-7/8	70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
36		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
42		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	-	-
48		69.8	69.8	70.0	70.0	70.0	70.0	69.8	69.8	79.6	79.6	80.0	80.0	-	-
52		65.6	65.6	70.0	70.0	70.0	70.0	65.6	65.6	74.8	74.8	80.0	80.0	-	-
54		62.1	62.1	70.0	70.0	70.0	70.0	62.1	62.1	70.8	70.8	79.9	79.9	-	-
56		60.9	60.9	69.5	69.5	70.0	70.0	60.9	60.9	69.5	69.5	78.4	78.4	-	-
30	46-7/8	70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
36		70.0	70.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	60.0	60.0
42		68.1	68.1	70.0	70.0	70.0	70.0	68.1	68.1	77.7	77.7	80.0	80.0	-	-
48		62.1	62.1	70.0	70.0	70.0	70.0	62.1	62.1	70.8	70.8	79.9	79.9	-	-
52		60.9	60.9	69.5	69.5	70.0	70.0	60.9	60.9	69.5	69.5	78.4	78.4	-	-
54		65.4	65.4	70.0	70.0	70.0	70.0	65.4	65.4	74.5	74.5	80.0	80.0	-	-
56		57.0	57.0	64.9	64.9	70.0	70.0	57.0	57.0	64.9	64.9	73.2	73.2	-	-
30	46-7/8	51.8	51.8	59.1	59.1	66.7	66.7	51.8	51.8	59.1	59.1	66.7	66.7	-	-
36		50.8	50.8	57.9	57.9	65.4	65.4	50.8	50.8	57.9	57.9	65.4	65.4	-	-
42		50.8	50.8	57.9	57.9	65.4	65.4	50.8	50.8	57.9	57.9	65.4	65.4	-	-
48		50.8	50.8	57.9	57.9	65.4	65.4	50.8	50.8	57.9	57.9	65.4	65.4	-	-

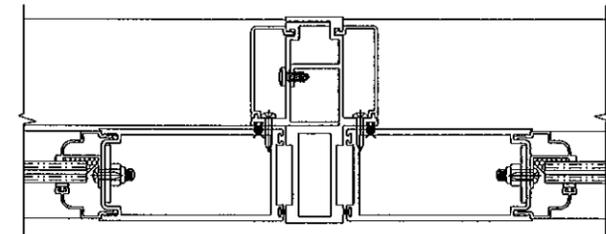
108" MAX. (GLASS A & B)  
97 3/4" MAX. (GLASS C & D)  
FRAME HEIGHT



REINF. AS REQD. SEE CHART



NARROW STILE SIDELITE WITH SIDELITE



WIDE STILE SIDELITE WITH SIDELITE

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 12-0223-21  
Expiration Date FEB. 24, 2015  
By *Mamuel Pina*  
Miami Trade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

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

JAN 18 2012

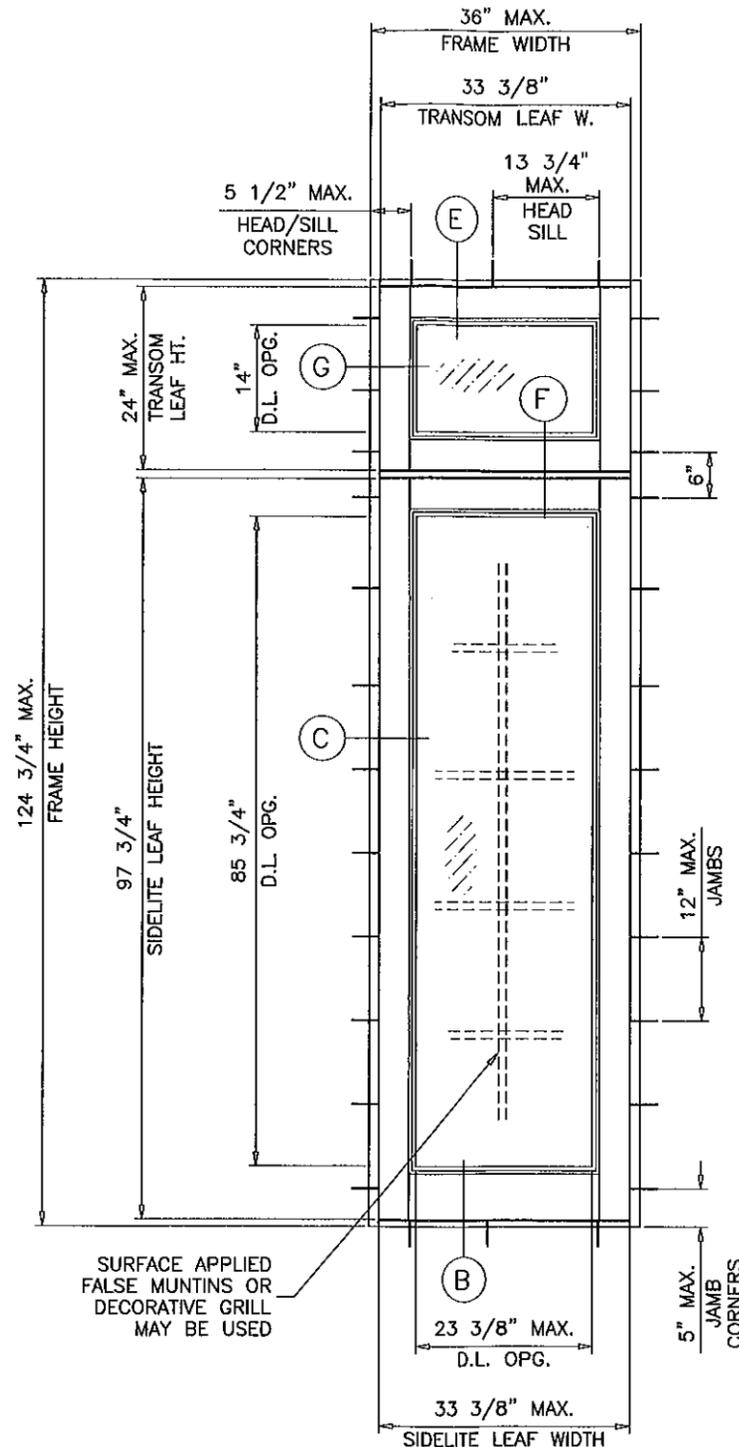
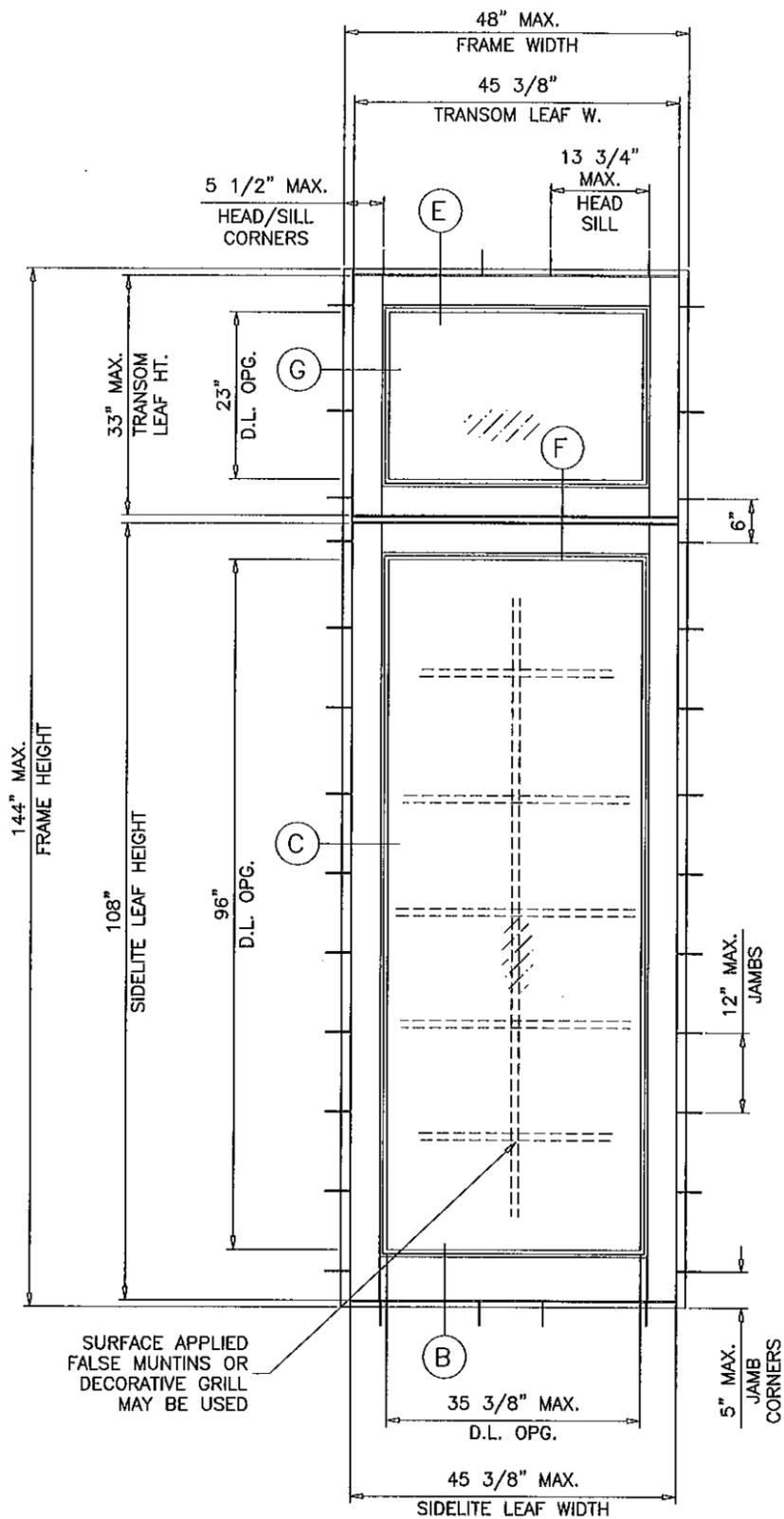
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**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL-W09-53SIW

SERIES 550 ALUM SIDELITE/TRANSOM WDS. (L.M.I.)  
**SIW IMPACT WINDOWS, LLC.**  
975 S. CONGRESS AVE. #102  
DELRAY BEACH, FL. 33445  
TEL. (561) 274-9392 FAX. (561) 274-9262

revisions:	no.	date	description
	A	01.04.12	NO CHANGE THIS SHEET

date: 10-12-09  
scale: -  
dr: HAMID  
chk: by:

drawing no. **W09-53**  
sheet 2 of 8



NOTE:  
SINGLE LITES WITH TRANSOM MAY BE JOINED TO EACH OTHER OR TO OTHER SYSTEMS USING APPROVED MULLIONS.

GLASS TYPES 'A'  
MAXIMUM DESIGN LOAD RATING = + 70.0 PSF  
- 70.0 PSF

GLASS TYPES 'B'  
MAXIMUM DESIGN LOAD RATING = + 80.0 PSF  
- 80.0 PSF

GLASS TYPES 'C' & 'D'  
MAXIMUM DESIGN LOAD RATING = + 60.0 PSF  
- 60.0 PSF

PRODUCT REVISED  
is complying with the Florida  
Building Code  
Acceptance No 12-0223.21  
Expiration Date Feb. 24, 2015  
By *Mamun Bura*  
Miami Dade Product Control

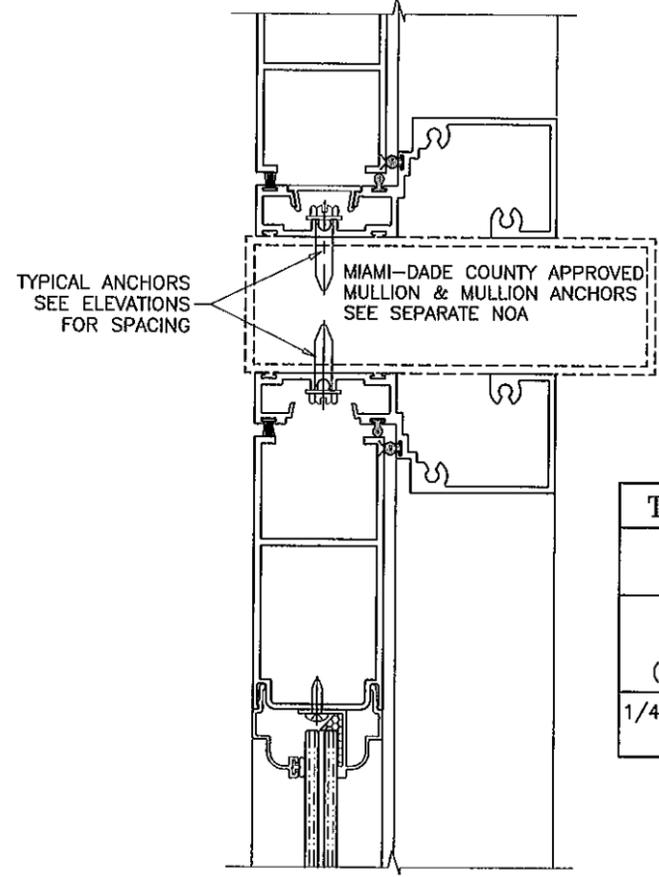
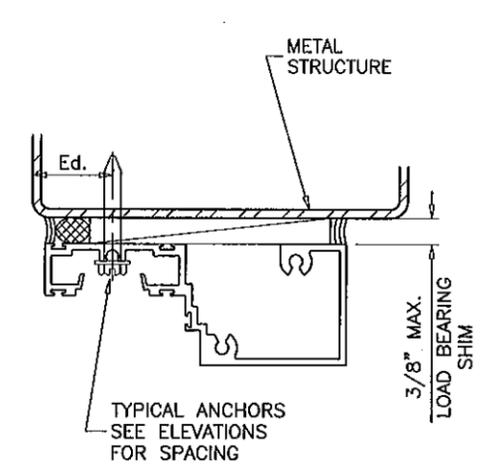
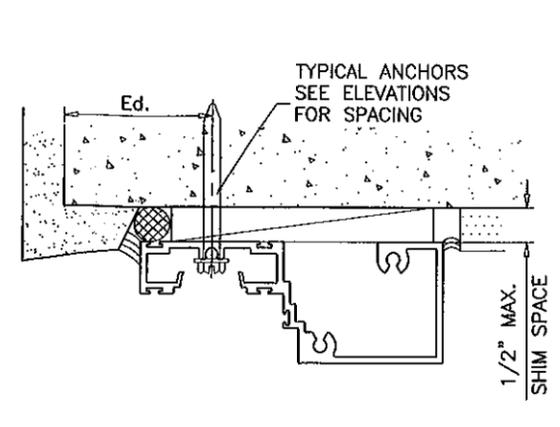
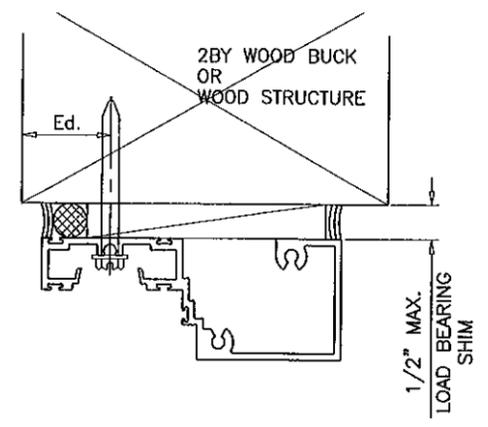
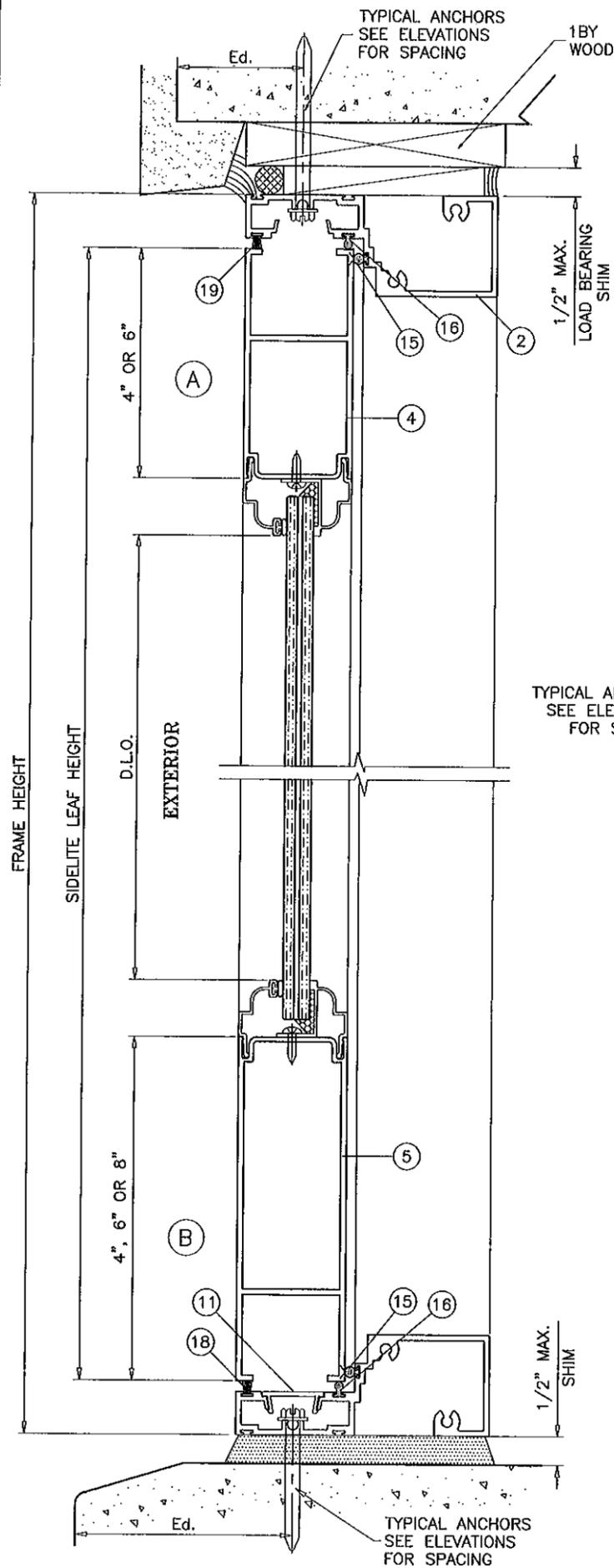
Engr. JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
JAN 23 2012

**af c**  
**AL-FAROOQ CORPORATION**  
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drawing no. **W09-53**  
sheet 3 of 8



**TYPICAL ANCHORS: SEE ELEV. FOR SPACING**

ANCHORS TYPE	SUBSTRATE	AT HEAD		AT SILL		AT JAMBS	
		MIN. EMBED.	MIN. EDGE DIST.	MIN. EMBED.	MIN. EDGE DIST.	MIN. EMBED.	MIN. EDGE DIST.
1/4" DIA. ULTRACONS BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)	WOOD	1-3/8"	1"	N.A.	N.A.	1-3/8"	1"
	MASONRY	N.A.	N.A.	N.A.	N.A.	1-1/4"	2-1/2"
	CONCRETE	1-1/4"	2-1/2"	1-3/4"	2-1/2"	1-1/4"	2-1/2"
1/4" DIA. SELF DRILLING SCREWS (GRADE 5 CRS)	METAL	N.A.	3/4"	N.A.	3/4"	N.A.	3/4"

WOOD = 2BY WOOD BUCKS OR WOOD STRUCTURE S.G. = 0.55 MIN.  
MASONRY = C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.  
CONCRETE = f'c = 3000 PSI MIN.  
METAL = 1/8" MIN. THK. STEEL Fy = 36 KSI MIN.  
MIAMI-DADE COUNTY APPROVED MULLION 1/8" MIN. THK.

1BY OR 2BY WOOD BUCKS AND METAL STRUCTURES NOT BY S.I.W. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO BUILDING STRUCTURE.  
ANCHORS MAY BE HEX OR FLAT HEAD.

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By *Mamuk*  
Miami Dade Product Control

**af c**  
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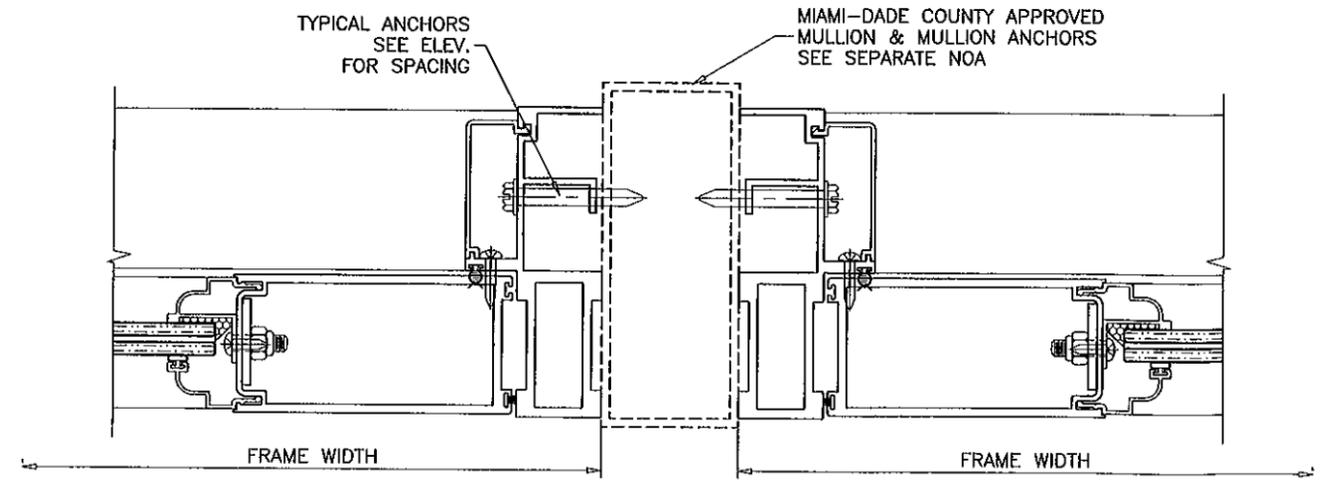
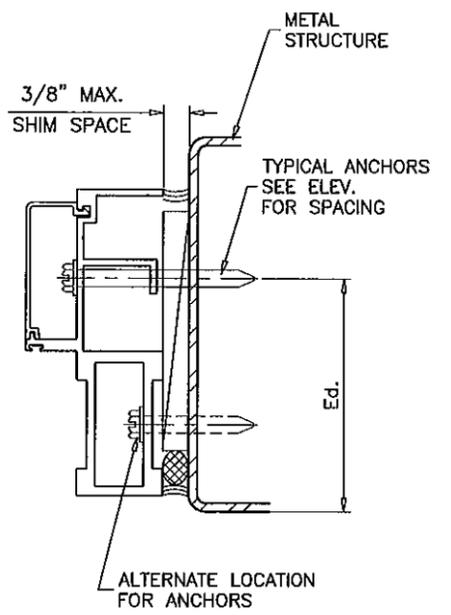
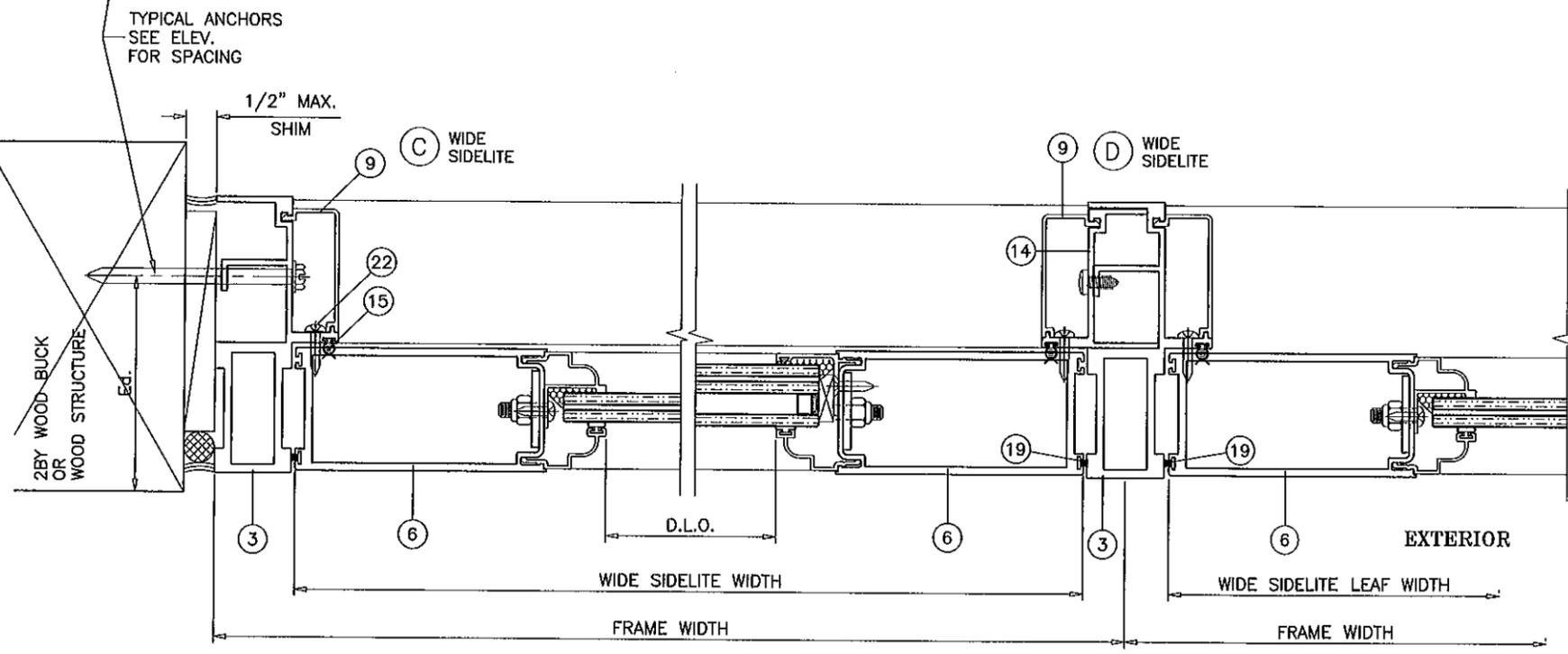
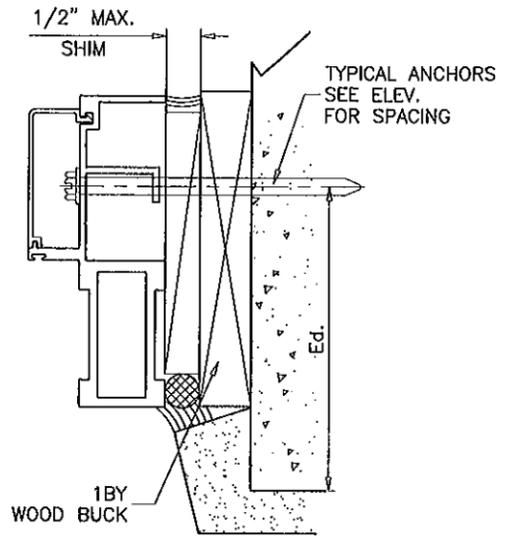
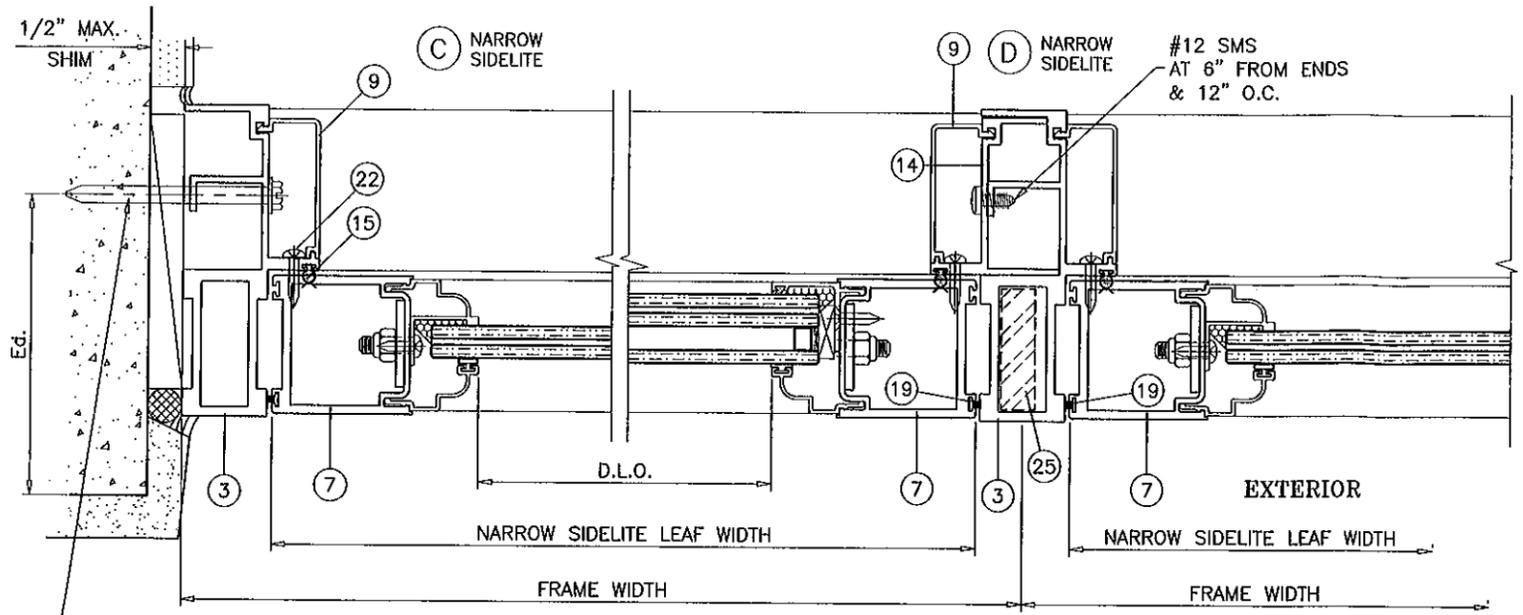
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chk. by:

drawing no. **W09-53**  
sheet 4 of 8



Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70582  
 C.A.N. 3538

JAV 13 2012

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 Expiration Date FEB. 24, 2015

By *Manuel Perez*  
 Miami Dade Product Control

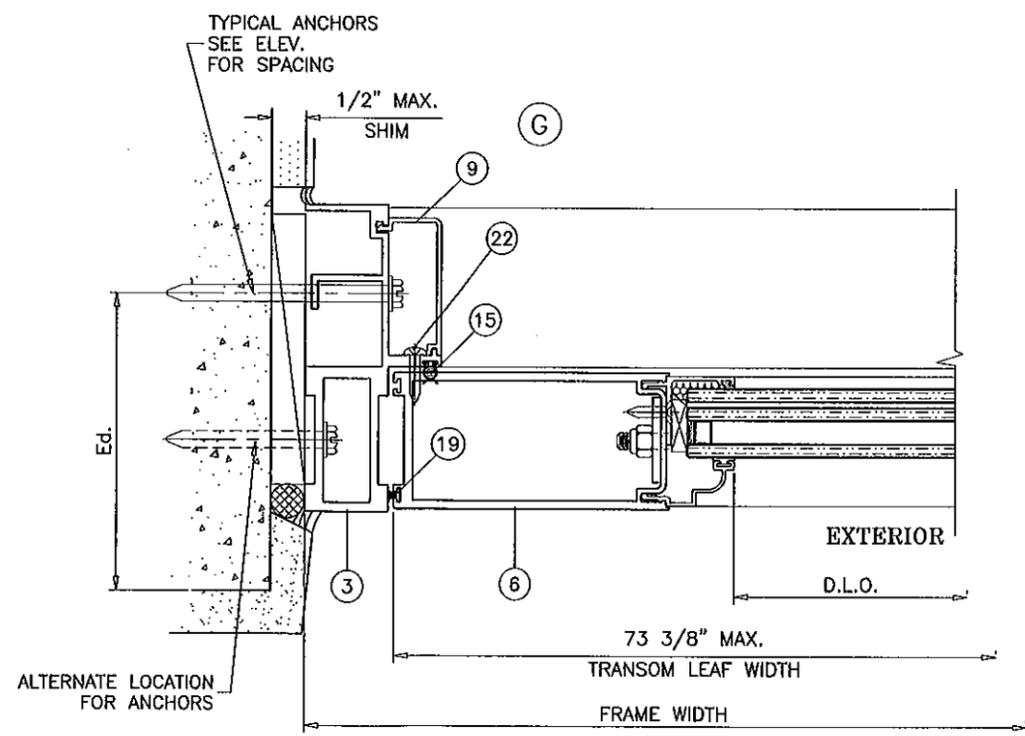
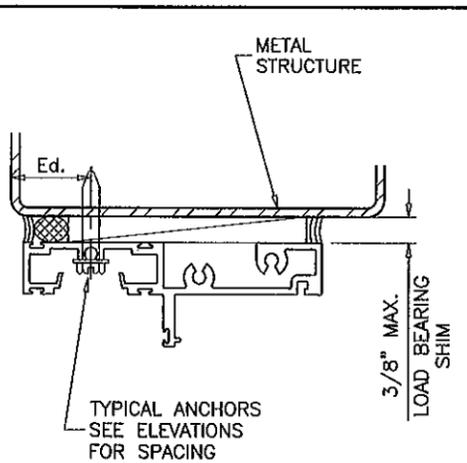
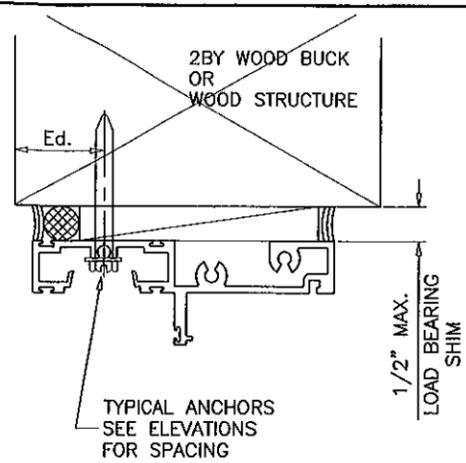
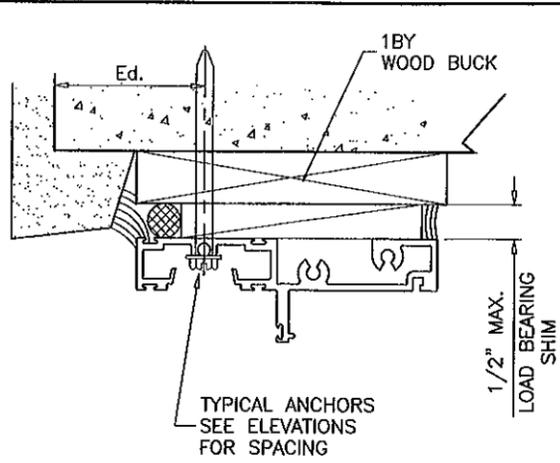
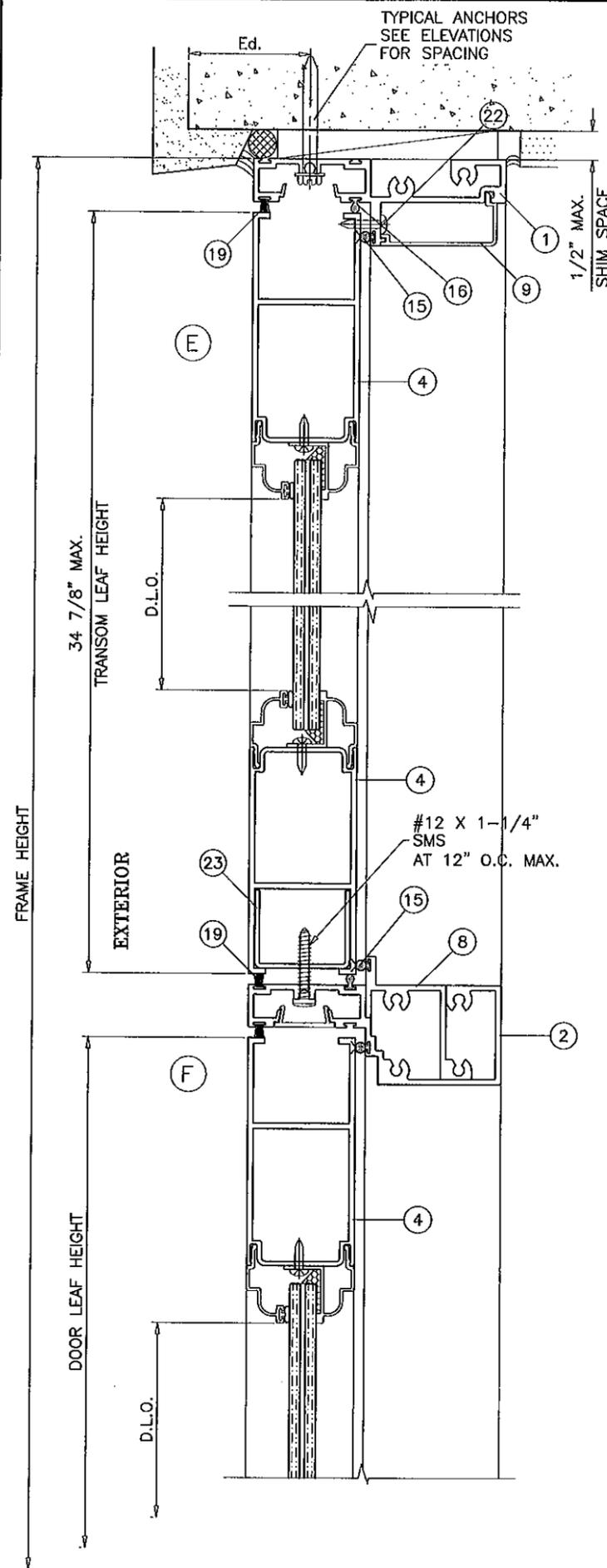
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**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
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 COMP-ANL W09-53SIW

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 chk. by:

drawing no.  
**W09-53**  
 sheet 5 of 8



Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70392  
 C.A.N: 3538

JAN 13 2015

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 Building Code  
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 Expiration Date FEB. 24, 2015

dr. by: HAMID  
 chk. by: *[Signature]*  
 Miami Dade Product Control

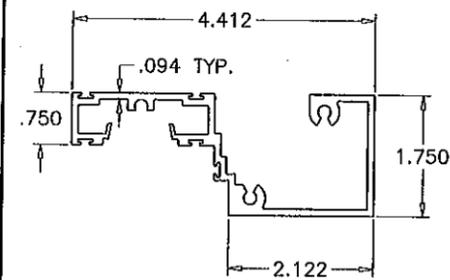
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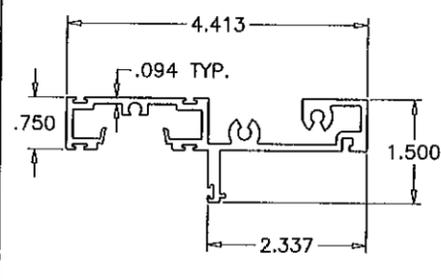
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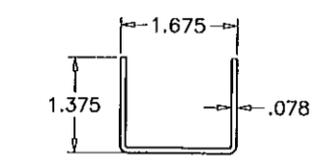
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**W09-53**  
 sheet 6 of 8



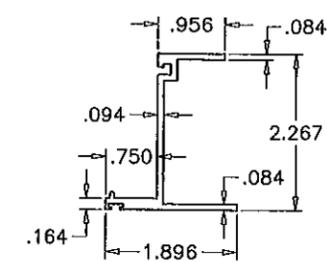
2 SIDELITE FRAME HEAD/SILL



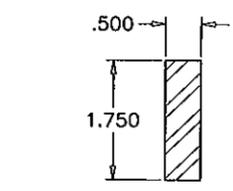
1 FRAME HEAD



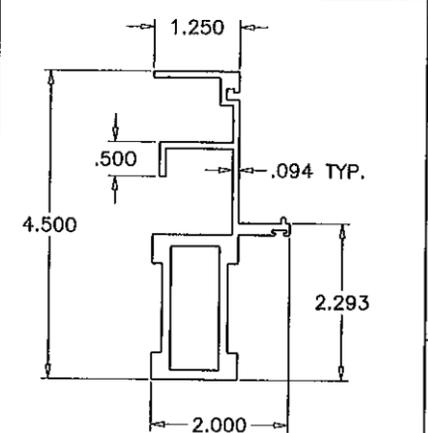
23 SHEAR CLIP



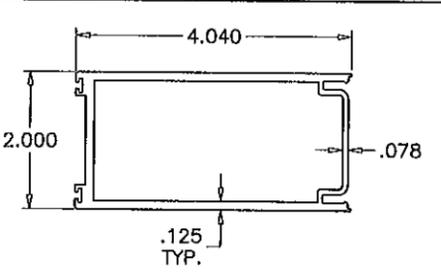
14 JAMB/MULL ADAPTER



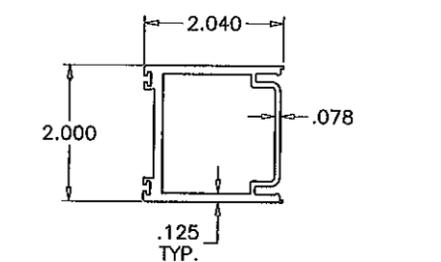
25 STEEL REINF.



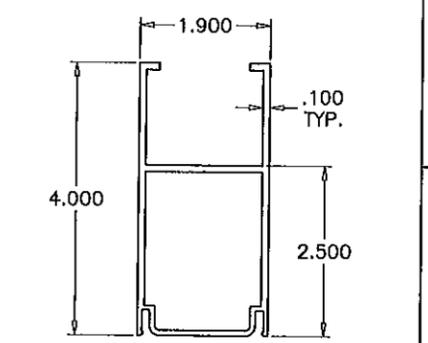
3 FRAME JAMB



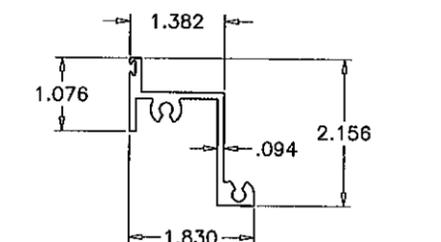
6 HINGE/LOCK STILE



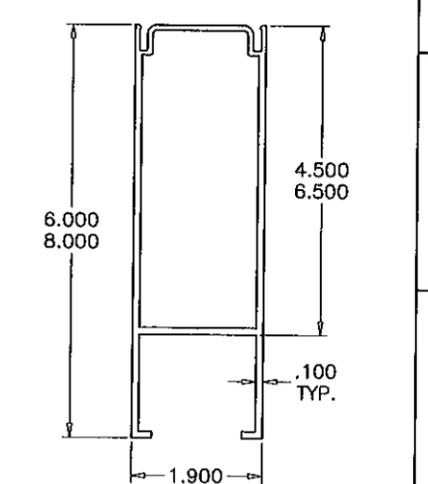
7 SIDELITE SASH STILE



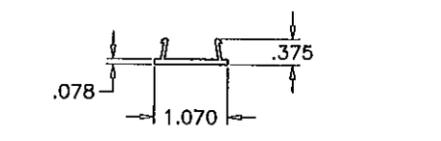
4 TOP/BOTTOM RAIL



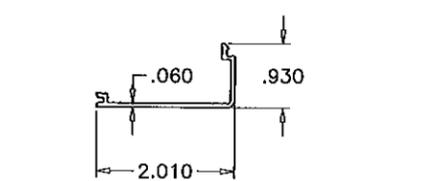
8 DOOR TRANSOM ADAPTER



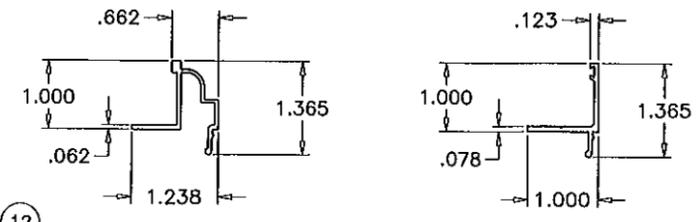
5 BOTTOM RAIL



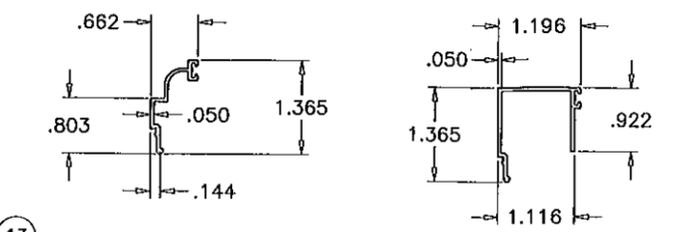
11 SNAP COVER



9 JAMB SCREW COVER



12 INTERIOR GLASS STOPS



13 EXTERIOR GLASS STOP

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	WDF-023	AS REQD.	FRAME HEAD	6063-T6	--
2	DWF-013A	1	SIDELITE FRAME HEAD/SILL	6063-T6	--
3	DWF-008	2/DOOR	FRAME JAMB	6063-T6	--
4	DWF-002	1/ LEAF	SIDELITE TOP/BOTTOM RAIL	6063-T6	--
5	DWF-003	1/ LEAF	SIDELITE BOTTOM RAIL	6063-T6	--
6	DWF-001	2/ LEAF	HINGE STILE/LOCK STILE	6063-T6	--
7	DWF-010	2/ LEAF	SIDELITE SASH STILE	6063-T6	--
8	DWF-009	AS REQD.	DOOR TRANSOM ADAPTER	6063-T6	--
9	DWF-011	AS REQD.	SCREW COVER	6063-T5	--
11	DWF-012	AS REQD.	SNAP COVER	6063-T5	--
12	DWF-005	AS REQD.	INTERIOR GLASS STOP	6063-T5	--
12A	DWF-024	AS REQD.	INTERIOR GLASS STOP	6063-T5	--
13	DWF-004	AS REQD.	EXTERIOR GLASS STOP	6063-T8	--
13A	SIW533	AS REQD.	EXTERIOR GLASS STOP	6063-T6	--
14	DWF-007	AS REQD.	SIDELITE JAMB/MULL ADAPTER	6063-T6	--
15	32082	--	FOAM-TITE W'STRIPPING	VINYL	AMESBURY
16	Q225X190	--	Q-LON 2 W'STRIPPING	VINYL	SCHLEGEL
17	5101-B	AS REQD.	GLASS STOP GASKET	SANTOPRENE	BY CENTRAL PLASTICS
18	.187 x .320 HT.	AS RQD.	FINSEAL PILE W'STRIPPING	--	ULTRAFAB
19	.187 x .200 HT.	AS RQD.	FINSEAL PILE W'STRIPPING	--	ULTRAFAB
21	#8 X 1/2"	AS REQD.	GLASS STOP SCREWS SELF DRILLING	--	AT 8" FROM ENDS & 15" O.C. MAX.
22	#12 X 1-1/4"	--	FIX. PANEL SCREWS PH SMS	--	AT 6" FROM ENDS & 17" O.C. MAX.
23	--	AS REQD.	SHEAR CLIP	ALUMINUM	--
25	--	AS REQD.	MULLION REINFORCING	STEEL	--
26	#12 X 2"	2/ CORNER	FRAME ASSEMBLY SCREWS	ST. STEEL	PH SMS
27	#12 X 4"	1/ CORNER	FRAME ASSEMBLY SCREWS	ST. STEEL	PH SMS

**SEALANTS:**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SMALL JOINT SEALER.

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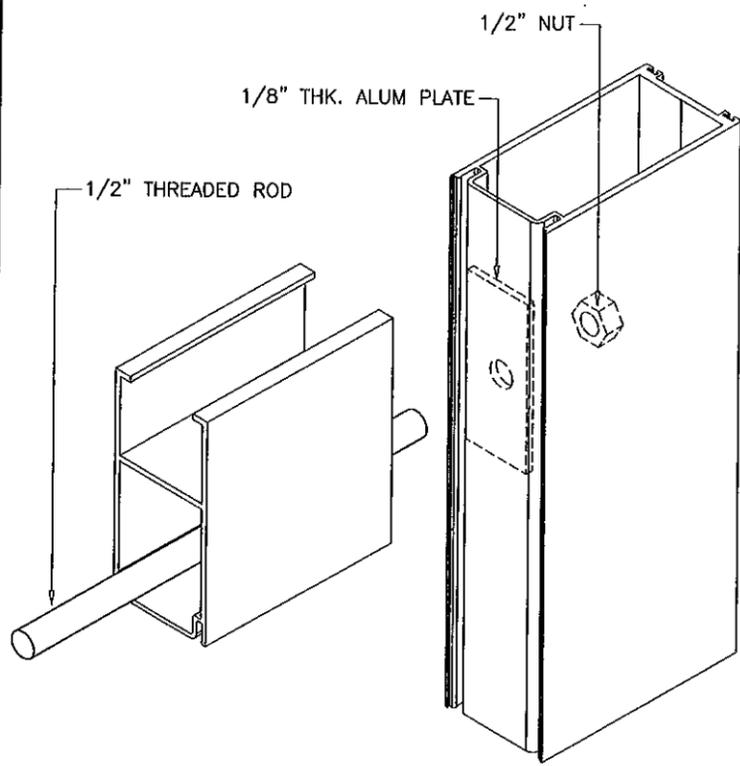
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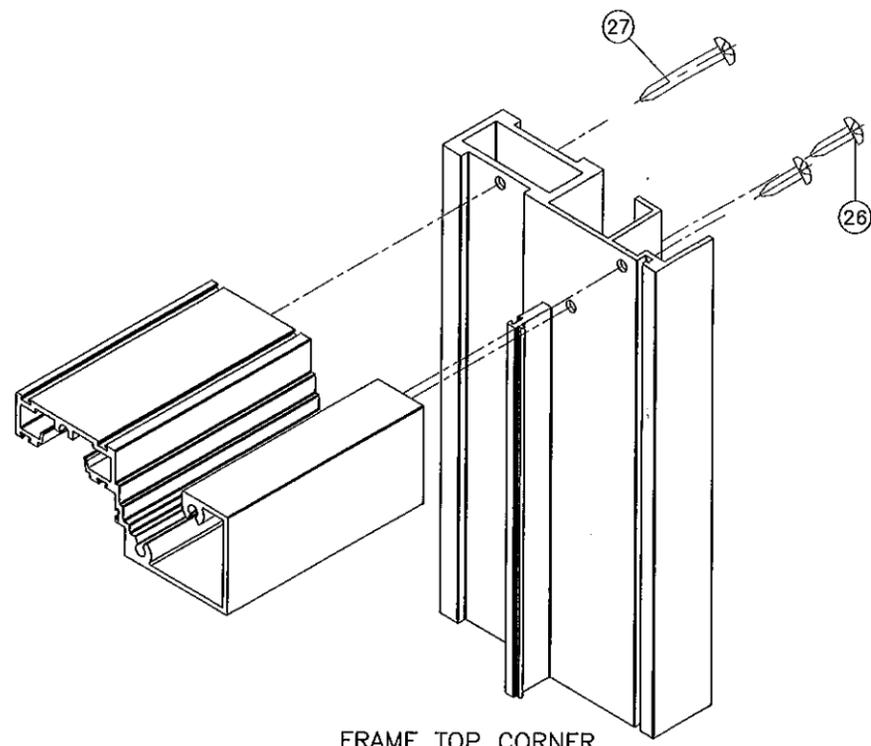
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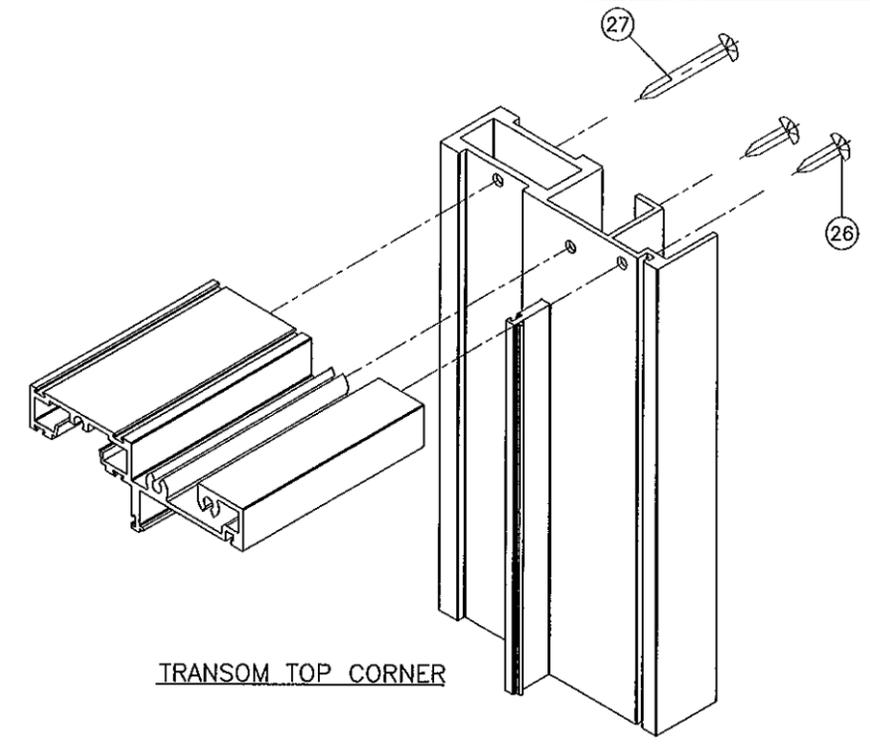
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**W09-53**  
sheet 7 of 8



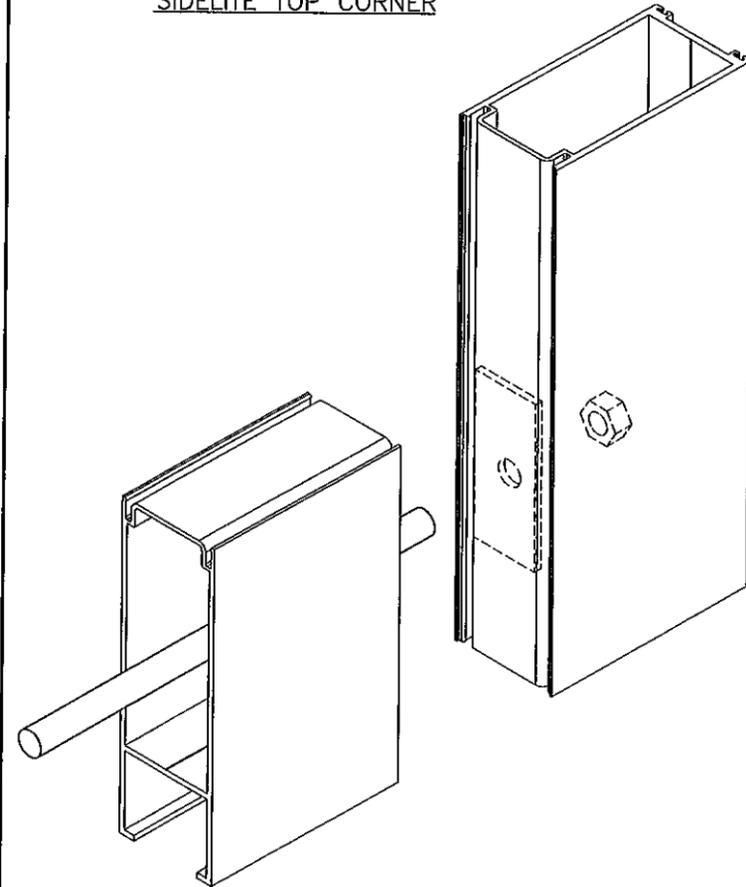
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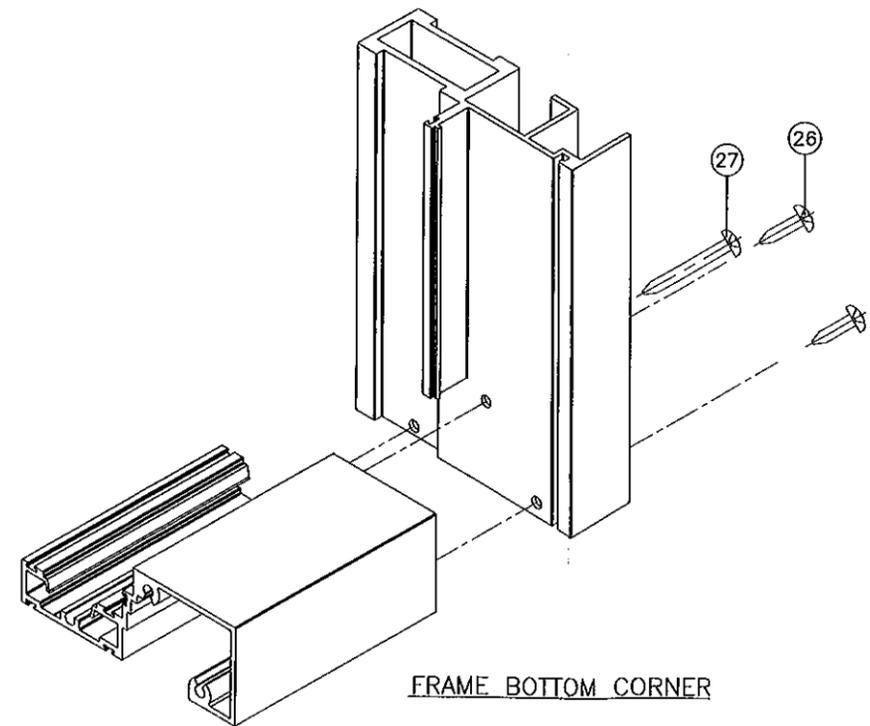
FRAME TOP CORNER



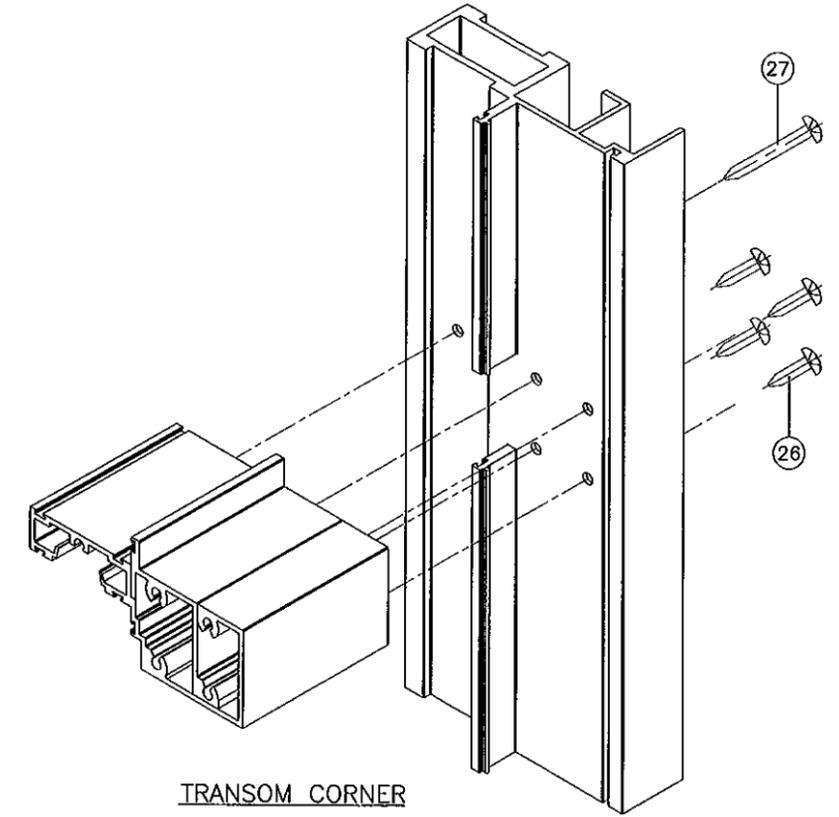
TRANSOM TOP CORNER



SIDELITE BOTTOM CORNER



FRAME BOTTOM CORNER



TRANSOM CORNER

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