



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

[www.buildingcodeonline.com](http://www.buildingcodeonline.com)

## NOTICE OF ACCEPTANCE (NOA)

Lawson Industries, Inc.  
8501 NW 90<sup>th</sup> St.  
Medley, FL 33166

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series "HS-8700" Aluminum Horizontal Sliding Window (L.M.I.)

**APPROVAL DOCUMENT:** Drawing No. **W02-07**, titled "HS-8700 Alum. Horizontal Sliding Window", sheets 1 through 5 of 5, dated 1/21/02 with revision C dated 11/16/06, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E. bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING:** Large 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 **renews & revises** NOA # **02-0227.05** 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  
1/23/07

NOA No 06-0406.09  
Expiration Date: April 11, 2012  
Approval Date: February 15, 2007  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W02-07**, titled "HS-8700 Alum. Horizontal Sliding Window", sheets 1 through 5 of 5, dated 1/21/02 with revision C dated 11/16/06, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, 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) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94Along with marked-up drawings and installation diagram of 8 specimens of an aluminum horizontal sliding window, XO configuration, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3097**, dated December 6, 2001, signed and sealed by Luis Figueredo, P. E. (*Submitted Under NOA# 02-0227.05*)
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) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94Along with marked-up drawings and installation diagram of 4 specimens of an aluminum horizontal sliding window, XO configuration, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3098**, dated December 11, 2001, signed and sealed by Luis Figueredo, P. E. (*Submitted Under NOA# 02-0227.05*)
3. 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) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94Along with marked-up drawings and installation diagram of 1 specimen of an aluminum horizontal sliding window, XO configuration, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3364**, dated January 28, 2002, signed and sealed by Luis Figueredo, P. E. (*Submitted Under NOA# 02-0227.05*)



Jaime D. Gascon, P.E.  
Product Control Division  
NOA No 06-0406.09

Expiration Date: April 11, 2012  
Approval Date: February 15, 2007

**Lawson Industries, Inc.**

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, and signed and sealed by Humayoun Farooq, P.E. on 11/20/06.  
**Complies with ASTM E1300-98/02**

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont DeNemours for "Dupont Butacite ® PVB" dated 01/05/06, expiring on 12/11/10.
2. Notice of Acceptance No. **03-0421.01** issued to Solutia Inc. for "Saflex/Keepsafe Maximum" dated 05/22/03, expiring on 04/14/08
3. Notice of Acceptance No. **02-1205.03** issued to Security Impact Glass Holdings L.L.C. for "SAF-GLAS" dated 01/02/03, expiring on 12/16/07.

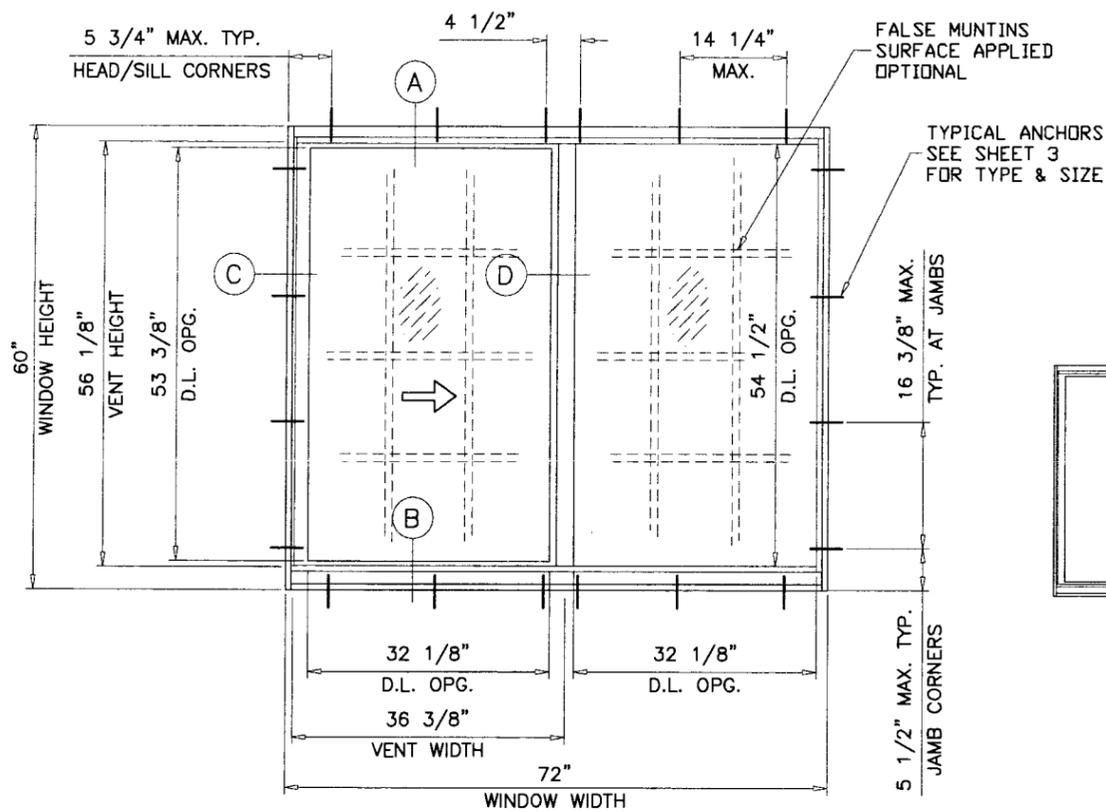
**F. STATEMENTS**

1. Statement letter of conformance, dated March 9, 2006 signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated February 4, 2002, signed and sealed by Humayoun Farooq, P.E. (*Submitted under NOA # 02-0227.05*)
3. Laboratory compliance letter for Test Report No. FTL- 3097, issued by Fenestration Testing Laboratory, Inc., dated December 14, 2001, signed and sealed by Luis A. Figueredo, P.E. (*Submitted under NOA # 02-0227.05*)

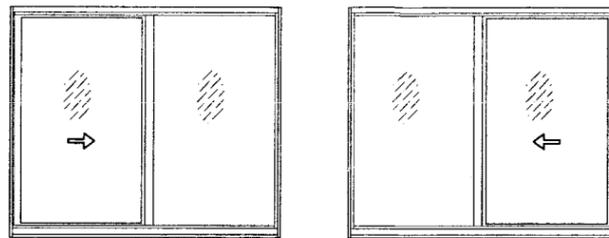
**G. OTHER**

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC)

  
\_\_\_\_\_  
Jaime D. Gascon, P.E.  
Product Control Division  
NOA No 06-0406.09  
Expiration Date: April 11, 2012  
Approval Date: February 15, 2007



**TYPICAL ELEVATION**  
TESTED UNIT



**XO**                      **OX**

FOR XO OR OX SIZES VENT AND  
FIXED GLASS TO BE EQUAL WIDTHS

APPROVED CONFIGURATIONS

**ALUMINUM HORIZONTAL SLIDING WINDOW**

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

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

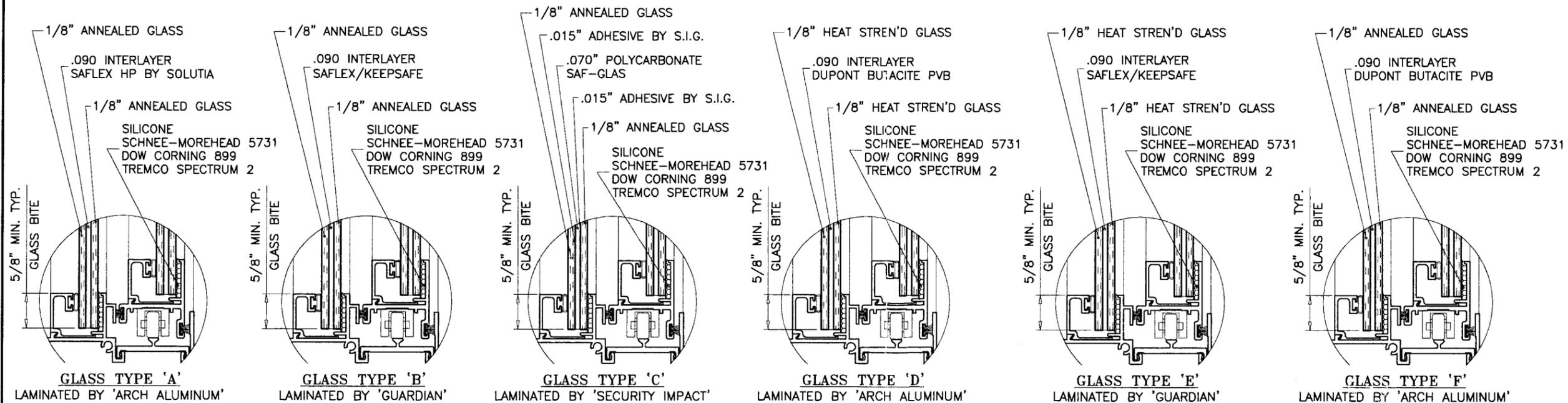
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE.

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

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF WOOD ANCHORS ONLY.

ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.



**GLAZING OPTIONS**

LARGE MISSILE IMPACT RESISTANT GLASS, SHUTTERS ARE NOT REQUIRED SEE SHEET 2 FOR CAPACITIES

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

**PRODUCT REVISED**  
on complying with the Florida  
Building Code  
Acceptance No. 06-040609  
Expiration Date 04/11/12

By: *[Signature]*  
Miami-Dade Product Control  
Division

NOV 20 2006

*afc*

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W02-07U

---

HS-8700 ALUM HORIZ. SLIDING WINDOW

**LAWSON INDUSTRIES**  
7030 N.W. 37 TH. COURT  
MIAMI, FL. 33147  
TEL. (305) 696-8660 FAX (305) 696-6006

no	date	by	description
A	03.14.02	REV. PER BCCO COMMENTS	
B	03.10.06	UPDATED FOR 2004 FBC	
C	11.16.06	REV. PER BCCO COMMENTS	

revisions:

date: 01-21-02  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no. **W02-07**  
sheet 1 of 5

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)

WINDOW DIMS. WIDTH HEIGHT		A	GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'				GLASS TYPE 'D'				GLASS TYPE 'E'				GLASS TYPE 'F'			
			ANCHORS 'A'		ANCHORS 'A'		ANCHORS 'A'		ANCHORS 'B'													
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	24"	4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
36"		4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
48"		6	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
60"		6	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
72"		6	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
24"	36"	4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
36"		4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
48"		6	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
60"		6	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
72"		6	70.0	70.0	60.0	60.0	74.8	74.8	74.8	74.8	70.0	70.0	70.0	70.0	79.1	79.1	80.0	80.0	74.8	74.8	74.8	74.8
24"	48"	4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
36"		4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
48"		6	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
60"		6	66.2	66.2	60.0	60.0	66.2	66.2	66.2	66.2	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	66.2	66.2	66.2	66.2
72"		6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	64.7	64.7	70.0	70.0	64.7	64.7	80.0	80.0	54.6	54.6	54.6	54.6
24"	60"	4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
36"		4	70.0	70.0	60.0	60.0	80.0	82.6	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
48"		6	70.0	70.0	60.0	60.0	78.8	78.8	78.8	78.8	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	78.8	78.8	78.8	78.8
60"		6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	68.4	68.4	70.0	70.0	-	-	-	-	-	-	-	-
72"		6	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	54.8	54.8	70.0	70.0	-	-	-	-	-	-	-	-
26-1/2"	26"	4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
37"		4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
53-1/8"		6	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
74"		6	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
26-1/2"	38-3/8"	4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
37"		4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
53-1/8"		6	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
74"		6	66.7	66.7	60.0	60.0	66.7	66.7	66.7	66.7	70.0	70.0	70.0	70.0	73.1	73.1	80.0	80.0	66.7	66.7	66.7	66.7
26-1/2"	50-5/8"	4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
37"		4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
53-1/8"		6	70.0	70.0	60.0	60.0	73.3	73.3	73.3	73.3	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	73.3	73.3	73.3	73.3
74"		6	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	60.1	60.1	70.0	70.0	60.1	60.1	80.0	80.0	50.5	50.5	50.5	50.5
26-1/2"	63"	4	70.0	70.0	60.0	60.0	80.0	90.0	80.0	90.0	70.0	70.0	70.0	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
37"		4	70.0	70.0	60.0	60.0	76.7	76.7	80.0	90.0	70.0	70.0	70.0	70.0	76.7	76.7	80.0	80.0	76.7	76.7	80.0	80.0
53-1/8"		6	63.8	63.8	60.0	60.0	63.8	63.8	63.8	63.8	70.0	70.0	70.0	70.0	75.9	75.9	80.0	80.0	63.8	63.8	63.8	63.8

A = NO. OF ANCHORS PER HEAD & SILL

THESE CHARTS ARE FOR FRAME SILL WITH ADD-ON RISER  
FOR STANDARD SILL LIMIT EXTERIOR(+) LOADS TO 70.0 PSF

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE BASED ON  
ASTM E1300-98 (60 SEC. WIND)

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

NOV 20 2006

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 06-0406-09  
Expiration Date 02/11/12  
By: *[Signature]*  
Miami North Product Control  
Division

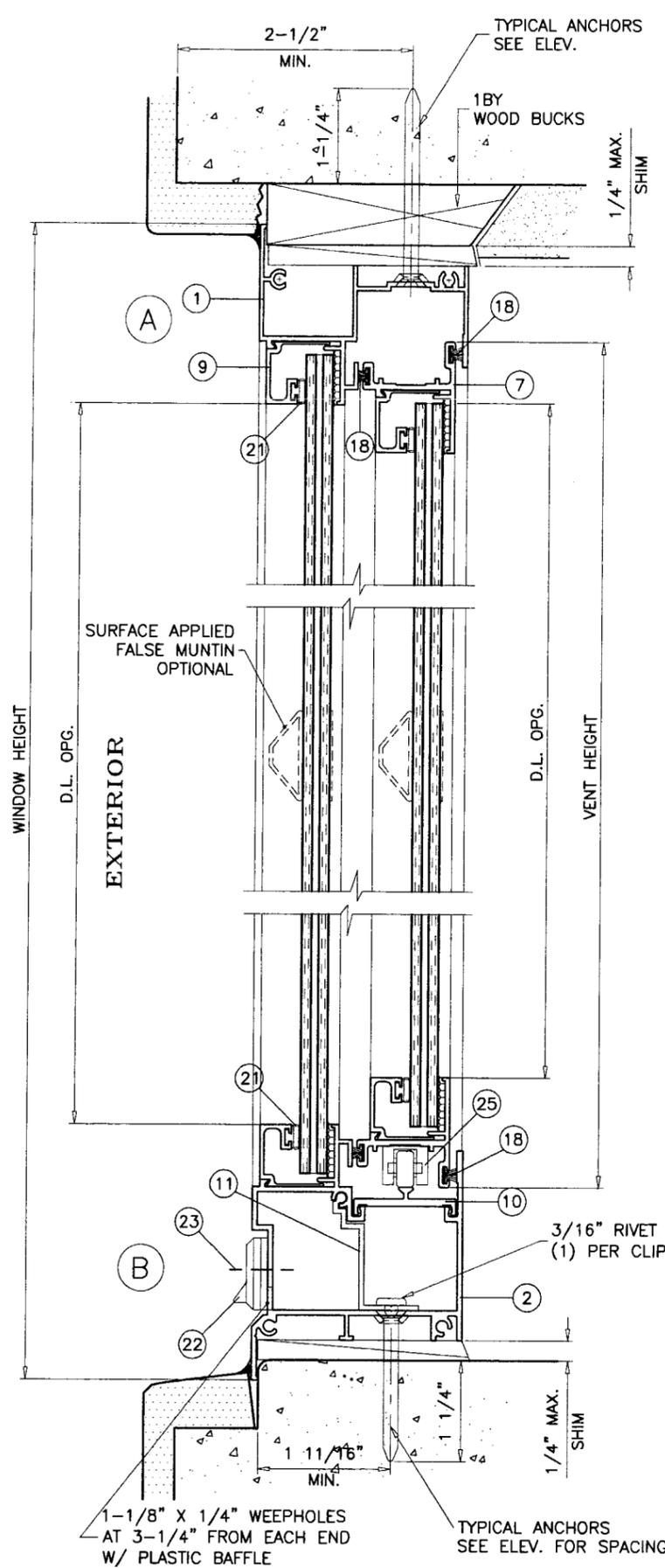
**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W02-07LI

HS-8700 ALUM HORIZ. SLIDING WINDOW  
**LAWSON INDUSTRIES**  
7030 N.W. 37 TH. COURT  
MIAMI, FL. 33147  
TEL. (305) 696-8660 FAX (305) 696-6006

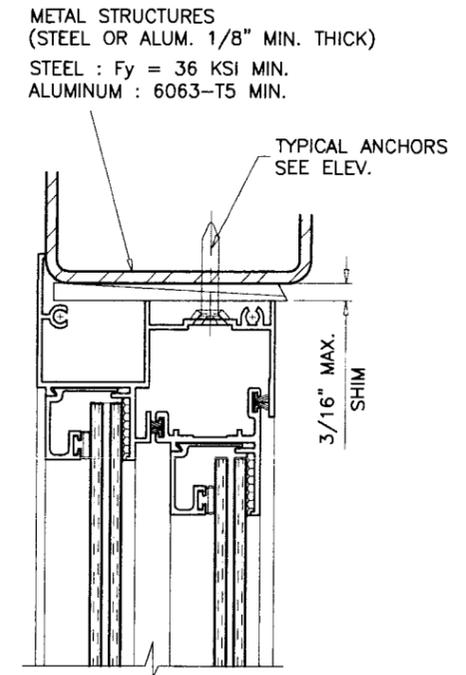
no	date	description
B	03.10.06	ANCHORS REV.
C	11.16.06	NO CHANGE THIS SHEET

date: 01-21-02  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

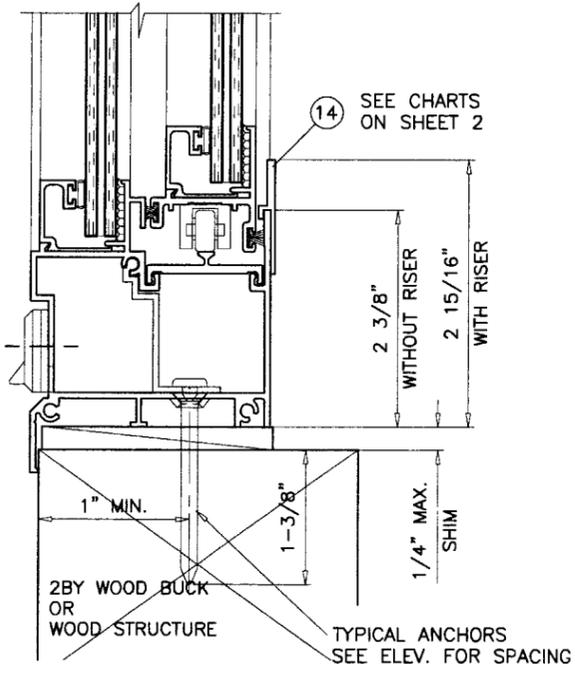
drawing no.  
**W02-07**  
sheet 2 of 5



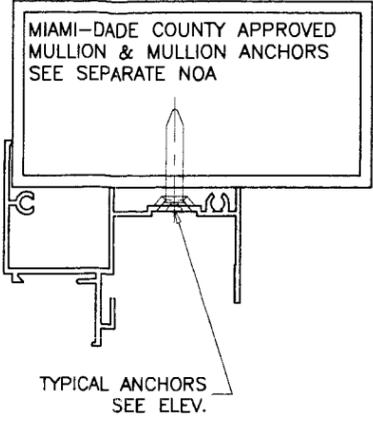
**FRAME SILL STANDARD**  
LIMIT EXTERIOR(+) LOAD TO 70.0 PSF



**FRAME SILL WITH ADD-ON RISER**



METAL STRUCTURES  
(STEEL OR ALUM. 1/8" MIN. THICK)  
STEEL :  $F_y = 36$  KSI MIN.  
ALUMINUM : 6063-T5 MIN.



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

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

**ANCHORS 'A':** 1/4" TAPCONS  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-3/8" MIN. PENETRATION INTO WOOD  
 THRU 1BY WOOD 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

3/16" SELF DRILLING SCREWS  
 INTO METAL STRUCTURES (1/8" MIN. THICKNESS)  
 (3/16" MAX. SHIM SPACE)

**ANCHORS 'B':** 5/16" TAPCONS  
1/4" HILTI KWIK-CON II  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-3/8" MIN. PENETRATION INTO WOOD  
 THRU 1BY WOOD 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

1/4" SELF DRILLING SCREWS  
 INTO METAL STRUCTURES (1/8" MIN. THICKNESS)  
 (3/16" MAX. SHIM SPACE)

#12 SMS  
 INTO DADE COUNTY APPROVED MULLIONS  
 (NO SHIM SPACE)

**ANCHOR EDGE DISTANCES:**  
 INTO CONCRETE AND MASONRY = AS SHOWN  
 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 5/8" MIN.

**SEALANTS:**  
 FRAME AND VENT CORNERS AND INSTALLATION SCREWS AT SILL  
 SEALED WITH WHITE/ALUMINUM COLORED SEALANT.

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

NOV 20 2006

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 06-0406.09  
 Expiration Date 04/10/12

By: *[Signature]*  
 Miami Dade Product Control  
 Division

*afc*

**AL-FAROOQ CORPORATION**  
 ENGINEERS, PLANNERS & PRODUCT DESIGN  
 1235 SW 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W02-07LI

---

HS-8700 ALUM HORIZ. SLIDING WINDOW  
**LAWSON INDUSTRIES**  
 7030 N.W. 37 TH. COURT  
 MIAMI, FL. 33147  
 TEL. (305) 696-8660 FAX (305) 696-6006

no	date	by description	ANCHORS REV.	REV. PER BCCO COMMENTS
B	03.10.06			
C	11.16.06			

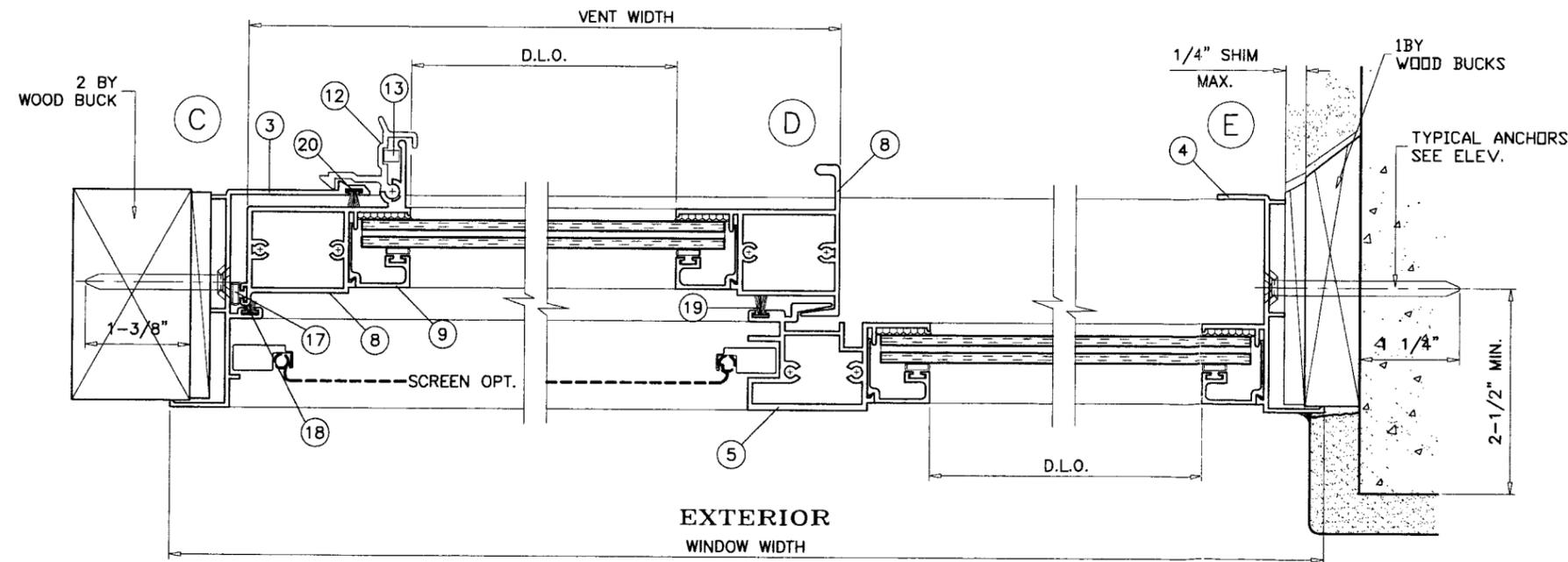
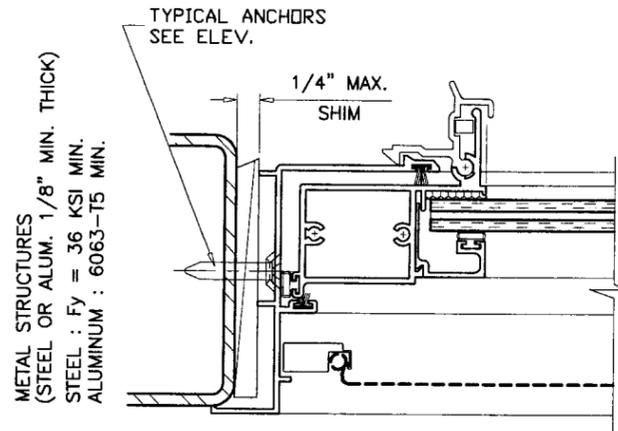
revisions:

date: 01-21-02  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W02-07**

sheet 3 of 5

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	L-7703	1	FRAME HEAD	6063-T5	-
2	L-8701	1	FRAME SILL	6063-T6	-
3	L-8703	1	FRAME JAMB VENT	6063-T5	-
4	L-7701	1	FRAME JAMB FIXED	6063-T5	-
5	L-7704	1/ VENT	FIXED RAIL	6063-T6	-
6	L-7705	1/ VENT	VENT MEETING RAIL	6063-T6	-
7	L-7707	2/ VENT	TOP AND BOTTOM RAIL	6063-T6	-
8	L-7706	1/ VENT	JAMB STILE	6063-T5	-
9	L-7708	AS REQD.	GLAZING BEAD	6063-T5	-
10	L-8702	1	SILL TRACK INSERT	6063-T5	-
11	L-8705	1	SILL RETAINING CLIP, 3-1/4" LONG	6063-T5	BELOW FIX. MTG. RAIL
12	L-7539	2/ VENT	VENT LATCH	6063-T6	AT 8" FROM ENDS
13	L-7523	1/ LATCH	VENT LATCH SPRING	ST. STEEL	-
14	L-8706	1	SILL RISER ADAPTER	6063-T5	OPTIONAL
15	FS-006	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	-	#8 X 3/4" P.H. PHILLIPS SMS
16	-	2	FIX. RAIL SILL SCREWS (SILL END)	-	#8 X 2-1/2" P.H. PHILLIPS SMS
17	L-7531	AS REQD.	VENT JAMB RAIL W'STRIPPING	VINYL	1/4" DIA. BULB
18	PWS-003	AS REQD.	FIN SEAL WEATHERSTRIPPING	-	.187" X .210" (7820-6001-9)
19	PWS-005	AS REQD.	FIN SEAL WEATHERSTRIPPING	-	.187" X .350" (7834-6001-7)
20	PWS-009	AS REQD.	FIN SEAL WEATHERSTRIPPING	-	.187" X .310" (7930-6001-9)
21	L-7718	AS REQD.	GLAZING BEAD GASKET	VINYL	#GV-010
22	HC-044-1	1/ WEEP	BAFFLE	NYLON	-
23	-	2/ BAFFLE	BAFFLE SCREW	-	#6 X 3/8" PH SMS
24	-	-	-	-	-
25	HC-040-1	2/ VENT	VENT ROLLER AND HOUSING	PLASTIC	AT EACH END



EXTERIOR  
WINDOW WIDTH

XO LAYOUT  
OX OPPOSITE

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

NOV 20 2006

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 06-0406-09  
Expiration Date 04/11/12  
By *[Signature]*  
Miami-Dade Product Control  
Division

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

HS-8700 ALUM HORIZ. SLIDING WINDOW  
**LAWSON INDUSTRIES**  
7030 N.W. 37 TH. COURT  
MIAMI, FL. 33147  
TEL. (305) 696-8660 FAX (305) 696-6006

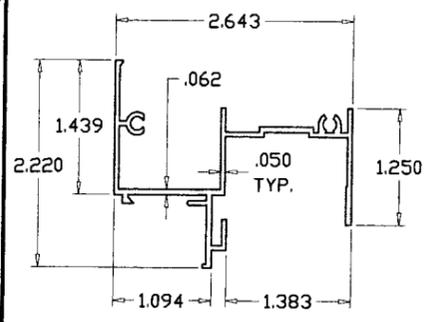
no	date	by	description
B	03.10.06		NO CHANGE THIS SHEET
C	11.16.06		REV. PER BCCO COMMENTS

date: 01-21-02  
scale: 1/2" = 1"  
dr. by: HAM/D  
chk. by:

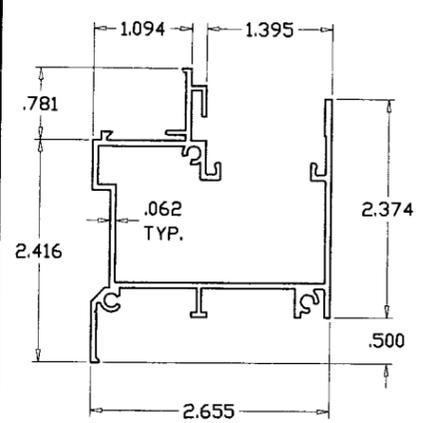
drawing no.  
**W02-07**

sheet 4 of 5

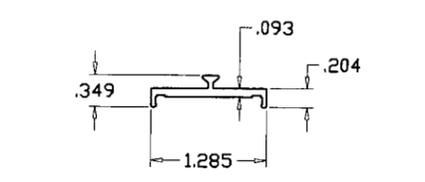
COMP-ANL\W02-07L



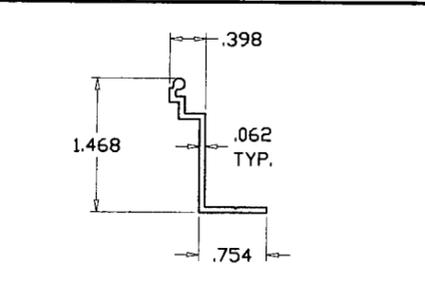
FRAME HEAD



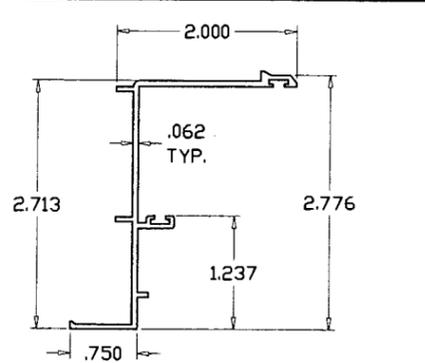
FRAME SILL



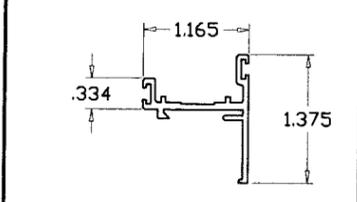
SILL TRACK



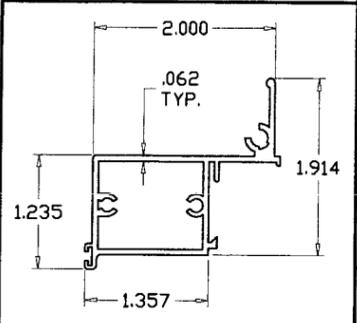
SILL RETAINING CLIP



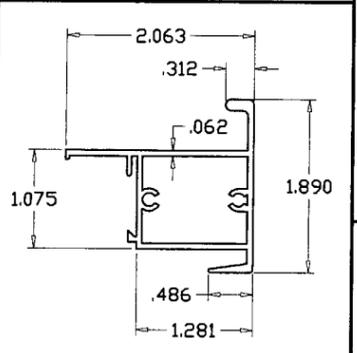
FRAME JAMB VENT



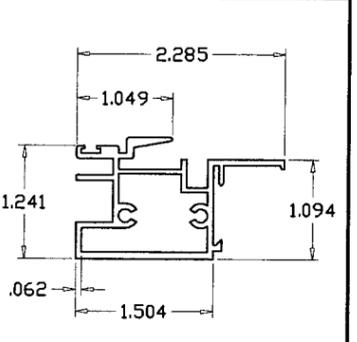
VENT TOP/BOTTOM RAIL



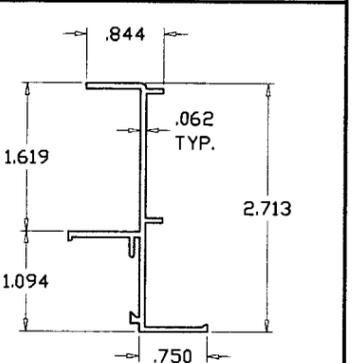
JAMB STILE



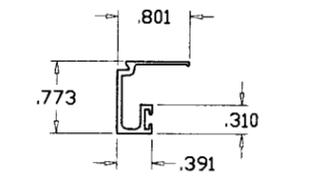
MEETING RAIL



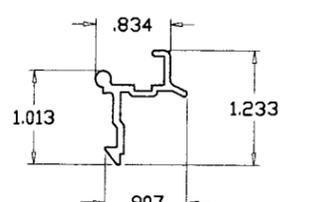
FIXED MTG. RAIL



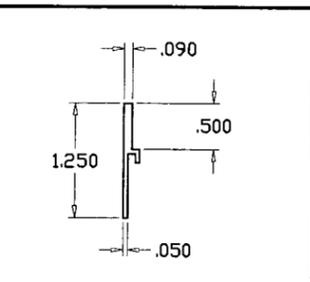
FRAME JAMB FIXED



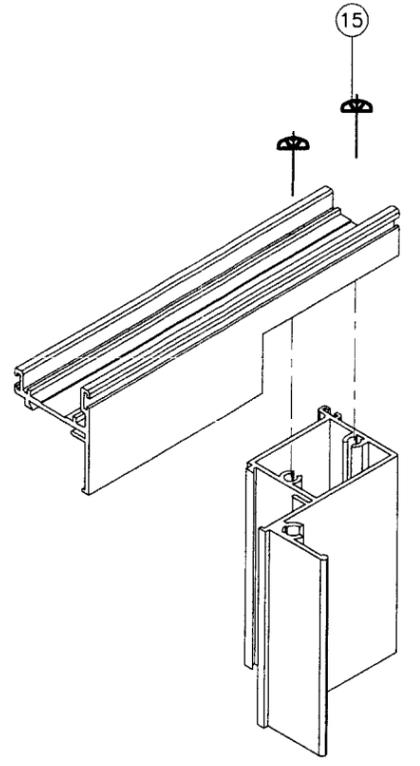
GLAZING BEAD



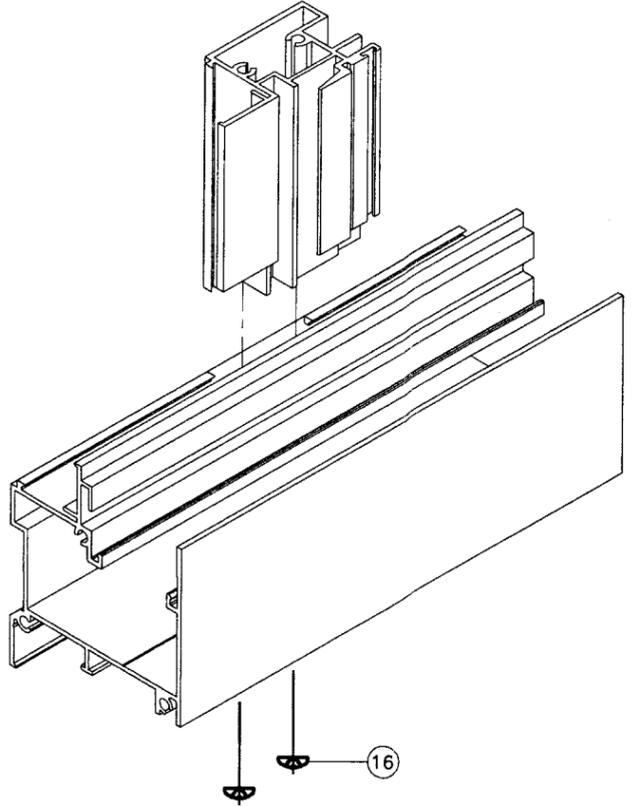
VENT LATCH



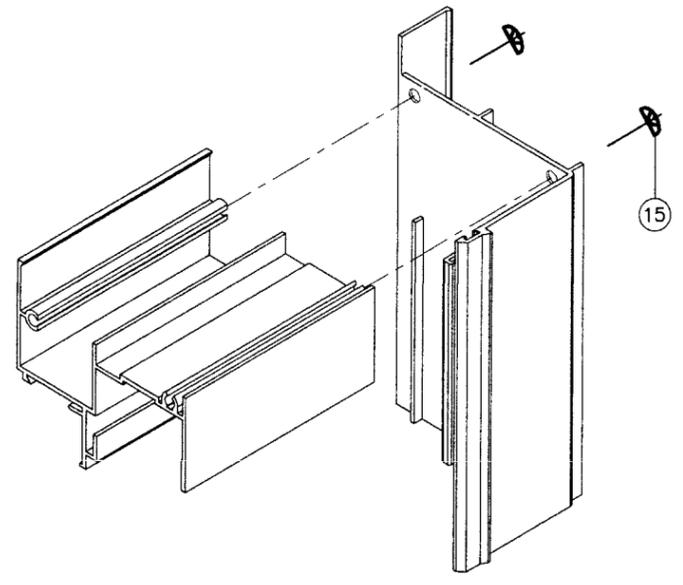
SILL RISER



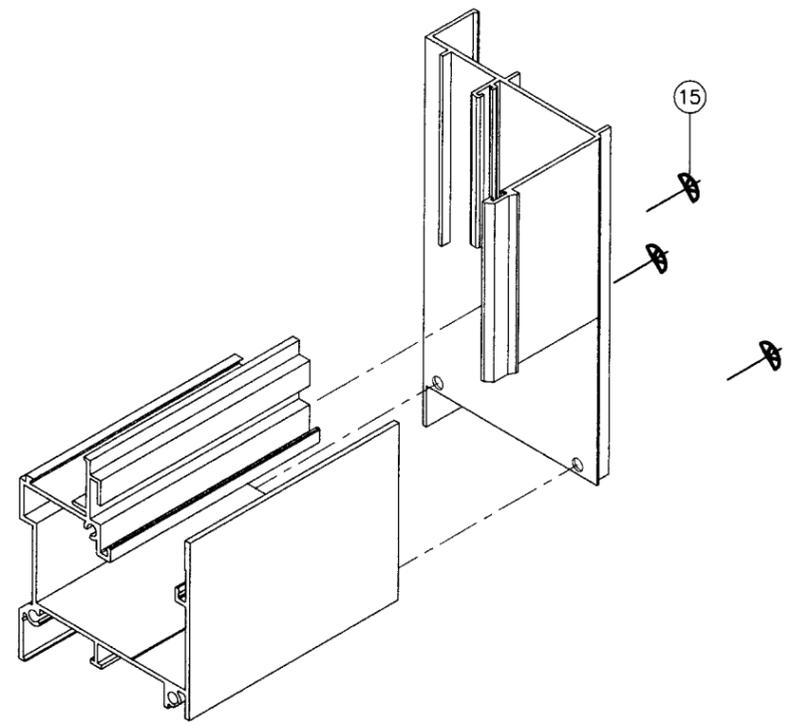
VENT TOP/BOTTOM CORNERS



FIXED MTG. RAIL CORNER



FRAME TOP CORNER



FRAME BOTTOM CORNER

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3536  
NOV 20 2006

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 06-0906.09  
Expiration Date 04/1/11  
By: *[Signature]*  
Miami Desk Product Control  
Division

**AL-FAROOQ CORPORATION**  
ENGINEERS, PLANNERS & PRODUCT DESIGN  
1235 SW 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W02-07LI

HS-8700 ALUM HORIZ. SLIDING WINDOW  
**LAWSON INDUSTRIES**  
7030 N.W. 37 TH. COURT  
MIAMI, FL. 33147  
TEL. (305) 696-8660 FAX (305) 696-6006

no	date	description
B	03.10.06	NO CHANGE THIS SHEET
C	11.16.06	NO CHANGE THIS SHEET

date: 01-21-02  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W02-07**  
sheet 5 of 5