



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
 PRODUCT CONTROL DIVISION

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

**NOTICE OF ACCEPTANCE (NOA)**

**Lawson Industries, Inc.**  
 8501 NW 90<sup>th</sup> Street  
 Miami, 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 9200 Aluminum Sliding Glass Door -LMI**

**APPROVAL DOCUMENT:** Drawing No. **W02-23**, titled "Series-9200 Aluminum Sliding Glass Door (LMI), sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, dated 03/18/02 and last revised on Oct. 20, 2006, signed and sealed by Dr. Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large 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 # 02-1016.10** consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P. E.**



**NOA No 06-0406.06**  
**Expiration Date: June 13, 2007**  
**Approval Date: November 16, 2006**  
 Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- A. DRAWINGS** (transferred from file # **02-1016.10**)
1. Manufacturer's die drawings and sections.
  2. Drawing No. **W02-23**, titled "Series-9200 Aluminum Sliding Glass Door (LMI), sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, dated 03/18/02 and last revised on Oct. 20, 2006, signed and sealed by Humayoun Farooq, P.E.
- B. TESTS** (transferred from file # **02-1016.10**)
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 2411 3.2.1 and TAS 202-94
- Along with marked-up drawings and installation diagram of an Aluminum Sliding Glass Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-3078, dated 1/10/02, signed and sealed by Luis Figueredo, P.E., Test Reports No. Test Report No. FTL-3424, dated 04/18/02, Test Report No. FTL-3425, dated 04/29/02, Test Report No. FTL-3426, dated 04/26/02, FTL-3492, dated 06/20/02, Test report No. FTL-3493, dated 06/24/02 and Test Report No. FTL-3516, dated 07/12/02, all signed and sealed by James G. Worth, P.E.
- C. CALCULATIONS**
1. Anchor verification calculation, complying w/ FBC 2004, prepared by Al-Farooq Corporation dated 03-16-06 and last revised on Oct. 20, 2006, signed and sealed by Dr. Humayoun Farooq, P.E.
  2. Glazing complies with ASTM E-1300-98 & -02.
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **01-1204.01** issued to "E.I. DuPont DeNemours" for "Sentry Glass ® Plus" dated 01/17/02, expiring on 01/14/07.
  2. Notice of Acceptance No. **05-1208.02** issued to "E.I. DuPont DeNemours" for "Dupont Butacite ® PVB", expiring on 12/11/10.
  3. Notice of Acceptance No. **03-0827.08** issued to Solutia Inc. for "Solutia Interlayer" expiring on 03/04/2009.
  4. Notice of Acceptance No. **03-0415.13** issued to Solutia Inc. for "Saflex HP" expiring on 04/14/2008.
- F. STATEMENTS**
1. Statement letter of compliance w/FBC-2004, signed by Dr. Humayoun Farooq, P.E.
  2. Statement letter of compliance and of no financial interest, dated 03/16/06, signed and sealed by Dr. Humayoun Farooq, P.E.
  3. Lab compliance statements, part of above referenced test reports.
- G. OTHER**
1. This NOA revises # **02-1016.10** expiring June 13, 2007

*Ishaq I. Chanda*  
\_\_\_\_\_  
Ishaq I. Chanda, P. E.  
Product Control Examiner  
NOA No 06-0406.06  
Expiration Date: June 13, 2007  
Approval Date: November 16, 2006

DESIGN LOAD CAPACITY - PSF (STD. SILL)									
NOMINAL DOOR SIZES WIDTH FT./IN.	NOMINAL DOOR SIZES HEIGHT FT./IN.	GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLASS TYPE 'D'	
		EXT. (+)	INT. (-)						
6/0 (NO STEEL)	6/8	56.7	95.0	56.7	65.0	56.7	85.0	56.7	75.0
8/0 (WITH STEEL)	6/8	56.7	85.0	56.7	70.0	56.7	78.8	56.7	68.8
8/0 (WITH STEEL)	8/0	56.7	65.0	56.7	65.0	X	X	X	X

DESIGN LOAD CAPACITY - PSF (WITH SILL RISER)									
NOMINAL DOOR SIZES WIDTH FT./IN.	NOMINAL DOOR SIZES HEIGHT FT./IN.	GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLASS TYPE 'D'	
		EXT. (+)	INT. (-)						
6/0 (NO STEEL)	6/8	76.7	95.0	65.0	65.0	76.7	85.0	75.0	75.0
8/0 (WITH STEEL)	6/8	76.7	85.0	70.0	70.0	76.7	78.8	68.8	68.8
8/0 (WITH STEEL)	8/0	65.0	65.0	65.0	65.0	X	X	X	X

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

**SGD-9200 ALUMINUM SLIDING GLASS DOOR**

DESIGN LOAD RATING FOR THESE DOORS TO BE AS PER CHARTS  
SHOWN ABOVE.

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

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

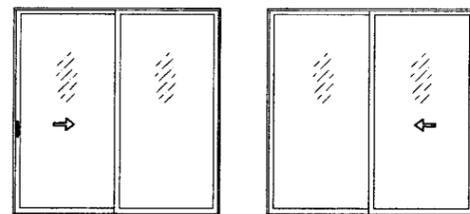
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS  
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS  
ARE NOT PART OF THIS APPROVAL.

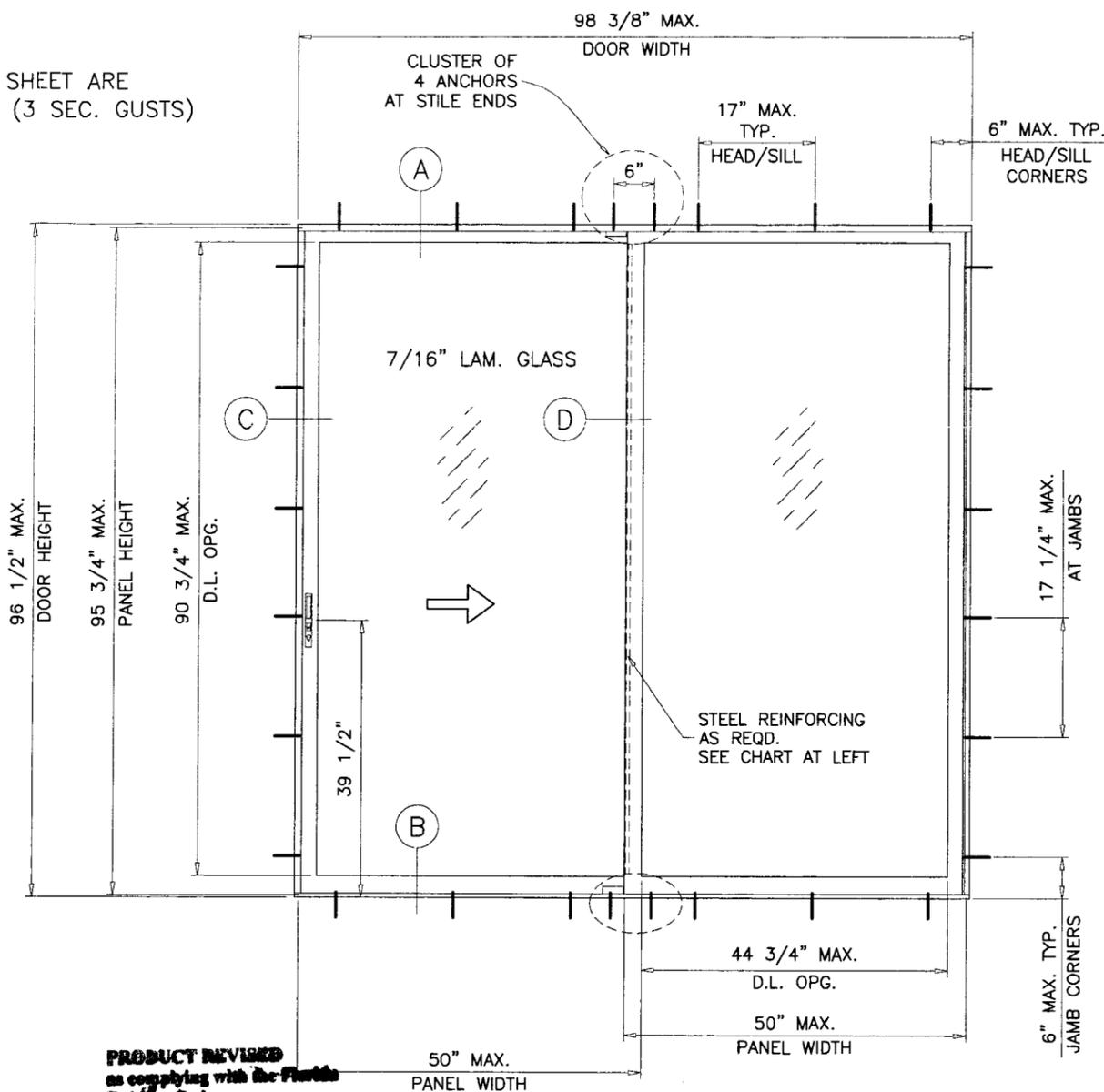
A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF  
ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO  
CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS  
OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.

MAX. D.L.O.:  
6/0 X 6/8 = 32-3/4" X 74-3/4"  
8/0 X 6/8 = 44-3/4" X 74-3/4"  
8/0 X 8/0 = 44-3/4" X 90-3/4"



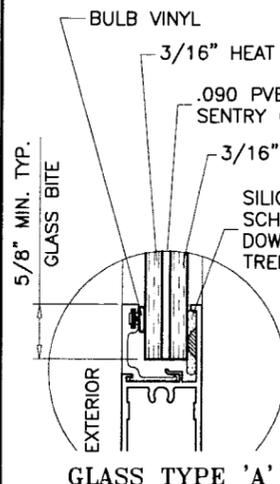
XO OX  
**APPROVED CONFIGURATIONS**



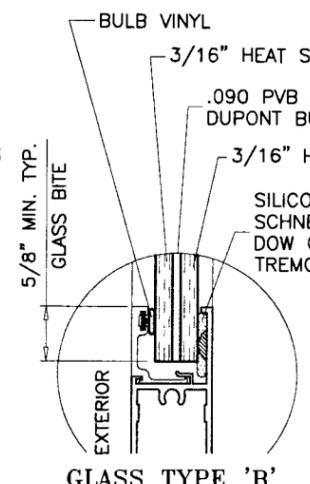
**PRODUCT REVIEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 06-0406-06  
Expiration Date: JUNE 13, 2007  
By: Ishak J. Chandra  
Special Dist. Product Control  
Division

**TYPICAL ELEVATION  
TESTED UNIT**

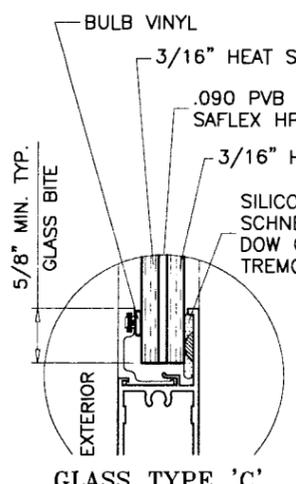
DOORS GLAZED WITH LAMINATED GLASS RATED FOR  
LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS.



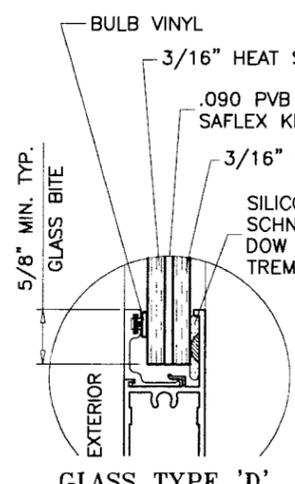
**GLASS TYPE 'A'**



**GLASS TYPE 'B'**



**GLASS TYPE 'C'**



**GLASS TYPE 'D'**

**LAMINATED GLASS  
LARGE MISSILE IMPACT**

Engr. DR. HUMAYOUN FAROOQ  
STRUCTURES  
FLA. PE # 16557  
C.A.N. 3538  
10/2

**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\W02-23L

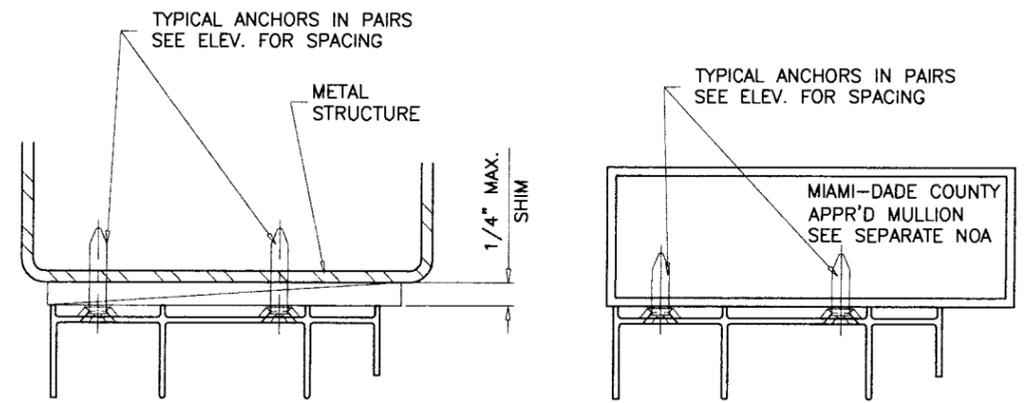
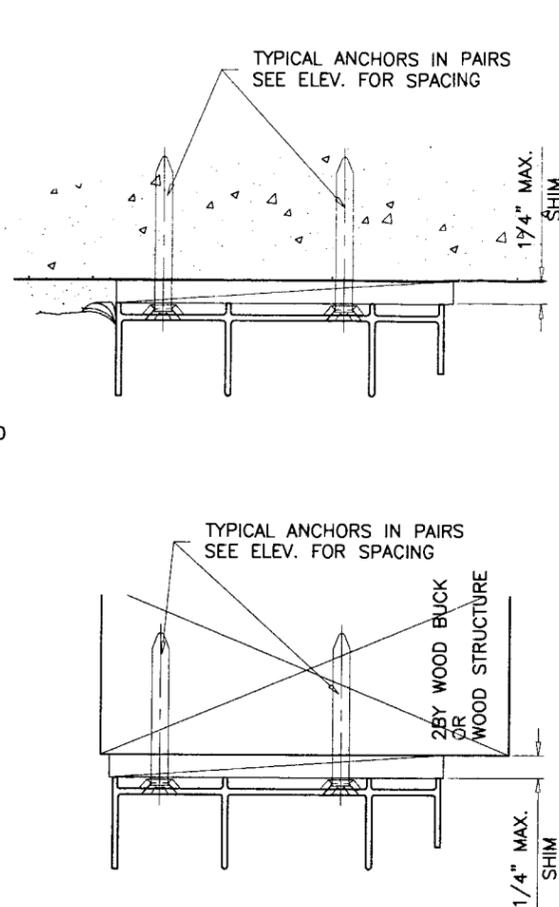
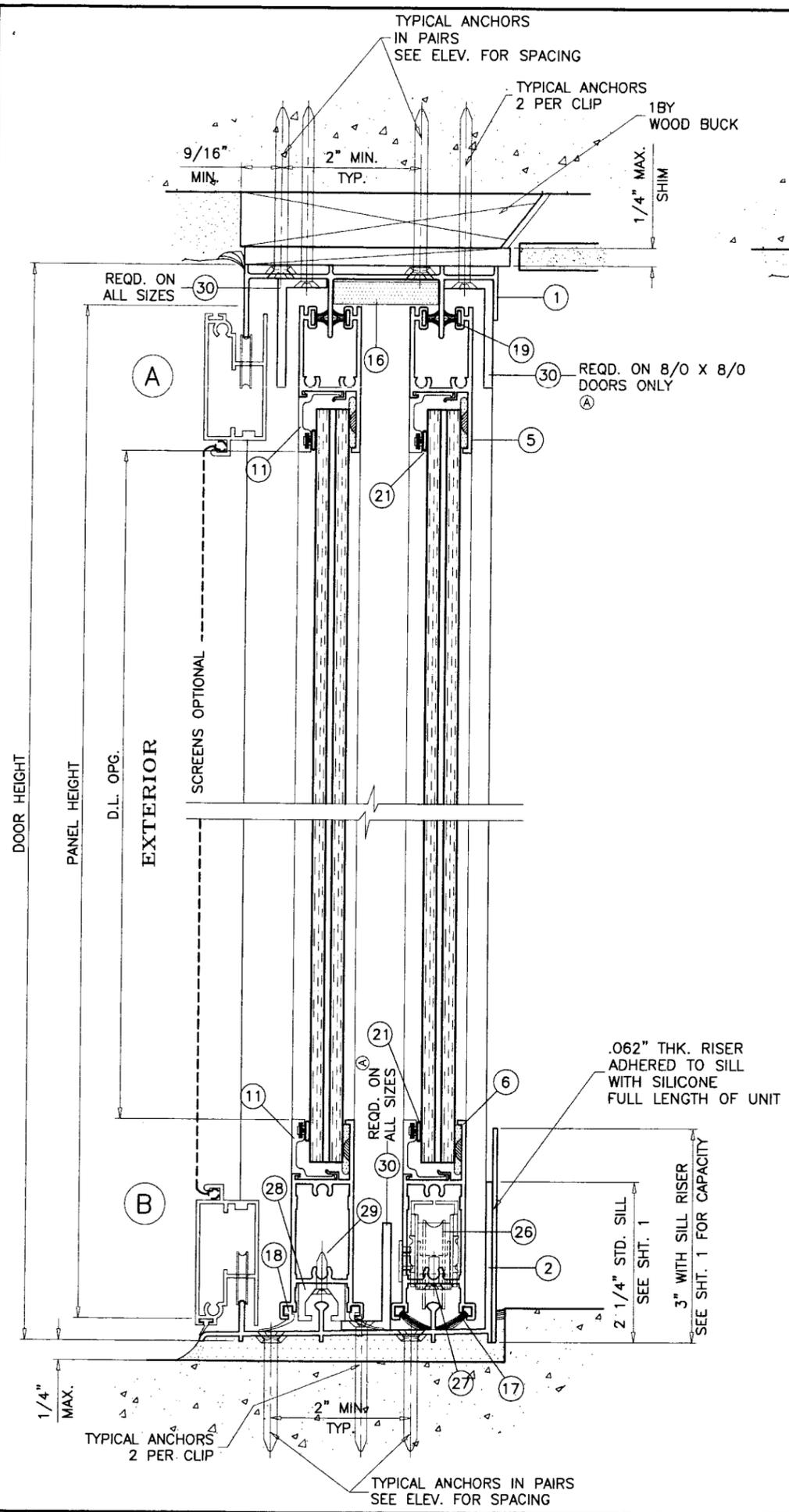
SGD-9200 ALUM. SLIDING GLASS DOOR (L.M.I.)  
**LAWSON INDUSTRIES INC.**  
8501 N.W. 90 STREET  
MEDLEY, FL. 33166  
TEL. (305) 696-8660 FAX (305) 696-6006

no	date	description
A	09.19.02	GLASS TYPES B, C & D ADD.
B	03.16.06	UPDATED FOR 2004 FBC
C	10.17.06	REV. PER BCCO COMMENTS

revisions:

date: 03-18-02  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W02-23**  
sheet 1 of 4



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

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

- 1/4" DIA TAPCONS**
- INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
- 1-3/8" MIN. PENETRATION INTO WOOD
- THRU 1BY WOOD BUCKS INTO MASONRY OR CONC.
- 1-1/4" MIN. EMBED INTO MASONRY OR CONC.
- DIRECTLY INTO CONCRETE OR MASONRY
- 1-1/4" MIN. EMBED INTO CONCRETE OR MASONRY

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

- #10 SMS**
- INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
- (NO SHIM SPACE)

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

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

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No. 060406-06  
Expiration Date June 12, 2007  
By Shah J. Lhanda  
Miami Dade Product Control Division

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

*1/21 2 11 2006*

**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\W02-23LI

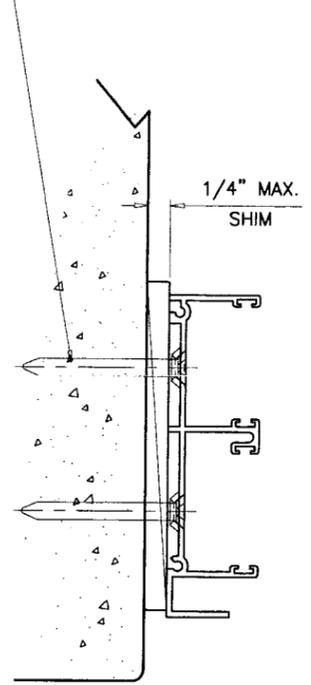
SGD-9200 ALUM. SLIDING GLASS DOOR (L.M.I.)  
**LAWSON INDUSTRIES INC.**  
8501 N.W. 90 STREET  
MEDLEY, FL. 33166  
TEL. (305) 696-8660 FAX (305) 696-6006

no	date	by	description
A	09.19.02	#30	NOTE ADD. GLASS DTL. MOV.
B	03.16.06		UPDATED FOR 2004 FBC
C	10.17.06		REV. PER BCCO COMMENTS

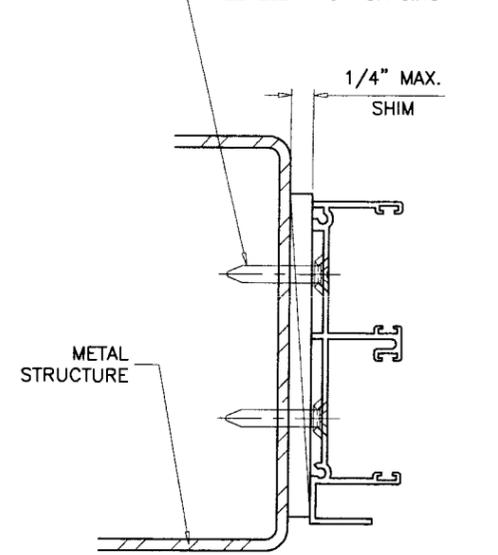
date: 03-18-02  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W02-23**  
sheet 2 of 4

TYPICAL ANCHORS IN PAIRS  
SEE ELEV. FOR SPACING

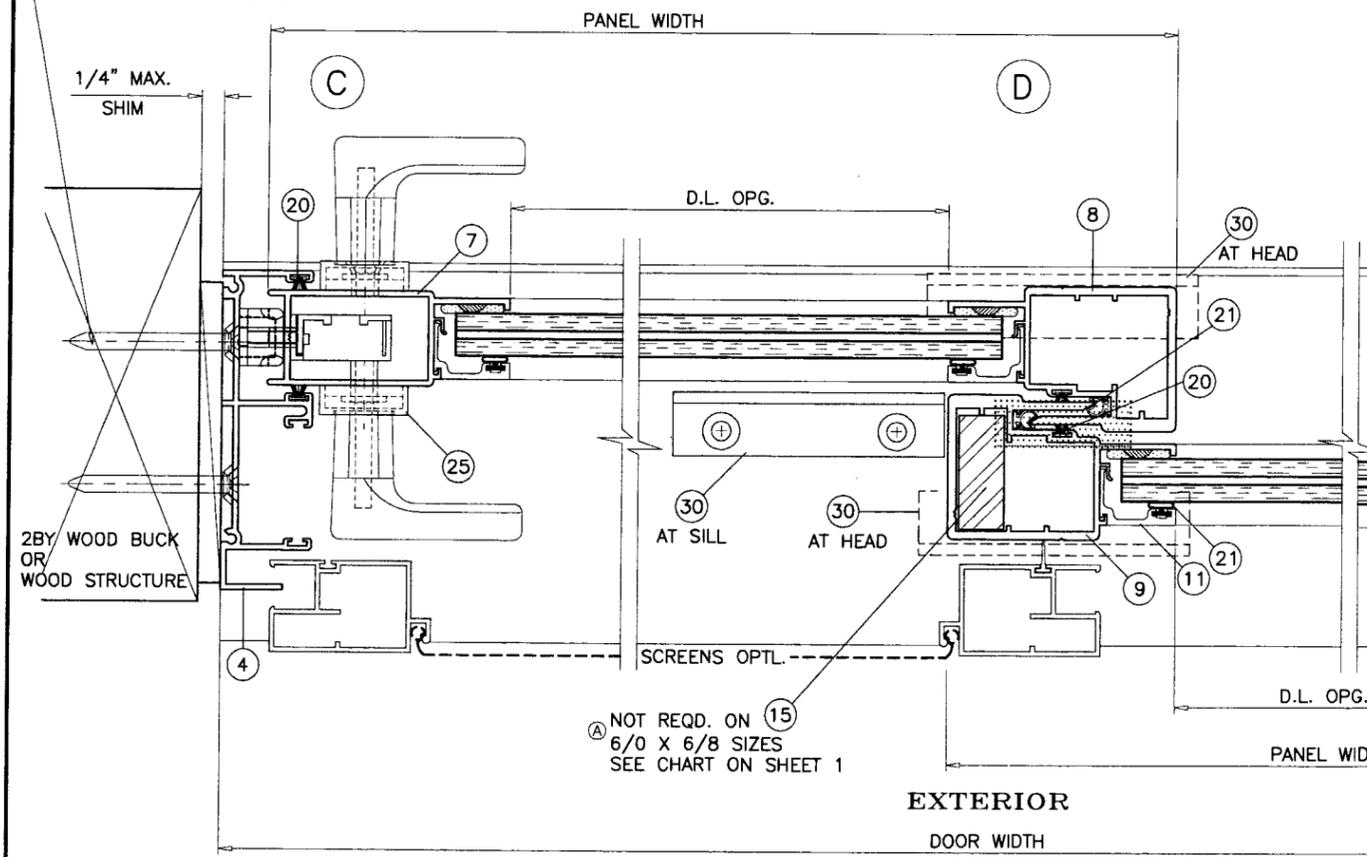


TYPICAL ANCHORS IN PAIRS  
SEE ELEV. FOR SPACING



ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	L-9001	1	FRAME HEAD	6063-T6	ALUMAX/WELLS
2	L-9206	1	FRAME SILL - 1 3/4" HI	6063-T6	ALUMAX/WELLS
3	-	-	-	-	-
4	L-9212	2	FLANGE FRAME JAMB	6063-T5	-
5	L-9204	1	PANEL TOP RAIL	6063-T5	-
6	L-9205	1	PANEL BOTTOM RAIL	6063-T5	-
7	L-9201	1	PANEL LOCK STILE	6063-T6	-
8	L-9202	1	PANEL INTERIOR INTERLOCK	6063-T6	-
9	L-9203	1	PANEL EXTERIOR INTERLOCK	6063-T6	-
10	L-9201	1	PANEL FIXED STILE	6063-T6	-
11	L-9209	AS REQ'D.	ALUMINUM GLAZING BEAD	6063-T5	-
12	FS-005	AS REQ'D.	FRAME ASSEMBLY SCREWS	-	#6 X 1/2" P.H. PHILLIPS
13	FS-013	AS REQ'D.	PANEL ASSEMBLY SCREWS	-	#10 X 1" P.H. PHILLIPS
14	-	-	-	-	-
15	AR-020	1	HOT ROLLED STEEL BAR	-	1/2" X 1 1/4"
16	L-9016	1	SELF ADHESIVE PILE PAD	-	13/16" X 1 1/2"
17	PWS-016	AS REQ'D.	MVG. BOTTOM RAIL WTS'P	-	ULTRAFAB #QB6757DK
18	VWS-016	AS REQ'D.	FXD. BOTTOM RAIL WTS'P	-	VINYL FLAP #WV-2087
19	PWS-009	AS REQ'D.	PANEL TOP RAIL WTS'P	-	.187"x.310" (7830-6001-1)
20	PWS-003	AS REQ'D.	FIN SEAL WEATHERSTRIP	-	.187"x.210" (7820-6001-9)
21	VWS-004	AS REQ'D.	BULB WTS'P.	VINYL	1/4" O.D.
22	HC-043	2X PANEL	PANEL TOP GUIDE	NYLON	-
23	L-9018	4/ FIX. PANEL	FIXED PANEL JAMB CLIP	6063-T5	-
24	FS-011	1 X CLIP	FIXED PANEL CLIP SCREW	-	#10 X 5/8" P.H./PHIL.
25	HC-047	1	MORTISE LOCK HARDWARE	-	W/ HANDLES & KEEPER
26	HC-046	2	MVG. PANEL TANDEM ROLLER	-	2 X EA. MVG. BOT. RAIL
27	FS-003	2	ROLLER ATTACHMENT SCREW	-	#8 X 1/2" F.H./PHIL.
28	AR-008	2	FXD. PANEL "C" TRACK CLIP	-	2 X EA. FXD. BOT. RAIL
29	FS-042	AS REQD.	"C" TRACK ATTACHMENT SCREW	-	#10 X 1" F.H./PHIL.
30	AR-009	3	ANGLE CLIP	ALUMINUM	.704" X 1.50" X 125" X 3"

TYPICAL ANCHORS IN PAIRS  
SEE ELEV. FOR SPACING



1/4" SHIM  
MAX.

TYPICAL ANCHORS IN PAIRS  
SEE ELEV. FOR SPACING

1 9/16" MIN.  
TYP.

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No 06-0406-06  
Expiration Date June 13, 2007  
By Ishag I. Chank  
Signed Date Product Control  
Division

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

10/2/2006

**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\W02-23U

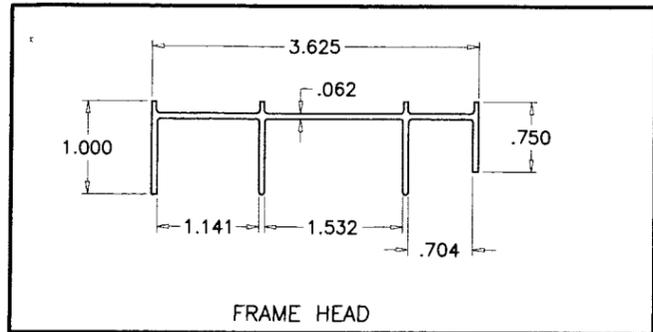
SGD-9200 ALUM. SLIDING GLASS DOOR (L.M.I.)  
**LAWSON INDUSTRIES INC.**  
8501 N.W. 90 STREET  
MEDLEY, FL. 33166  
TEL. (305) 696-8660 FAX (305) 696-6006

no	date	by	description
A	09.19.02	REIN.	NOTE ADD.
B	03.16.06	UPDATED	FOR 2004 FBC
C	10.17.06	REV. PER	BCCO COMMENTS

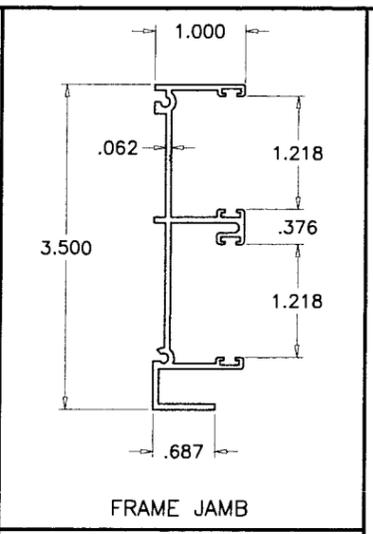
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dr. by: HAMID  
chk. by:

drawing no.  
**W02-23**

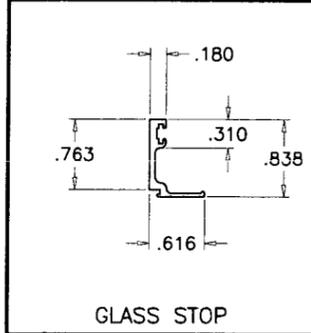
sheet 3 of 4



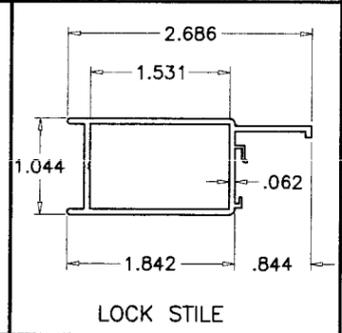
FRAME HEAD



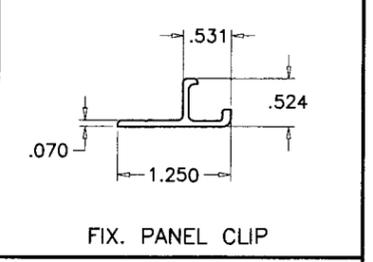
FRAME JAMB



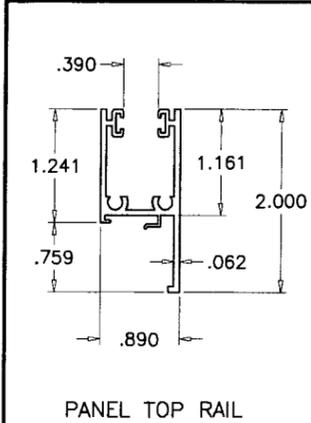
GLASS STOP



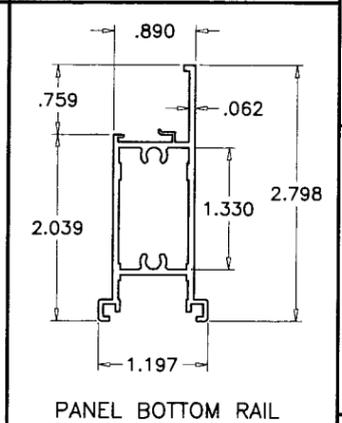
LOCK STILE



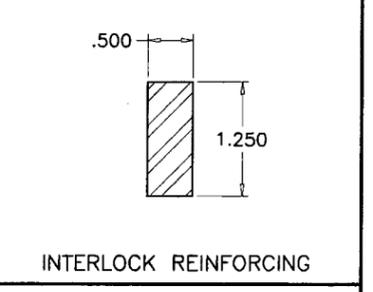
FIX. PANEL CLIP



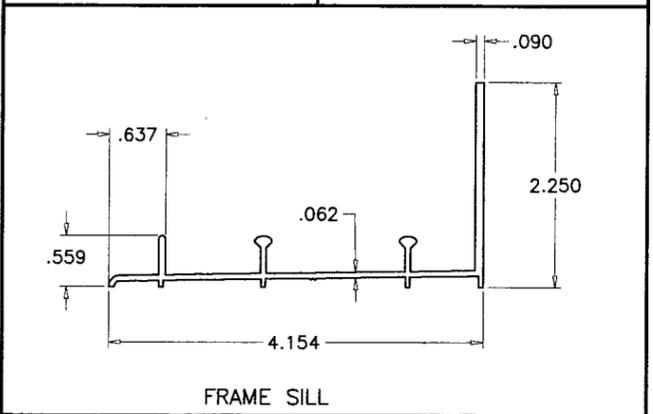
PANEL TOP RAIL



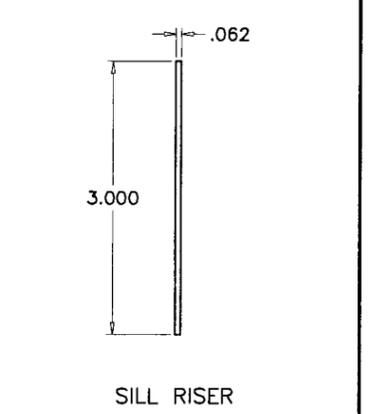
PANEL BOTTOM RAIL



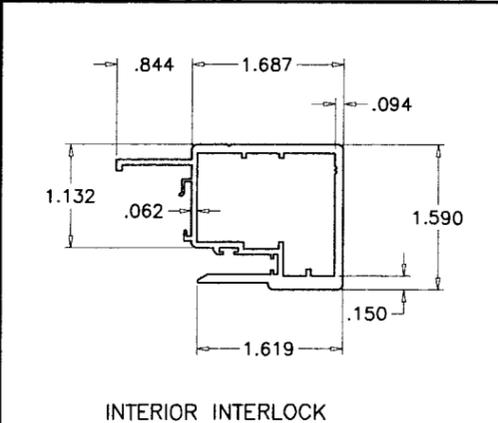
INTERLOCK REINFORCING



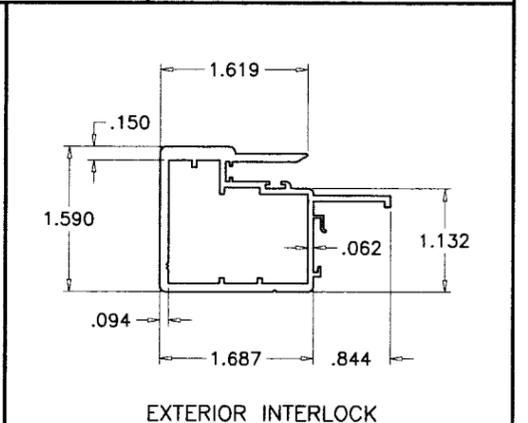
FRAME SILL



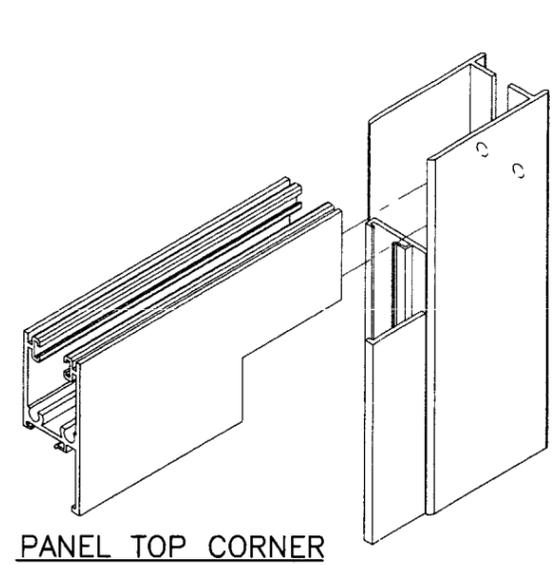
SILL RISER



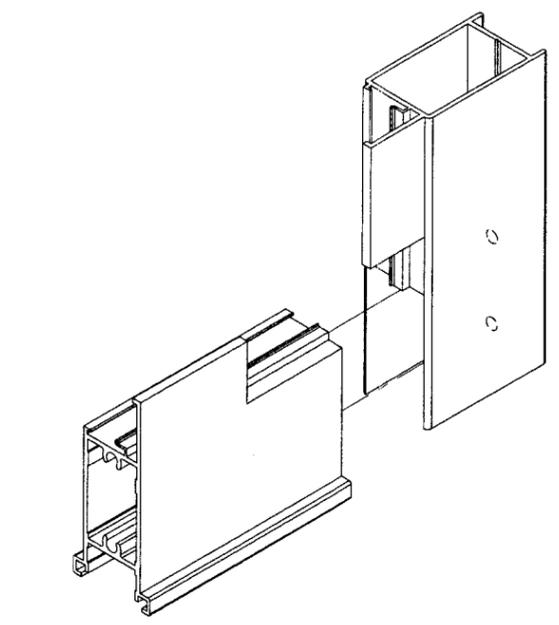
INTERIOR INTERLOCK



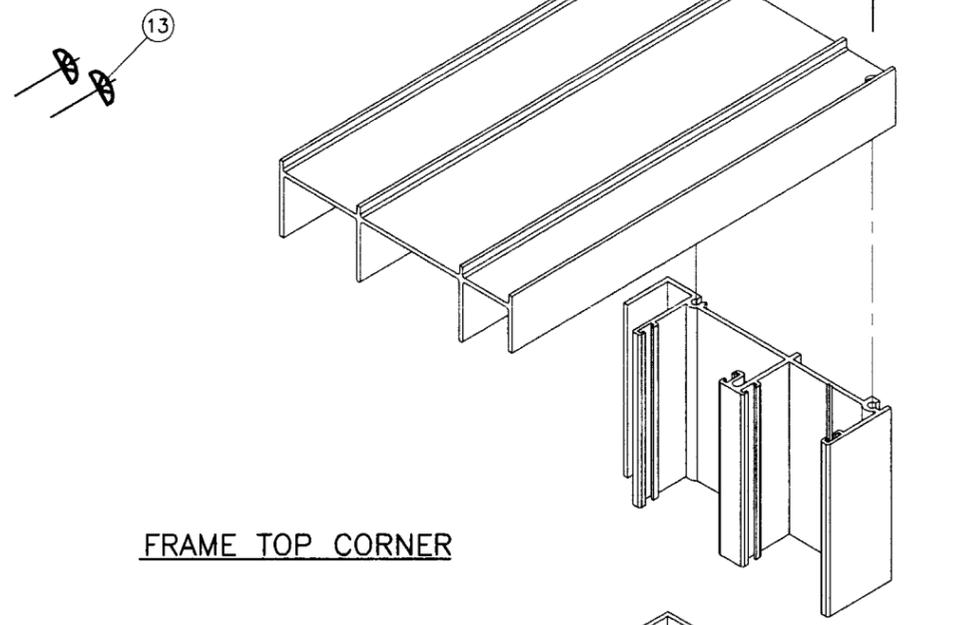
EXTERIOR INTERLOCK



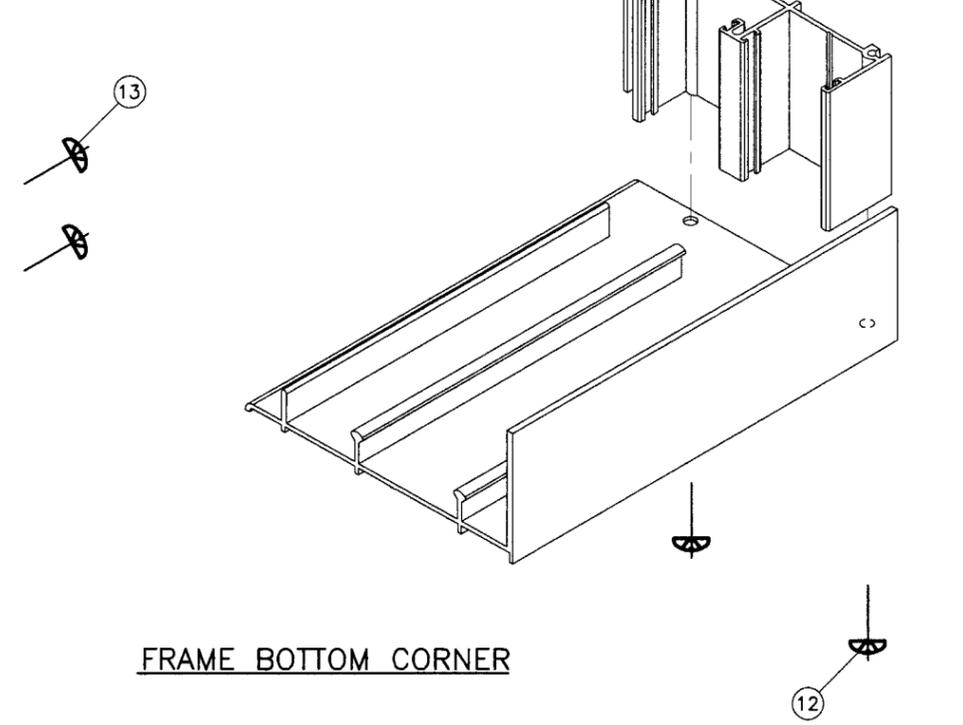
PANEL TOP CORNER



PANEL BOTTOM CORNER



FRAME TOP CORNER



FRAME BOTTOM CORNER

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 206-0406-06  
 Expiration Date JUNE 15, 2007  
 By Iskhan J. Chaudhry  
 Miami Door Product Control  
 Division

Engr. DR. HUMAYOUN FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538  
 OCT 20 2005

**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\W02-23LI

SGD-9200 ALUM. SLIDING GLASS DOOR (L.M.I.)  
**LAWSON INDUSTRIES INC.**  
 8501 N.W. 90 STREET  
 MEDLEY, FL. 33166  
 TEL. (305) 696-8660 FAX (305) 696-6006

no	date	description
A	09.19.02	NO CHANGE
B	03.16.06	NO CHANGE THIS SHEET
C	10.17.06	REV. PER BCCO COMMENTS

date: 03-18-02  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W02-23**  
 sheet 4 of 4