



**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**

NOTICE OF ACCEPTANCE (NOA)

**Lawson Industries, Inc.
8501 N.W. 90th Street
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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "SGD-9200" Aluminum Sliding Glass Door

APPROVAL DOCUMENT: Drawing No. W02-100, titled "SGD-9200 Alum. Sliding Glass Door (Impact)", sheets 1 through 5 of 5, prepared by Al Farooq Corporation, dated 10/21/02, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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 consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**



**NOA No 02-1126.04
Expiration Date: February 13, 2008
Approval Date: February 13, 2003
Page 1**

Lawson Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W02-100**, titled "SGD-9200 Alum. Sliding Glass Door (Impact)", sheets 1 through 5 of 5, prepared by Al Farooq Corporation, dated 10/21/02, 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 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of a aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL 02056**, dated 8/23/02, signed and sealed by Joseph Chan, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, prepared by prepared by Al Farooq Corporation, dated 10/18/02, signed and sealed by Humayoun Farooq, P.E.

D. MATERIAL CERTIFICATIONS

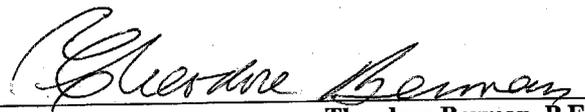
1. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for "Sentry Glass Plus" dated 1/17/02, expiring on 1/14/07.

E. STATEMENTS

1. None

F. OTHER

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



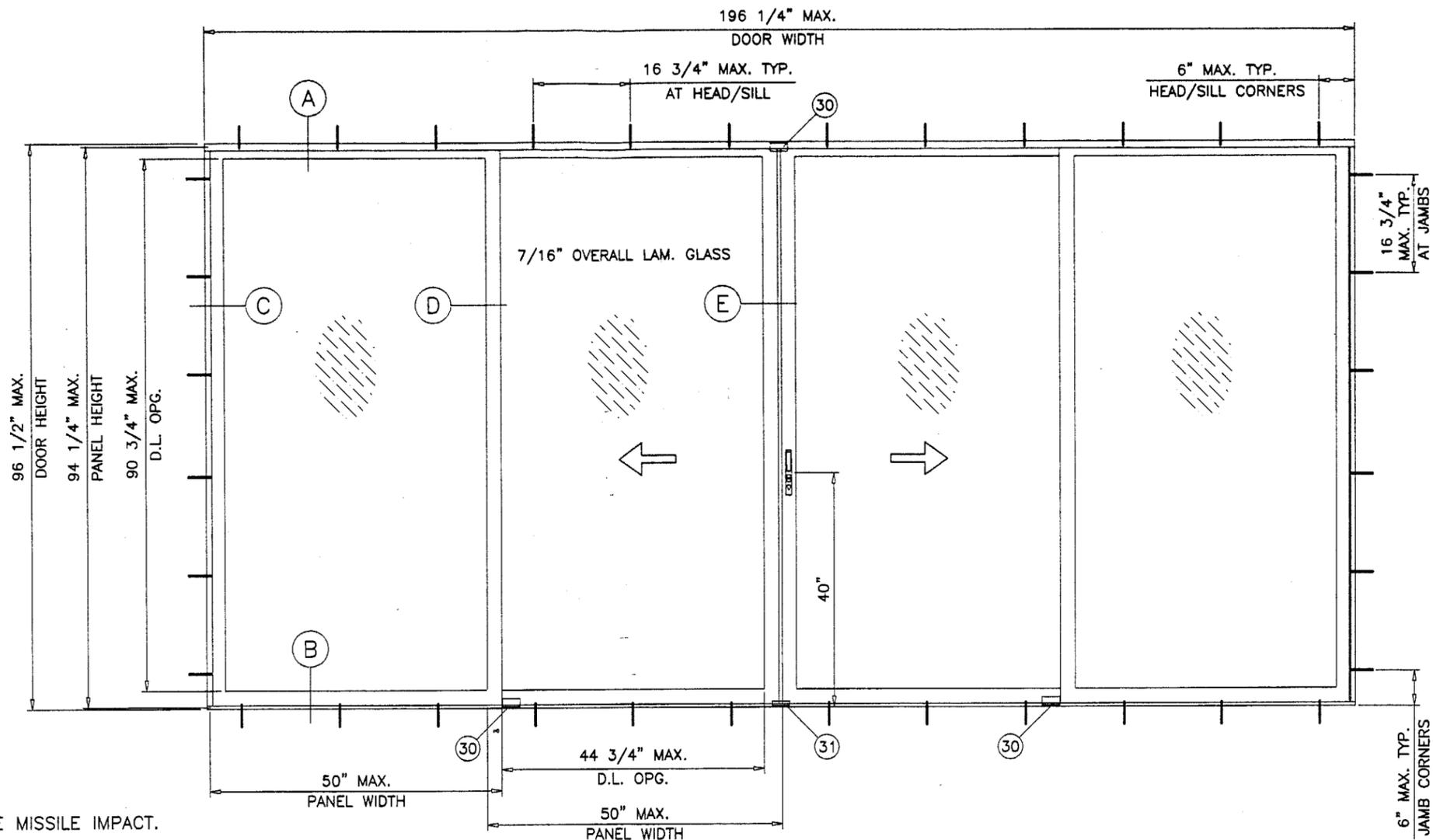
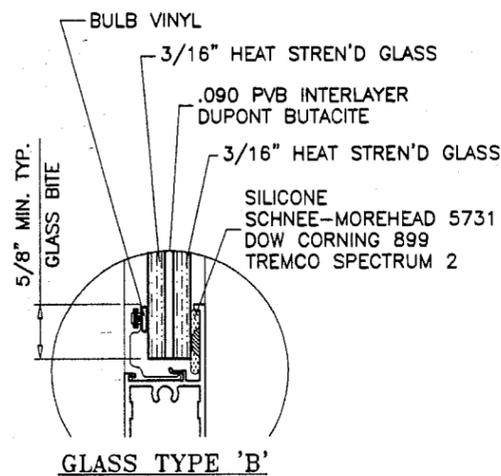
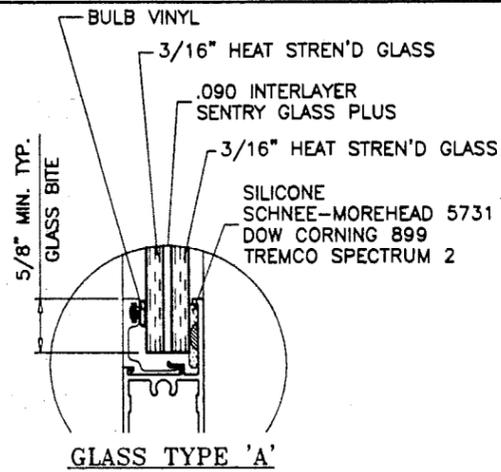
Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 02-1126.04

Expiration Date: February 13, 2008

Approval Date: February 13, 2003



SGD-9200 ALUMINUM SLIDING GLASS DOOR

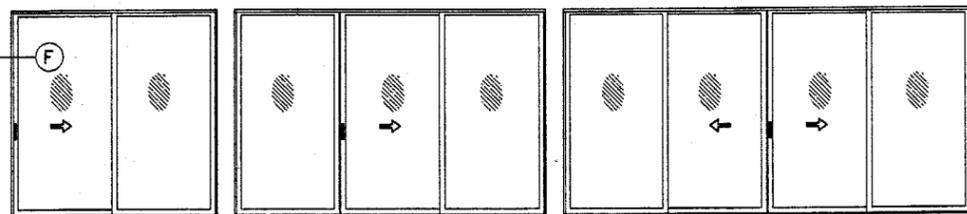
DOORS GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED. DESIGN LOAD RATING FOR THESE DOORS TO BE AS PER CHART SHOWN.

THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE. ALSO FOR WIND LOADS AS PER ASCE 7-88, ASCE 7-93, ASCE 7-95 OR ASCE 7-98 AS REQUIRED BY PREVAILING BUILDING CODE.

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

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR 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.



APPROVED CONFIGURATIONS

TWO TRACK FRAME DOOR CONFIGURATIONS OF MORE THAN FOUR PANELS USING STILE COMBINATIONS SHOWN IN THESE DETAILS MAY ALSO BE APPROVED (EXAMPLE OOXOO).

DESIGN LOAD CAPACITY - PSF GLASS TYPES 'A' OR 'B'							
PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	STANDARD SILL		2-1/4" RISER		3" RISER	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
2/6	6/8	40.7	60.0	56.7	60.0	60.0	60.0
3/0		40.7	60.0	56.7	60.0	60.0	60.0
3/6		40.7	60.0	56.7	60.0	60.0	60.0
4/0		40.7	60.0	56.7	60.0	60.0	60.0
4/6		40.7	60.0	56.7	60.0	60.0	60.0
4/11		40.7	60.0	56.7	60.0	60.0	60.0
2/6	8/0	40.7	60.0	56.7	60.0	60.0	60.0
3/0		40.7	60.0	56.7	60.0	60.0	60.0
3/6		40.7	60.0	56.7	60.0	60.0	60.0
4/0		40.7	60.0	56.7	60.0	60.0	60.0

Approved as complying with the Florida Building Code
 Date 02/13/03
 NOA# 02-1126-04
 Miami Dade Product Control
 Division
 B: *George Corman*

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557

NOV 06 2002

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W02-100L

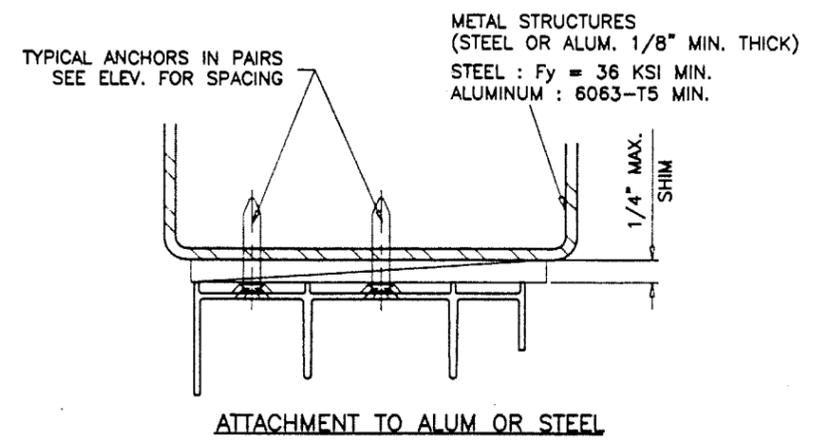
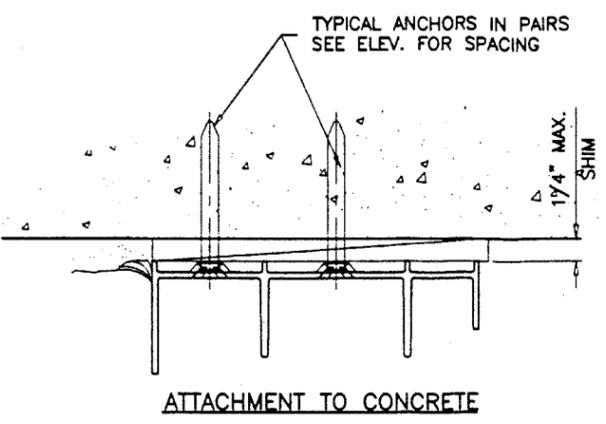
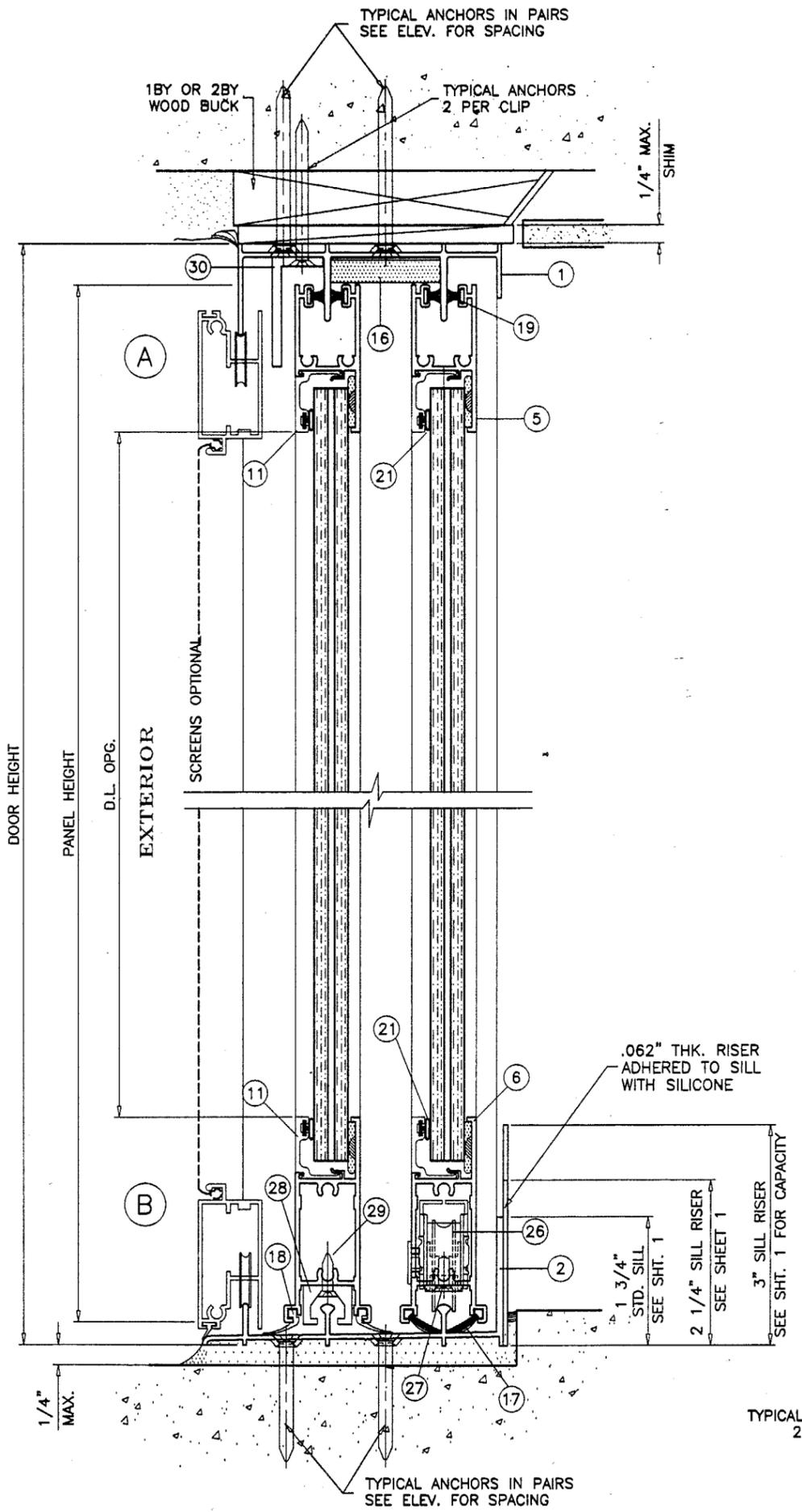
LAWSON INDUSTRIES INC.
 8501 N.W. 90 STREET
 MEDLEY, FL. 33166
 TEL. (305) 696-8660 FAX (305) 696-6006

SGD-9200 ALUM. SLIDING GLASS DOOR (IMPACT)

revisions:
 no date by description

date: 10-21-02
 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W02-100
 sheet 1 of 5



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

TYPICAL ANCHORS: SEE ELEV./CHART FOR SPACING

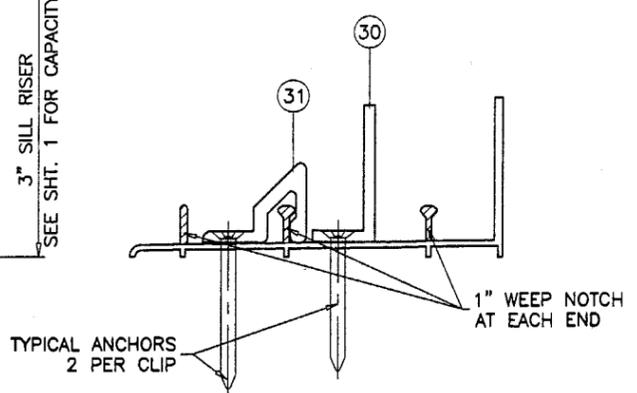
3/16" TAPCONS
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 1-3/8" MIN. PENETRATION INTO WOOD
 THRU 1BY WOOD BUCKS INTO MASONRY OR CONC.
 1-1/2" MIN. EMBED INTO MASONRY OR CONC.
 DIRECTLY INTO CONCRETE
 1-1/2" MIN. EMBED INTO CONCRETE

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

#10 SMS
 INTO APPROVED MULLIONS (NO SHIM SPACE)

SEALANTS:

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



Approved as complying with the
 Florida Building Code
 Date 02/13/03
 NOA# 02-112604
 Miami Dade Product Control
 Division
 By *Cherodee Berman*

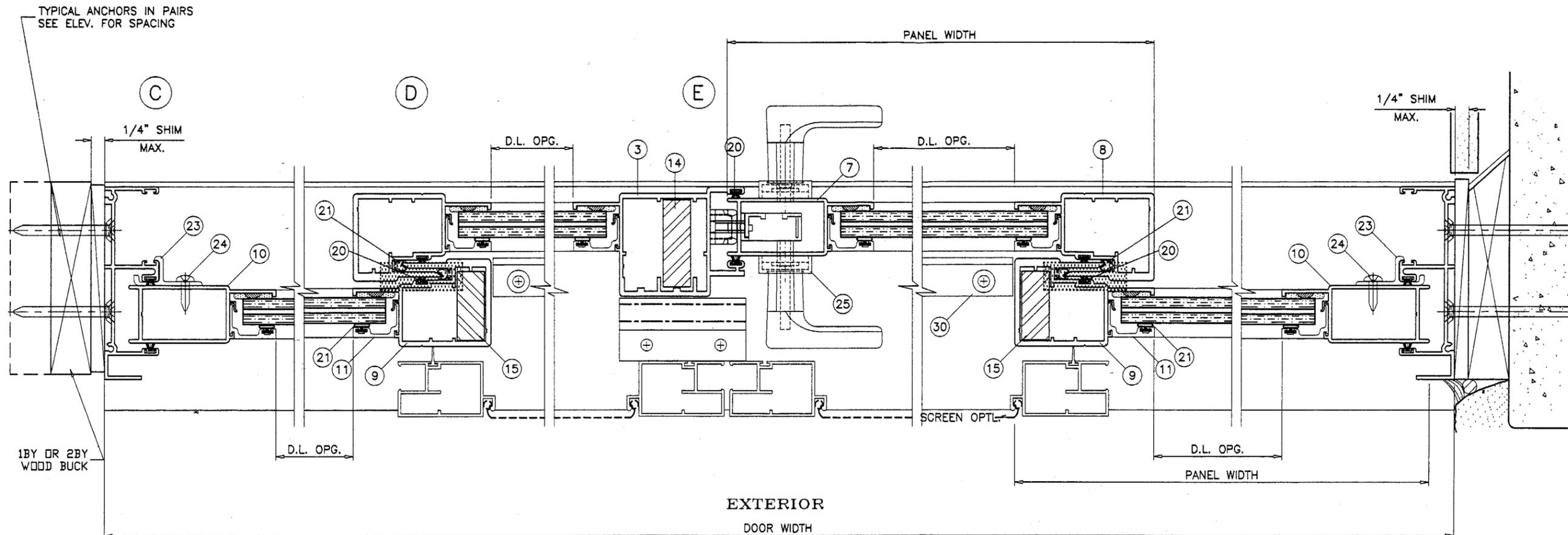
Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 NOV 06 2002

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W02-100LJ

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

revisions:	no	date	by	description

date: 10-21-02
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:
 drawing no.
W02-100
 sheet 2 of 5



Approved as complying with the
 Florida Building Code
 Date 02/13/03
 NOAH 02-1126.04
 Miami Dade Product Control
 Division
 By Edward Berman

Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 16557
 NOV 06 2002

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\W02-100LI

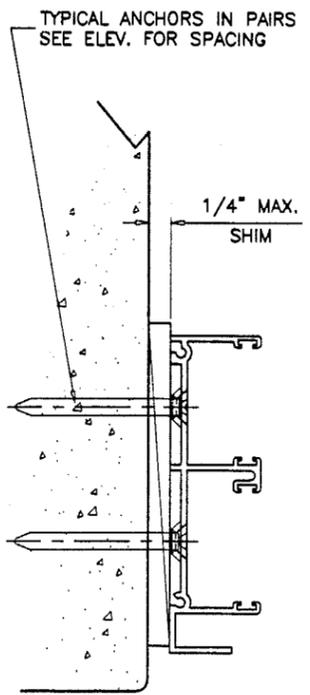
SGD-9200 ALUM. SLIDING GLASS DOOR (IMPACT)
LAWSON INDUSTRIES INC.
 8501 N.W. 90 STREET
 MEDLEY, FL. 33166
 TEL. (305) 696-8660 FAX (305) 696-6006

revisions:

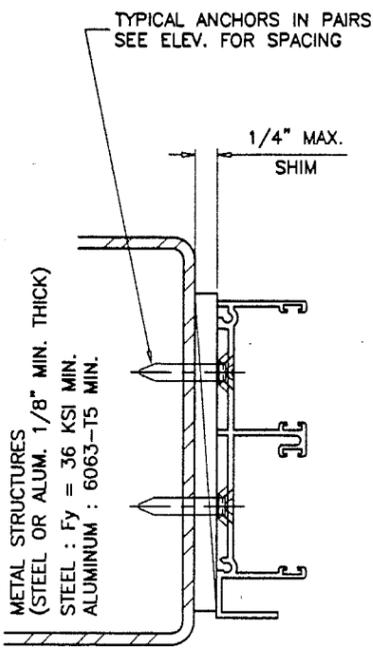
no	date	by	description

date: 10-21-02
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

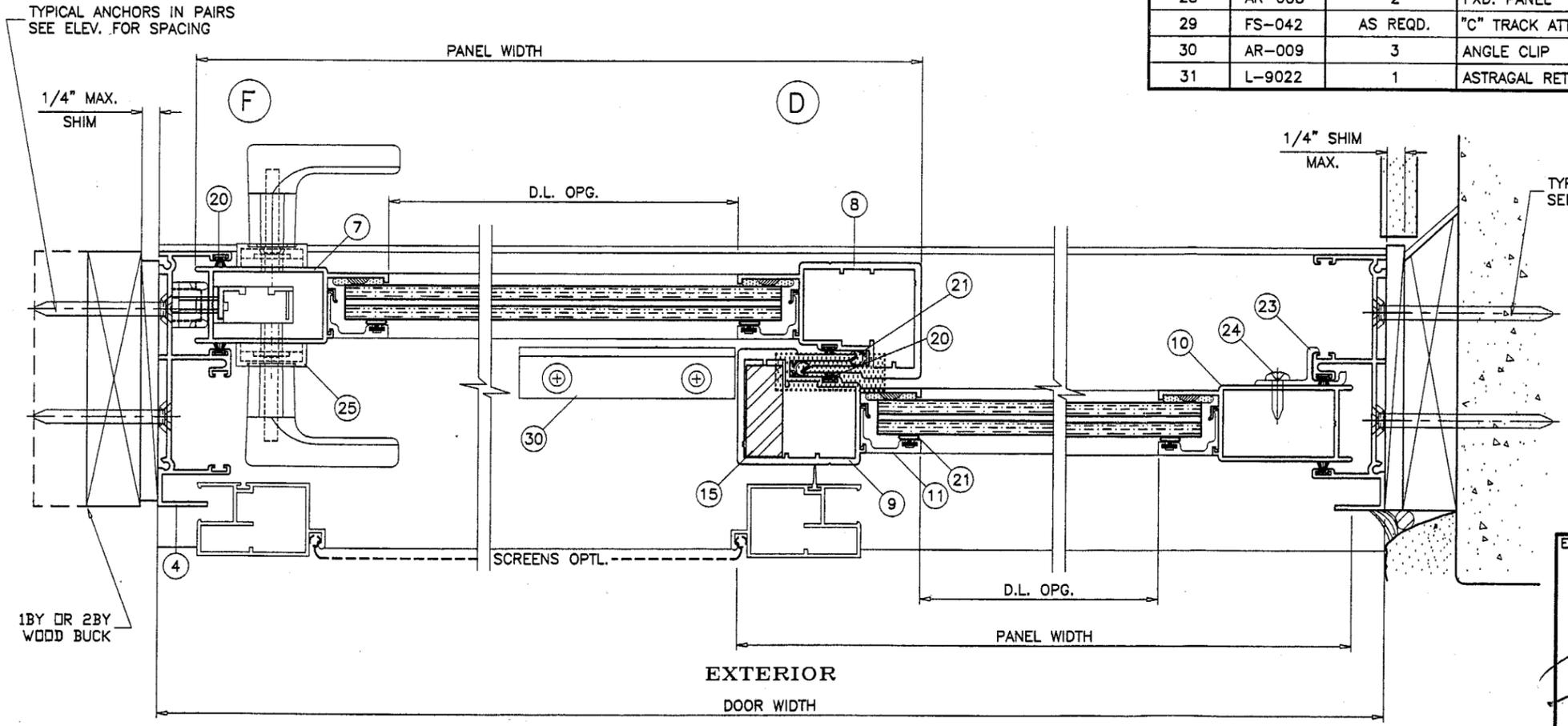
drawing no.
W02-100
 sheet 3 of 5



ATTACHMENT TO CONCRETE OR CONC. BLOCK



ATTACHMENT TO METAL STRUCTURES STEEL OR ALUMINUM



EXTERIOR DOOR WIDTH

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	L-9211	1	FRAME HEAD	6063-T5	ALUMAX/WELLS
2	L-9002	1	FRAME SILL - 1 3/4" HI	6063-T5	ALUMAX/WELLS
3	L-9207	1	ASTRAGAL STILE	6063-T6	-
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	-	#8 X 1/2" P.H. PHILLIPS
13	FS-013	AS REQ'D.	PANEL ASSEMBLY SCREWS	-	#10 X 1" P.H. PHILLIPS
14	AR-021	1	COLD ROLLED STEEL BAR	-	1/2" X 1 1/2"
15	AR-020	AS REQ'D.	COLD 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	7/ 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	-	6" LONG, EA. FXD. BOT. RAIL
29	FS-042	AS REQ'D.	"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"
31	L-9022	1	ASTRAGAL RETAINER CLIP	6063-T5	-

Approved as complying with the Florida Building Code
 Date 02/13/03
 NOA# 02-1126.09
 Miami Dade Product Control
 Division
 By: *Glennia Lerman*

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 NOV 06 2002

afsc

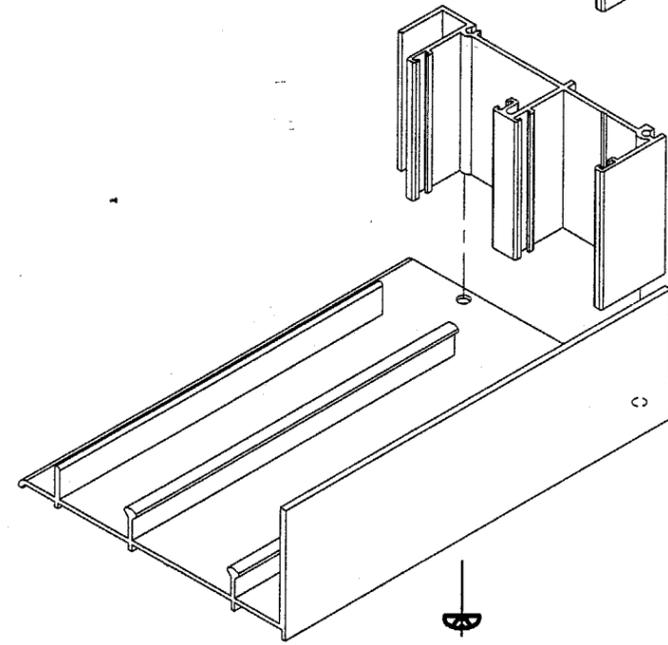
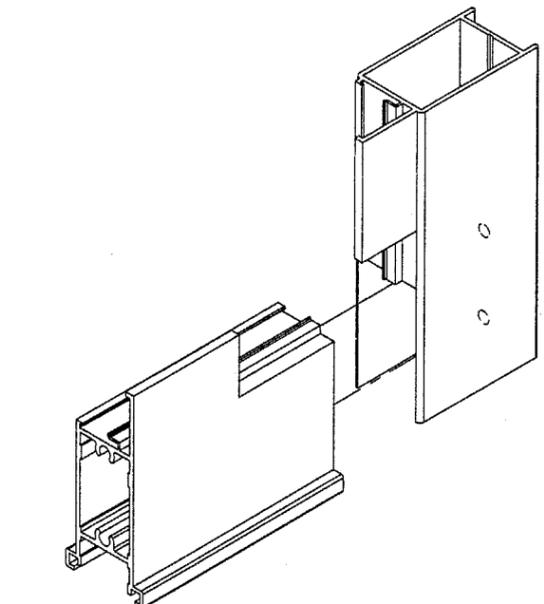
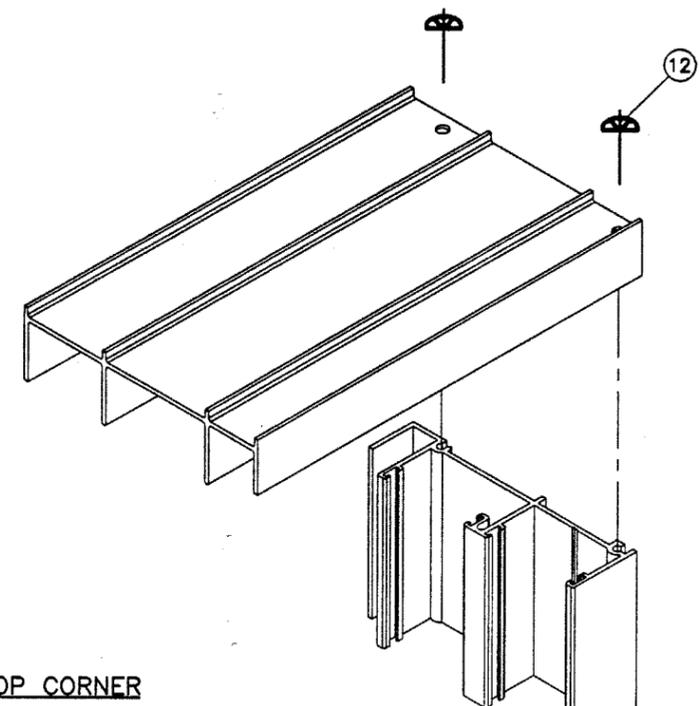
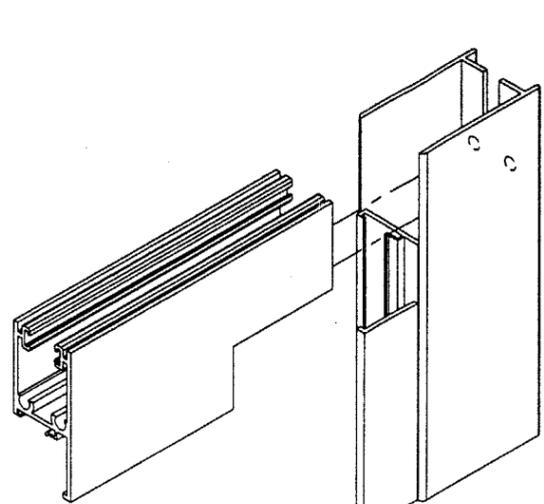
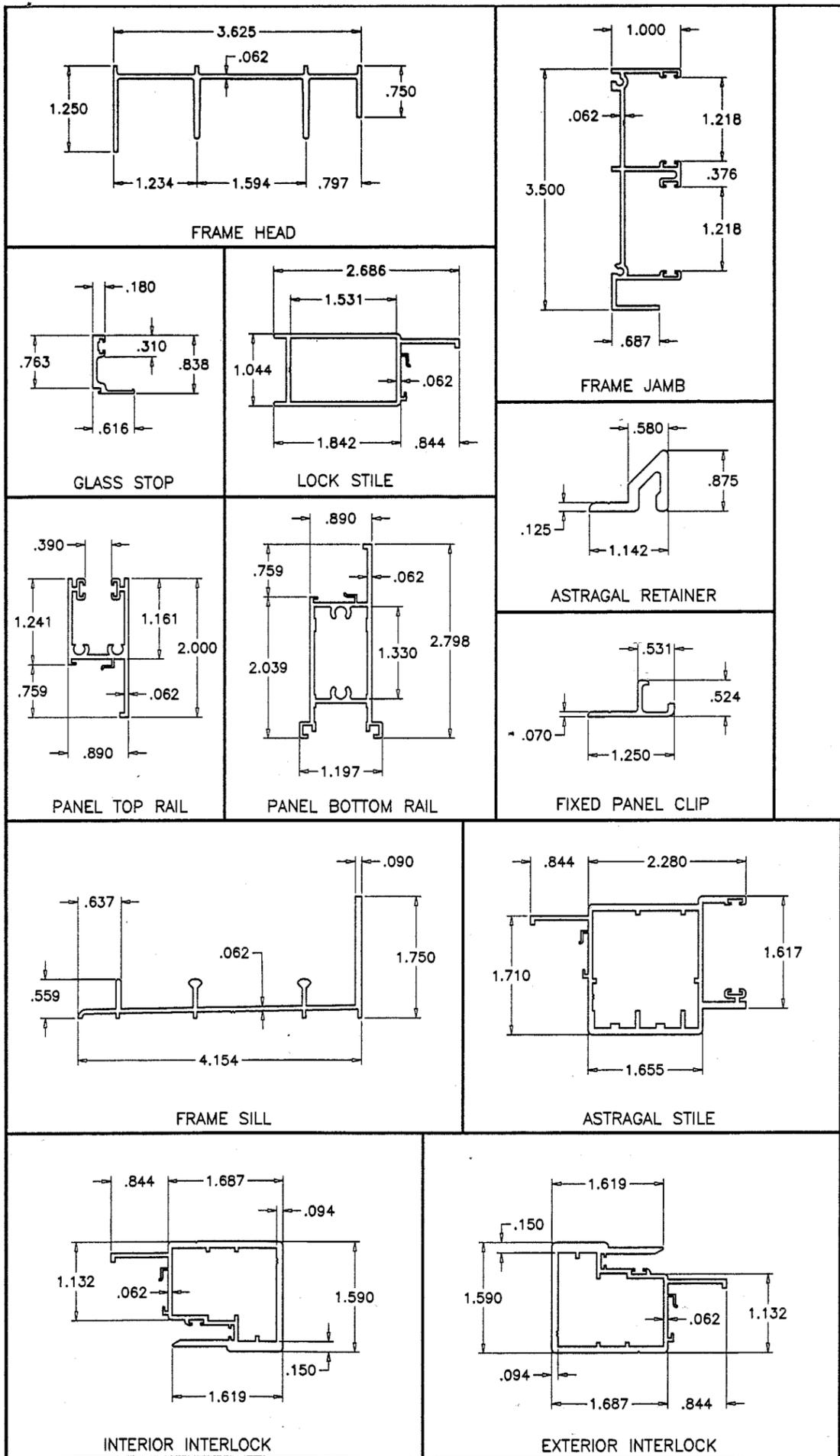
AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL W02-100U

SGD-9200 ALUM. SLIDING GLASS DOOR (IMPACT)

LAWSON INDUSTRIES INC.
 8501 N.W. 90 STREET
 MEDLEY, FL. 33166
 TEL. (305) 696-8660 FAX (305) 696-6006

revisions:	no	date	by	description

date: 10-21-02	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
drawing no. W02-100			
sheet 4 of 5			



Approved as complying with the
 Florida Building Code
 Date 02/13/03
 NOAH 02-1120-04
 Miami Dade Product Control
 Division
 By: *Walter Berman*

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 NOV 06 2002

AL-FAROOQ CORPORATION
 ENGINEERS, PLANNERS & PRODUCT DESIGN
 1235 SW 87 AVE
 MIAMI, FLORIDA 33174
 TEL (305) 264-8100 FAX (305) 262-6978
 COMP-ANL W02-100LI

LAWSON INDUSTRIES INC.
 8501 N.W. 90 STREET
 MEDLEY, FL. 33166
 TEL (305) 696-8660 FAX (305) 696-6006

no	date	by	description

Revisions:

date: 10-21-02
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W02-100

sheet 5 of 5