



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)

**Doralum Corporation**  
7040 N. W. 77 Terri  
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 "100" Aluminum Out swing Doors w/ Sidelites - Impact

**APPROVAL DOCUMENT:** Drawing No. **W01-20**, titled "Series 100 Alum Swing Door w/ Sidelites", sheets 1 through 6 of 6, prepared by Al Farooq Corp., dated 01-24-02 last revised on Mar 21, 2007, signed and sealed by Dr. Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Renewal 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

**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 & renews NOA # 01-0724.10** and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

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

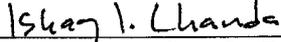


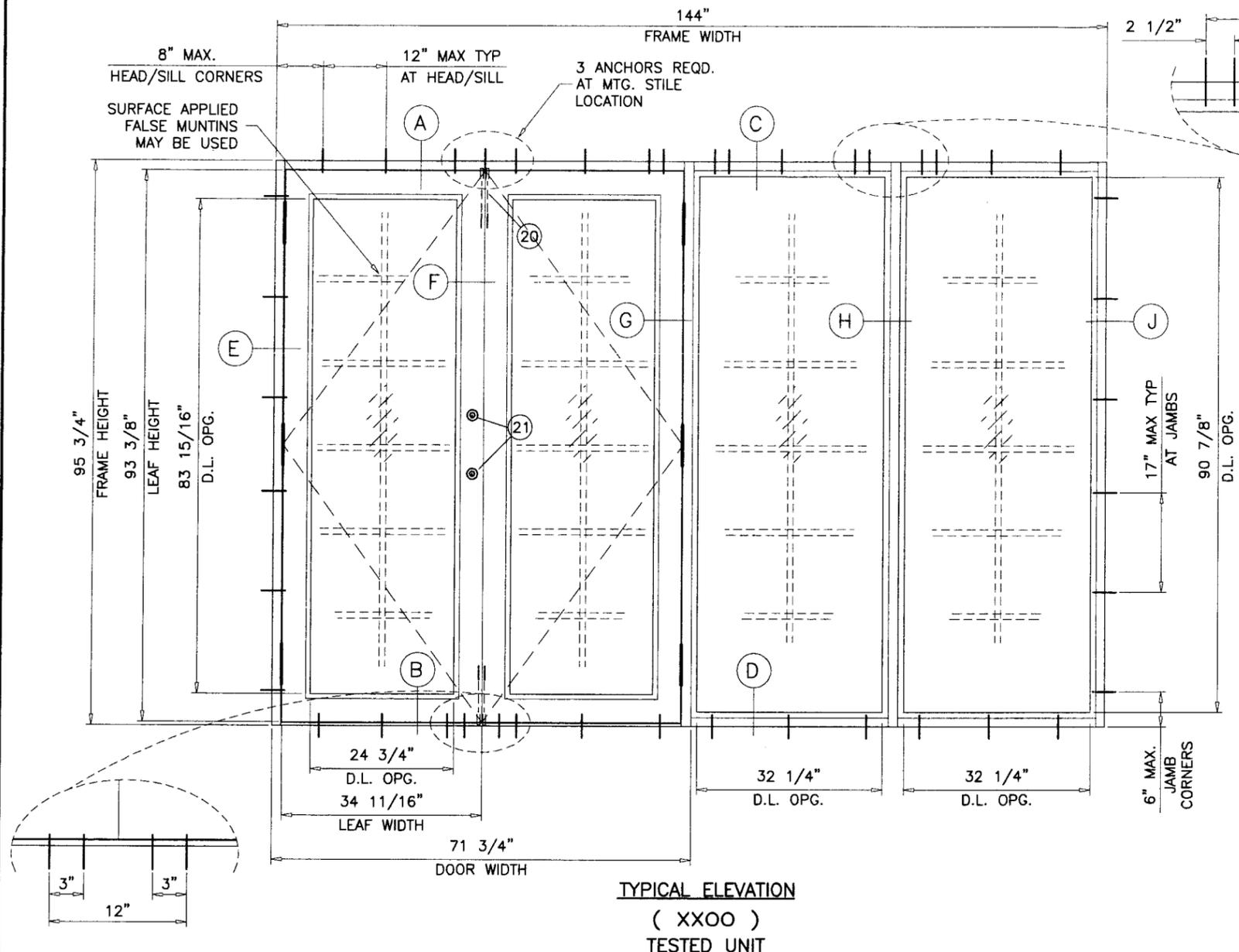
4  
3/23/17

NOA No 07-0109.08  
Expiration Date: April 11, 2012  
Approval Date: April 12, 2007  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- A. DRAWINGS** (transferred from file # **01-0724.10**)
1. Manufacturer's die drawings and sections.
  2. Drawing No. **W01-20**, titled "Series 100 Alum Swing Door w/ Sidelites", sheets 1 through 6 of 6, prepared by Al Farooq Corp., dated 01/24/01 and last revised on Mar 21, 2007, signed and sealed by Dr. Humayoun Farooq, P.E.
- B. TESTS** (transferred from file # **01-0724.10**) Original test conducted per SFBC, PA 201, 202 & 203-94 now termed as FBC, TAS 201, 202 & 203-94
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 installation diagram of an outswing doors w/ sidelites prepared by Fenestration Testing Laboratory Inc, dated March 21, 2001 Test Report No.1 (**FTL-2811**), signed and sealed by Antonio Acevedo, P.E and revised by addendum letter, issued by FTL, signed and sealed by Luis Figueredo, P. E.
- C. CALCULATIONS**
1. Anchor verification calculations & comparative analysis, complying w/ FBC 2004 prepared by Al-Farooq Corporation, dated 12/15/06, signed and sealed by Dr. Humayoun Farooq, P.E.
  2. Glazing Complies with ASTM E-1300-02
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. 02-1205.03 issued to Security Impact Glass Holdings L.L.C. for "SAF GLAS", expiring on 12/16/07.
  2. Notice of Acceptance No. 03-0916.02 issued to Nebula Glass International Inc. for "Glasslam Safety-Plus Laminated Glass", expiring on 09/09/08.
  3. Notice of Acceptance No. 06-0216.06 issued to Solutia Inc. for "Saflex ", expiring on 05/21/11.
- F. STATEMENTS**
1. Statement letter of conformance & "No financial interest", dated 12/15/06, signed and sealed by Dr.Humayoun Farooq, P.E.
  2. Statement of laboratory compliance, as part of above referenced test reports.
- G. OTHER**
1. This NOA **revises & renews** NOA # **01-0724.10** expired on April 11, 2007.

  
\_\_\_\_\_  
Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 07-0109.08  
Expiration Date: April 11, 2012  
Approval Date: April 12, 2007



TYPICAL ELEVATION  
( XXOO )  
TESTED UNIT

**SERIES-100 ALUMINUM SWING DOOR W/ SIDELITES**

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH OR WITHOUT SIDELITES.  
SIDE LITES CAN BE ON ONE OR BOTH SIDES OF DOOR.  
SEE SHEET 2 FOR DESIGN LOAD CAPACITIES.

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.

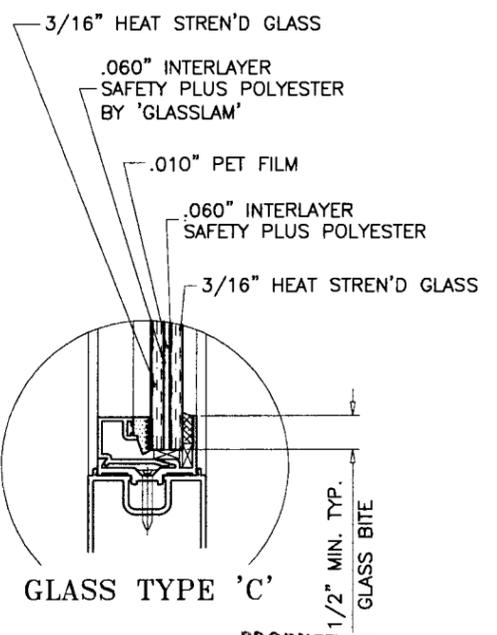
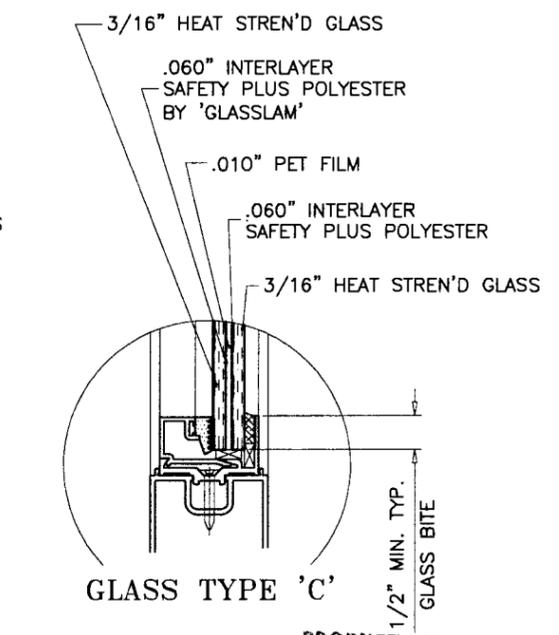
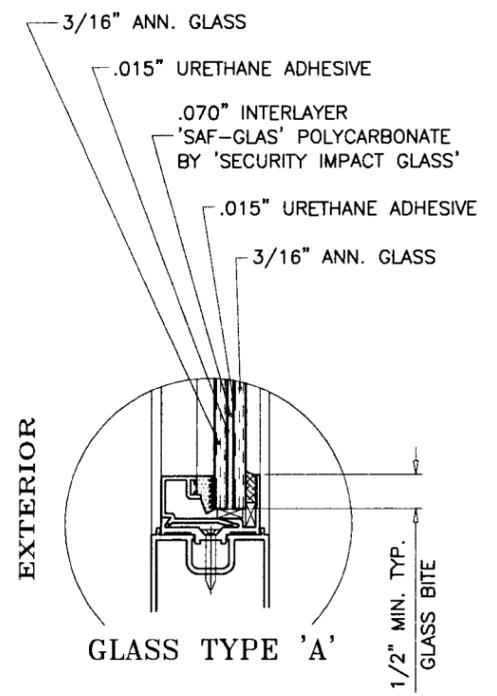
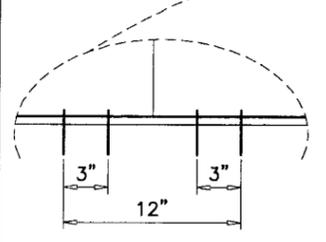
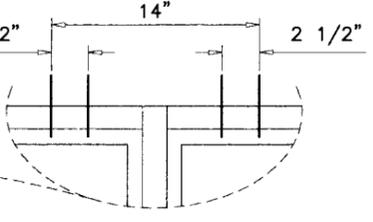
A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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.

DOORS/SIDELITES ARE RATED FOR LARGE MISSILE IMPACT.  
SHUTTERS ARE NOT REQUIRED.

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

MAR 21 2007



**GLAZING OPTIONS**

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 07-0109-08  
Expiration Date APR 11, 2012  
By *Uthmaniyah*  
Miami State Product Control  
Division

**afc**  
AL-FAROOQ CORPORATION  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX (305) 262-6978  
COMP-ANL\W01-20DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES  
**DORALUM CORPORATION**  
7040 N.W. 77 TER.  
MEDLEY, FL. 33166  
TEL. (305) 884-3922 FAX (305) 884-1464

no	date	description
A	01.24.02	REV. PER BCCO COMMENTS
B	12.12.06	UPDATED FOR 2204 FBC

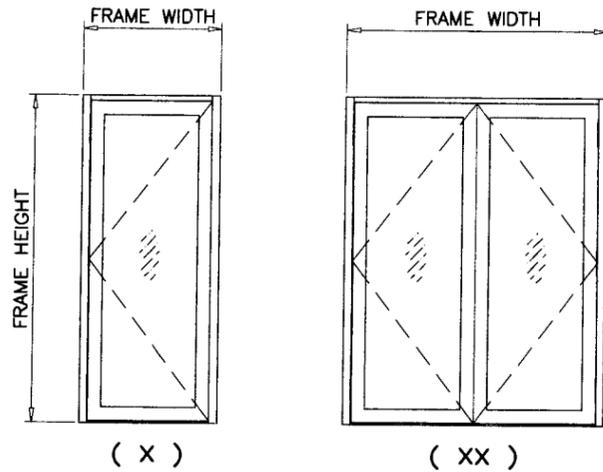
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scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W01-20**  
sheet 1 of 6

CHART A (FOR X & XX DOORS)

DOORS WITHOUT SIDELITES			
DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS.		GLASS TYPES 'A', 'B' OR 'C'	
PANEL WIDTH FT./IN.	DOOR HEIGHT FT./IN.	EXT.(+)	INT.(-)
2/6	6/8	62.0	81.0
3/0		62.0	81.0
2/6	8/0	62.0	81.0
3/0		62.0	81.0



HEIGHTS:

NOMINAL HEIGHT	FRAME HEIGHT	LEAF HEIGHT	DAYLITE OPG.
6/8	79-7/8"	77-3/8"	67-5/8"
8/0	95-7/8"	93-3/8"	83-5/8"

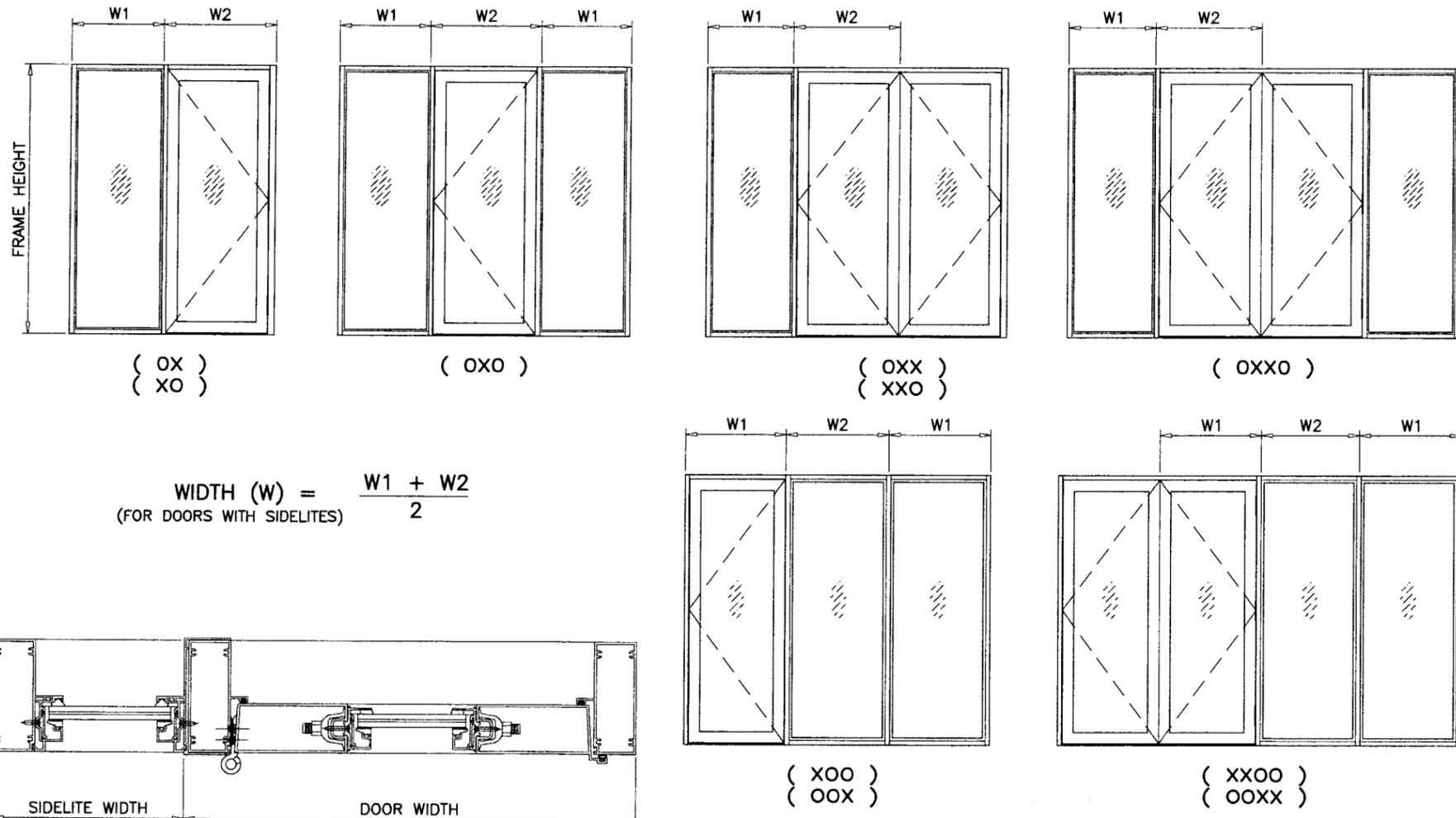
WIDTHS:

NOMINAL WIDTH	FRAME WIDTH	LEAF WIDTH	DAYLITE OPG.
2/6 (X)	31-1/2"	28-11/16"	18-15/16"
3/0 (X)	37-1/2"	34-11/16"	24-15/16"
5/0 (XX)	59-3/4"	28-11/16"	18-15/16"
6/0 (XX)	71-3/4"	34-11/16"	24-15/16"

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-02 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

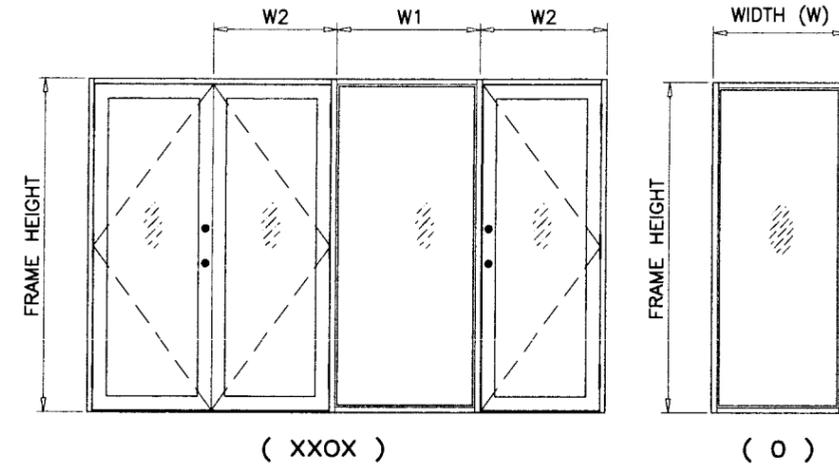
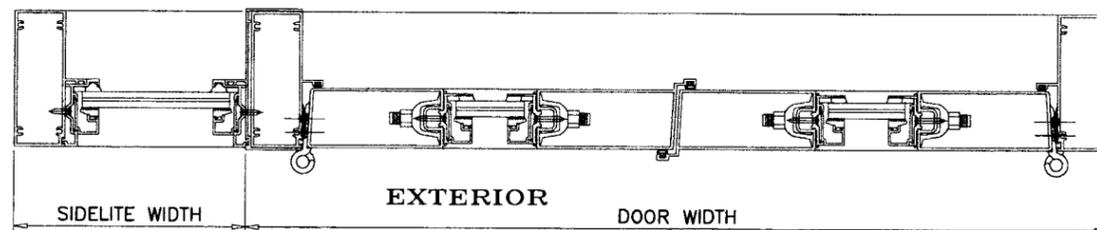
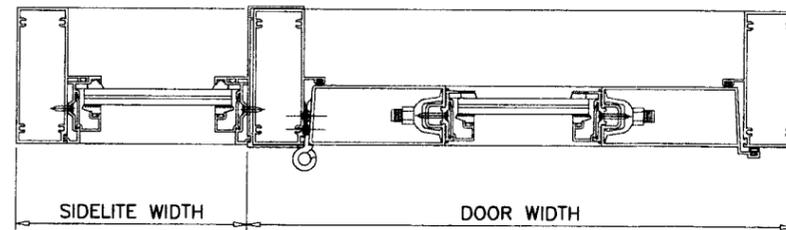
CHART B

STATIONARY PANEL (O) OR DOORS WITH SIDELITES					
DESIGN LOAD CAPACITY - PSF					
WIDTH (W) INCHES	FRAME HEIGHT FT./IN.	GLASS TYPE 'A'		GLASS TYPE 'B' & 'C'	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
32	7/0	62.0	81.0	62.0	81.0
33		62.0	78.3	62.0	81.0
34		62.0	69.8	62.0	81.0
35		62.0	66.5	62.0	81.0
36		62.0	63.1	62.0	81.0
32	8/0	62.0	81.0	62.0	81.0
33		62.0	78.3	62.0	79.2
34		62.0	69.8	62.0	78.3
35		62.0	66.5	62.0	77.6
36		62.0	63.1	62.0	76.5



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

(FOR DOORS WITH SIDELITES)



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

MAR 21 2007

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 07-0109.08  
Expiration Date APRIL 2012

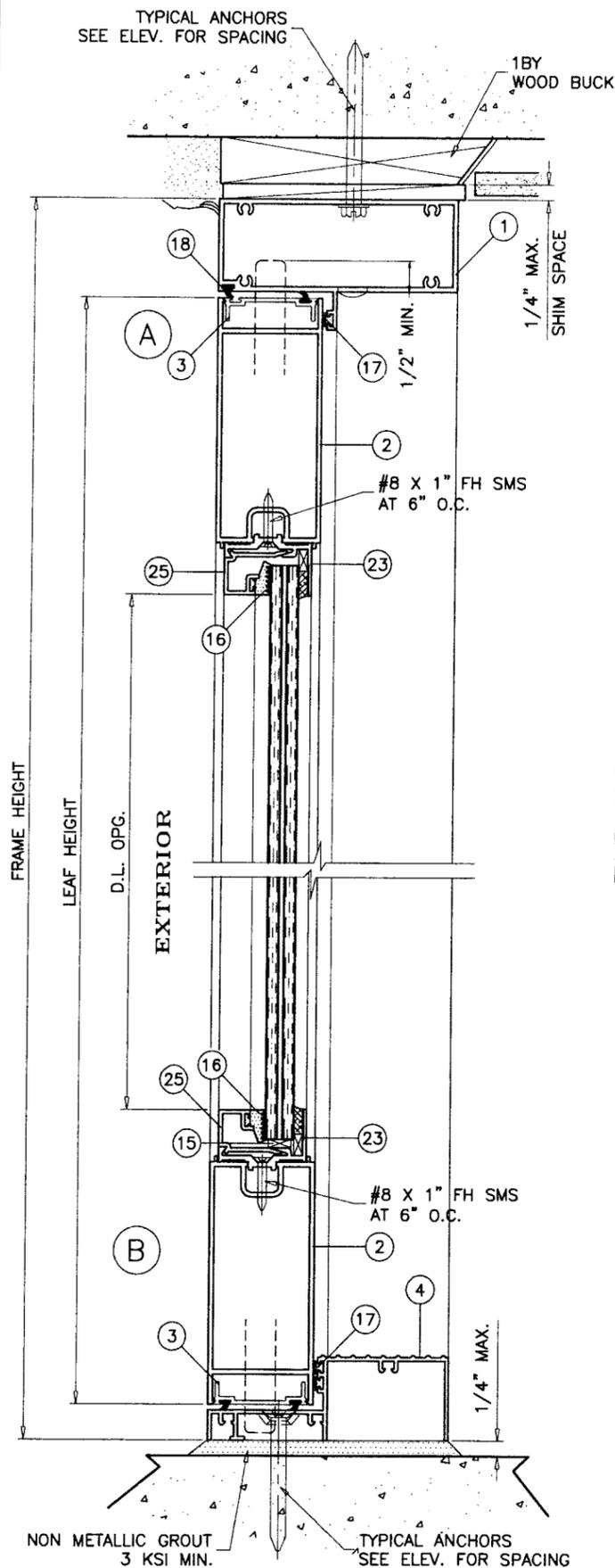
By: *Ishtaq I. Hamid*  
Miami Trade Product Control  
Division

**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
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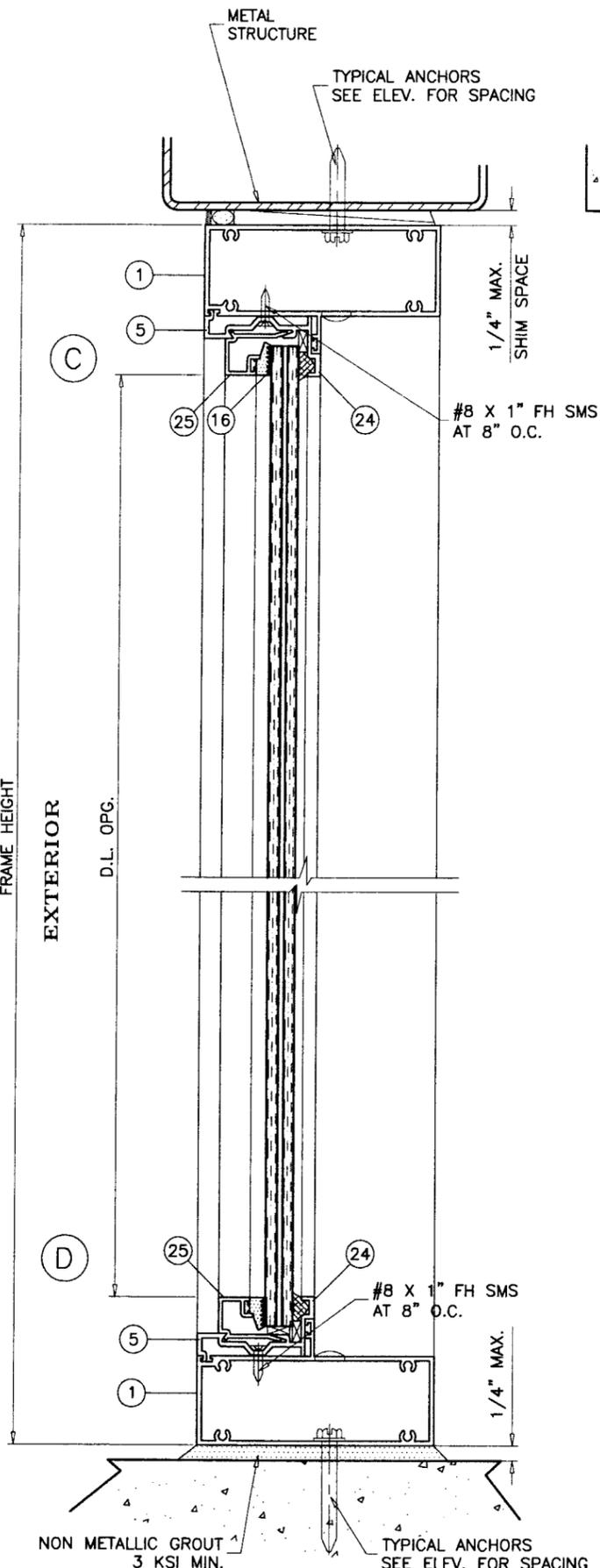
SERIES-100 ALUM SWING DOOR W/ SIDELITES  
**DORALUM CORPORATION**  
7040 N.W. 77 TER.  
MEDLEY, FL. 33166  
TEL. (305) 884-3922 FAX (305) 884-1464

no	date	by description
B	12.12.06	UPDATED FOR 2204 FBC

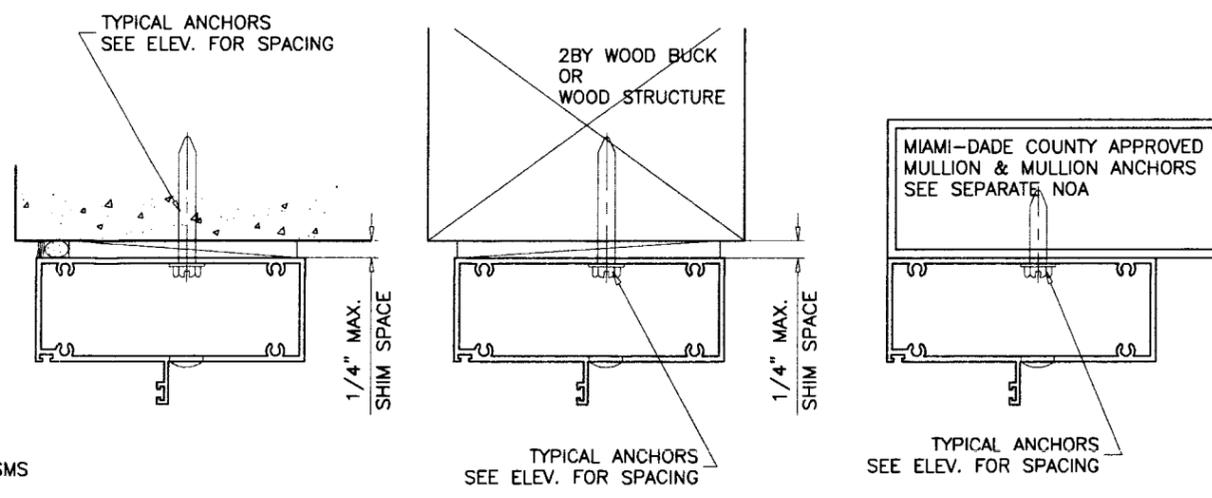
revisions:  
date: 04-21-01  
scale: -  
dr. by: HAMID  
chk. by:  
drawing no.  
**W01-20**  
sheet 2 of 6



**OPERABLE UNITS**



**STATIONARY UNITS**



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

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
**1/4" TAPCONS BY 'ELCO'**  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-3/8" MIN. PENETRATION INTO WOOD  
 THRU 1BY BUCKS INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY  
 DIRECTLY INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**#14 SMS OR SELF DRILLING SCREWS**  
 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)

**#14 SMS OR SELF DRILLING SCREWS**  
 INTO DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")  
 (NO SHIM SPACE)

**ANCHOR EDGE DISTANCES**  
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 5/8" MIN.

**SEALANTS:**  
 FRAME AND LEAF CORNERS, INSTALLATION SCREWS AT SILL AND ALL METAL PARTS CONNECTIONS SEALED WITH CLEAR COLORED SEALANT.

**PRODUCT REVIEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 07-0109.08  
 Expiration Date APR 11, 2012  
 By *Ishaq I. Chaudhry*  
 Miami Dade Product Control  
 Division

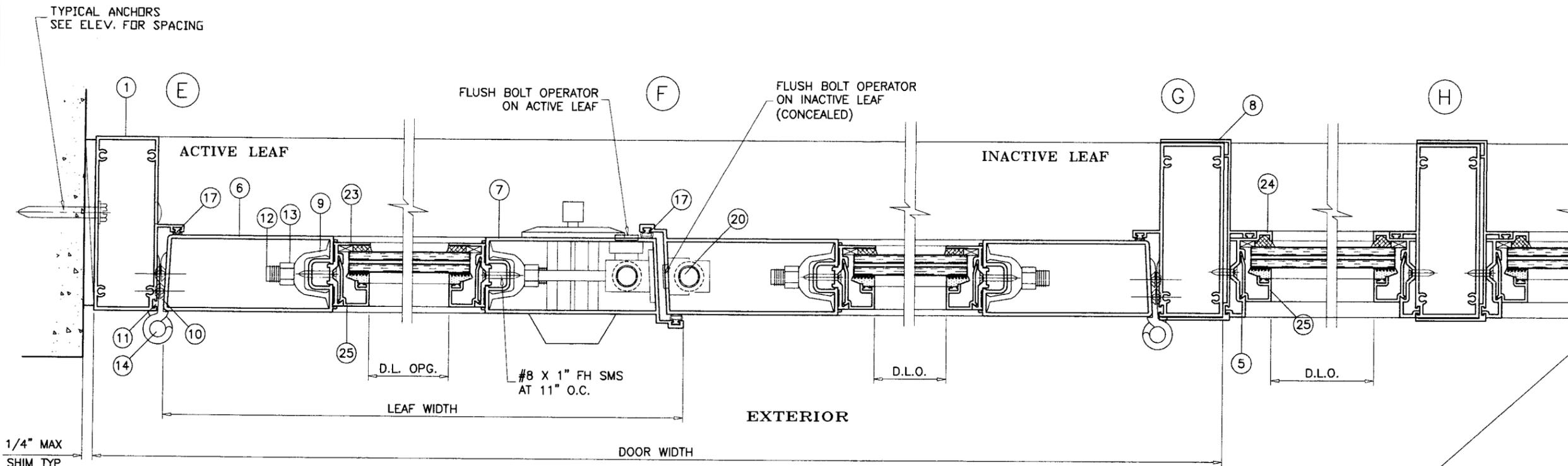
Engr: DR. HUMAYOON FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538  
  
 MAR 21 2007

**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
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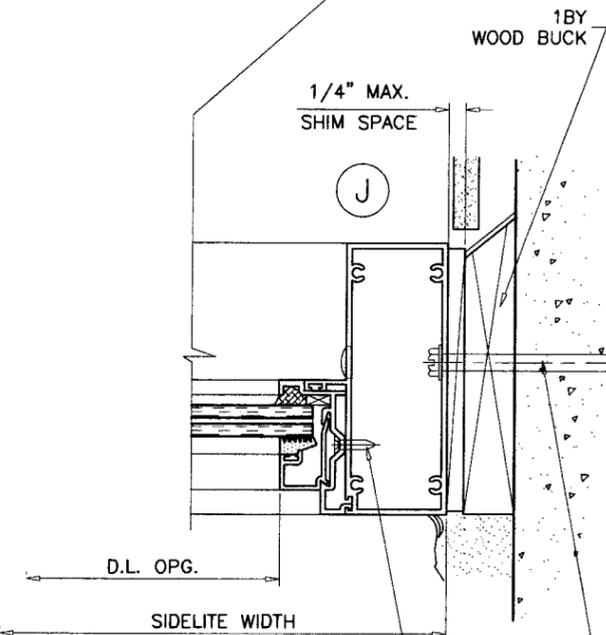
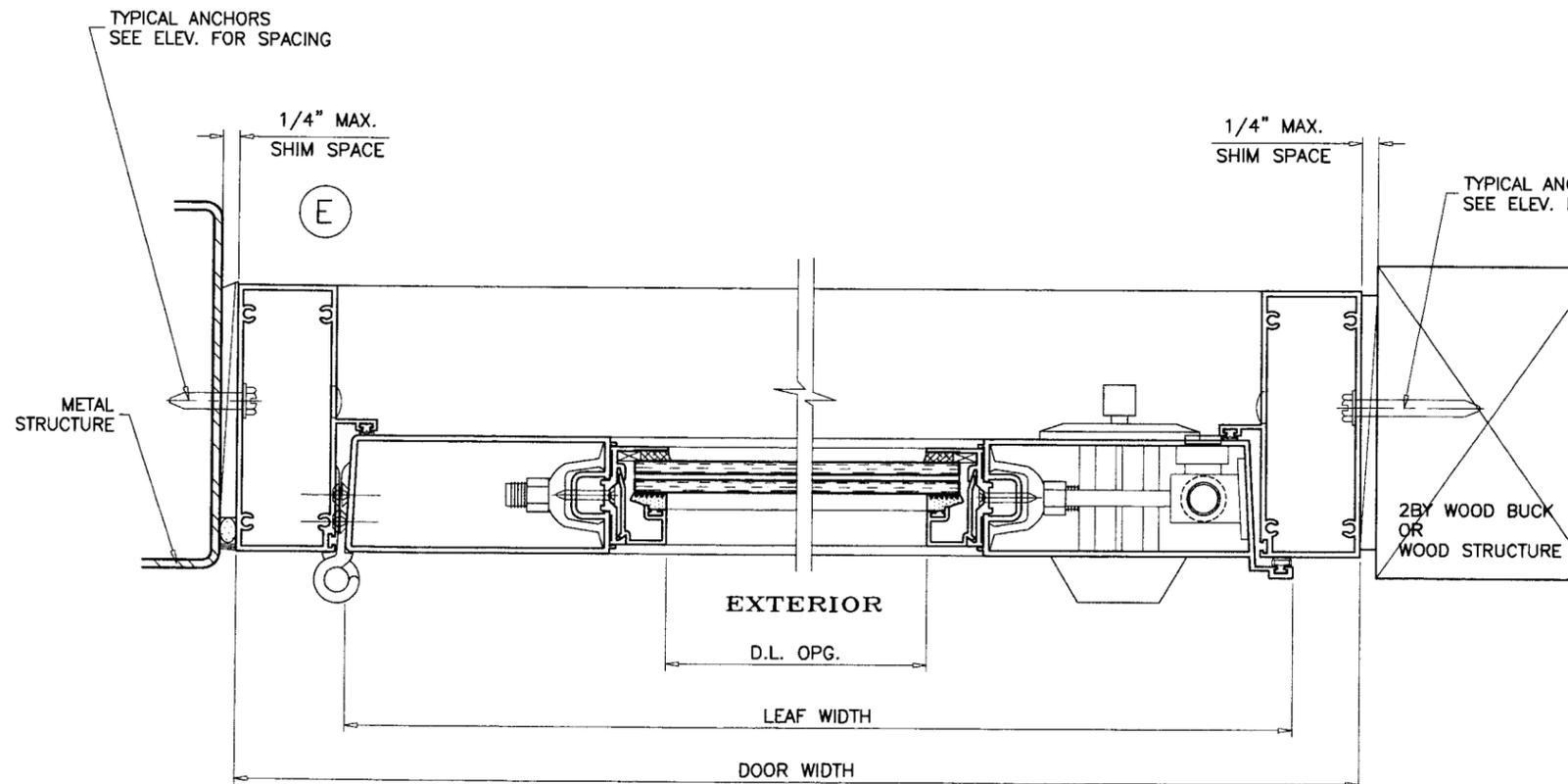
SERIES-100 ALUM SWING DOOR W/ SIDELITES  
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 TEL. (305) 884-3922 FAX (305) 884-1464

no	date	by	description
B	12.12.06		UPDATED FOR 2204 FBC

date: 04-21-01  
 scale: 3/8" = 1"  
 dr. by: HAMID  
 chk. by:  
 drawing no. **W01-20**  
 sheet 3 of 6



1/4" MAX SHIM TYP



**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 07-0109-08  
 Expiration Date 12/11/2012  
 By: *Lehaq F. Chande*  
 Miami Dade Product Control  
 Division

Engr: DR. HUMAYOON FAROOQ  
 STRUCTURES  
 FLA. PE # 16557  
 C.A.N. 3538  
 MAR 21 2007

**afC**  
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no	date	by description
B	12.12.06	UPDATED FOR 2204 FBC

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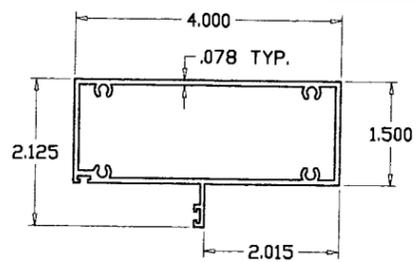
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dr. by:	HAMID
chk. by:	

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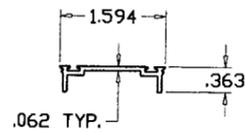
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**W01-20**

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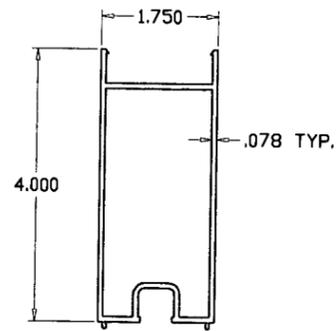
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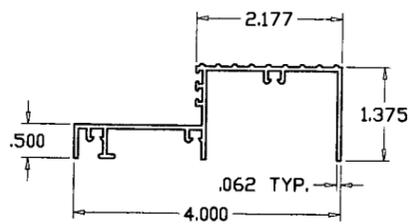
FRAME HEAD/JAMB



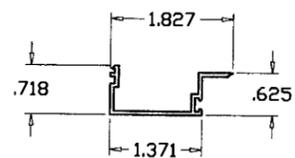
WEATHERSTRIP ADAPTER



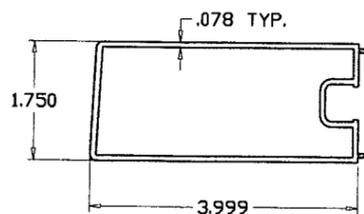
TOP/BOTTOM RAIL



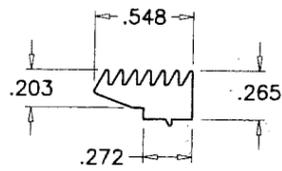
THRESHOLD



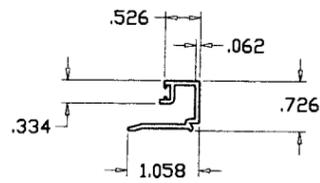
SIDE LITE GLAZING BEAD



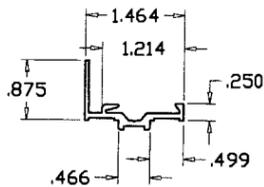
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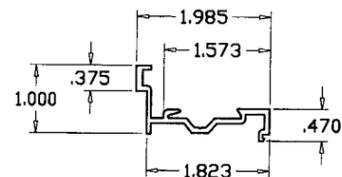
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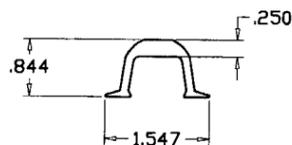
GLASS STOP



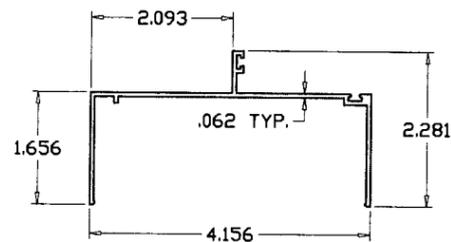
GLAZING ADAPTER (DOOR)



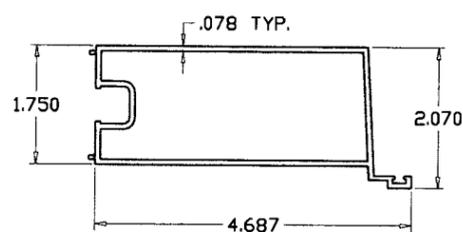
GLAZING ADAPTER (SIDELITE)



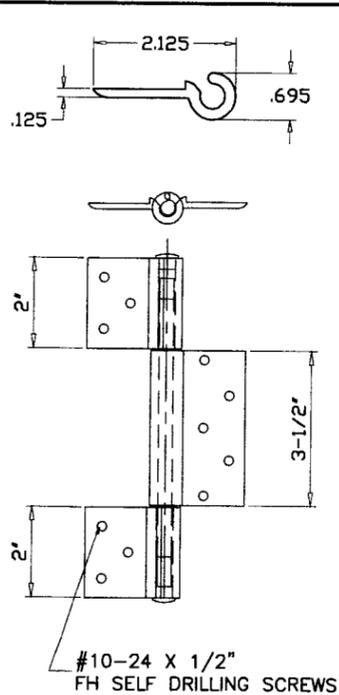
ASSEMBLY STIFFENER



SIDE LITE JAMB



LOCK STILE



3 PIECE HINGE

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SW-28899	3/DOOR	FRAME HEAD/JAMB	6063-T6	-
2	SW-28900	2/LEAF	DOOR TOP/BOTTOM RAIL	6061-T6	-
3	SW-28904	AS REQD.	WEATHERSTRIP ADAPTER	6063-T6	-
4	SW-28898	1/DOOR	THRESHOLD	6063-T6	-
6	SW-28896	1/LEAF	HINGE STILE	6063-T6	-
7	SW-28901	1/LEAF	LOCK STILE	6063-T6	-
8	SW-28897	AS REQD.	SIDELITE JAMB	6063-T6	-
9	SW-28903	1/CORNER	ASSEMBLY STIFFENER	6063-T6	-
10	SW-29244	3/LEAF	HINGE DOOR PORTION	6063-T6	-
11	SW-29245	3/LEAF	HINGE FRAME PORTION	6063-T6	-
12	-	2/LEAF	3/8" X 16 X 32" LONG THREADED ROD	STEEL	-
13	-	2/LEAF	3/8" X 16 NUT	-	-
14	-	1/HINGE	5/16" X 6" ROD	STEEL	PLATED STEEL
15	-	8/LEAF	1/4" SETTING BLOCK	NYLON	-
16	-	AS REQD.	GLAZING VINYL	VINYL	-
17	PW-101	AS REQD.	BULB WEATHERSTRIPPING	VINYL	-
18	PB-8400	AS REQD.	PILE WEATHERSTRIPPING	-	SCHLEGEL
19	SILICONE PLUS	-	SILICONE	-	DOW CORNING
20	5025	AS REQD.	FLUSH BOLTS	-	DELTA IND.
21	CP-B111	-	ENTRY LOCKSET	-	TACO OR WESTLOCK
22	#8X3/4" PHSMS	AS REQD.	ASSEMBLY SCREWS	-	AT ALL FRAME JOINTS
23	DOR-018	AS REQD.	GLAZING ADAPTER (DOOR)	6063-T6	-
24	DOR-017	AS REQD.	GLAZING ADAPTER (SIDELITE)	6063-T6	-
25	DOR-019	AS REQD.	GLASS STOP	6063-T6	-

**LOCKS:**

STANDARD STEEL THROW BOLT LOCK, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 45" FROM BOTTOM

CONVENTIONAL LOCKSET WITH KNOB, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 38" FROM BOTTOM

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF EACH LEAF LOCK STILE

(FLUSH BOLTS AT TOP & BOTTOM OF ACTIVE AND INACTIVE LEAFS TO BE ENGAGED DURING PERIODS OF HURRICANE WARNING)

**HINGES:**

EXTRUDED ALUMINUM BUTT HINGE 1/8" THICK AND 7-1/2" LONG WITH 5/16" PLATED STEEL ROD AT EACH LEAF JAMB STILE ONE EACH AT 10" FROM TOP & BOTTOM AND ONE AT MIDSPAN

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

MAR 21 2007

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 07-0109.08  
Expiration Date APR 11, 2012  
By *Ishag J. Llanusa*  
Miami Dade Product Control  
Division

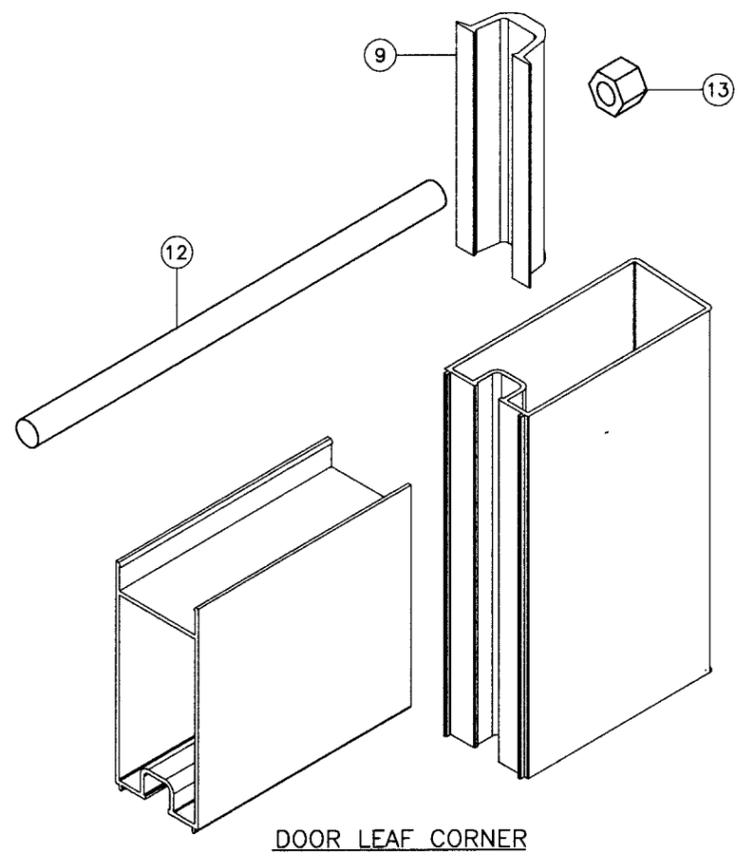
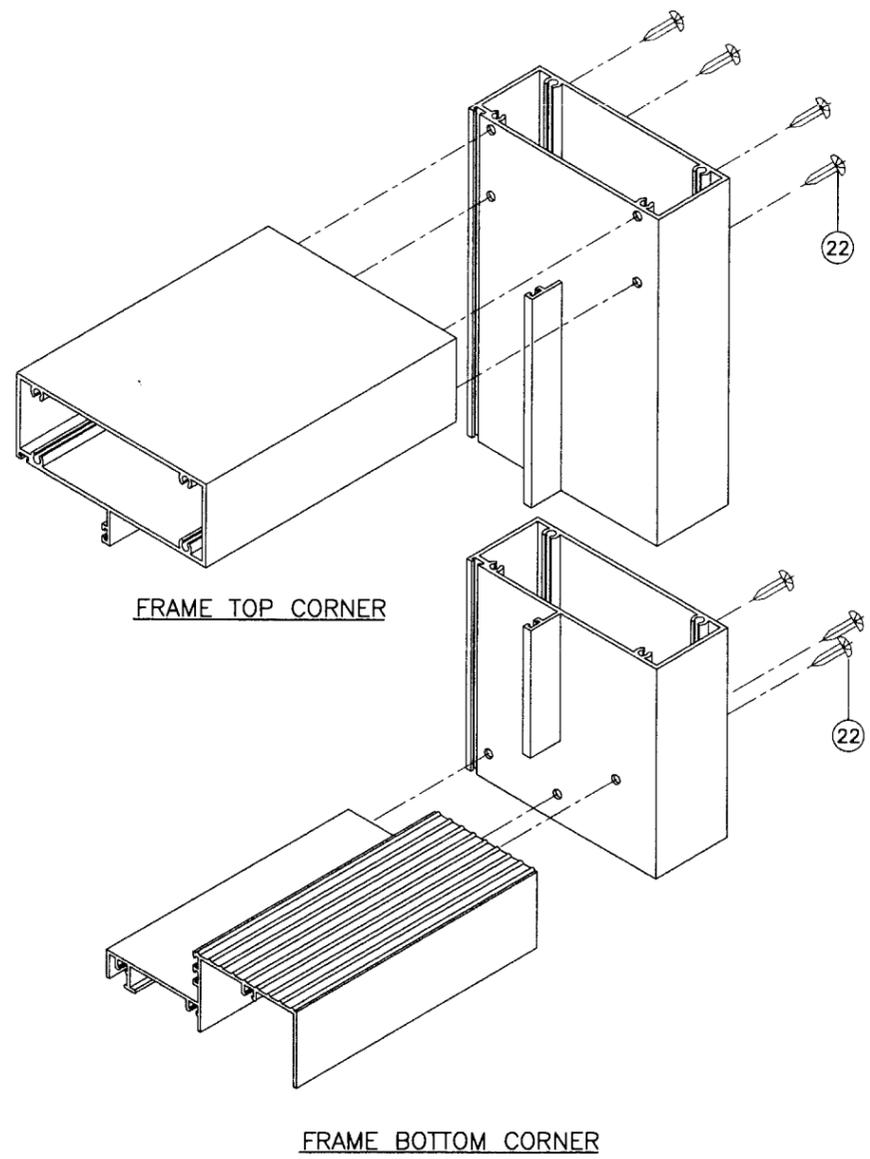
**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W01-20DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES  
**DORALUM CORPORATION**  
7040 N.W. 77 TER.  
MEDLEY, FL. 33166  
TEL. (305) 884-3922 FAX (305) 884-1464

revisions:	no	date	by description
	B	12.12.06	UPDATED FOR 2204 FBC

date: 04-21-01  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W01-20**  
sheet 5 of 6



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 Miami Dade Product Control  
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Engr: DR. HUMAYOON FAROOQ  
 STRUCTURES  
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*[Signature]*  
 MAR 21 2007

**af c**  
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