



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)

www.buildingcodeonline.com

Doralum Corporation
7040 NW 77 Terrace
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 "100" Outswing Aluminum Patio Doors W/ Sidelites-N.I.

APPROVAL DOCUMENT: Drawing No. **W98-58**, titled "Series-100 Aluminum Swing Door W/ Sidelites," sheets 1 through 6 of 6, dated 07/31/98, with last revision on 11/09/06, prepared by Al-Farooq Corporation, signed and sealed by 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: None

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 NOA # 01-0724.11** 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
2/2/07

NOA No 06-0905.01
Expiration Date: September 14, 2011
Approval Date: February 01, 2007
Page 1

Doralum Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W98-58**, titled "Series-100 Aluminum Swing Door W/ Sidelites," sheets 1 through 6 of 6, dated 07/31/98, with last revision on 11/09/06, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
 - 3) Water Resistance Test, per TAS 202-94
 - 4) Forced Entry Test, per FBC 3603.2 (b) and PA 202-94along with installation diagram of an aluminum out-swinging patio entrance door with fixed light, prepared by Fenestration Testing Laboratory Inc., Test Report No. **FTL-1051**, dated December 21, 1994 signed and sealed by Yamil G. Kuri, P.E.
(Submitted under NOA# 01-0724.11)
2. Test reports on
 - 1) Air Infiltration Test, per TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
 - 3) Water Resistance Test, per TAS 202-94
 - 4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with installation diagram of an aluminum out-swinging patio entrance door with fixed light, prepared by Fenestration Testing Laboratory Inc., Test Report No. **FTL-5042**, dated 10/10/06, signed and sealed by Edmundo Largaespada, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, Dated 07/19/06 signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E1300-98/02

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance, dated July 19, 2006 signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated July 19, 2006 signed and sealed by Humayoun Farooq, P.E.



Jaime D. Gascon, P.E.

Chief, Product Control Division
NOA No 06-0905.01

Expiration Date: September 14, 2011
Approval Date: February 01, 2007

Doralum Corporation

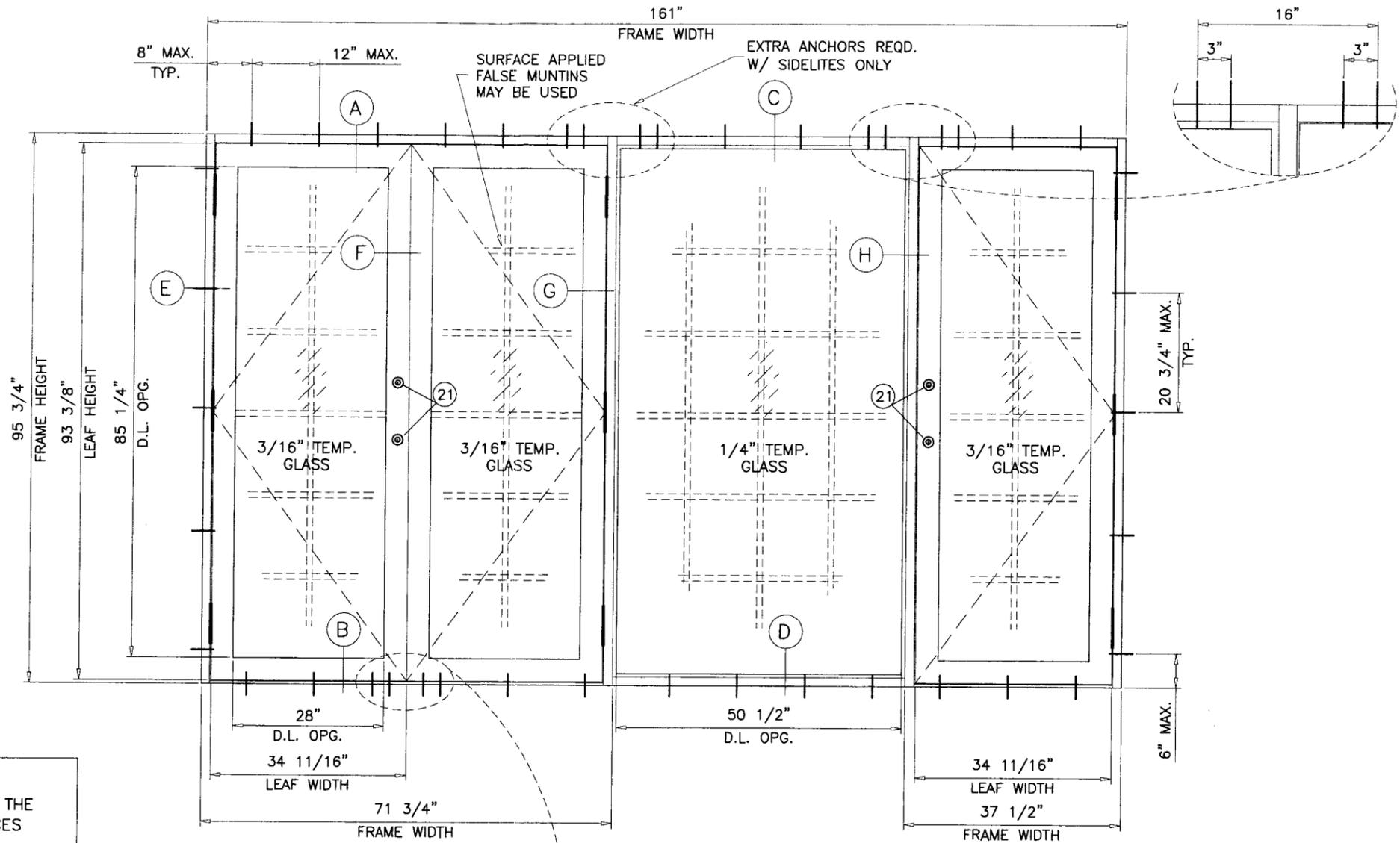
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

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



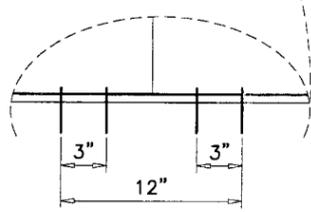
Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No 06-0905.01
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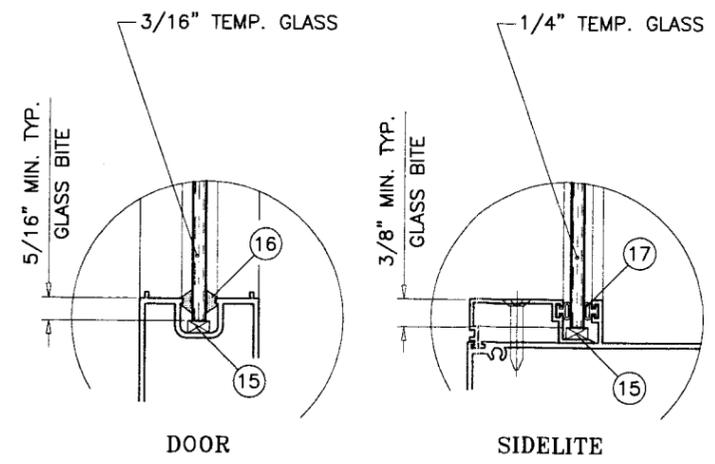
DOORS NOT RATED FOR IMPACT.
 INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.
 INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

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.



TYPICAL ELEVATION
 (XXOX)
 TESTED UNIT



GLAZING DETAILS

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 DEC 05 2006

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No. 09-0905.01
 Expiration Date 09/14/11
 By [Signature]
 Division

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\W98-58DAC-NEW

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

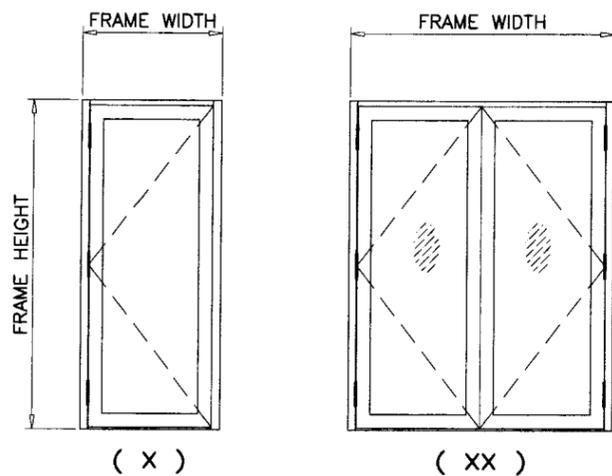
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B	11.09.06	REV. PER BCCO COMMENTS

date: 07-31-98
 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W98-58
 sheet 1 of 6

CHART A (FOR X & XX DOORS)

DOORS WITHOUT SIDELITES			
DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS.		3/16" TEMP. GLASS	
PANEL WIDTH FT./IN.	DOOR HEIGHT FT./IN.	EXT.(+)	INT.(-)
2/6	6/8	67.3	91.3
2/8		67.0	85.6
2/10		63.0	80.6
3/0		59.5	76.1
2/6	7/0	67.3	86.9
2/8		63.8	81.5
2/10		60.0	76.7
3/0		56.7	72.4
2/6	8/0	59.5	76.1
2/8		55.8	71.3
2/10		52.5	67.1
3/0		49.6	63.4



HEIGHTS:

NOMINAL HEIGHT	FRAME HEIGHT	LEAF HEIGHT	DAYLITE OPG.
6/8	79-3/4"	77-3/8"	69-3/8"
7/0	83-3/4"	71-3/8"	73-3/8"
8/0	95-3/4"	93-3/8"	85-3/8"

WIDTHS:

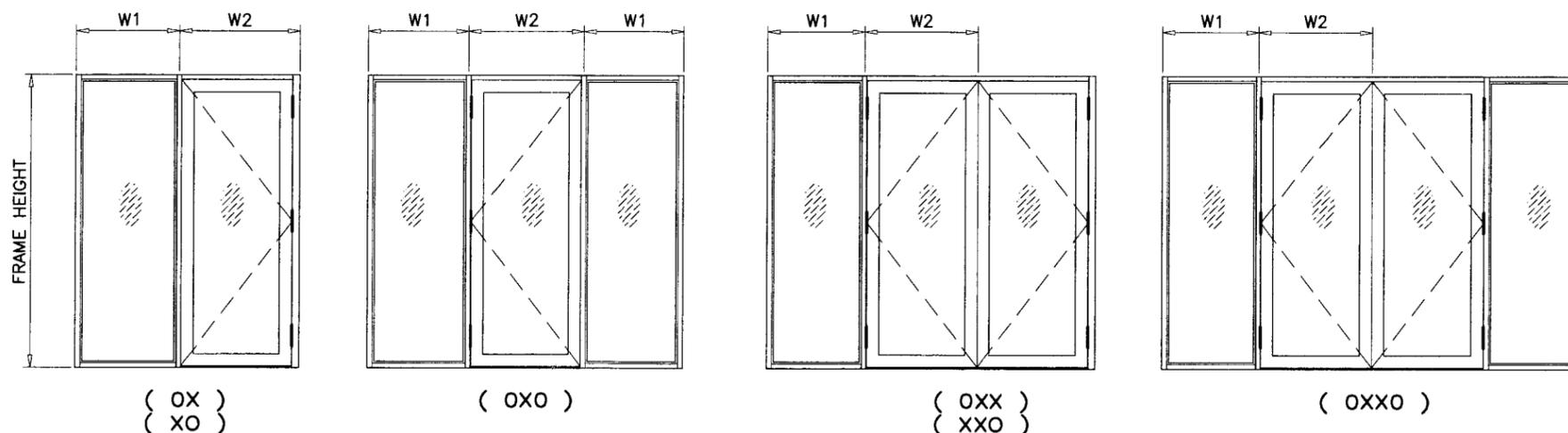
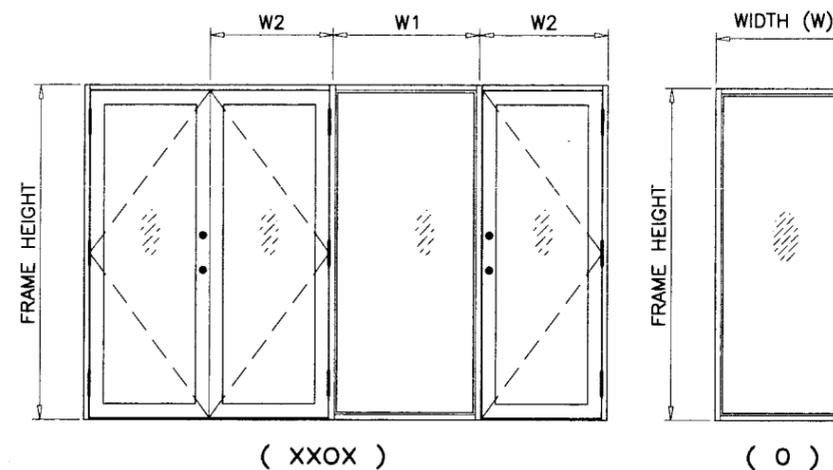
NOMINAL WIDTH	FRAME WIDTH	LEAF WIDTH	DAYLITE OPG.
2/6 (X)	31-1/2"	28-11/16"	20"
3/0 (X)	37-1/2"	34-11/16"	26"
5/0 (XX)	59-3/4"	28-11/16"	20"
6/0 (XX)	71-3/4"	34-11/16"	26"

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

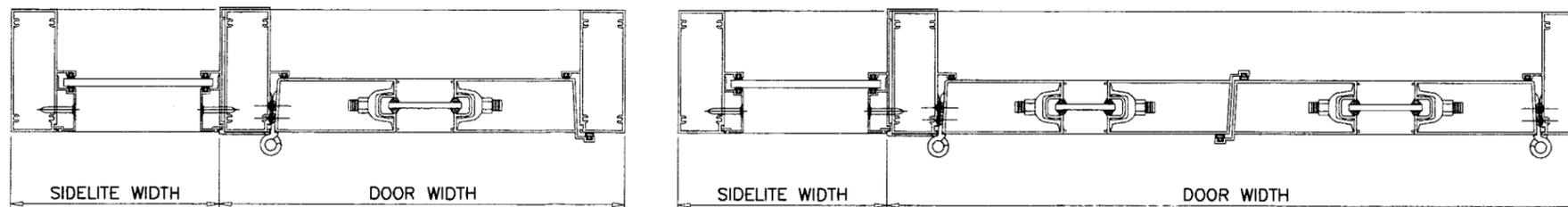
STATIONARY PANEL (O) OR SIDELITES			
DESIGN LOAD CAPACITY - PSF			
WIDTH (W) INCHES	FRAME HEIGHT FT./IN.	1/4" TEMP. GLASS	
		EXT. (+)	INT. (-)
24	6/8	67.3	109.9
30		67.3	99.9
36		67.3	91.6
42		67.3	84.5
48		67.3	78.5
54		67.3	73.3
24	7/0	67.3	104.7
30		67.3	95.1
36		67.3	87.2
42		67.3	80.5
48		67.3	74.8
54		67.3	69.8
24	8/0	67.3	78.4
30		67.3	71.6
36		66.2	66.2
42		61.8	61.8
48		58.2	58.2
54		55.4	55.4

NOTE:
QUALIFY SIDELITE OR STATIONARY PANELS WITH CHART B
QUALIFY DOORS WITH CHART A



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

(FOR DOORS WITH SIDELITES)



EXTERIOR

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

DEC 05 2006

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0905-01
Expiration Date 09/19/11
Dr. *[Signature]*
Miami Dade Product Control
Division

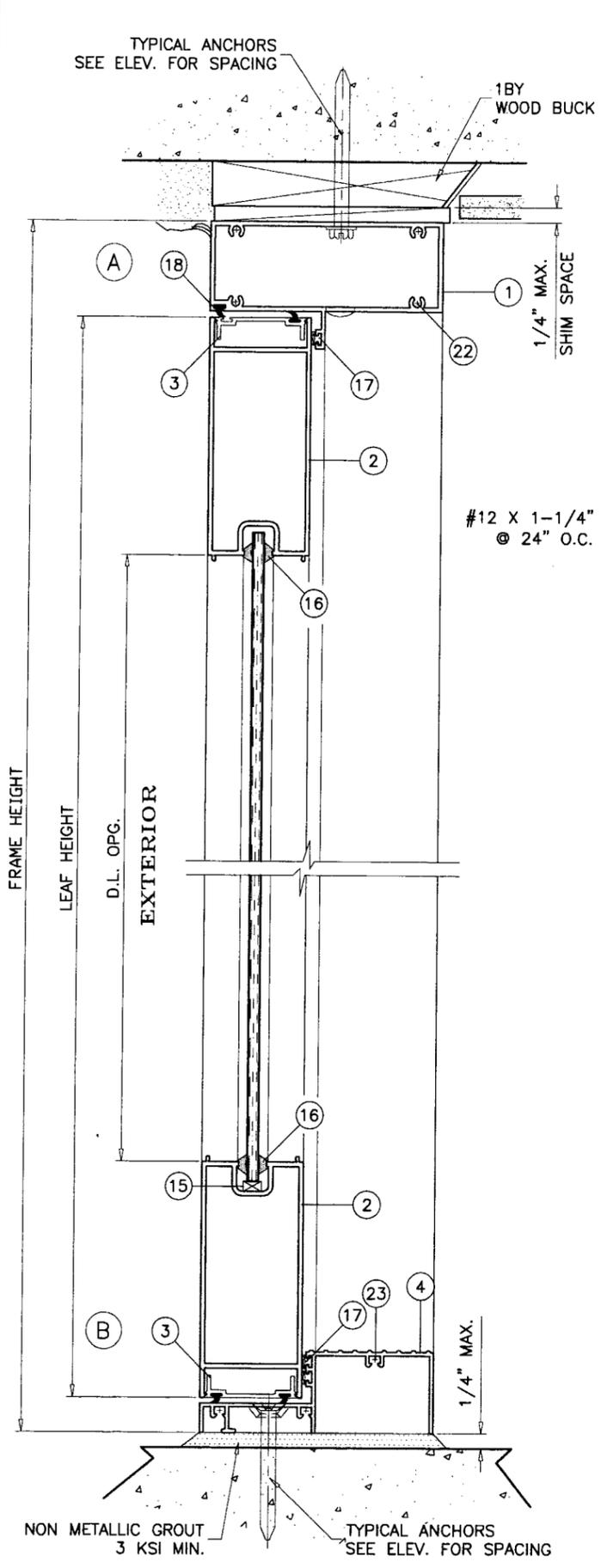
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP - ANL \ W98 - 58DAC - NEW

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

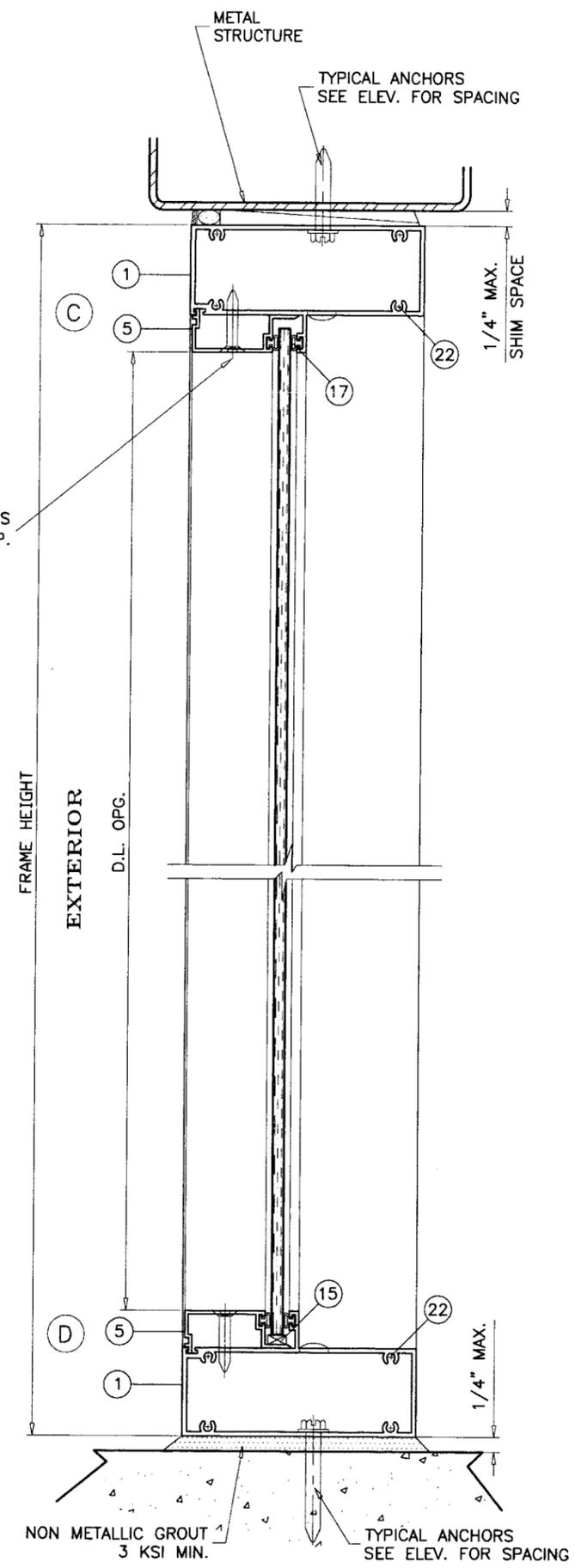
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dr. by: HAMID
chk. by:

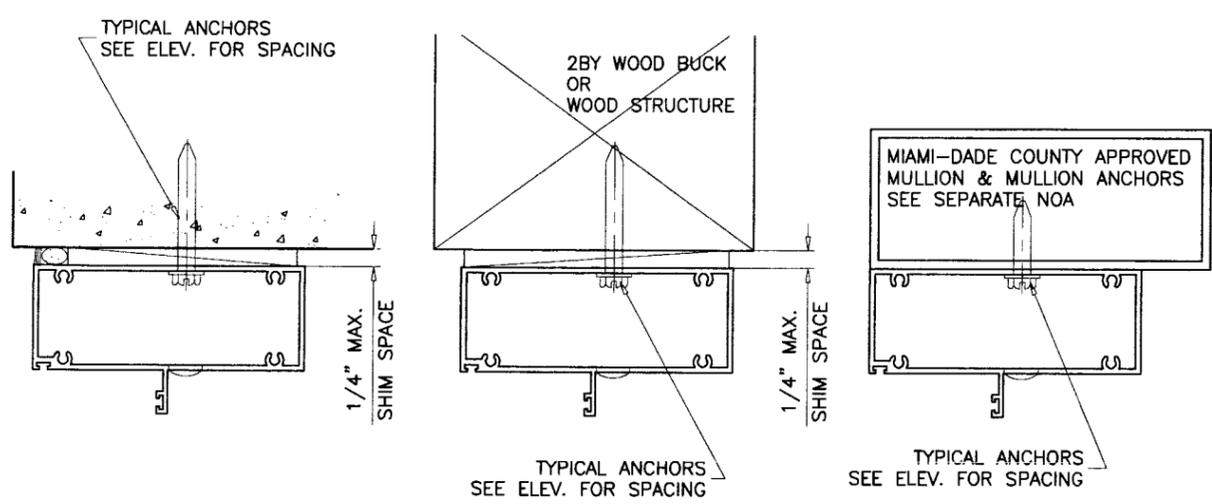
drawing no.
W98-58



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
 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. = .090")
 (NO SHIM SPACE)

TYPICAL EDGE DISTANCE
 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.

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 DEC 05 2006

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 as complying with the Florida
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 By: *[Signature]*
 Miami Dade Product Control
 Division

af c

AL-FAROOQ CORPORATION
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SERIES-100 ALUM SWING DOOR W/ SIDELITES

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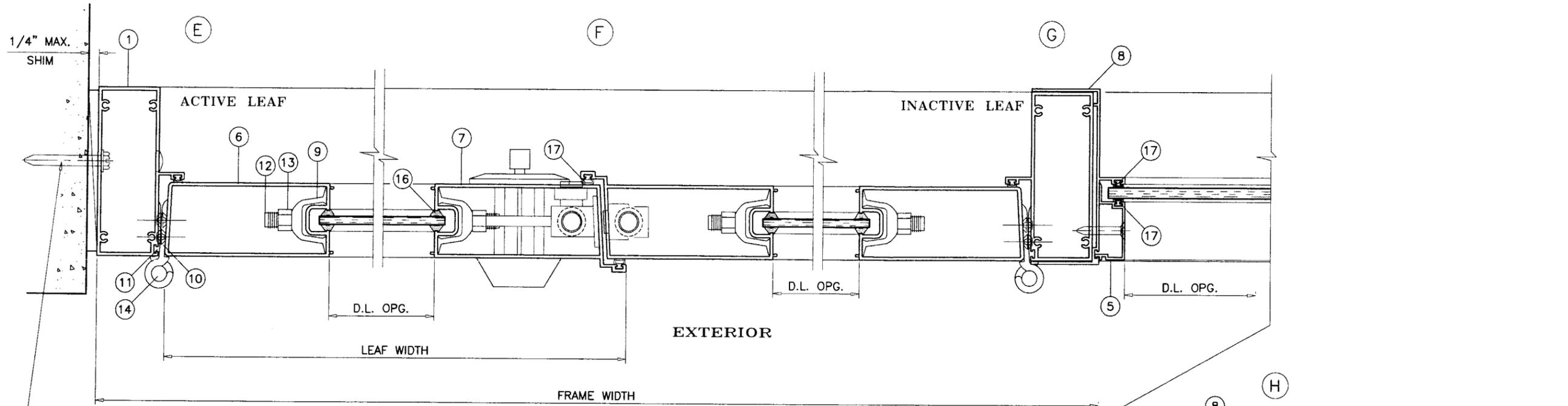
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B	11.09.06		REV. PER BCCO COMMENTS

revisions:

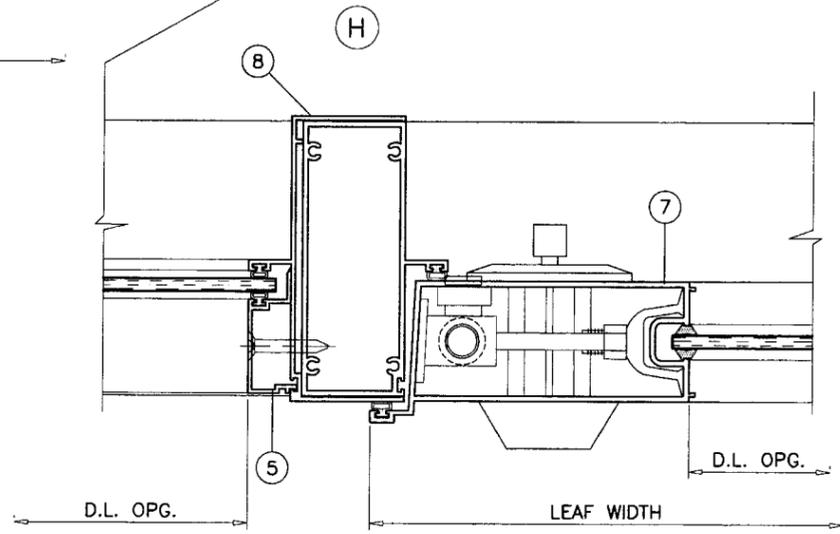
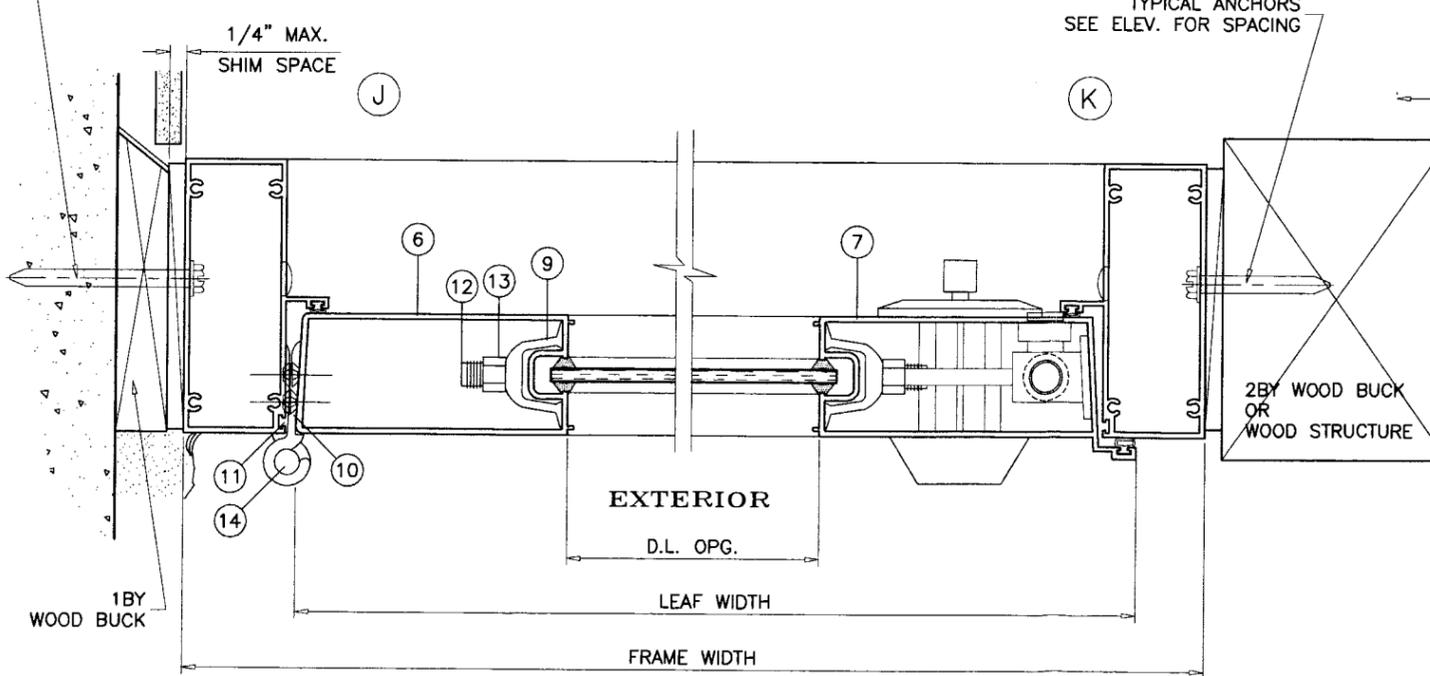
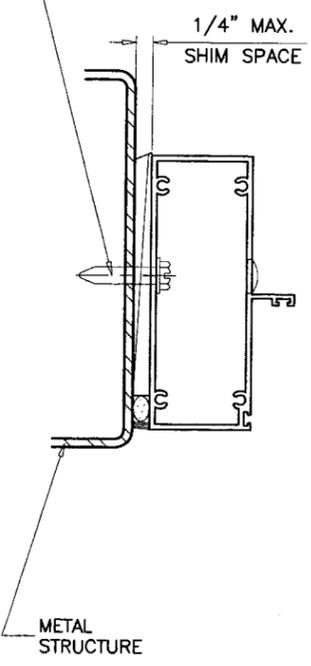
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 dr. by: HAMID
 chk. by:

drawing no.
W98-58

sheet 3 of 6



TYPICAL ANCHORS
SEE ELEV. FOR SPACING



Engr: DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
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afC

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SERIES-100 ALUM SWING DOOR W/ SIDELITES

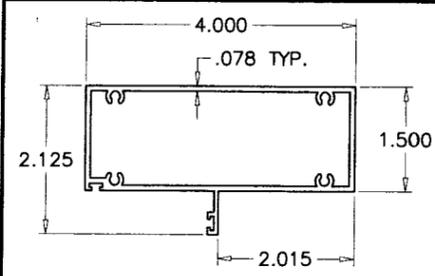
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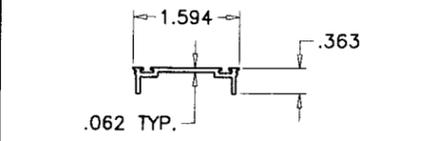
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B	11.09.06		NO CHANGE THIS SHEET

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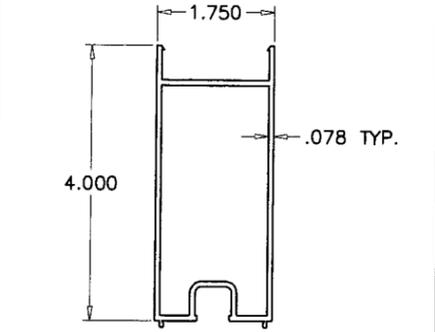
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W98-58
sheet 4 of 6



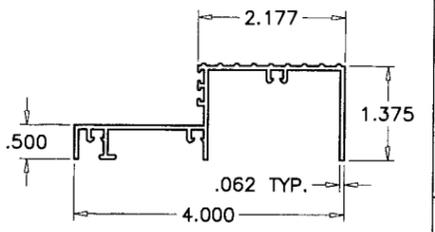
FRAME HEAD/JAMB



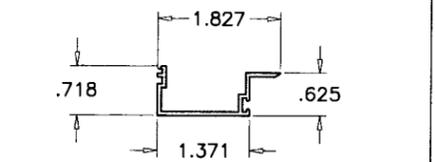
WEATHERSTRIP ADAPTER



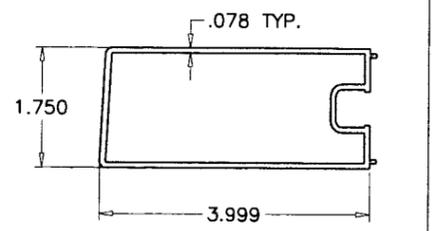
TOP/BOTTOM RAIL



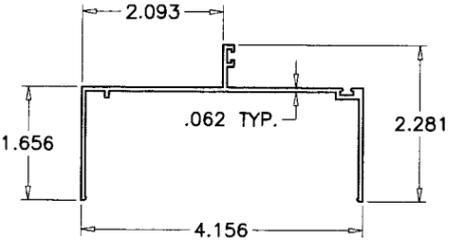
TOP/BOTTOM RAIL



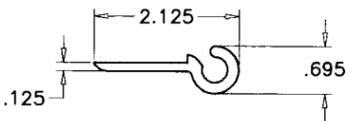
SIDE LITE GLAZING BEAD



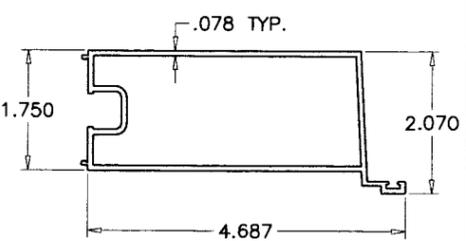
HINGE STILE



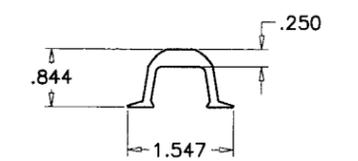
SIDE LITE JAMB



HINGE



LOCK STILE



ASSEMBLY STIFFENER

ITEM #	PART #	REQD.	DESCRIPTION	MATERIALS/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
5	SW-28902	AS REQD.	SIDE LITE GLAZING BEAD	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-T5
11	SW-29245	3/LEAF	HINGE FRAME PORTION	6063-T5
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	PLATED STEEL
15	-	8/LEAF	1/4" SETTING BLOCK	NYLON
16	PW-100	AS REQD.	GLAZING WEDGE	VINYL
17	PW-101	AS REQD.	BULB WEATHERSTRIPPING	VINYL
18	PB-8400	AS REQD.	PILE WEATHERSTRIPPING	SCHLEGEL
19	SILICONE PLUS	-	SILICONE	DOW CORNING OR EQUIV.
20	5025	AS REQD.	FLUSH BOLTS	DELTA IND. OR EQUIV.
21	CP-B111	-	ENTRY LOCKSET	TACO OR WESTLOCK
22	#8X1" PHPS	4/ CORNER	ASSEMBLY SCREWS	FRAME HEAD CORNERS
23	#8X2-1/2" PHPS	3/ CORNER	ASSEMBLY SCREWS	FRAME SILL CORNERS

LOCKS:

STANDARD STEEL THROW BOLT LOCK, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 53" FROM BOTTOM

CONVENTIONAL LOCKSET WITH KNOB, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 43" FROM BOTTOM

CONCEALED THROW BOLTS AT TOP & BOTTOM OF EACH INACTIVE LEAF LOCK STILE

MANUALLY OPERATED SLIDE BAR 3/4" X 1/4" X 12" LONG AT TOP & BOTTOM OF EACH ACTIVE LEAF LOCK STILE

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 7" FROM TOP & BOTTOM AND ONE AT MIDSPAN

Engr: DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538
[Signature]
DEC 05 2006

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. *06-0905-01*
Expiration Date *09/14/11*
By *[Signature]*
Miami Dade Product Control
Division

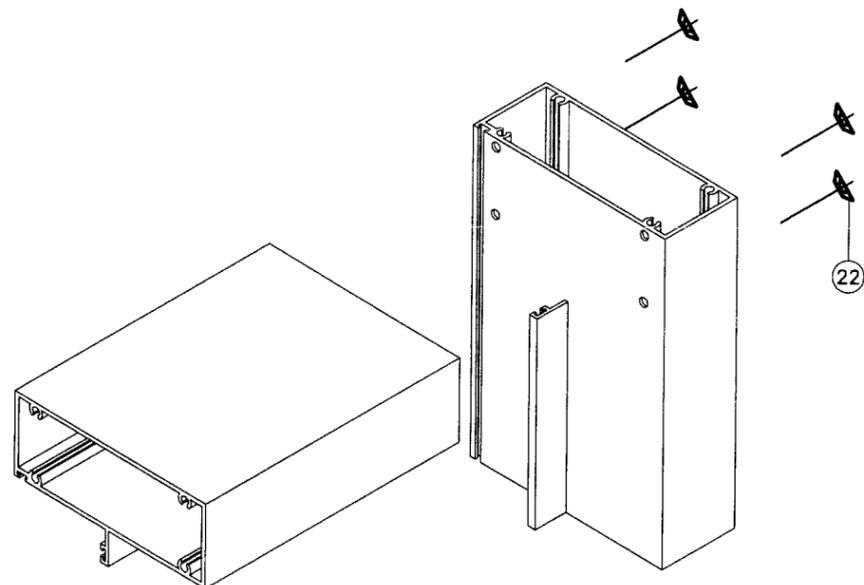
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W98-58DAC-NEW

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

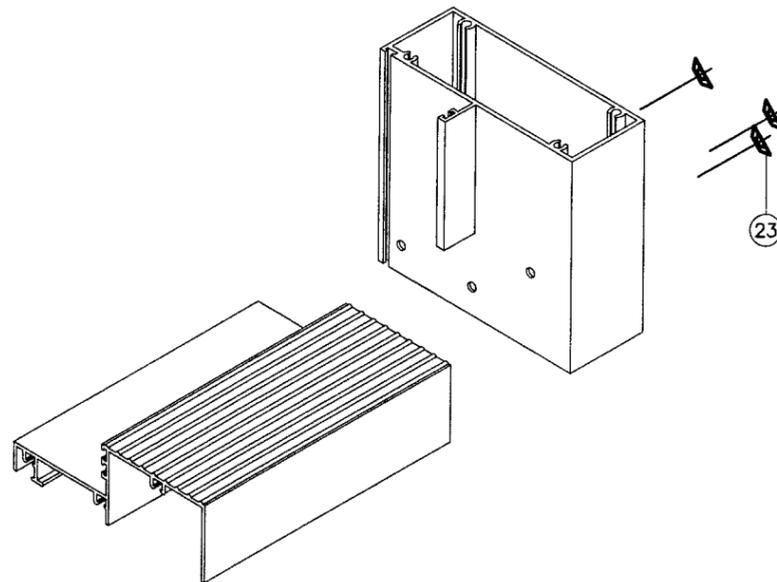
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A	07.25.06		UPDATED FOR 2204 FBC
B	11.09.06		NO CHANGE THIS SHEET

revisions:
date: 07-31-98
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

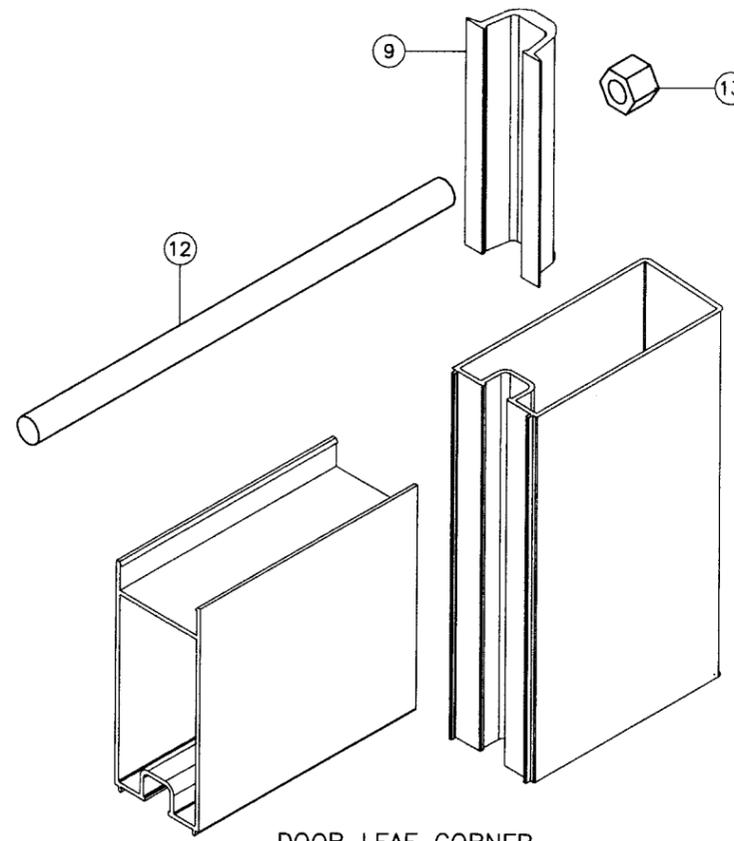
drawing no.
W98-58
sheet 5 of 6



FRAME TOP CORNER



FRAME BOTTOM CORNER



DOOR LEAF CORNER

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

[Handwritten Signature]

DEC 05 2006

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 06-0905-01
Expiration Date 04/11/11
By *[Handwritten Signature]*
Miami Dade Product Control
Division

afc
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