



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

Doralum Corporation
7040 N. W. 77 Terrace
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 and accepted by Miami-Dade County RER -Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 Doors w/wo Sidelites - Impact

APPROVAL DOCUMENT: Drawing No. **W13-03, Rev F**, titled "Series-100 Alum Swing Door w/ Sidelites", sheets 1 through 10 of 10 (inclusive 3.1, 7.1), prepared by Al-Farooq Corp., dated 01/30/13 and last revised 09/11/20, signed and sealed by Jalal 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations:

1. See DP tables for X or XX in sheet **1**, Door w/ sidelites (w/wo reinforcement) in sheet **3.1**. See Single sidelite (standalone) DP capacity in sheet **3**.
2. See allowable mulled configuration in sheet **3.1**, not to exceed (5) panels w/ max **two** mulled sidelites.
3. Max **door** leaf width mulled with sidelites in sheet **3.1**, shall not exceed = 36-7/8". See active panel 4-point locking or active panel dead lock w/ manual bolts option in sheet **4**.
4. Glass lites wider than 36" shall have two setting blocks per FBC requirements.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", 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 #20-0915.12** consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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



Ishaq I. Chanda

NOA No. 23-0221.05
Expiration Date: July 04, 2028
Approval Date: March 16, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA #13-0219.07)
2. Drawing No. **W13-03, Rev C**, titled "Series 100 Alum Swing Door w/ Sidelites (L.M.I.)", sheets 1 through 10 of 10 (inclusive 3.1), prepared by Al-Farooq Corp., dated 01/30/13 and last revised on 12/11/15, signed and sealed by Javad Ahmad, 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, TAS 202-94

Along with installation diagram of an outswing doors w/ sidelites prepared by Fenestration Testing Laboratory Inc, dated January 14, 2013, Test Report No **7086 (FTL-12087)**, signed and sealed by Marlin D. Brinson, P. E.

(Submitted under previous NOA #13-0219.07)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2014, 5th edition**, prepared by Al-Farooq Corporation, dated 06/19/15 and 12/11/15, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ ASTM E-1300-09

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to Kuraray America, Inc. for their "**Sentry Glas ® (Clear and White) Interlayer**", dated 06/25/2015, expiring on 07/04/2018.
2. Notice of Acceptance No. **14-0916.10** issued to Kuraray America, Inc. for their "**Kuraray Butacite ® PVB Glass Interlayer**", dated 06/25/15, expiring on 12/11/16.
3. Notice of Acceptance No. **14-0423.17** issued to Eastman Chemical Company, (MA) for "**Saflex Clear and Color Glass Interlayers**", expiring on 05/21/16.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0221.05
Expiration Date: July 04, 2028
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Doralum Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance and letter of no financial interest, prepared by Al-Farooq Corporation, dated 06/20/15, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance as part of the above referenced test report.

G. OTHER

1. Notice of Acceptance No. **13-0219.07**, issued to Doralum Corporation for their Series “100” Aluminum Outswing Doors w/wo Sidelites – Impact, approved on 07/04/13 and expiring on 07/04/18.
2. Test proposal, dated 08/21/12 approved by Jaime D. Gascon, P.E.

2. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **W13-03, Rev E**, titled “Series-100 Alum Swing Door w/ Sidelites (L.M.I.)”, sheets 1 through 10 of 10 (inclusive 3.1 and 7.1), prepared by Al-Farooq Corp., dated 01/30/13 and last revised on 04/16/18, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)**, prepared by Al-Farooq Corporation, dated 01/15/18 and revised 04/20/18, signed and sealed by Javad Ahmad, P. E.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. for their “**Sentry Glas[®] (Clear and White) Interlayer**”, expiring on 07/04/2023.
2. Notice of Acceptance No. **17-1114.14** issued to Kuraray America, Inc. for their “**Trosifol[®] Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/19.
3. Notice of Acceptance No. **17-0712.05** issued to Eastman Chemical Company, (MA) for “**Saflex Clear and Color Glass Interlayers**”, expiring on 05/21/21.

F. STATEMENTS

1. Statement letter of conformance and letter of no financial interest, prepared by Al-Farooq Corporation, dated 12/19/17, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA revises NOA #15-0706.03, expiring on 07/04/18.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0221.05
Expiration Date: July 04, 2028
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Doralum Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **W13-03, Rev F**, titled “Series-100 Alum Swing Door w/ Sidelites”, sheets 1 through 10 of 10 (inclusive 3.1, 7.1), prepared by Al-Farooq Corp., dated 01/30/13 and last revised 09/11/20, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 7th Edition (2020)**, prepared by Al-Farooq Corporation, dated 09/11/20, signed and sealed by Jalal Farooq, P. E.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. for their “**Sentry Glas[®] (Clear and White) Interlayer**”, expiring on 07/04/2023.
2. Notice of Acceptance No. **17-1114.14** issued to Kuraray America, Inc. for their “**Trosifol[®] Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/19.
3. Notice of Acceptance No. **17-0712.05** issued to Eastman Chemical Company, (MA) for “**Saflex Clear and Color Glass Interlayers** “, expiring on 05/21/21.

F. STATEMENTS

1. Statement letter of conformance to FBC 2020 (7th Edition) and letter of no financial interest, prepared by Al-Farooq Corporation, dated 11/09/20, signed and sealed by Jalal Farooq, P.E.

G. OTHER

1. This NOA revises NOA #**18-0122.18**, expiring on 07/04/23.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0221.05
Expiration Date: July 04, 2028
Approval Date: March 16, 2023

Doralum Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **W13-03, Rev F**, titled “Series-100 Alum Swing Door w/ Sidelites”, sheets 1 through 10 of 10 (inclusive 3.1, 7.1), prepared by Al-Farooq Corp., dated 01/30/13 and last revised 09/11/20, signed and sealed by Jalal Farooq, P.E.

Note: This is a renewal without change.

B. TESTS

1. None.

C. CALCULATIONS (submitted under previous approval)

1. None.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. for their “**Sentry Glas® (Clear and White) Interlayer**”, expiring on 07/04/2023.
2. Notice of Acceptance No. **20-0915.02** issued to Kuraray America, Inc. for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.
3. Notice of Acceptance No. **21-0216.01** issued to Eastman Chemical Company, (MA) for “**Saflex Clear and Color Glass Interlayers**“, expiring on 05/21/26.

F. STATEMENTS

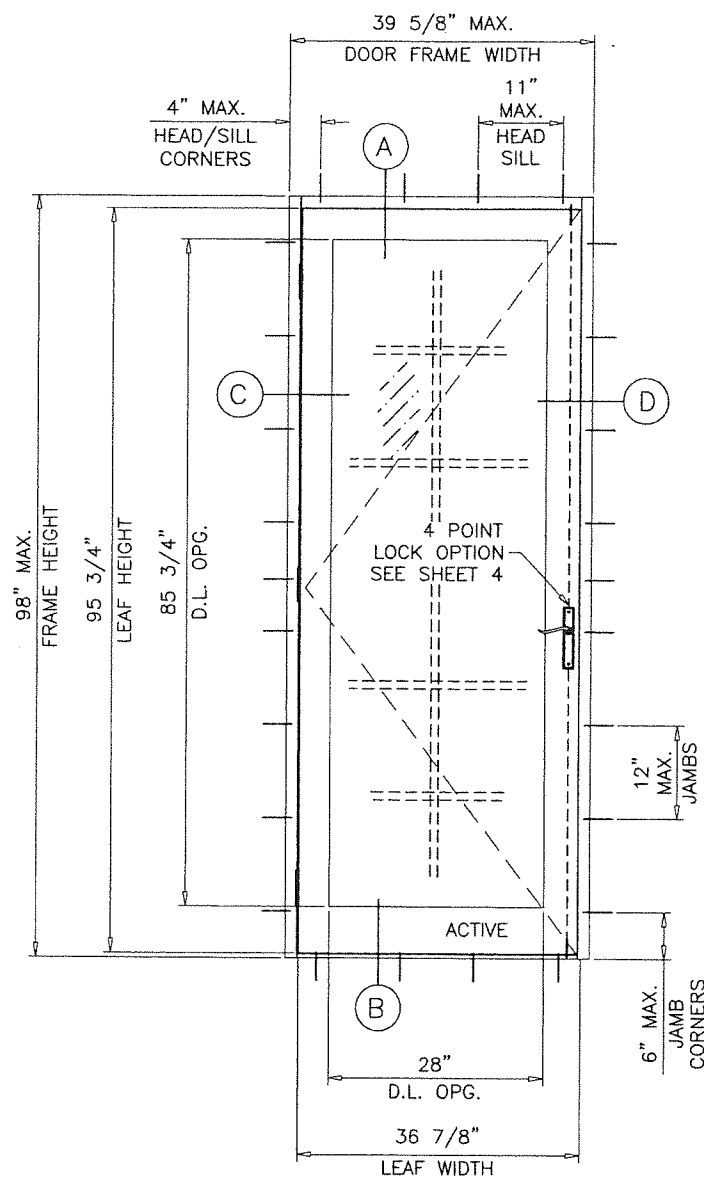
1. Statement letter of conformance to FBC 2020 (7th Edition) and request renewal with no change, prepared by Al-Farooq Corporation, dated 02/16/23, signed and sealed by Jalal Farooq, P.E.

G. OTHER

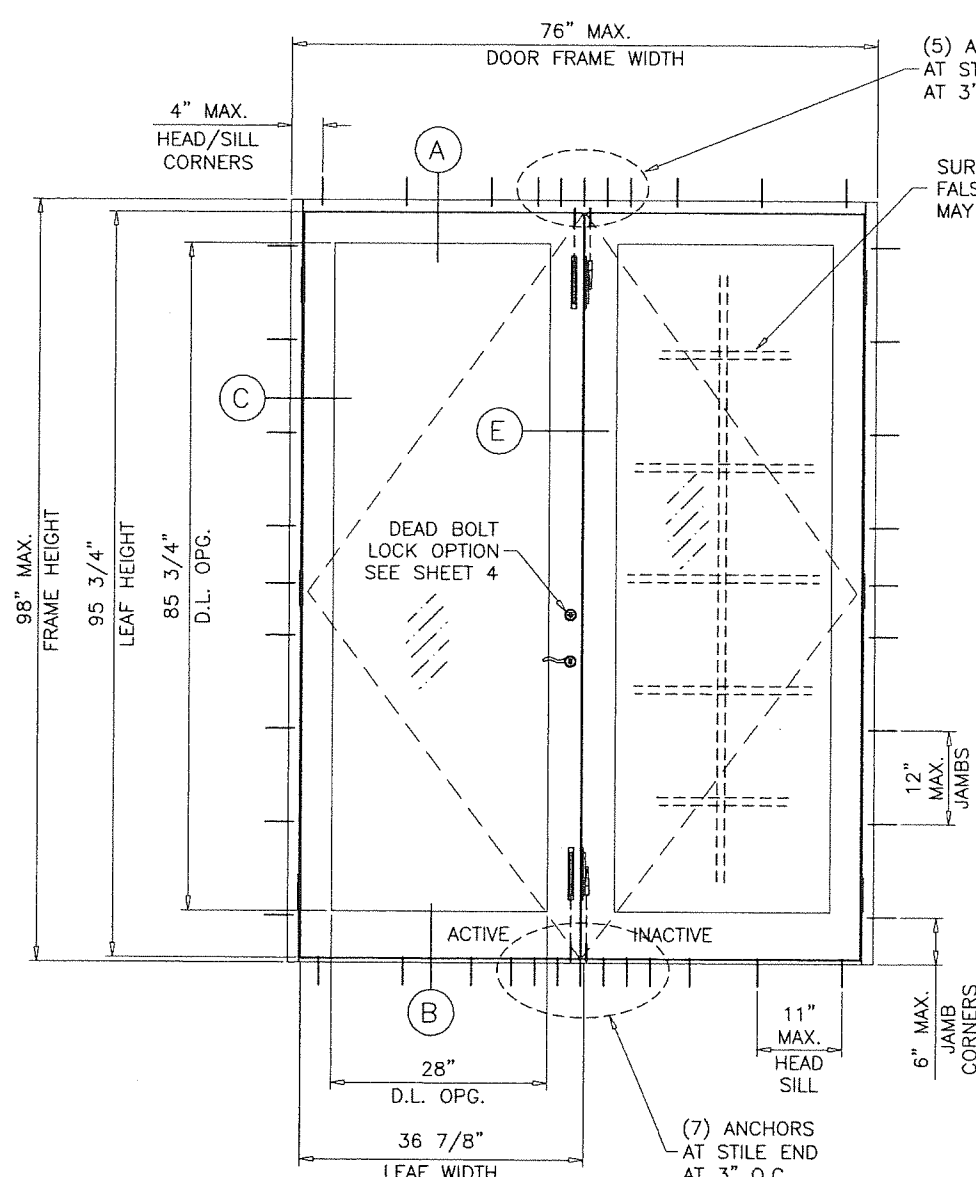
1. This NOA **renews NOA #20-0915.12**, expiring on 07/04/28.
2. RER e-mail correspondence dated FEB 14, 2023.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0221.05
Expiration Date: July 04, 2028
Approval Date: March 16, 2023



TYPICAL ELEVATION
(X)



TYPICAL ELEVATION
(XX)

TABLE 1

DOORS LOAD CAPACITY - PSF SINGLE DOORS (X)				
DOOR DIMS.			LAMINATED GLASS	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)
39-5/8"	36-7/8"	98"	65.0	80.0

NOTE:
COMPLIANCE WITH EGRESS REQUIREMENTS TO BE REVIEWED BY
BLDG. OFFICIAL PER FBC, AS APPLICABLE.

NOTE:
FLUSH BOLTS AND LOCKS MUST BE
ENGAGED TO HEAD AND SILL DURING
PERIODS OF HURRICANE WARNING.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

TABLE 2

DOORS LOAD CAPACITY - PSF DOUBLE (XX)				
DOOR DIMS.			LAMINATED GLASS	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)
76"	36-7/8"	98"	65.0	80.0

DOOR LEAF HEIGHT = FRAME HEIGHT - 2.250"
DOOR LEAF WIDTH (X DOORS) = FRAME WIDTH - 2.750"
DOOR LEAF WIDTH (XX DOORS) = (FRAME WIDTH - 2.250")/2
D.L.O. HEIGHT = FRAME HEIGHT - 12.250"
D.L.O. WIDTH (X DOORS) = FRAME WIDTH - 11.625"
D.L.O. WIDTH (XX DOORS) = (FRAME WIDTH - 20")/2

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-0221.05

Expiration Date 07/04/2028

By Ishag I. Chank
Miami-Dade Product Control

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

SERIES 100 ALUMINUM FRENCH 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 TABLES 1 & 2 FOR SINGLE OR DOUBLE LEAF DOORS CAPACITIES
ON SHEET 1.
SEE TABLE 3 FOR STATIONARY PANEL (O) CAPACITY ON SHEET 3.
SEE TABLE 4 FOR SIDELITE AND SIDELITE MULLION CAPACITY ON
SHEET 4.
THE LOWEST VALUE FROM DOOR CAPACITY TABLES OR MULLION
CAPACITY TABLE WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH EDITION) FLORIDA
BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE
DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS
TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

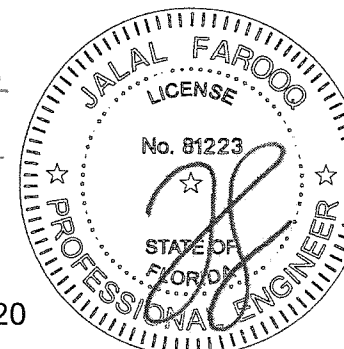
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2017/2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 20-0915-12
Expiration Date 7/4/23
By Ishag I. Chank
Miami-Dade Product Control



Sealed: 09/11/2020

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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

SERIES-100 ALUM SWING DOOR W/ SIDELITES (L.M.I.)
DORALUM CORPORATION
7040 N.W. 77 TERRACE
MIAMI, FL. 33166
TEL. (305) 884-3922 FAX (305) 884-1464

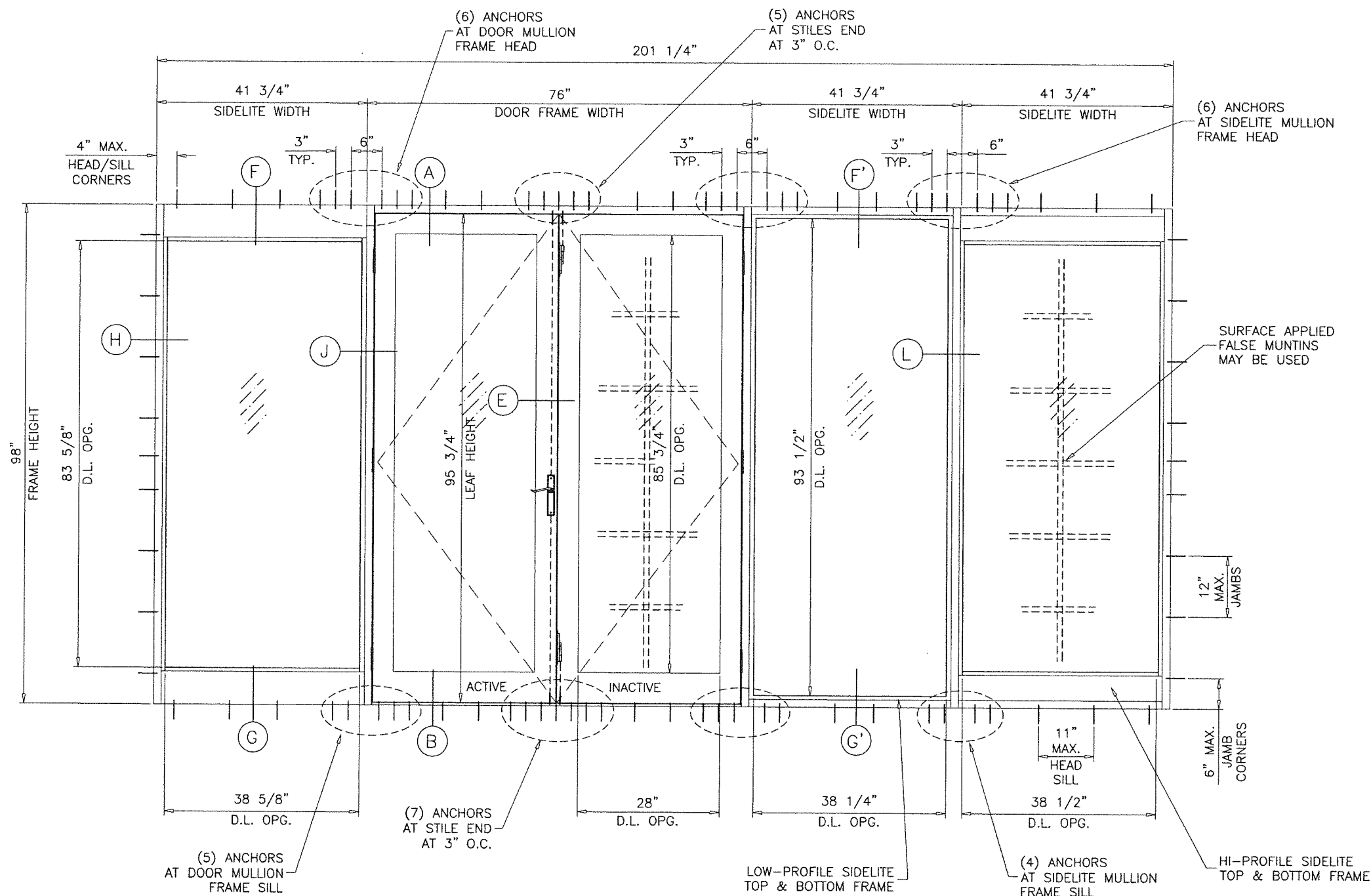
no	date	by	description
C	12.11.15	REV. PER	REV COMMENTS
D	01.09.18	UPDATED	TO 2017 FBC
E	04.16.18	NO CHANGE	THIS SHEET
F	09.04.20	UPDATED	TO 2020 FBC

date: 01-30-13
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
W13-03

sheet 1 of 10

COMP-ANL\W13-03DAC



TYPICAL ELEVATION

(OXXOO)

(SEE INSTRUCTIONS IN SHEET 3 TO DETERMINE ENTIRE ASSEMBLY DESIGN LOAD RATING)

SIDELITE OPTIONS

GLASS D.L.O. DIMS.

D.L.O. HEIGHT (HIGH PROFILE SIDELITE) = FRAME HEIGHT - 14.375"
D.L.O. WIDTH (LOW PROFILE SIDELITE) = FRAME WIDTH - 4.50"
D.L.O. WIDTH (SIDELITE) = FRAME WIDTH - 4.875"
D.L.O. HEIGHT (DOOR) = FRAME HEIGHT - 12.250"
D.L.O. WIDTH (X DOORS) = FRAME WIDTH - 11.625"
D.L.O. WIDTH (XX DOORS) = (FRAME WIDTH - 20")/2

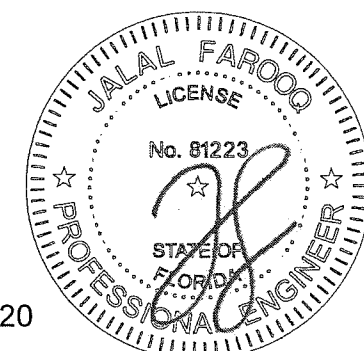
- NOTES:
1. DOORS ARE VIEWED FROM OUTSIDE.
2. FRENCH DOORS WITHOUT INSECT SCREENS.

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-0221.05

Expiration Date 07/04/2028

By Ishag I. Chande
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0915.12
Expiration Date 7/4/23
By Ishag I. Chande
Miami-Dade Product Control



Sealed: 09/11/2020

AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
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(C.A.N. 3538)
COMP-ANL\W13-03DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES (L.M.I.)
DORALUM CORPORATION
7040 N.W. 77 TERRACE
MIAMI, FL. 33166
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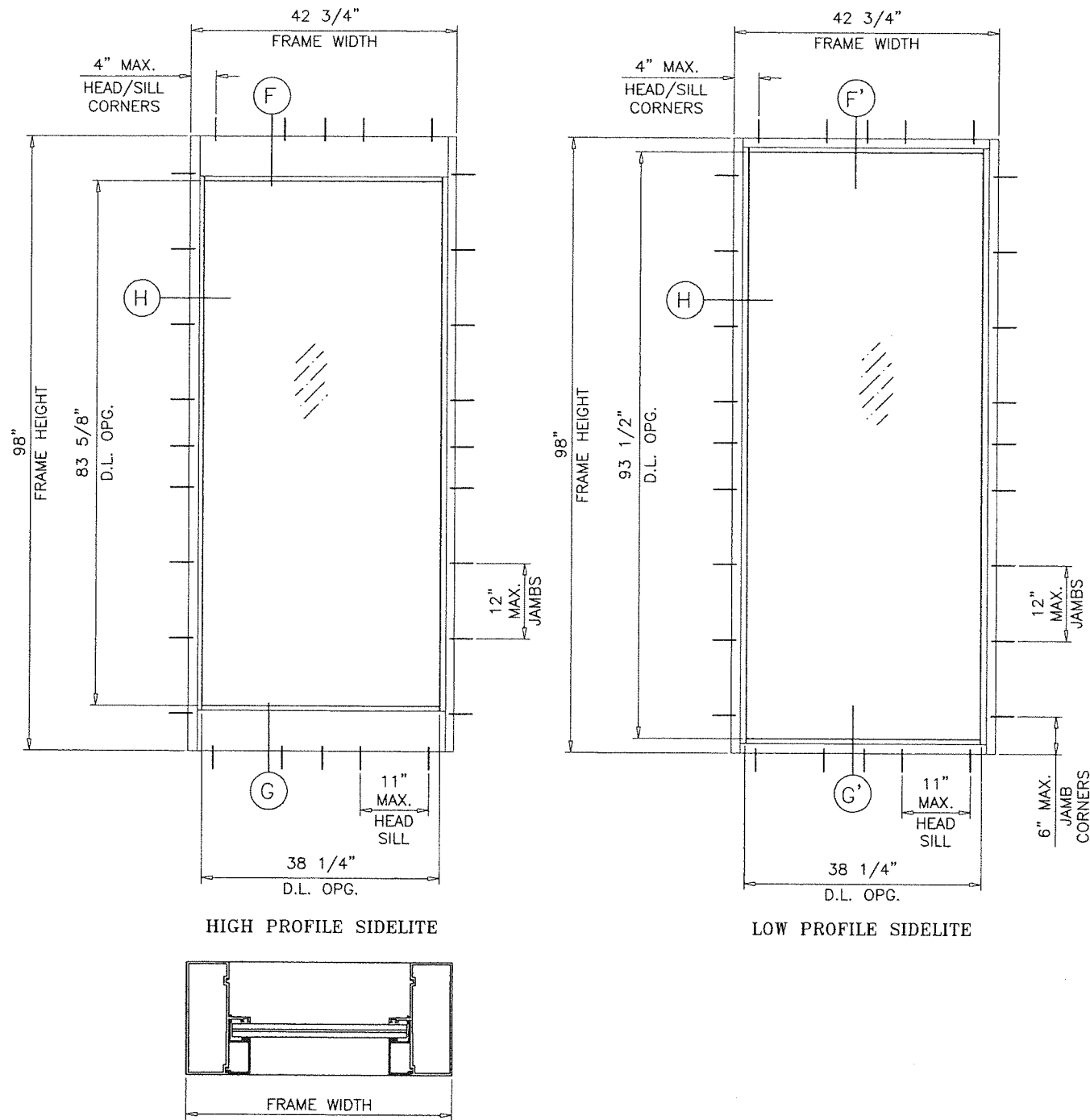
revisions:	no.	date	by	description
	C	12.11.15	REV. PER RER COMMENTS	
	D	01.09.18	UPDATED TO 2017 FBC	
	E	04.16.18	REV. PER RER COMMENTS	
	F	09.04.20	EDITORIAL CHANGES	

date:	01-30-13
scale:	1/2" = 1'-0"
dr. by:	TARIQ
chk. by:	

drawing no.	W13-03
sheet	2 of 10

TABLE 3

DESIGN LOAD CAPACITY - PSF			
FRAME WIDTH INCHES	FRAME HEIGHT INCHES	STATIONARY PANEL (0)	
		EXT.(+)	INT.(-)
41 3/4	82 1/2	65.0	80.0
42		64.6	79.5
45		60.3	74.2
48		56.5	69.6
41 3/4	84	65.0	80.0
42		64.6	79.5
45		60.3	74.2
48		56.5	69.6
41 3/4	90	65.0	80.0
42		64.6	79.5
45		60.3	74.2
41 3/4	96	65.0	80.0
42 3/4		64.6	79.5
41 3/4	98	65.0	80.0
42 3/4		63.5	78.1

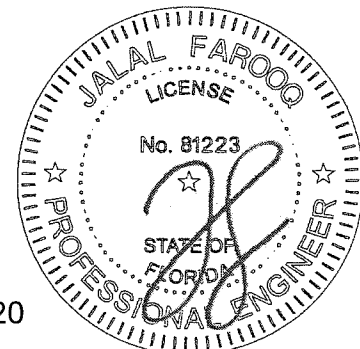


TYPICAL ELEVATIONS
(0)

PRODUCT RENEWED
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By Ishag I. Chande
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PRODUCT REVIEWED
as complying with the Florida
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Expiration Date 7/4/23
By Ishag I. Chande
Miami-Dade Product Control

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS).



Sealed: 09/11/2020

AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
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SERIES-100 ALUM SWING DOOR W/ SIDELITES (L.M.I.)

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no	date	by	description
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D	01.09.18	UPDATED TO 2017 FBC	
E	04.16.18	NO CHANGE THIS SHEET	
F	09.04.20	EDITORIAL CHANGES	

date: 01-30-13

scale: -

dr. by: TARIQ

chk. by:

drawing no.
W13-03

sheet 3 of 10

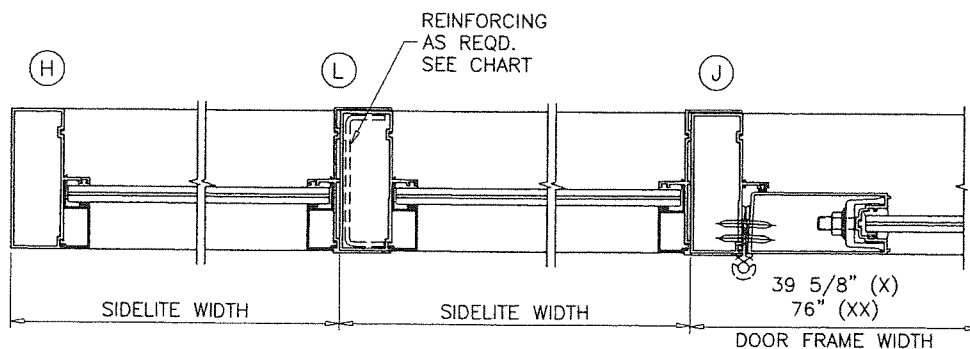
TABLE 4

MULLION/SIDELITE DESIGN LOAD CAPACITY - PSF										
SIDELITE FRAME HEIGHT INCHES	DOOR FRAME WIDTH INCHES	SIDELITE WIDTH INCHES	SIDELITE TO SIDELITE				SIDELITE TO DOOR			
			W/O REINF.		WITH REINF.		W/O REINF.		WITH REINF.	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
82 1/2	39 5/8" (X) 76" (XX)	24	65.0	80.0	65.0	80.0	65.0	80.0	65.0	80.0
		30	65.0	80.0	65.0	80.0	65.0	80.0	65.0	80.0
		36	65.0	80.0	65.0	80.0	65.0	80.0	65.0	80.0
		41-3/4	65.0	80.0	65.0	80.0	65.0	80.0	65.0	80.0
		42	64.6	79.5	64.6	79.5	64.6	79.5	64.6	79.5
		45	60.3	74.2	60.3	74.2	60.3	74.2	60.3	74.2
84	39 5/8" (X) 76" (XX)	48	56.5	69.6	56.5	69.6	56.5	69.6	56.5	69.6
		24	65.0	80.0	65.0	80.0	65.0	80.0	65.0	80.0
		30	65.0	80.0	65.0	80.0	65.0	80.0	65.0	80.0
		36	65.0	80.0	65.0	80.0	65.0	80.0	65.0	80.0
		41-3/4	65.0	80.0	65.0	80.0	65.0	80.0	65.0	80.0
		42	64.6	79.5	64.6	79.5	64.6	79.5	64.6	79.5
90	39 5/8" (X) 76" (XX)	45	60.3	74.2	60.3	74.2	60.3	74.2	60.3	74.2
		48	56.5	69.6	56.5	69.6	56.5	69.6	56.5	69.6
		24	65.0	80.0	65.0	80.0	65.0	80.0	65.0	80.0
		30	65.0	80.0	65.0	80.0	65.0	80.0	65.0	80.0
		36	65.0	78.9	65.0	80.0	65.0	72.7	65.0	80.0
		41-3/4	65.0	69.6	65.0	80.0	65.0	68.5	65.0	80.0
96	39 5/8" (X) 76" (XX)	42	64.6	69.3	64.6	79.5	64.6	68.3	64.6	79.5
		45	60.3	65.6	60.3	74.2	60.3	66.4	60.3	74.2
		24	65.0	80.0	65.0	80.0	65.0	69.7	65.0	80.0
		30	65.0	76.0	65.0	80.0	64.1	64.1	65.0	80.0
		36	64.5	64.5	65.0	80.0	59.6	59.6	65.0	80.0
		41-3/4	56.7	56.7	65.0	80.0	56.1	56.1	65.0	80.0
98	39 5/8" (X) 76" (XX)	42	56.5	56.5	64.6	79.5	56.0	56.0	64.6	79.5
		24	65.0	80.0	65.0	80.0	65.0	65.5	65.0	80.0
		30	65.0	71.4	65.0	80.0	60.3	60.3	65.0	80.0
		36	60.5	60.5	65.0	80.0	56.0	56.0	65.0	80.0
		41-3/4	53.2	53.2	65.0	80.0	52.7	52.7	65.0	80.0

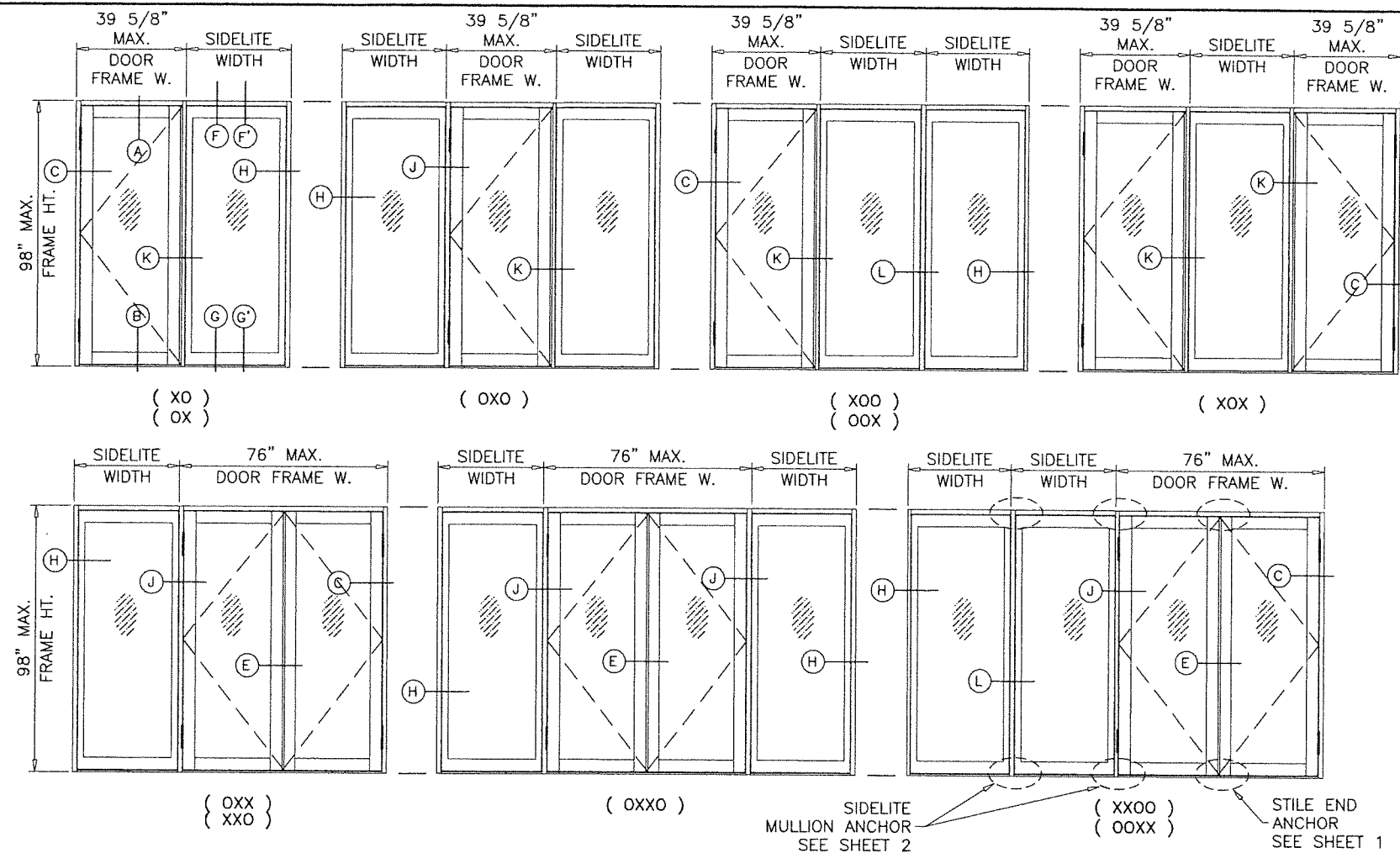
PRODUCT RENEWED
as complying with the Florida
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NOA-No. 23-0221.05

Expiration Date 07/04/2028

By Ishag I. Chant
Miami-Dade Product Control



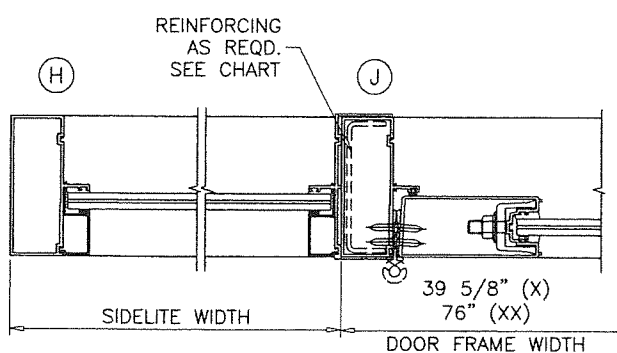
SIDELITE TO SIDELITE WITH DOORS



INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

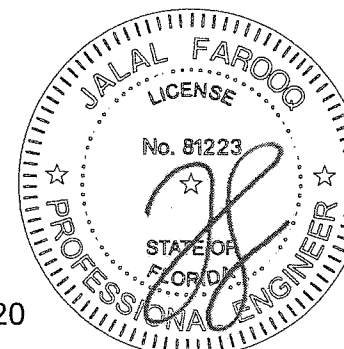
1. SELECT SINGLE OR DOUBLE DOORS CAPACITY FROM TABLES 1 OR 2 ON SHEET 1.
2. SELECT SIDELITE AND SIDELITE MULLION CAPACITY FROM TABLE 4.
3. LOWER VALUES FROM STEPS 1 OR 2 WILL APPLY TO ENTIRE SYSTEM.
4. SELECT LOCK OPTION AND CORRESPONDING MAX. DESIGN LOAD FROM SHEET 4.



SIDELITE TO DOOR

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 20-0915.12
Expiration Date 7/4/23
By Ishag I. Chant
Miami-Dade Product Control



Sealed: 09/11/2020

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

SERIES-100 ALUM SWING DOOR W/ SIDELITES (L.M.I.)
DORALUM CORPORATION
7040 N.W. 77 TERRACE
MIAMI, FL. 33166
TEL. (305) 884-3922 FAX (305) 884-1464

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scale: -
dr. by: TARIQ
chk. by:

drawing no.
W13-03

sheet 3.1 of 10

COMP-ANL\W13-03DAC

LOCK OPTIONS:

ACTIVE LEAF:

SURFACE MOUNT DEAD BOLT LOCK
AT 44-3/4" FROM BOTTOM, KEY OPERATED ON
EXTERIOR AND THUMB TURN ON INTERIOR
FASTENED TO ACTIVE LEAF LOCK STILE WITH
(2) #10-32 X 2" OH MS
(2) #8-32 X 1/2" FH MS
LEVER TYPE METALLIC HANDLE AT 38-3/4" FROM
BOTTOM, FASTENED TO ACTIVE LEAF LOCK STILE
WITH (2) #8-32 X 1-1/4" PH MS.
AND (2) #8-32 X 1/2" FH MS

CONCEALED FLUSH BOLTS BY 'REGENT'
MANUALLY OPERATED LEVERS MOUNTED ON STILE FACE,
LOCATED AT 11-1/2" AND 87-1/2" FROM BOTTOM
FASTENED TO LOCK STILE WITH
#8-32 X 1/2" FH MS (2) SCREWS PER BOLT

INACTIVE LEAF

CONCEALED FLUSH BOLTS BY 'REGENT'
MANUALLY OPERATED LEVERS MOUNTED ON
INSIDE FACE OF LEAF STILE LOCATED AT
11-1/2" AND 87-1/2" FROM BOTTOM
FASTENED TO LOCK STILE WITH
#8-32 X 1/2" FH MS (2) PER BOLT

ACTIVE LEAF:

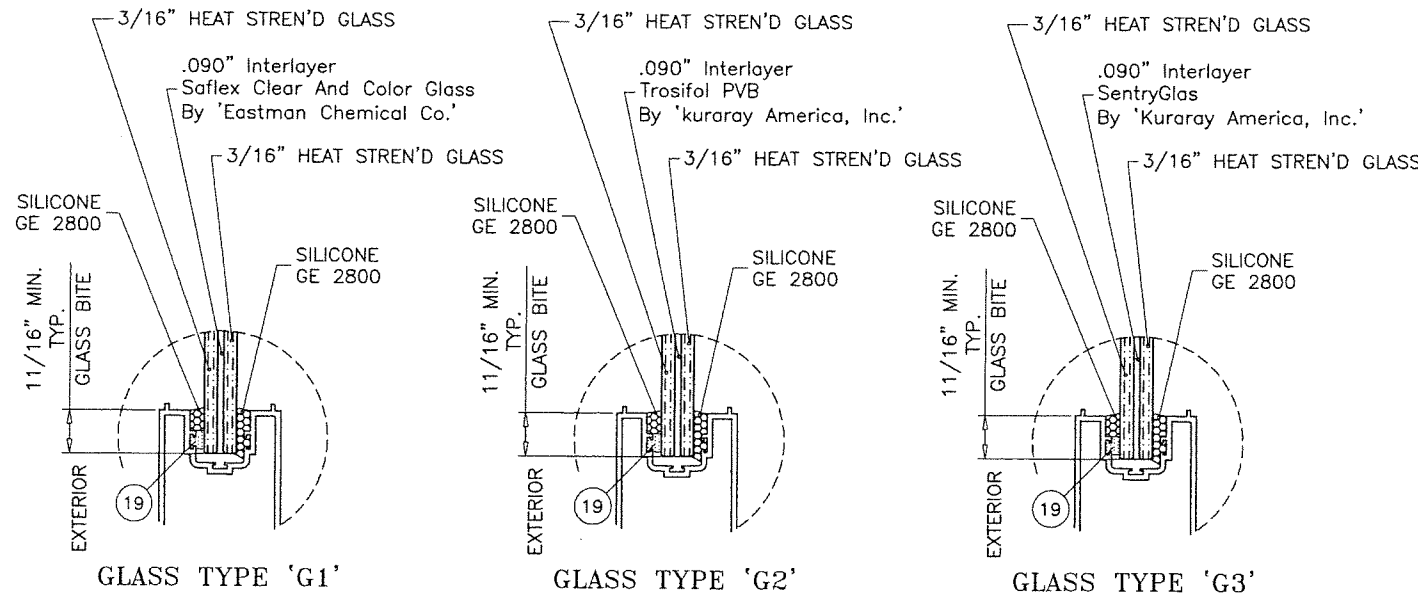
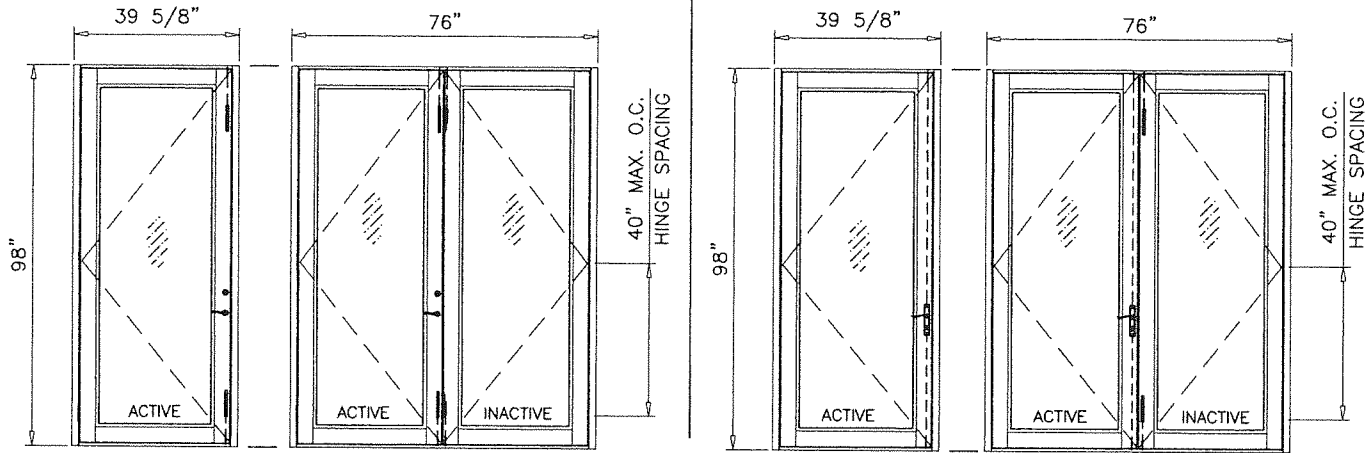
4 POINT LOCK SYSTEM BY 'INTERLOCK' AT 38-3/4"
FROM BOTTOM
HANDLE ACTIVATES DEAD BOLT AND SHOOT BOLTS
ENGAGING AT HEAD AND SILL
KEY OPERATED ON EXTERIOR AND THUMB TURN ON
INTERIOR
HANDLE FASTENED TO LOCK STILE WITH
(2) #8-32 X 2" OH MS
CENTER LOCK FASTENED TO LOCK STILE WITH
(2) #12-24 X 1/4" FH MS

INACTIVE LEAF:

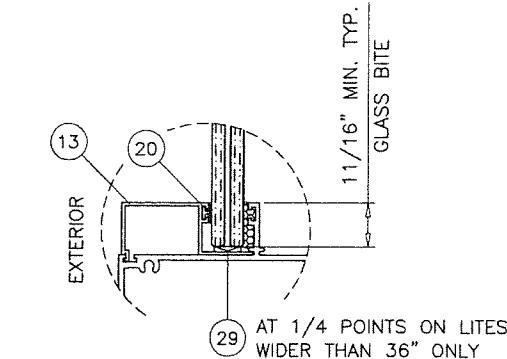
CONCEALED FLUSH BOLTS BY 'REGENT'
MANUALLY OPERATED LEVERS MOUNTED ON
INSIDE FACE OF STILE LOCATED AT
11-1/2" AND 87-1/2" FROM BOTTOM
FASTENED TO LOCK STILE WITH
#8-32 X 1/2" FH TC MS (2) SCREWS PER BOLT

HINGES:

3-1/2" X 7-5/8" X .122" THK. EXTRUDED ALUM HINGE
PART #FD-107 BY SULLIVAN & ASSOC.
3 HINGES PER LEAF
AT 9" FROM TOP AND BOTTOM AND AT MIDSPAN
(SPACING NOT TO EXCEED 40" O.C.)
HINGES FASTENED WITH #10 X 1" FH SMS
(5) SCREWS AT HINGE STILE
(6) SCREWS AT FRAME JAMB



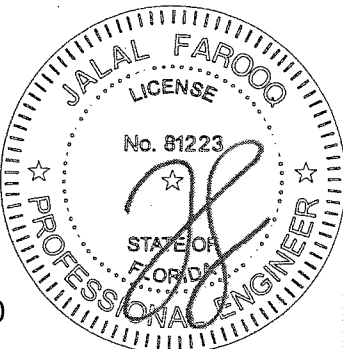
GLAZING OPTIONS



GLAZING DETAIL AT SIDELITE

PRODUCT RENEWED
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By *Shag I. Chand*
Miami-Dade Product Control

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By *Shag I. Chand*
Miami-Dade Product Control



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COMP-ANL\W13-03DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES (L.M.I.)

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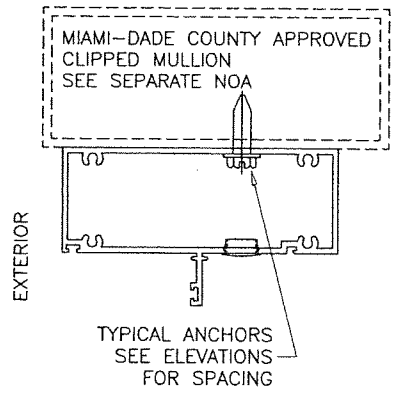
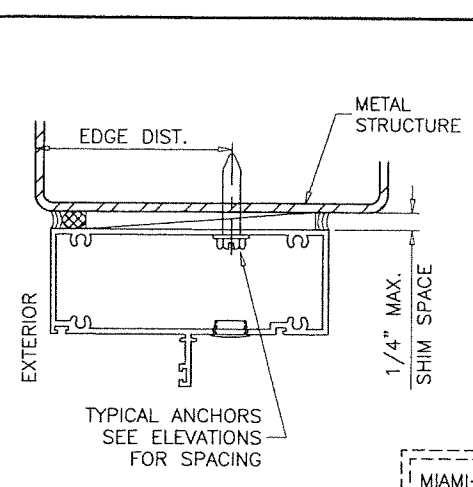
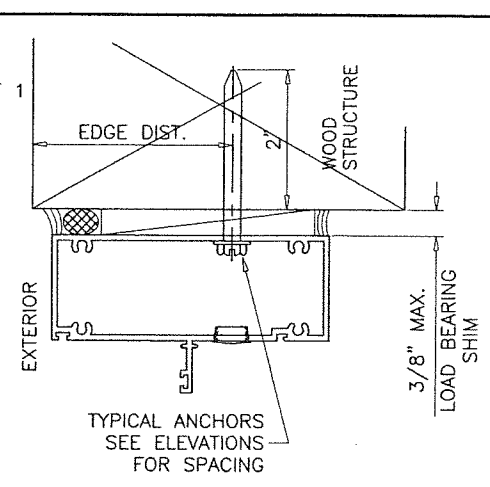
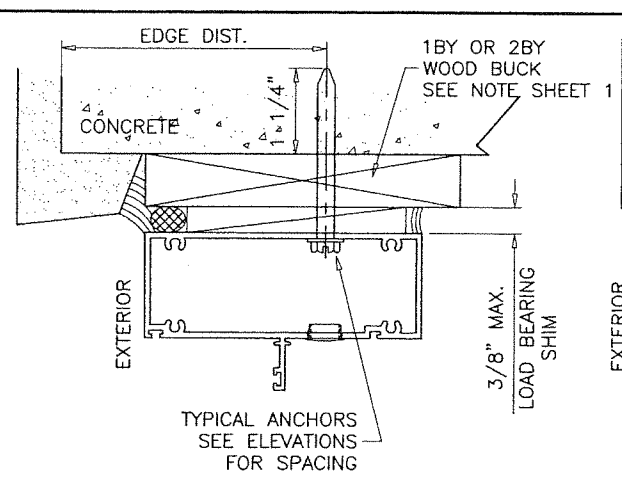
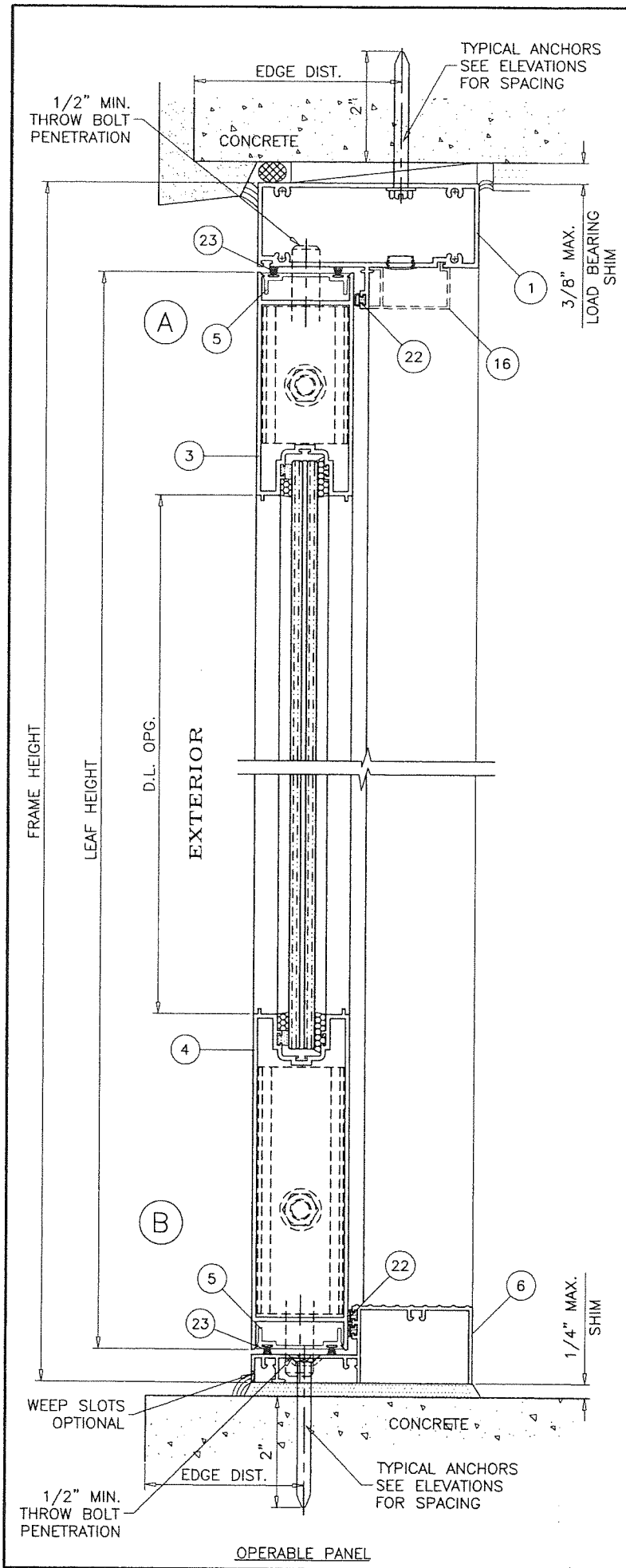
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drawing no.
W13-03

sheet 4 of 10



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" DIA. ULTRACON+ BY 'DEWALT' ($F_u=164$ KSI, $F_y=148$ KSI)

INTO WOOD STRUCTURES

2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

THRU 1BY OR 2BY BUCKS INTO CONC. OR BLOCKS

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS

2" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/4" MIN. EMBED INTO CONCRETE OR BLOCKS (JAMBS)

1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR

INTO METAL STRUCTURES (HEAD/JAMBS)

(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

STEEL: 1/8" THK. MIN. ($F_y = 36$ KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

CRITICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.

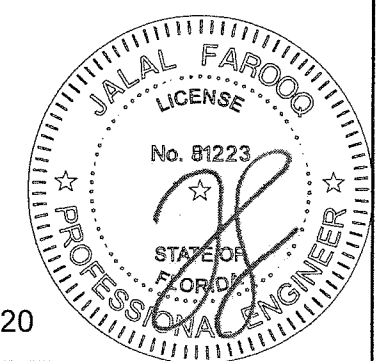
CONCRETE AT HEAD, SILL OR JAMBS $f'_c = 3000$ PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS $f'_m = 2000$ PSI MIN.

ANCHORS MAY BE HEX OR FLAT HEAD.

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By Isaac L. Chanda
Miami-Dade Product Control

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as complying with the Florida Building Code
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Isaac L. Chanda
Miami-Dade Product Control



DOOR DETAILS

Sealed: 09/11/2020

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MIAMI, FLORIDA 33173
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COMP-ANL\W13-03DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES (L.M.I.)

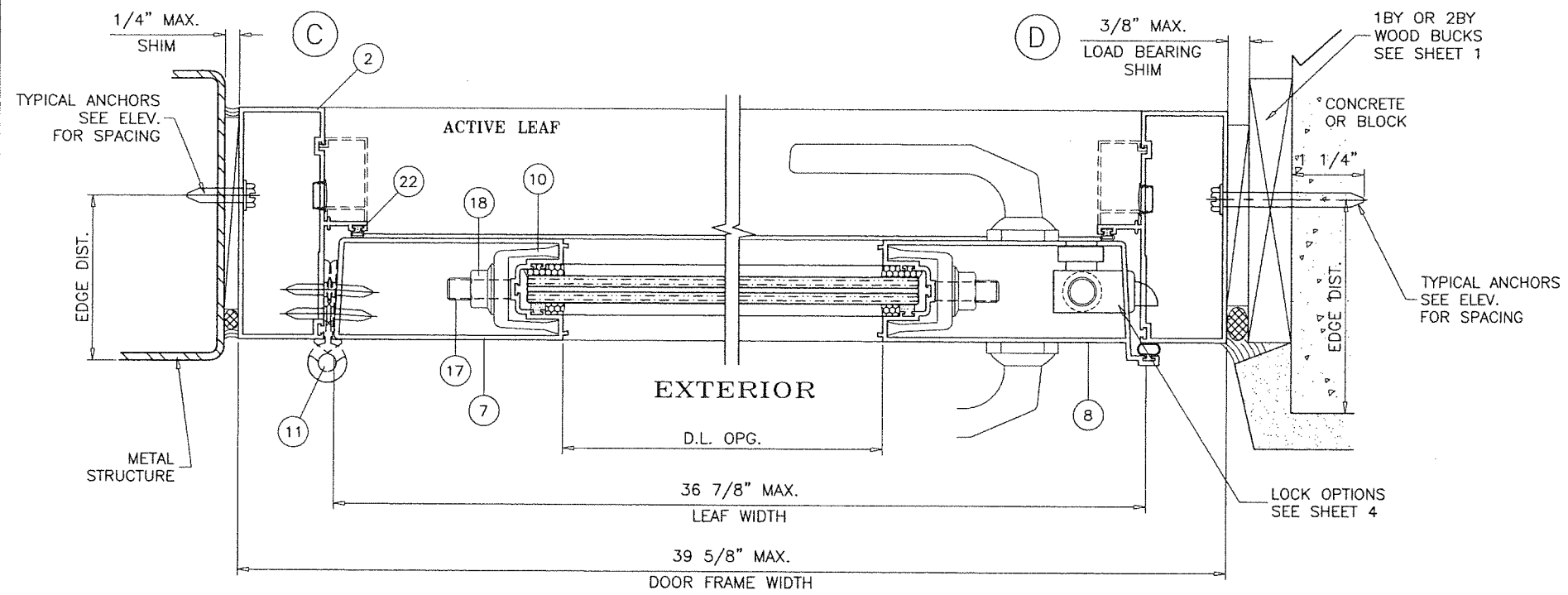
DORALUM CORPORATION
7040 N.W. 77 TERRACE
MIAMI, FL. 33166
TEL. (305) 884-3922 FAX (305) 884-1464

By Isaac L. Chanda
Miami-Dade Product Control

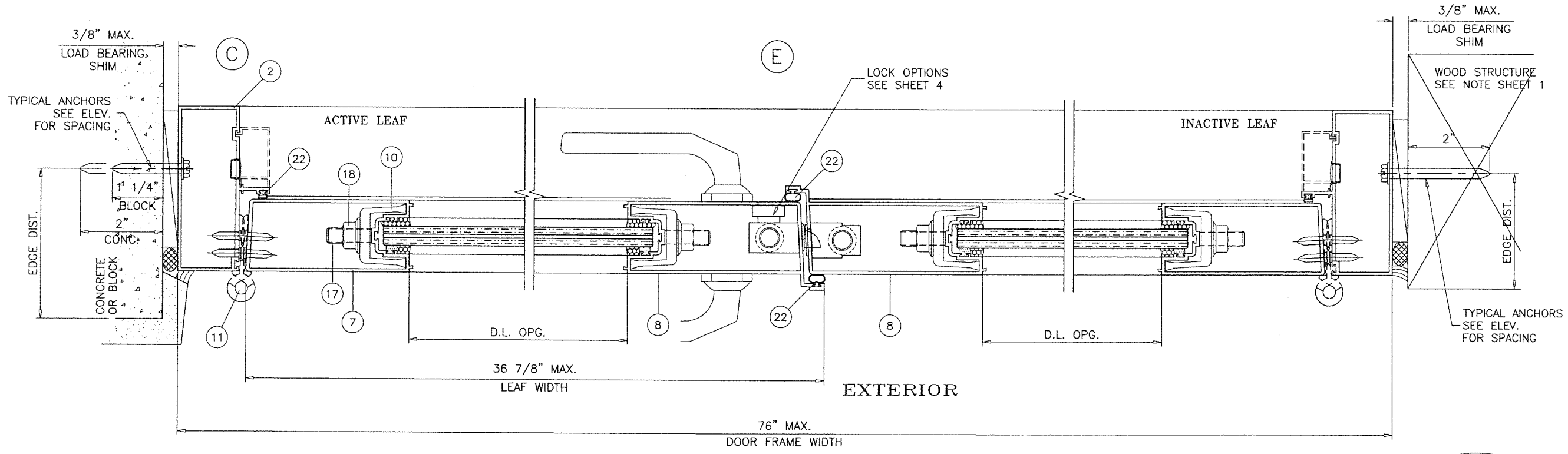
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chk. by:

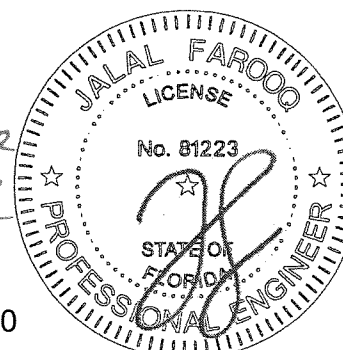
drawing no. **W13-03**
sheet 5 of 10



PRODUCT RENEWED
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 By Ishaq I. Chant
 Miami-Dade Product Control



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DOOR DETAILS

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COMP-ANL\W13-03DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES (L.M.I.)

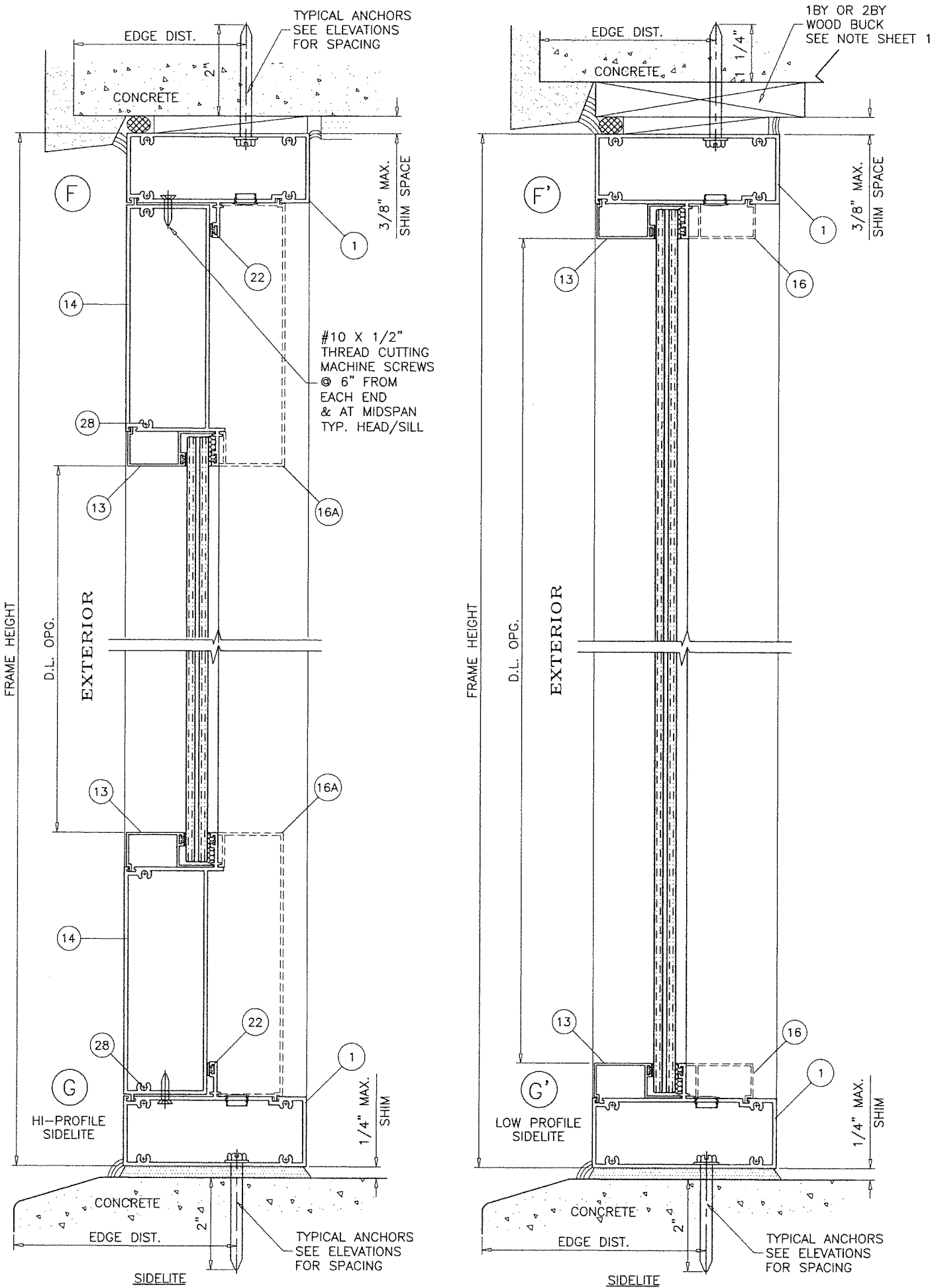
DORALUM CORPORATION
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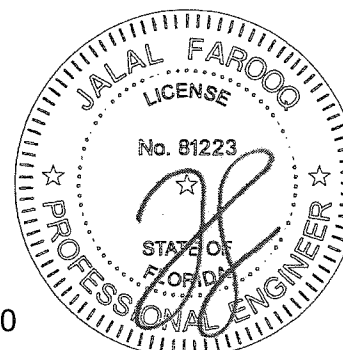
drawing no.
W13-03
 sheet 6 of 10



SIDELITE DETAILS

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 Miami-Dade Product Control

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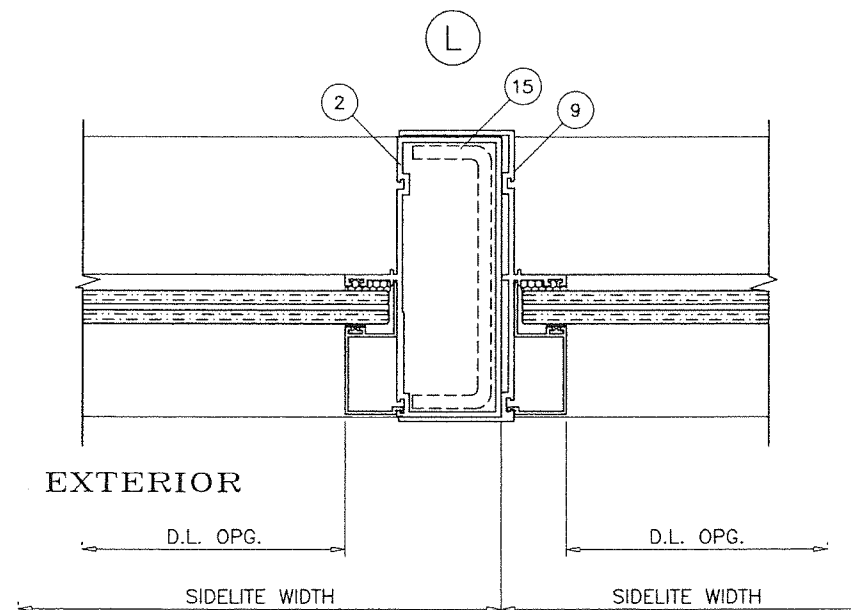
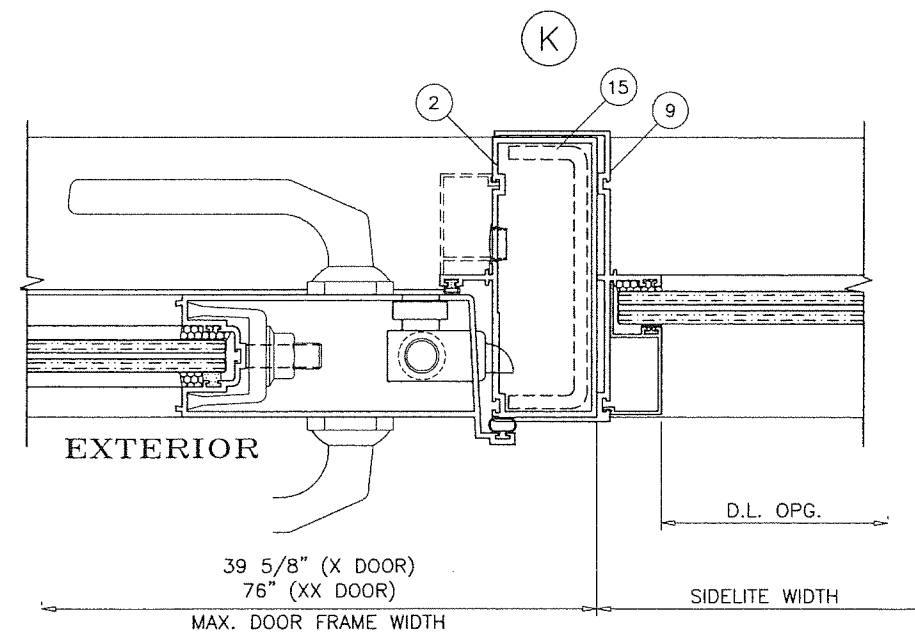
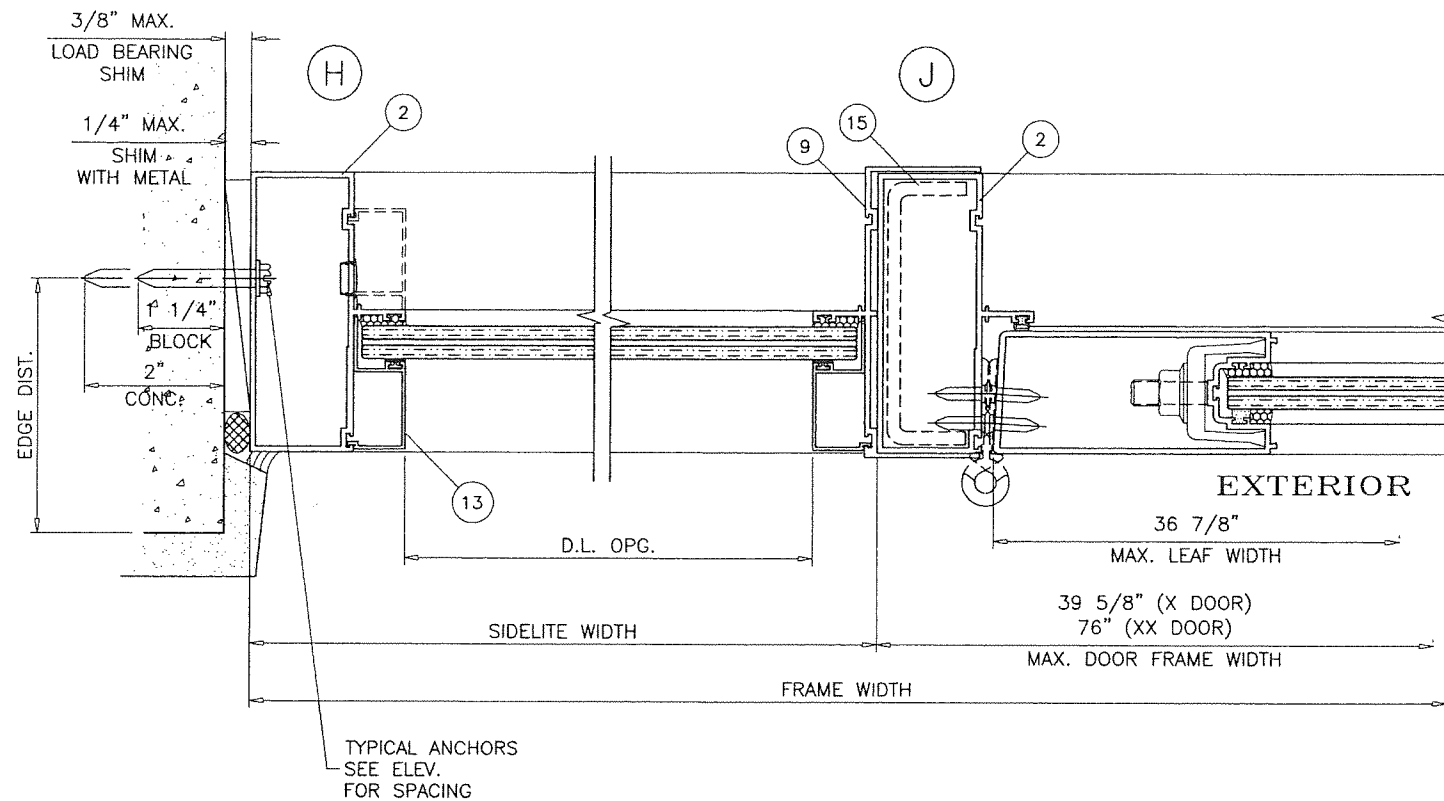
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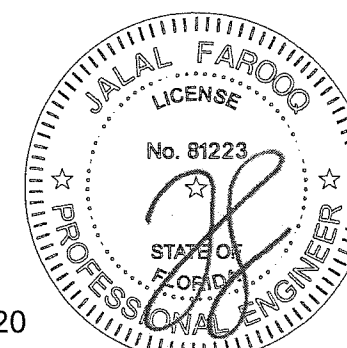
sheet 7 of 10

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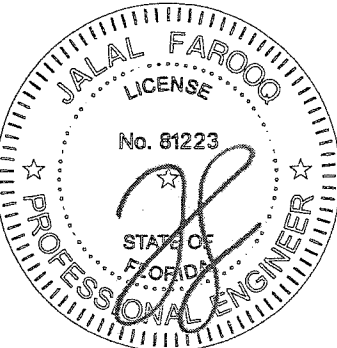
sheet 7.1 of 10

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	T-51493	1/DOOR	FRAME HEAD	6063-T6	-
2	T-51494	2/DOOR	FRAME JAMB	6063-T6	-
3	T-51503	1/LEAF	DOOR TOP RAIL	6061-T6	-
4	T-51492	1/LEAF	DOOR BOTTOM RAIL	6061-T6	-
5	T-11502	2/ LEAF	WEATHERSTRIP ADAPTER	6063-T6	-
6	SW-28898	1/DOOR	THRESHOLD	6063-T6	-
7	T-51520	1/LEAF	HINGE STILE	6063-T6	-
8	T-51496	1/LEAF	LOCK STILE	6063-T6	-
9	T-11500	AS REQD.	SIDELITE SLIP ON JAMB	6063-T6	-
10	T-11501	1/CORNER	ASSEMBLY STIFFENER	6063-T6	-
11	FD-107	3/LEAF	BUTT HINGES (.122" THK.)	ALUMINUM	SULLIVAN & ASSOC.
13	T-11499	AS REQD.	SIDELITE GLAZING BEAD	6063-T6	-
14	T-51504	AS REQD.	SIDELITE BASE ADAPTER	6063-T5	-
15	-	AS REQD.	SIDELITE REINF. CHANNEL	3003-H14	-
16	T-11498	AS REQD.	SCREW CAP (OPTIONAL)	6063-T5	-
16A	-	AS REQD.	SCREW CAP (OPTIONAL)	6063-T5	-
17	-	2/LEAF	3/8" X 16 THREADED ROD	STEEL	-
18	-	2/LEAF	3/8" X 16 NUT	-	-
19	-	AS REQD.	PVC INSERT	-	-
20	-	AS REQD.	ULTRAFAB	-	-
22	PW-101	AS REQD.	BULB WEATHERSTRIPPING	VINYL	-
23	PB-8400	AS REQD.	PILE WITH INTEGRAL FIN W'STRIPPING	-	SCHLEGEL
24	5025	AS REQD.	FLUSH BOLTS		DELTA IND.
25	CP-B111	-	ENTRY LOCKSET		KWIKSET
26	#8 X 1"	4/ CORNER	ASSEMBLY SCREWS, FH SELF DRILLING		AT ALL FRAME JOINTS
27	#8 X 2-1/2"	3/ CORNER	ASSEMBLY SCREWS, PH SMS		-
28	#8 X 1-1/2"	2/ CORNER	SIDELITE ASSEMBLY SCREWS, FH SELF DRILLING		-
29	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A

SEALANTS:

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

PRODUCT RENEWED
as complying with the Florida
Building Code
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By Isheq I. Chank
Miami-Dade Product Control



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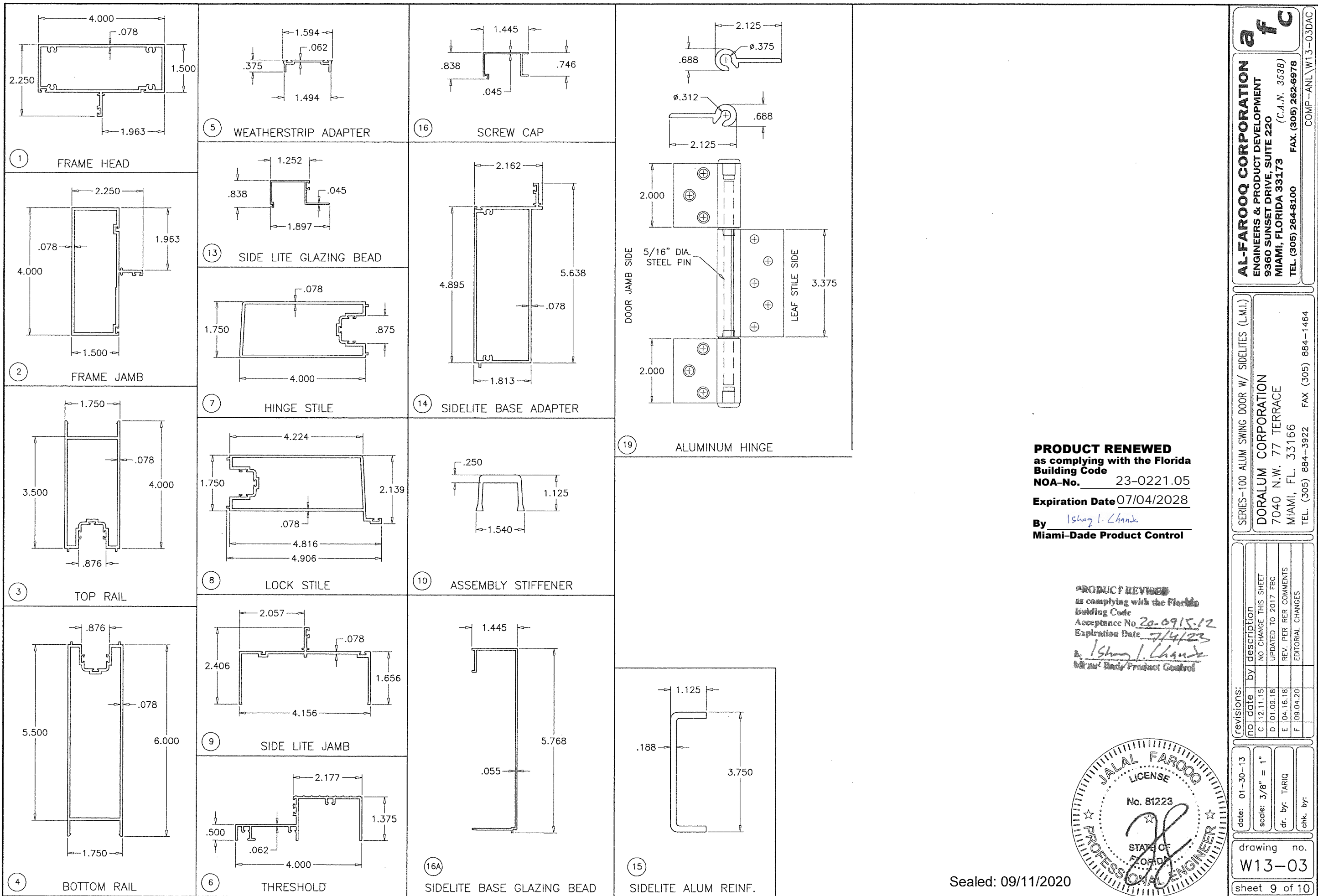
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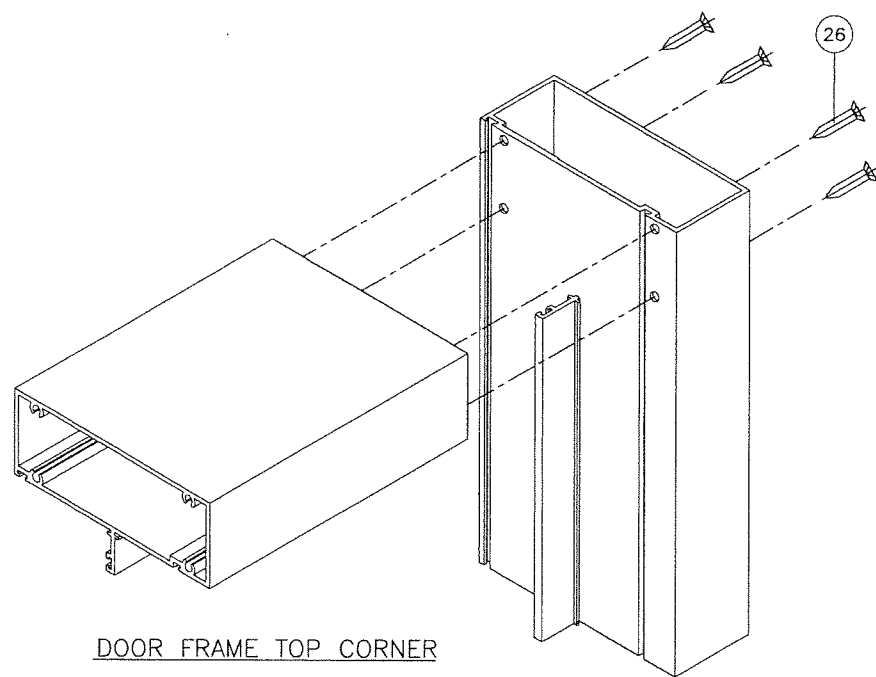
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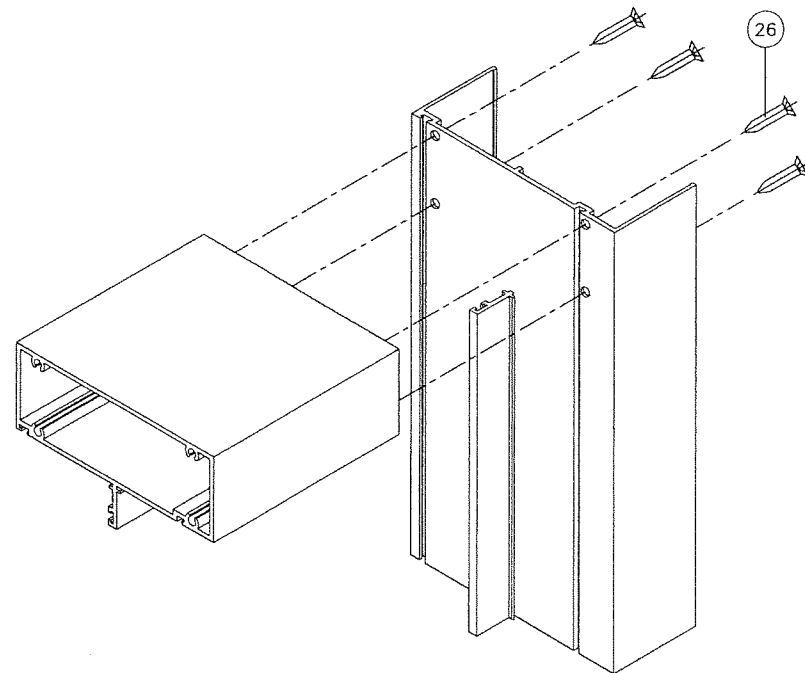
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drawing no.		W13-03			
sheet		8 of 10			

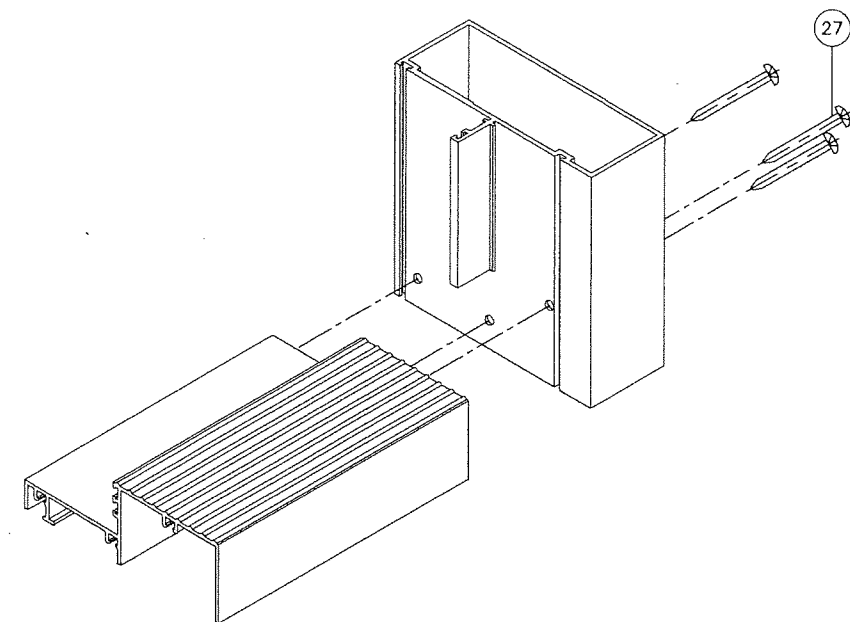
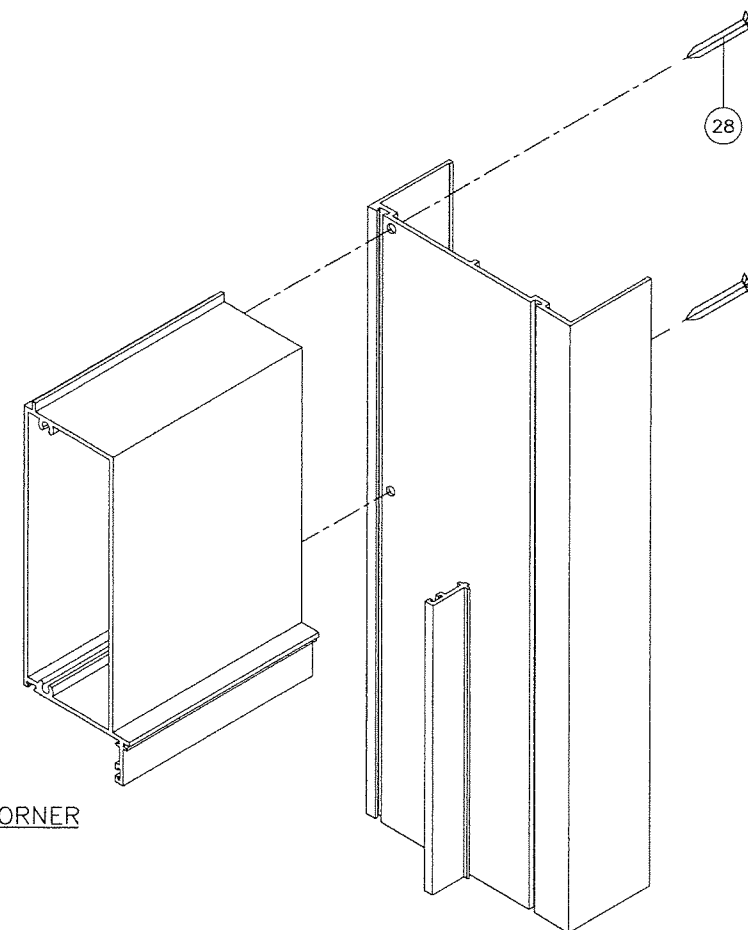




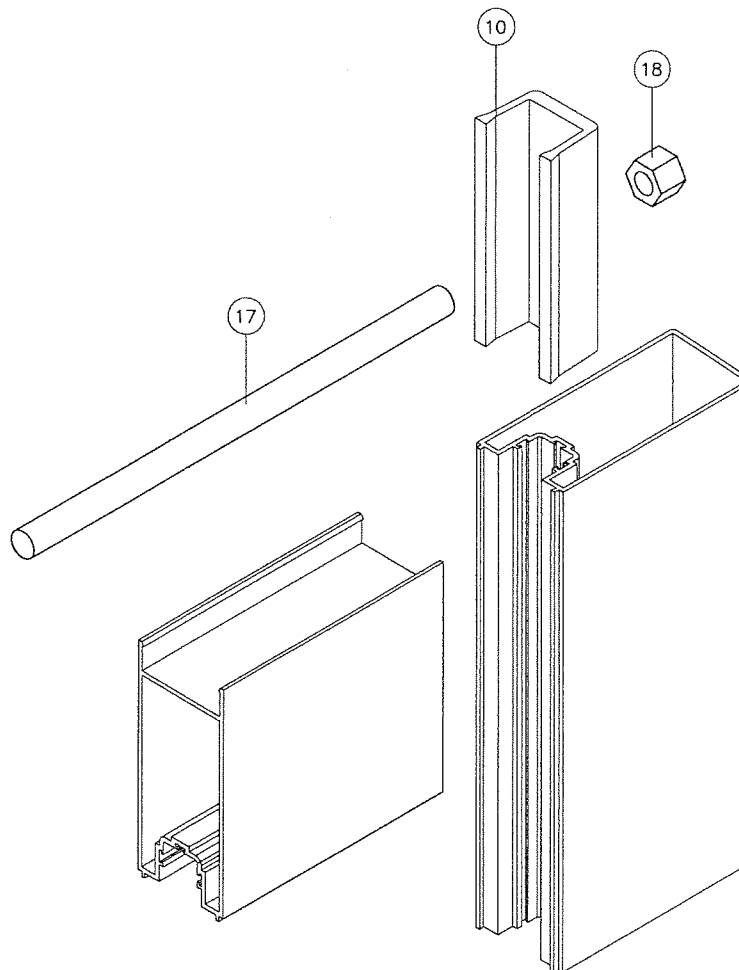
DOOR FRAME TOP CORNER
SIDELITE TOP & BOTTOM CORNER



SIDELITE SLIP ON JAMB CORNER



DOOR FRAME BOTTOM CORNER



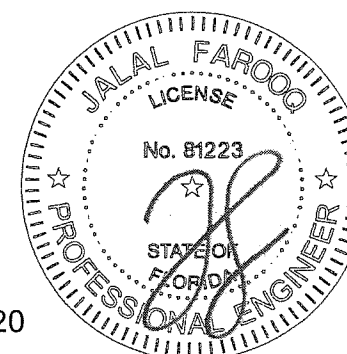
LEAF TOP & BOTTOM CORNER

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 23-0221.05

Expiration Date 07/04/2028

By Ishag I. Chande
Miami-Dade Product Control

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 20-0915.12
Expiration Date 7/4/23
By Ishag I. Chande
Miami-Dade Product Control



Sealed: 09/11/2020

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W13-03DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES (L.M.I.)
DORALUM CORPORATION
7040 N.W. 77 TERRACE
MIAMI, FL. 33166
TEL. (305) 884-3922 FAX (305) 884-1464

revisions:	no	date	by	description
	C	12.11.15		NO CHANGE THIS SHEET
	D	01.09.18		UPDATED TO 2017 FBC
	E	04.16.18		NO CHANGE THIS SHEET
	F	09.04.20		EDITORIAL CHANGES

date: 01-30-13
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:
drawing no.
W13-03
sheet 10 of 10