



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

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Labrador & Fundora Corp dba V & V Windows**  
**2355 W 4<sup>th</sup> Avenue**  
**Hialeah, FL 33010-1454**

**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 "300" Outswing Glazed Aluminum Door w/wo Sidelite or door w/wo Transom-LMI**

**APPROVAL DOCUMENT:** Drawing No. **W10-08 Rev I**, titled "Series Aluminum Out-Swing Entrance Door (L.M.I.)", sheets 1 through 12 of 12, dated 02/24/10 and last revised on 08/24/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact**

**Limitations:**

1. See Design Pressure (DP) ratings in sheets **2, 3, 4 & 5** for unit sizes Vs glass type. Lower Design Pressure from doors, sidelites or mullion shall control when doors are mullied (w/wo Reinforcements).
2. Door w/ transom is limited to max. 25-1/2" h Transom.
3. Glass lite wider than 36" shall be supported with approved setting blocks or clamps 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 **revises & renews 17-1011.02** consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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



*Ishaq I. Chanda*

NOA No. 19-0326.09  
Expiration Date: September 10, 2025  
Approval Date: September 10, 2020  
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 files below).
2. Drawing No. **W10-08 Rev F**, titled "Series Aluminum Out-Swing Entrance Door (L.M.I.)", sheets 1 through 12 of 12, dated 02/24/10 and last revised on SEP 03, 2015, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS (Submitted under files #12-0113.02/#10-0406.04)**

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 (+50.0 PSF, sill S-I only)
  - 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 marked-up drawings and installation diagram of an Aluminum outswing French doors w/wo sidelite and door w/Transom & sidelites, prepared by American Test Lab of South Florida, Inc., Test Report No. **ATLSF-0403.02-08**, dated 01/18/10, signed and sealed by William R. Mehner, P. E., Henry Hattem, P. E. and Edmundo J. Largaespada, P. E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2014(**5<sup>th</sup> Edition**), prepared by Al Farooq Corporation, dated 02/18/15 and last revised on AUG 13, 2015, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ ASTM E-1300-02, 04 and -09

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** (former E.I. Dupont) for their "**Butacite® PVB Glass Interlayer**", expiring on 12/11/16

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2014(**5<sup>th</sup> Edition**) and letter of no financial interest, prepared by Al Farooq Corporation, dated 02/11/15, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance and addendum letters, as part of the above referenced test reports.
3. Asset purchase agreement dated July 28, 2009, signed by Mr. David Labrador and Mr. Candido D. Vega. *(Submitted under previous NOA No. 10-0406.04)*

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No 19-0326.09**  
**Expiration Date: September 10, 2025**  
**Approval Date: September 10, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS (continued)**

4. Florida Department of State, Div of Corporation, active listing of Labrador & Foundora Corporation, dated 05/07/19985.
5. Florida Department of State, active fictitious name listing of V& V Windows, dated 08/13/15.

**G. OTHER**

1. This NOA **revises & renews # 12-0113.02**, expired on 09/01/15.
2. Test proposals **#07-3564** & test proposal dated 10/20/08 approved by BCCO.

**2. EVIDENCE SUBMITTED UNDER PREVIOUS NOA(s)**

**A. DRAWINGS**

1. Drawing No. **W10-08 Rev G**, titled "Series Aluminum Out-Swing Entrance Door (L.M.I.)", sheets 1 through 12 of 12, dated 02/24/10 and last revised on 03/29/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 5<sup>th</sup> Edition (2014)** and **FBC 6<sup>th</sup> Edition (2017)**, prepared by Al Farooq Corporation, dated 09/25/17, 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. **16-1117.01** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**", expiring on 07/08/19.

**F. STATEMENTS**

1. Statement letter of conformance to **FBC 5<sup>th</sup> Edition (2014)** and **FBC 6<sup>th</sup> Edition (2017)** and letter of no financial interest, prepared by Al Farooq Corporation, dated 07/10/17, signed and sealed by Javad Ahmad, P.E.

**G. OTHER**

1. This NOA **revises # 15-0310.05**, expiring on 09/01/2020.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No 19-0326.09**  
**Expiration Date: September 10, 2025**  
**Approval Date: September 10, 2020**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **W10-08 Rev I**, titled “Series Aluminum Out-Swing Entrance Door (L.M.I.)”, sheets 1 through 12 of 12, dated 02/24/10 and last revised on 08/24/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal 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, TAS 202-94

along with marked-up drawings and installation diagram of an Aluminum outswing French doors w/ sidelite (OXX), prepared by Fenestration Testing Lab, Inc., Test Report No. **FTL 9329**, dated 12/07/18, signed and sealed by Idalmis Ortega, P. E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 7<sup>th</sup> Edition (2020)**, prepared by Al Farooq Corporation, dated 06/24/20, signed and sealed by Jalal Farooq, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.

**F. STATEMENTS**

1. Statement letter of conformance to **FBC 7<sup>th</sup> Edition (2020)** and letter of no financial interest, prepared by Al Farooq Corporation, dated 06/24/20, signed and sealed by Jalal Farooq, P.E.

**G. OTHER**

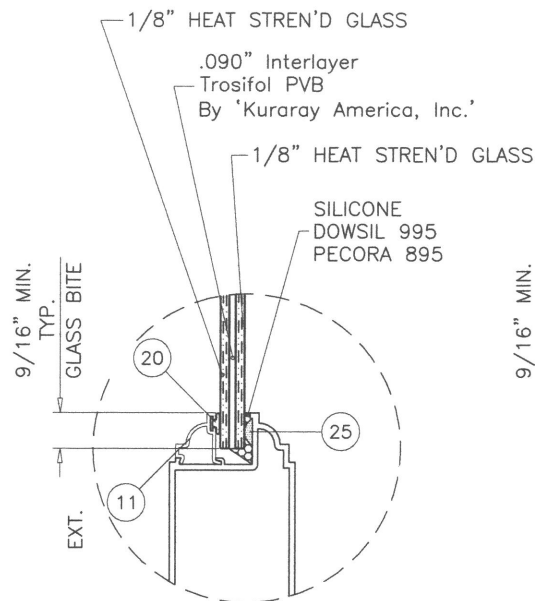
1. This NOA **revises & renews # 17-1011.02**, updates to FBC 2020, expiring on 09/10/2025.

*Ishaq I. Chanda*

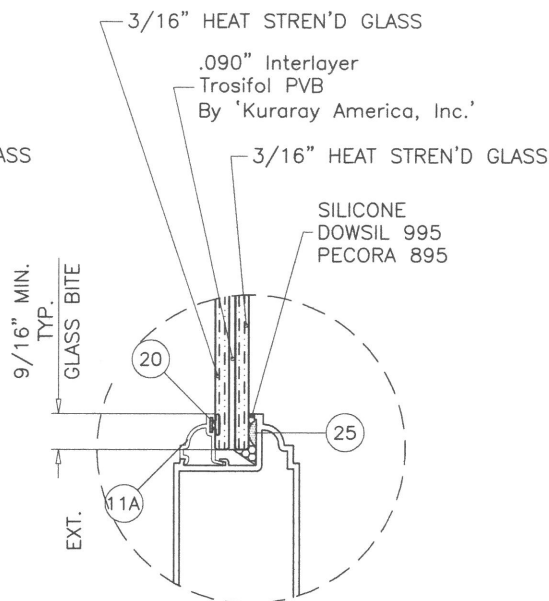
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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No 19-0326.09**  
**Expiration Date: September 10, 2025**  
**Approval Date: September 10, 2020**

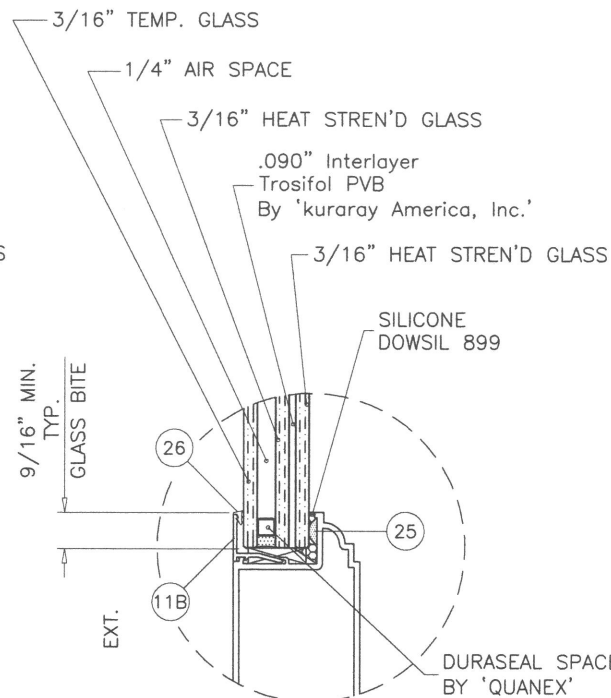




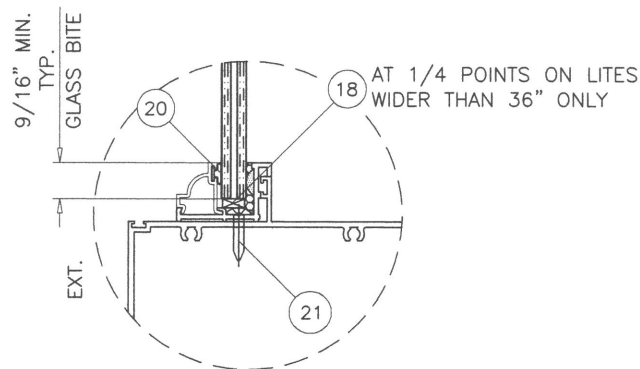
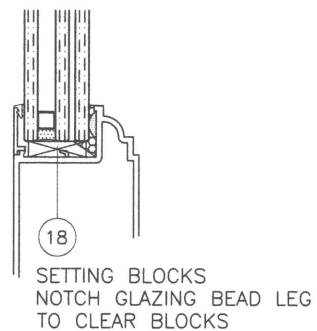
DOOR LEAF  
GLASS TYPE 'A'  
5/16" OVERALL LAM. GLASS



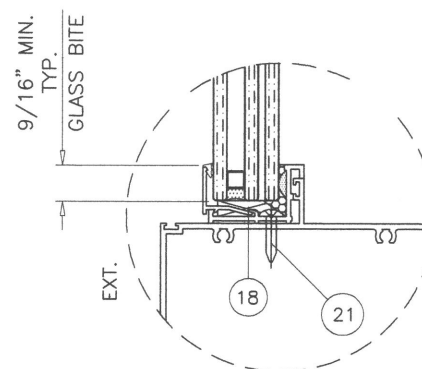
DOOR LEAF  
GLASS TYPE 'B'  
7/16" OVERALL LAM. GLASS



DOOR LEAF  
GLASS TYPE 'C'  
7/8" OVERALL INSUL. LAM. GLASS



SIDELITE/TRANSOM  
GLASS TYPES 'A' & 'B' ONLY



SIDELITE  
GLASS TYPE 'C'

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **19-0326.09**  
Expiration Date: **09/10/2025**  
By: Ishay I. Chandra  
Miami-Dade Product Control

#### ALUMINUM OUTSWING ENTRANCE DOOR

SINGLE (X) AND DOUBLE (XX) LEAF DOORS W/O TRANSOM SEE SHEET 2.  
SINGLE (O/X) AND DOUBLE (O/XX) LEAF DOORS WITH TRANSOMS SEE SHEET 3.  
SINGLE (O) SIDELITE SEE SHEET 4.  
SINGLE AND DOUBLE LEAF DOORS WITH SIDELITES SEE SHEET 5.  
LOWER VALUES FROM DOOR CAPACITY CAHRT, SIDELITE CAPACITY CHART OR  
SIDELITE MULLION CAPACITY CHART WILL APPLY TO ENTIRE SYSTEM.

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION  
RESISTANCE IS REQUIRED.

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)'.

#### GLAZING OPTIONS

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.  
SHUTTERS ARE NOT REQUIRED.



Sealed: 8/24/20

**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

ALUMINUM OUT-SWING ENTRANCE DOOR (L.M.I.)

Labrador & Fundora Corp.  
dba-V & V Windows  
2355 West 4th Ave.  
Hialeah, FL 33010  
TEL. (305) 888-4151 FAX. (305) 888-1042

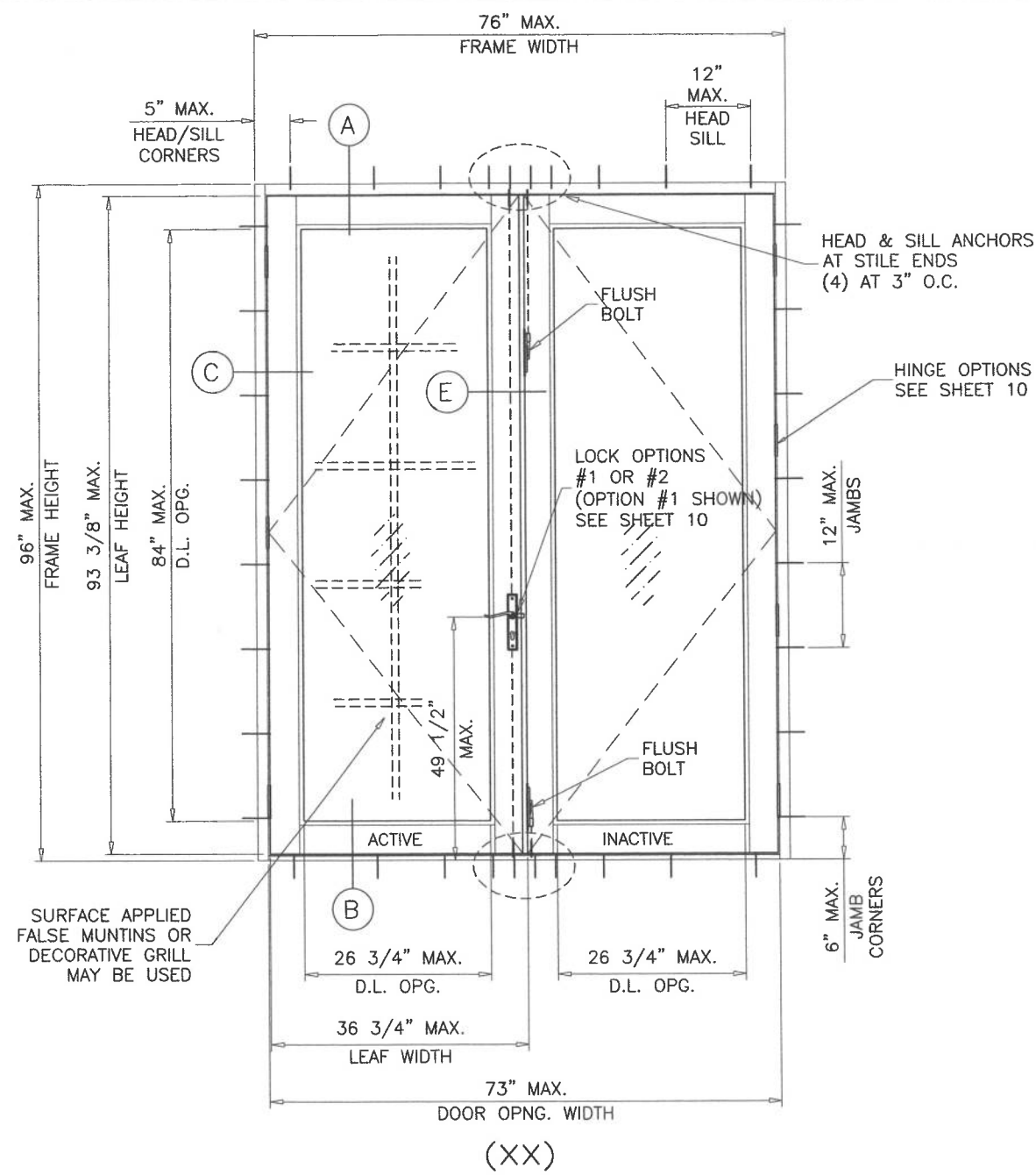
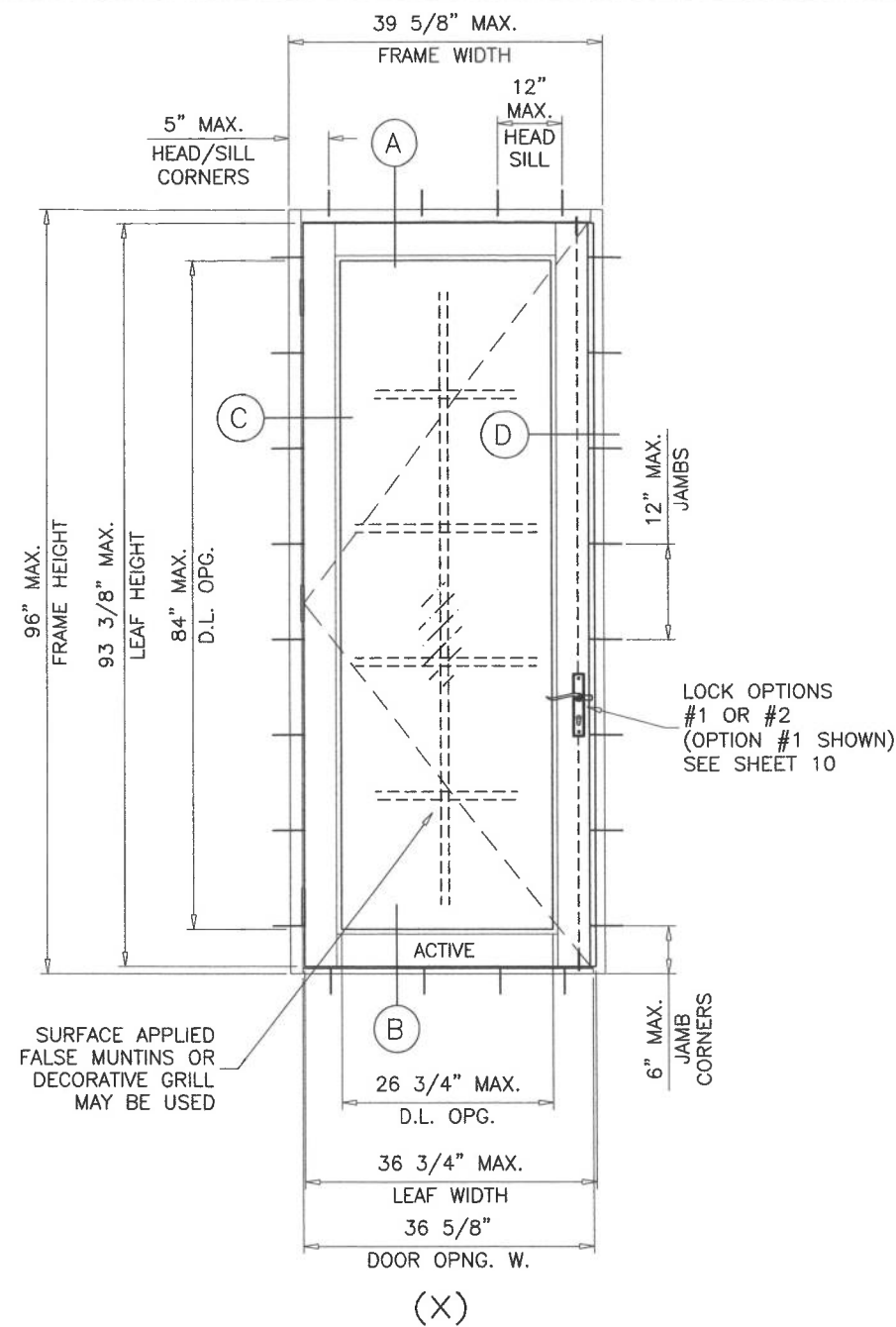
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F	09.03.15	NO	CHANGE THIS SHEET
G	03.29.17	UPDATED	TO 2017 FBC
H	01.09.19	INSUL. LAM. GLASS	ADDED
I	06.25.20	REV.	PER RER COMMENTS

date:	02-24-10
scale:	1/2"=1'-0"
dr. by:	TARIQ
chk. by:	

drawing no.  
**W10-08**

sheet 1 of 12

COMP-ANL\W10-08V



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **19-0326.09**  
Expiration Date: **09/10/2025**  
By: Ishag I. Chande  
Miami-Dade Product Control

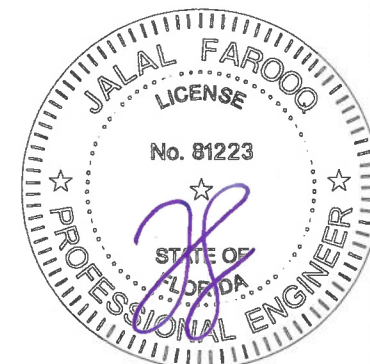
DOORS LOAD CAPACITY - PSF SINGLE DOORS WITHOUT TRANSOM (X)									
DOOR DIMS.				GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	LEAF HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
37-5/8"	34-3/4"	96"	93-3/8"	70.0	80.0	70.0	80.0	80.0	80.0
39-5/8"	36-3/4"			66.3	75.8	66.3	75.8	80.0	80.0

DOORS LOAD CAPACITY - PSF DOUBLE DOORS WITHOUT TRANSOM (XX)									
DOOR DIMS.				GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	LEAF HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
72"	34-3/4"	96"	93-3/8"	70.0	80.0	70.0	80.0	80.0	80.0
76"	36-3/4"			66.3	75.8	66.3	75.8	80.0	80.0

GLASS D.L.O. DIMS.  
D.L.O. HEIGHT = FRAME HEIGHT - 12"  
D.L.O. WIDTH (X DOORS) = FRAME WIDTH - 12.875"  
D.L.O. WIDTH (XX DOORS) = (FRAME WIDTH - 22.50")/2

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

Sealed: 8/24/20



**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)

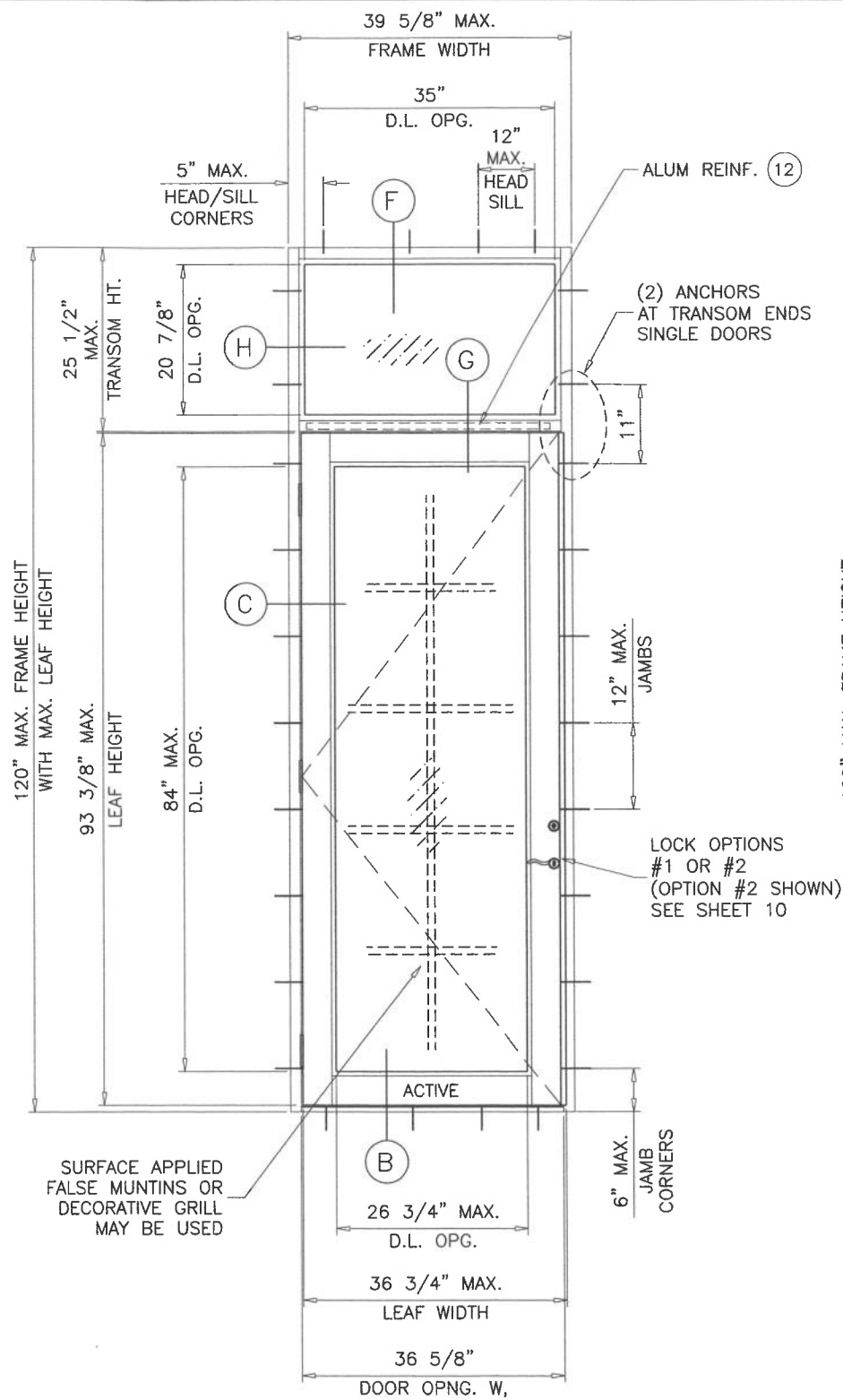
ALUMINUM OUT-SWING ENTRANCE DOOR (L.M.I.)  
Labrador & Fundora Corp.  
dba-V & V Windows  
2355 West 4th Ave.  
Hialeah, FL 33010  
TEL. (305) 888-4151 FAX. (305) 888-1042

revisions:	no.	date	by	description
	E	07.31.15		REV. PER RER COMMENTS
	F	09.03.15		REV. PER RER COMMENTS
	G	03.29.17		UPDATED TO 2017 FBC
	H	01.09.19		INSUL. LAM. GLASS ADDED
	I	06.25.20		REV. PER RER COMMENTS

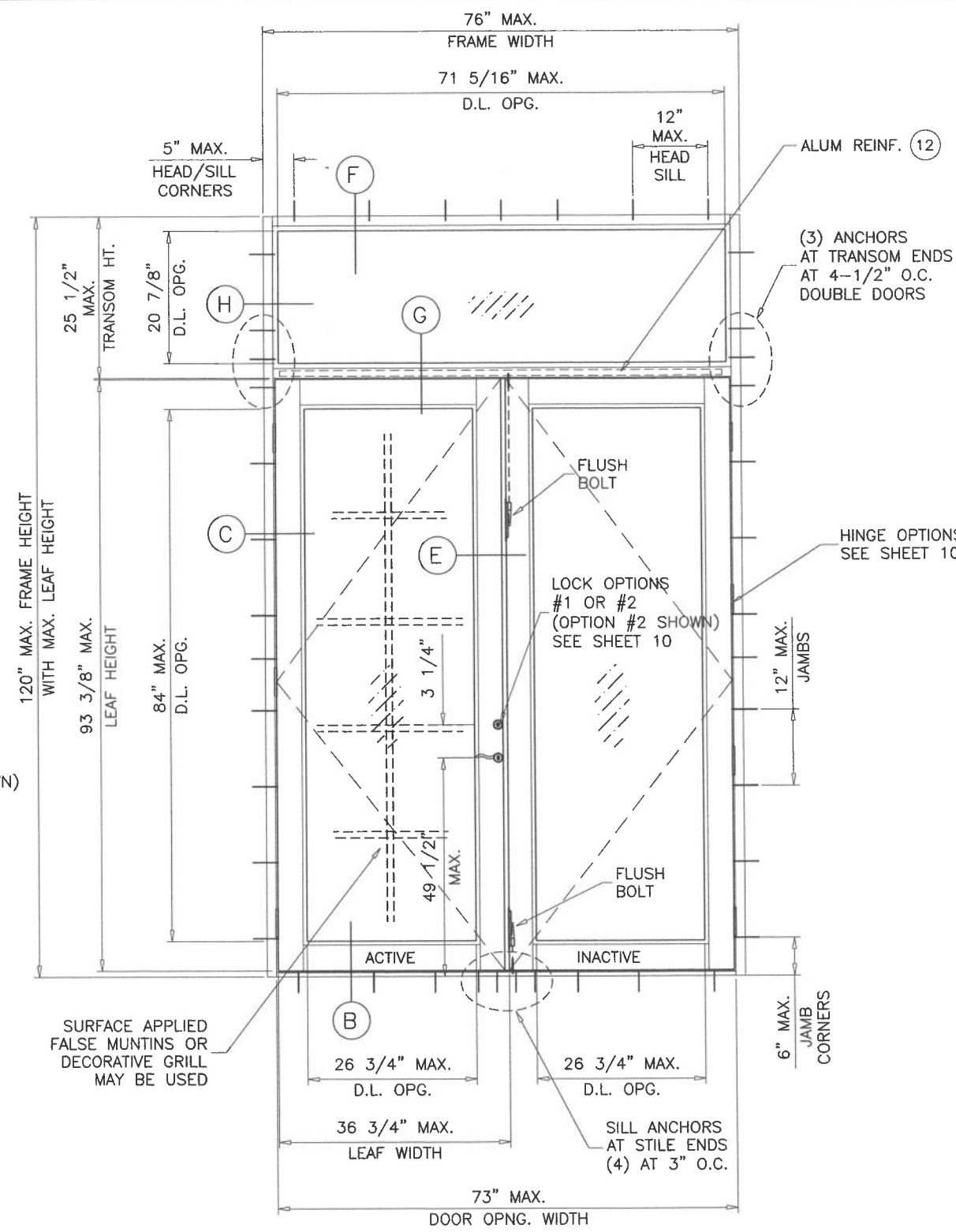
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dr. by: TARIQ  
chk. by:

drawing no.  
**W10-08**  
sheet 2 of 12





(O/X)



(O/XX)

GLASS D.L.O. DIMS. (TRANSOM)

D.L.O. HEIGHT = TRANSOM HEIGHT - 4.625"

D.L.O. WIDTH = FRAME WIDTH - 4.6875"

**PRODUCT REVISED**  
as complying with the Florida  
Building Code

NOA-No. **19-0326.09**

Expiration Date: **09/10/2025**

By: Ishag I. Chande

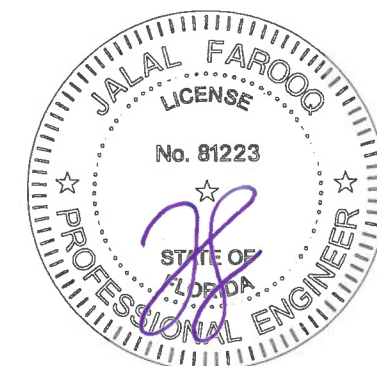
Miami-Dade Product Control

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

DOORS LOAD CAPACITY - PSF SINGLE DOORS WITH TRANSOM (O/X)									
DOOR DIMS.				GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	LEAF HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
37-5/8"	34-3/4"	120"	93-3/8"	70.0	80.0	70.0	80.0	80.0	80.0
39-5/8"	36-3/4"			66.3	75.8	66.3	75.8	80.0	80.0

TRANSOMS APPROVED WITH GLASS TYPES 'A' & 'B' ONLY

DOORS LOAD CAPACITY - PSF DOUBLE DOORS WITH TRANSOM (O/XX)									
DOOR DIMS.				GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	LEAF HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
72"	34-3/4"	120"	93-3/8"	70.0	71.0	70.0	71.0	71.0	71.0
76"	36-3/4"			66.3	70.0	66.3	70.0	70.0	70.0



Sealed: 8/24/20

**afC**  
**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)

ALUMINUM OUT-SWING ENTRANCE DOOR (L.M.I.)

Labrador & Fundora Corp.  
dba-V & V Windows  
2355 West 4th Ave.  
Hialeah, FL 33010  
TEL. (305) 888-4151 FAX. (305) 888-1042

revisions:	no	date	by	description
	E	07.31.15	REV.	PER RER COMMENTS
	F	09.03.15	REV.	PER RER COMMENTS
	G	03.29.17	REV.	UPDATED TO 2017 FBC
	H	01.09.19	INSUL.	LAM. GLASS ADDED
	I	06.25.20	REV.	PER RER COMMENTS

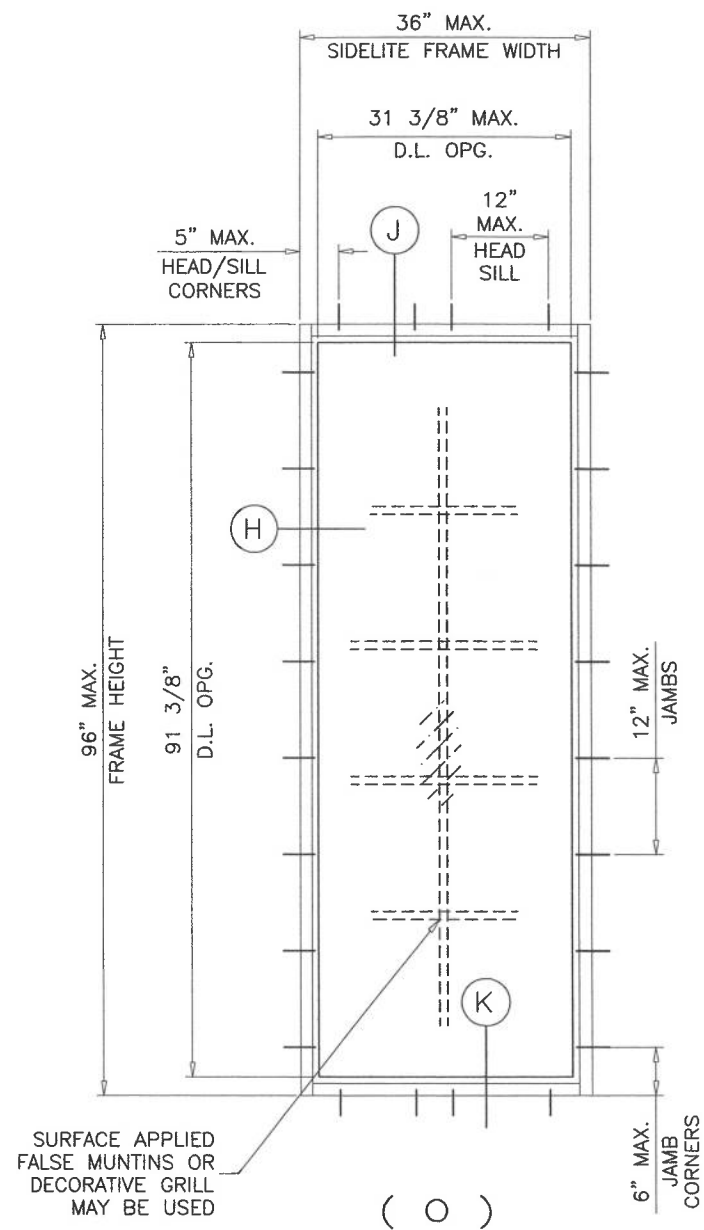
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chk. by:

drawing no.

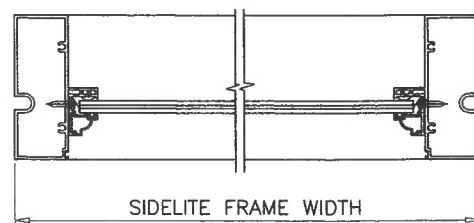
**W10-08**

sheet 3 of 12

COMP-ANL\W10-08VV



FIXED LITE (O) LOAD CAPACITY - PSF					
FIXED LITE DIMS.		GLASS TYPES 'A' & 'B'		GLASS TYPE 'C'	
FRAME WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24"	90"	70.0	80.0	80.0	80.0
28"		70.0	80.0	80.0	80.0
32"		70.0	80.0	80.0	80.0
36"		70.0	80.0	80.0	80.0
24"	96"	70.0	75.6	80.0	80.0
28"		70.0	71.2	80.0	80.0
32"		67.4	67.4	80.0	80.0
36"		64.1	64.1	80.0	80.0



GLASS D.L.O. DIMS. (SIDELITE)  
D.L.O. HEIGHT = SIDELITE HEIGHT - 4.625"  
D.L.O. WIDTH = SIDELITE WIDTH - 4.625"

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **19-0326.09**  
Expiration Date: **09/10/2025**  
By: Ishag I. Chande  
Miami-Dade Product Control

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



Sealed: 8/24/20

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

COMP-ANL\W10-08W

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ALUMINUM OUT-SWING ENTRANCE DOOR (L.M.I.)

Labrador & Fundora Corp.  
dba-V & V Windows  
2355 West 4th Ave.  
Hialeah, FL 33010  
TEL. (305) 888-4151 FAX. (305) 888-1042

revisions:

no	date	description
E	07.31.15	REV. PER RER COMMENTS
F	09.03.15	REV. PER RER COMMENTS
G	03.29.17	UPDATED TO 2017 FBC
H	01.09.19	INSUL. LAM. GLASS ADDED
I	06.25.20	REV. PER RER COMMENTS

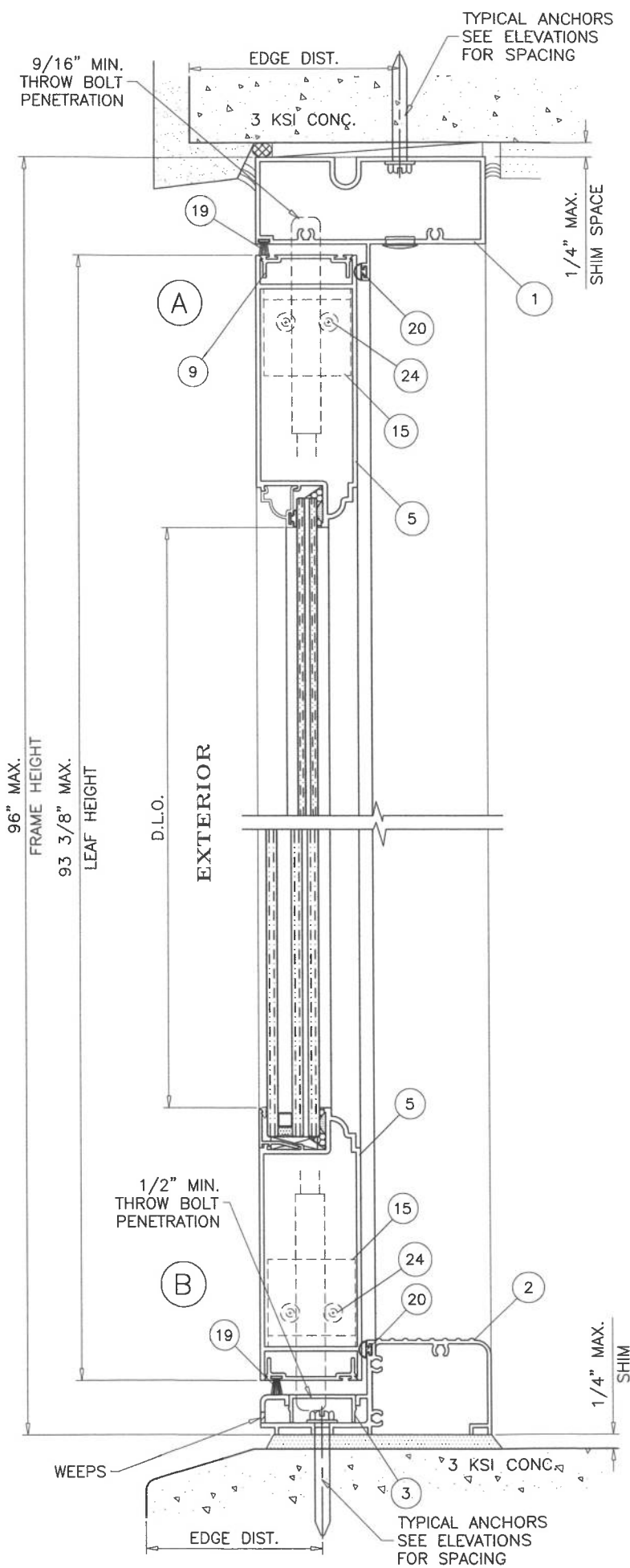
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chk. by:

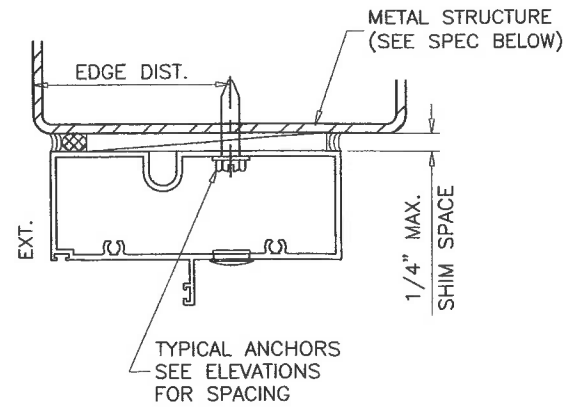
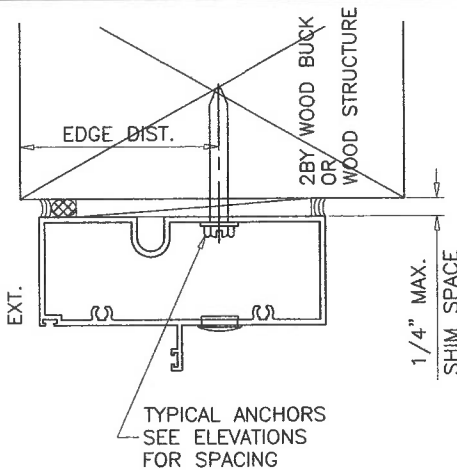
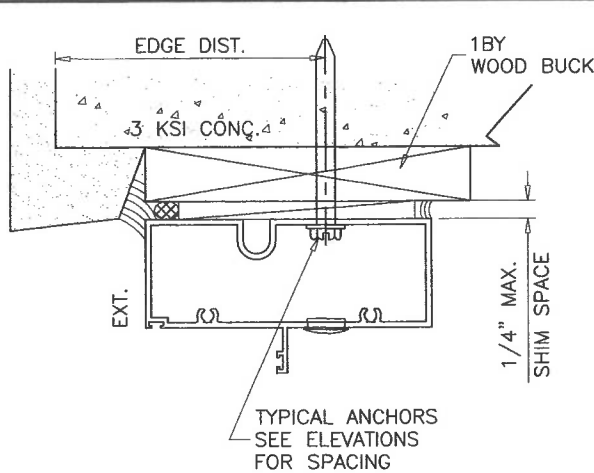
drawing no.  
**W10-08**  
sheet 4 of 12







OPERABLE UNIT



WOOD BUCKS AND METAL STRUCTURE NOT BY V & V WINDOWS 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' (Fu=164 KSI, Fy=148 KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)  
 THRU 1BY 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  
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)  
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)  
 #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)  
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS  
 OR  
 INTO METAL STRUCTURES (HEAD/JAMBS)  
 (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE  
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)  
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

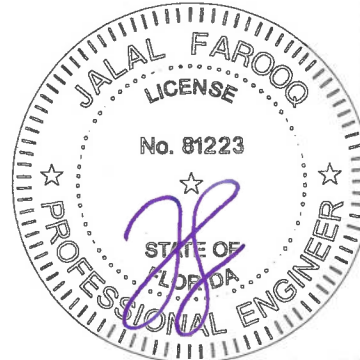
**TYPICAL EDGE DISTANCE**  
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 3/4" MIN.  
 WOOD AT HEAD OR JAMBS SG = 0.55 MIN.  
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.  
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

**SEALANTS:**  
 FRAME AND LEAF CORNERS, INSTALLATION SCREWS AT SILL AND ALL METAL PARTS CONNECTIONS SEALED WITH PTI SILICONE.

**WEEPS:**  
 3/16" X 3/4" WEEP SLOTS AT 3" FROM EACH END

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 NOA-No. **19-0326.09**  
 Expiration Date: **09/10/2025**  
 By: Ishaq I. Chande  
 Miami-Dade Product Control

DOOR DETAILS



Sealed: 8/24/20

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-8978  
 COMP-ANL W10-08W

ALUMINUM OUT-SWING ENTRANCE DOOR (L.M.I.)  
 Labrador & Fundora Corp.  
 dba-V & V Windows  
 2355 West 4th Ave.  
 Hialeah, FL 33010  
 TEL. (305) 888-4151 FAX. (305) 888-1042

revisions:		by	description
no	date		
E	07.31.15	REV. PER	REV. COMMENTS
F	09.03.15	REV. PER	REV. COMMENTS
G	03.29.17	UPDATED TO	2017 FBC
H	01.09.19	INSUL. LAM. GLASS ADDED	
I	06.25.20	REV. PER	REV. COMMENTS

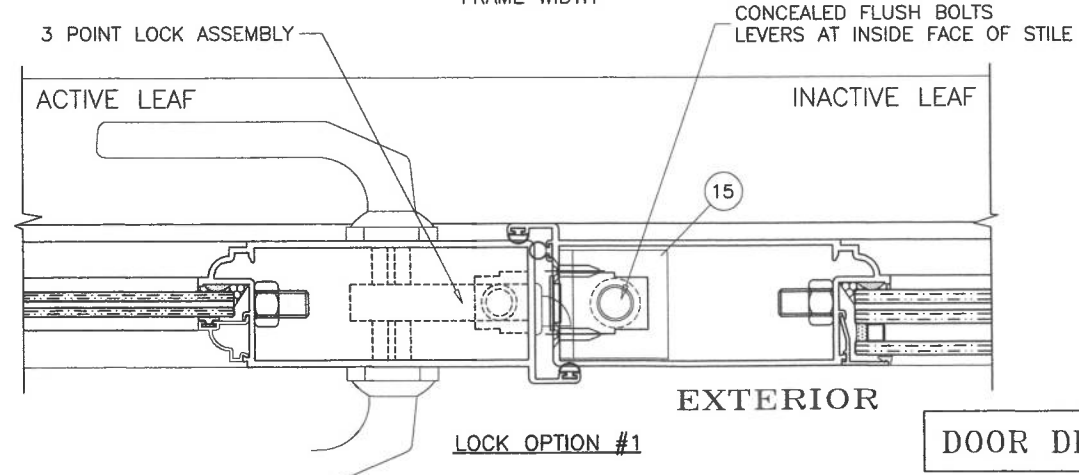
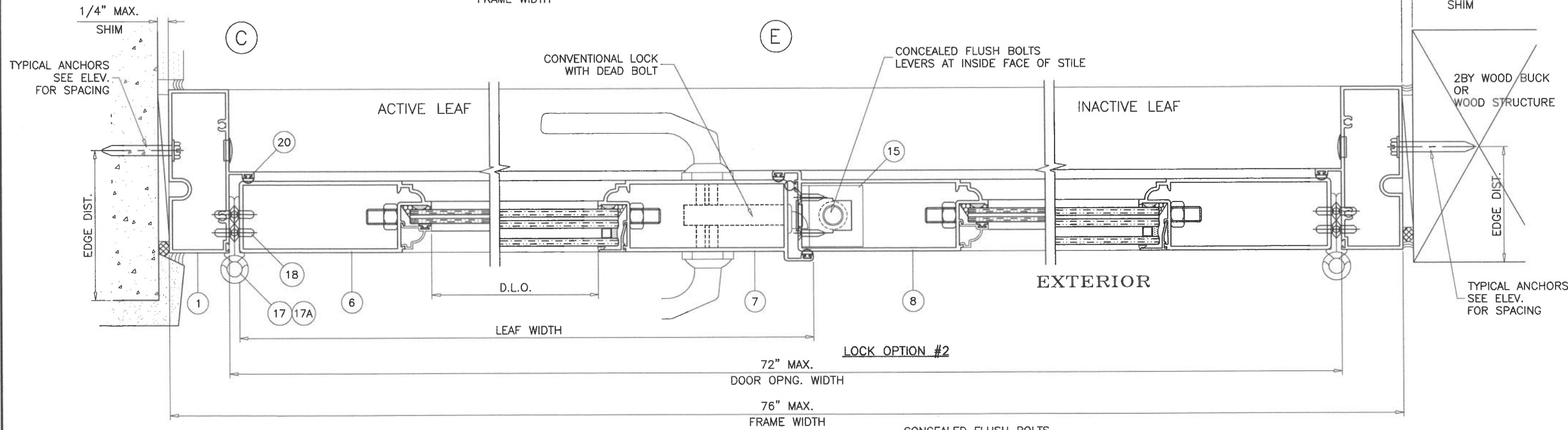
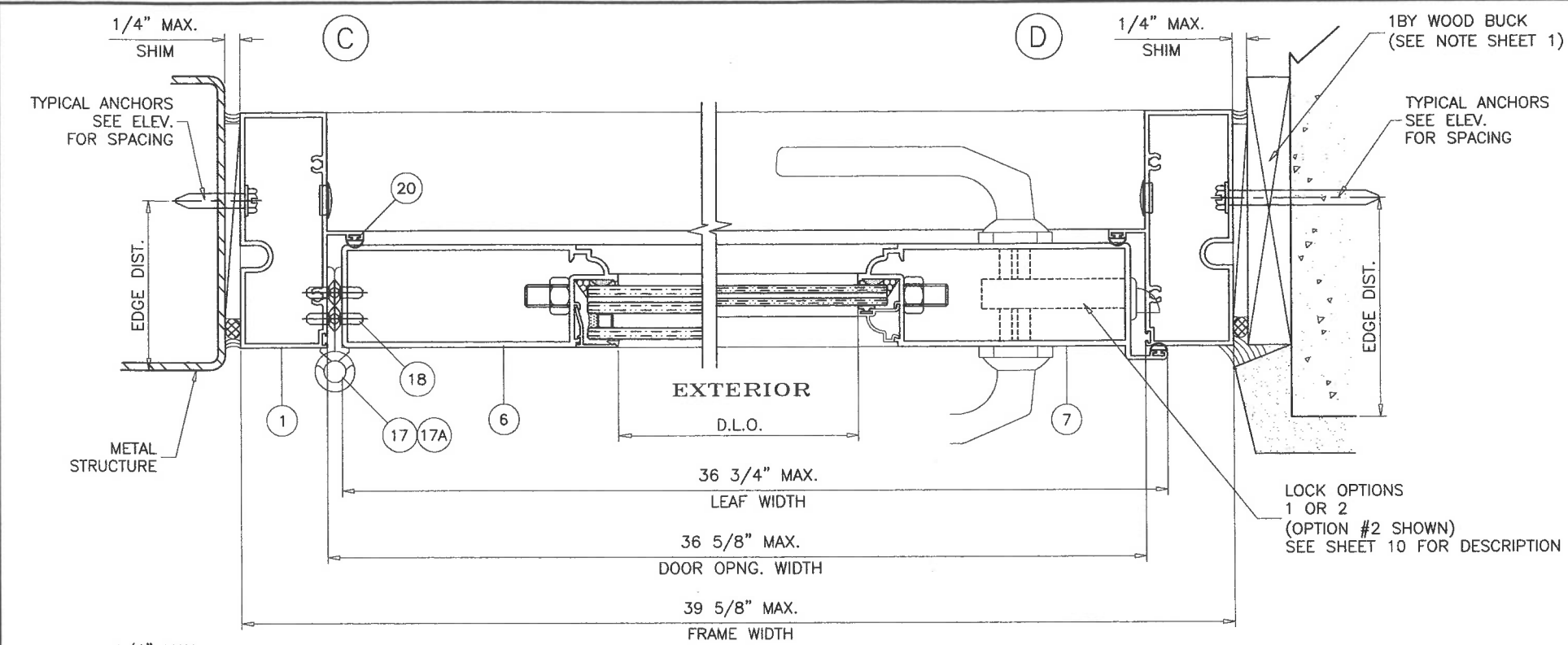
  

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dr. by:	TARIQ
chk. by:	

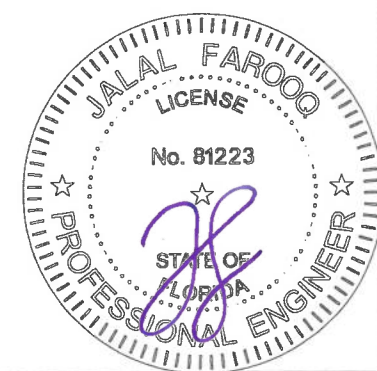
drawing no.	W10-08
sheet	6 of 12





DOOR DETAILS

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. **19-0326.09**  
 Expiration Date: **09/10/2025**  
 By: Ismael L. Canales  
 Miami-Dade Product Control



**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\W10-08W

**ALUMINUM OUT-SWING ENTRANCE DOOR (L.M.I.)**  
 Labrador & Fundora Corp.  
 dba-V & V Windows  
 2355 West 4th Ave.  
 Hialeah, FL 33010  
 TEL (305) 888-4151 FAX (305) 888-1042

revisions:

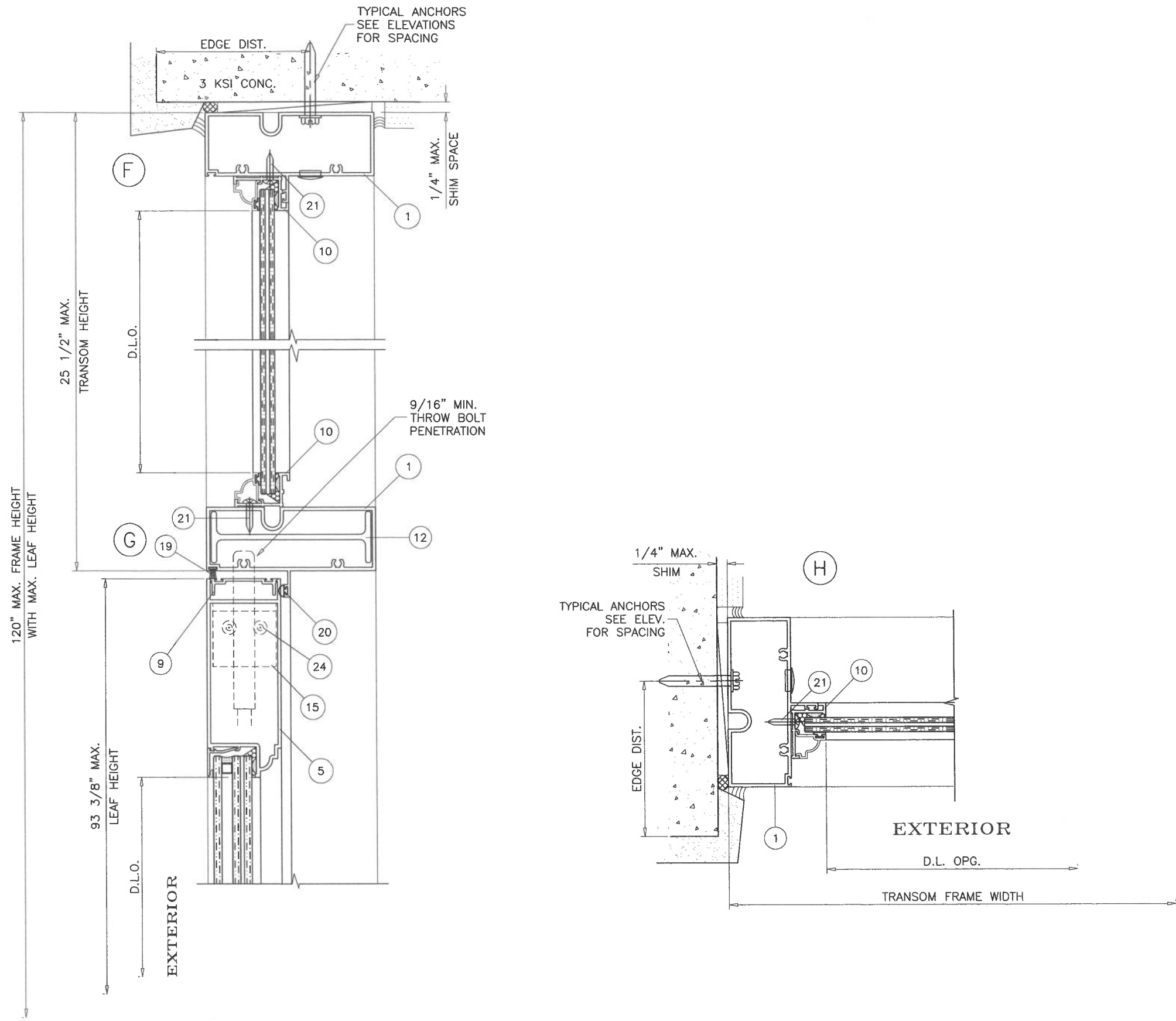
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F	09.03.15	REV.	PER RER COMMENTS
G	03.29.17	REV.	UPDATED TO 2017 FBC
H	01.09.19	INSUL.	LAM. GLASS ADDED
I	06.25.20	REV.	PER RER COMMENTS

date:	02-24-10
scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	

drawing no.  
**W10-08**  
 sheet 7 of 12

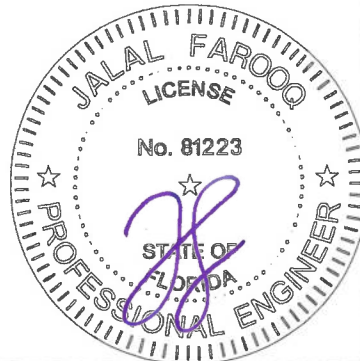
Sealed: 8/24/20





DOOR WITH TRANSOM DETAILS

Sealed: 8/24/20



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **19-0326.09**  
Expiration Date: **09/10/2025**  
By: Shay L. Chandra  
Miami-Dade Product Control

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

**af c**  
(C.A.N. 3538)  
COMP-ANL\W10-08W

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ALUMINUM OUT-SWING ENTRANCE DOOR (L.M.I.)

Labrador & Fundora Corp.  
dba-V & V Windows  
2355 West 4th Ave.  
Hialeah, Fl. 33010  
TEL (305) 888-4151 FAX (305) 888-1042

revisions:

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I	06.25.20	REV. PER RER COMMENTS	

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date: 02-24-10

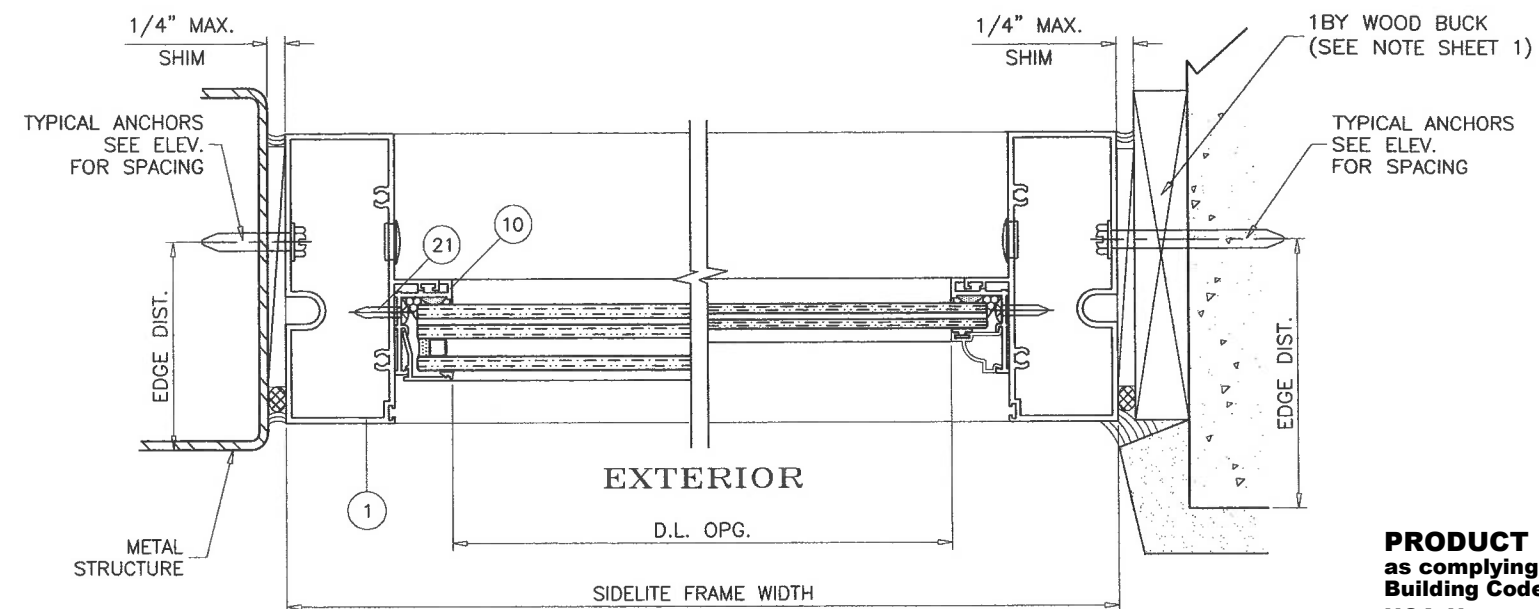
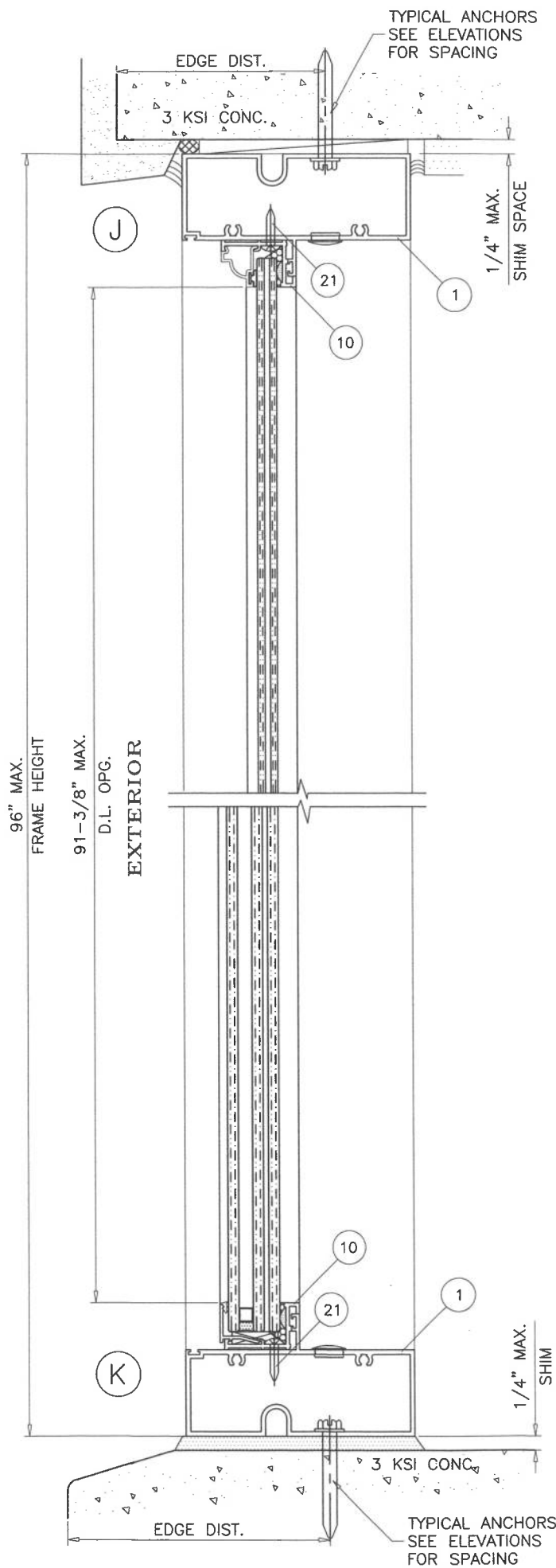
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chk. by:

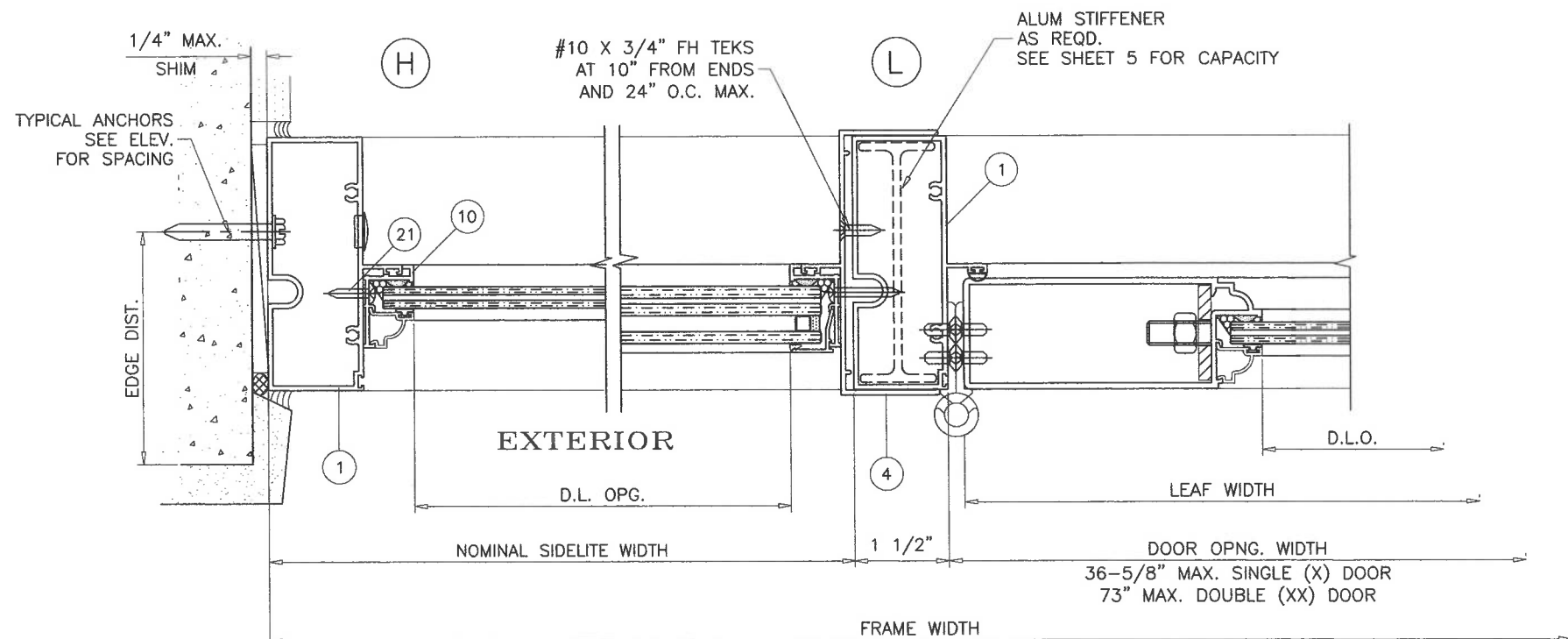
drawing no.  
**W10-08**

sheet 8 of 12



SINGLE SIDELITE

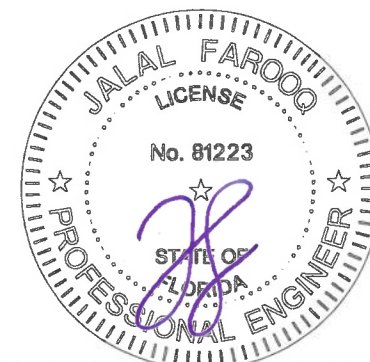
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 19-0326.09  
Expiration Date: 09/10/2025  
By: Ishag I. Chande  
Miami-Dade Product Control



SIDELITE DETAILS

SIDELITE WITH DOOR DETAILS

Sealed: 8/24/20



**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)

ALUMINUM OUT-SWING ENTRANCE DOOR (L.M.I.)

Labrador & Fundora Corp.  
dba-V & V Windows  
2355 West 4th Ave.  
Hialeah, FL 33010  
TEL (305) 888-4151 FAX (305) 888-1042

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date: 02-24-10  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:

drawing no. **W10-08**  
sheet 9 of 12



LOCKS:

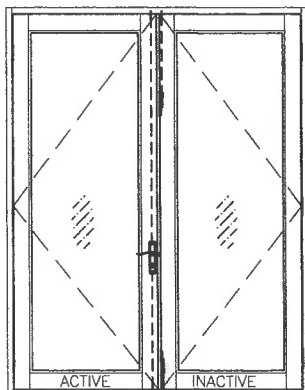
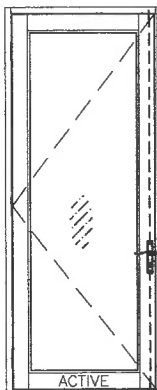
OPTION #1:

ACTIVE LEAF:

3 POINT LOCK ASSEMBLY BY 'SULLIVAN AND ASSOC.'  
7/16" X 3" THROW BOLTS AT TOP AND BOTTOM  
ENGAGING FRAME AT HEAD AND SILL  
THROW BOLTS ATTACHED TO LOCK BY CONNECTING RODS  
LOCK LOCATED AT 52-3/4" FROM BOTTOM  
LOCK HANDLE AT 49-1/2" FROM BOTTOM

INACTIVE LEAF

CONCEALED FLUSH BOLTS BY 'SULLIVAN & ASSOC.'  
1/2" X 2" THROW BOLTS ENGAGING FRAME AT  
HEAD AND SILL  
MANUALLY OPERATED LEVERS MOUNTED ON  
INSIDE FACE OF LEAF STILE LOCATED AT  
10-3/4" FROM TOP AND BOTTOM  
LOCK FASTENED TO STILE WITH (2) 38-32 X 1/2" FH MS



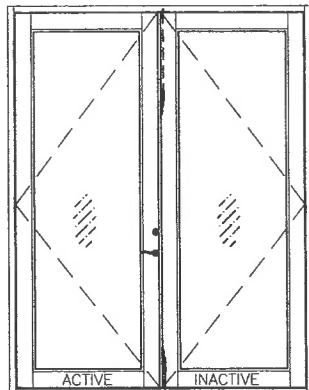
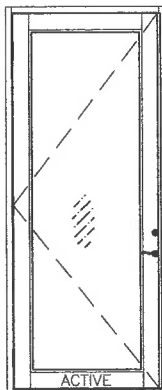
OPTION #2:

ACTIVE LEAF:

CONVENTIONAL DOOR LOCKSET WITH HANDLE BY  
'SULLIVAN AND ASSOC.' LOCATED AT 39" FROM  
BOTTOM  
KEY OPERATED ON EXTERIOR AND THUMB TURN ON  
INTERIOR THROW BOLT LOCK BY 'SULLIVAN AND ASSOC.'  
LOCATED AT 46" FROM BOTTOM

INACTIVE LEAF

CONCEALED FLUSH BOLTS BY 'SULLIVAN & ASSOC.'  
1/2" X 2" THROW BOLTS ENGAGING FRAME AT  
HEAD AND SILL  
MANUALLY OPERATED LEVERS MOUNTED ON  
INSIDE FACE OF LEAF STILE LOCATED AT  
10-3/4" FROM TOP AND BOTTOM  
LOCK FASTENED TO STILE WITH (2) 38-32 X 1/2" FH MS



NOTE: LOCKS MUST BE ENGAGED DURING  
PERIODS OF HURRICANE WARNING.

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	V501	3/ DOOR	FRAME HEAD/JAMB	6063-T6	V & V SELECTED EXTRUDER
2	V502	1	FRAME SILL	6063-T6	V & V SELECTED EXTRUDER
3	V503	1	SILL COVER	6063-T6	V & V SELECTED EXTRUDER
4	V504	AS REQD.	SIDELITE STILE	6063-T6	V & V SELECTED EXTRUDER
5	V505	2/ LEAF	TOP AND BOTTOM RAIL	6063-T6	V & V SELECTED EXTRUDER
6	V506	1/ LEAF	HINGE STILE	6063-T6	V & V SELECTED EXTRUDER
7	V507	1/ LEAF	LOCK AND ASTRAGAL STILE	6063-T6	V & V SELECTED EXTRUDER
8	V513	AS REQD.	INACTIVE ASTRAGAL STILE	6063-T6	V & V SELECTED EXTRUDER
9	V508	2/ LEAF	SWEEP ADAPTER	6063-T6	V & V SELECTED EXTRUDER
10	V509	AS REQD.	SIDELITE ADAPTER	6063-T6	V & V SELECTED EXTRUDER
11	V511	AS REQD.	GLAZING BEAD - 5/16" GLASS	6063-T6	V & V SELECTED EXTRUDER
11A	V517	AS REQD.	GLAZING BEAD - 7/16" GLASS	6063-T6	V & V SELECTED EXTRUDER
11B	V521	AS REQD.	GLAZING BEAD - INSUL. LAM. GLASS	6063-T6	V & V SELECTED EXTRUDER
12	V512	AS REQD.	REINFORCING STIFFENER	6063-T6	V & V SELECTED EXTRUDER
13	-	2/ LEAF	3/8" THREADED ROD	STEEL	-
15	V514	2/ LEAF	FLUSH BOLT SUPPORT ANGLE	6063-T5	1-1/2" X 1-1/2" X 3/16"
17	-	3/ LEAF	BALL BEARING HINGE ASSEMBLY	-	-
17A	-	3/ LEAF	3 PIECE HINGE ASSEMBLY	-	-
18	-	AS REQD.	SETTING BLOCKS	EPDM	DUROMETER 80±5 SHORE A
19	-	AS REQD.	FIN SEAL PILE WEATHERSTRIPPING	-	-
20	V516	AS REQD.	BULB WEATHERSTRIPPING	SANTOPRENE	DUROMETER 60±5
21	#8 X 1/2"	AS REQD.	GLAZING ADAPTER SCREWS	ST. STEEL	PH TEKS, AT 2" FROM ENDS & 8" O.C. MAX.
22	#10 X 2"	AS REQD.	FRAME ASSEMBLY SCREWS	ST. STEEL	PH SMS
23	-	AS REQD.	SIDE LITE ADAPTER SCREWS	ST. STEEL	-
24	#8-32 X 1/2"	2/ ANGLE	SUPPORT ANGLE SCREWS	ST. STEEL	FH MS
25	-	AS REQD.	BUMPER SPACER	SILICONE	-
26	V522	AS REQD.	GLAZING WEDGE	EPDM	DUROMETER 70±5, SHORE A

HINGES:

OPTION #1:

4-3/4" BALL BEARING HINGES  
3 PER LEAF FOR LAMINATED GLASS  
4 PER LEAF FOR INSUL. LAM. GLASS  
BOTTOM HINGE AT 8-3/8" FROM BOTTOM RAIL  
TOP HINGE AT 11" FROM TOP RAIL  
INTERMEDIATE HINGES EQUALLY SPACED  
HINGES FASTENED WITH #12-24 X 1/2" FH MS

OPTION #2:

7-13/16" THREE PIECE HINGES  
3 PER LEAF FOR LAMINATED GLASS  
4 PER LEAF FOR INSUL. LAM. GLASS  
BOTTOM HINGE AT 8-3/8" FROM BOTTOM RAIL  
TOP HINGE AT 11" FROM TOP RAIL  
INTERMEDIATE HINGES EQUALLY SPACED  
HINGES FASTENED WITH #10-24 X 1/2" FH MS

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH  
PTI SILICONE.

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **19-0326.09**  
Expiration Date: **09/10/2025**  
By: Isaac I. Chan  
Miami-Dade Product Control



Sealed: 8/24/20

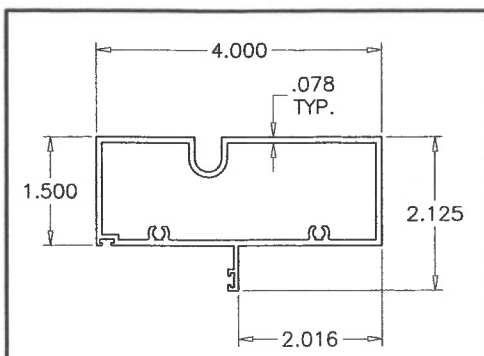
**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL (305) 264-8100 FAX (305) 262-6978  
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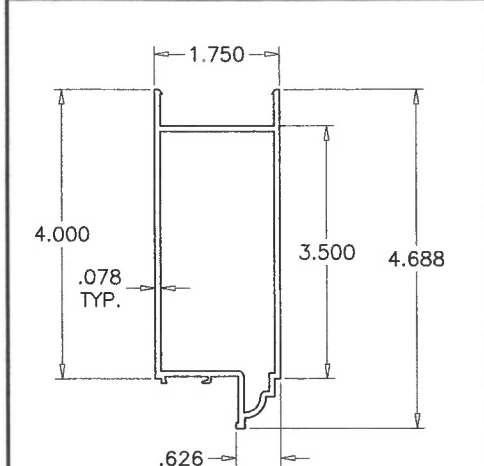
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date: 02-24-10	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no. <b>W10-08</b>		sheet 10 of 12	

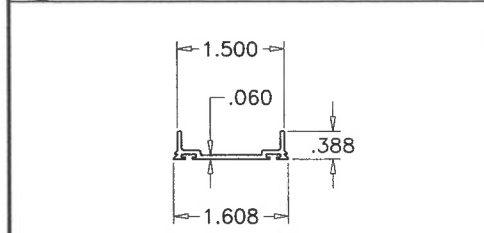




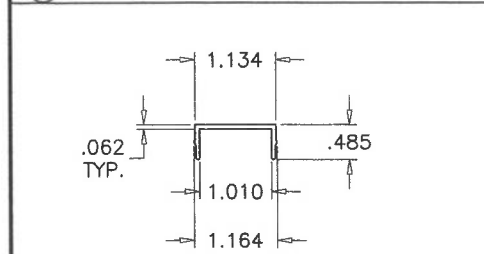
1 FRAME HEAD/JAMB



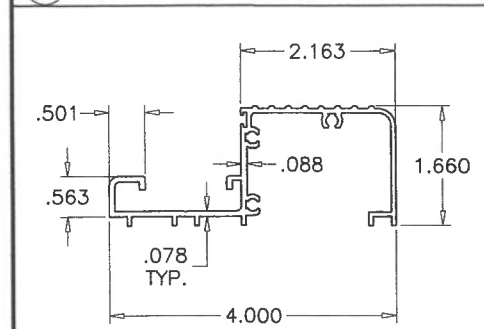
5 TOP & BOTTOM RAIL



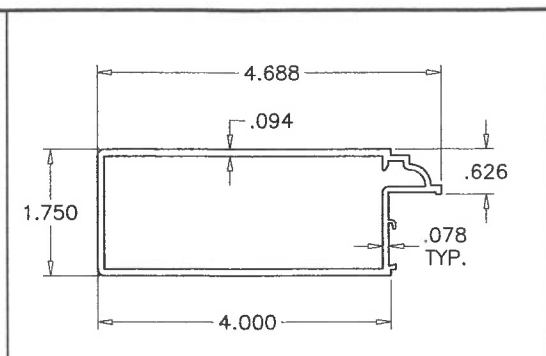
9 SWEEP ADAPTER



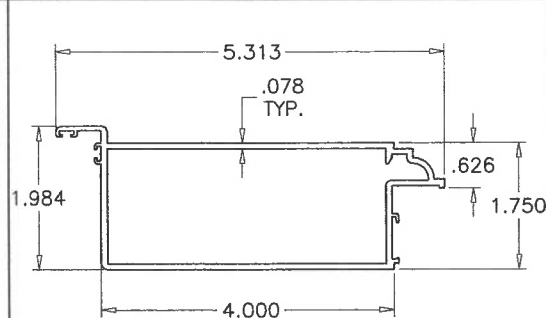
3 SILL COVER



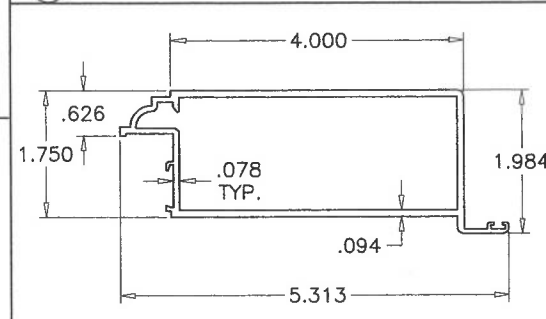
2 FRAME SILL



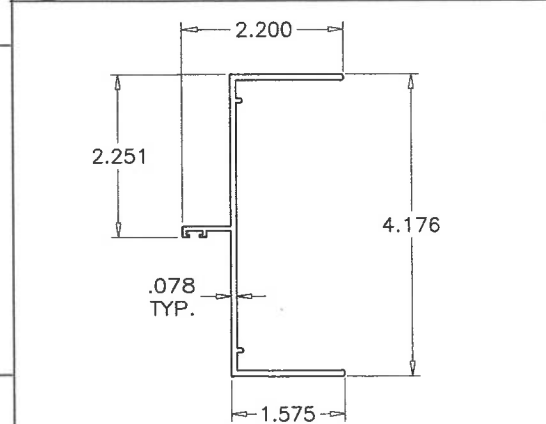
6 HINGE STILE



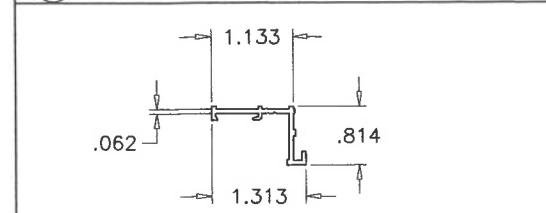
8 INACTIVE ASTRAGAL STILE



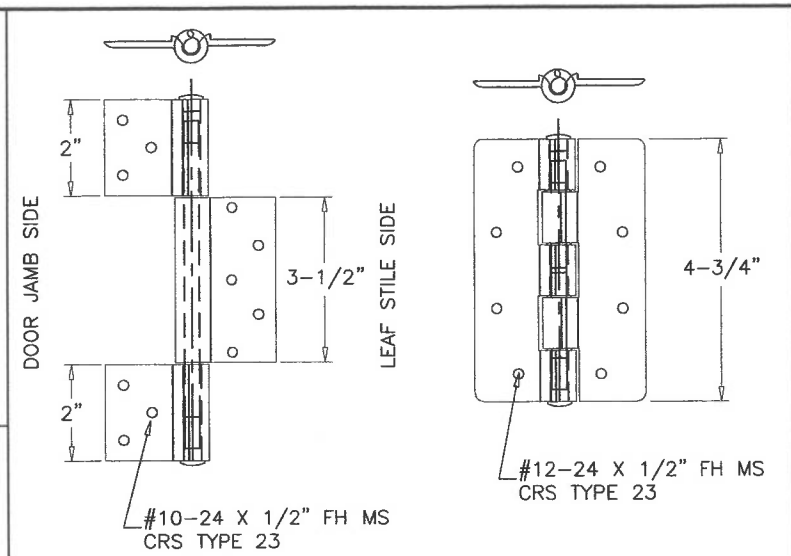
7 LOCK/ASTRAGAL STILE



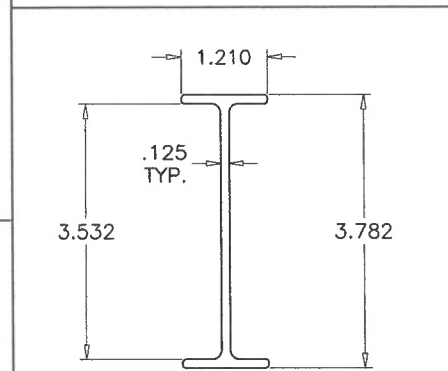
4 SIDELITE STILE



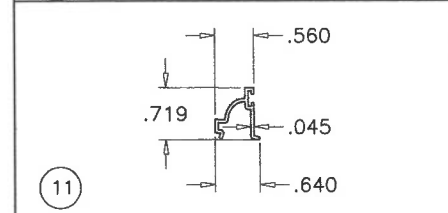
10 SIDELITE ADAPTER



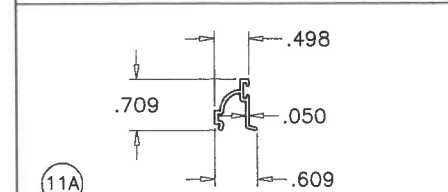
17A 3 PIECE HINGE  
17 BALL BEARING HINGE



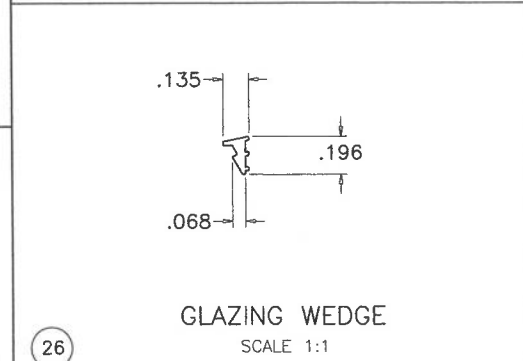
12 STIFFENER



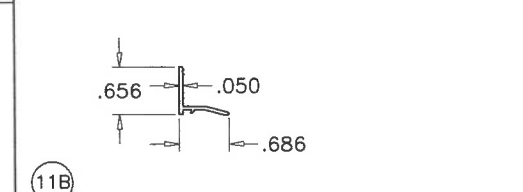
11 GLAZING BEAD - 7/16" GLASS



11A GLAZING BEAD - 5/16" GLASS

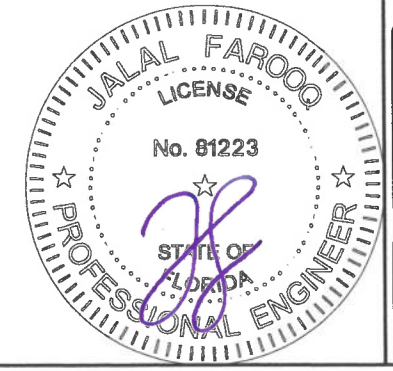


26 GLAZING WEDGE SCALE 1:1



11B GLAZING BEAD - INSUL. LAM. GLASS

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **19-0326.09**  
Expiration Date: **09/10/2025**  
By: Ishaq I. Chande  
Miami-Dade Product Control



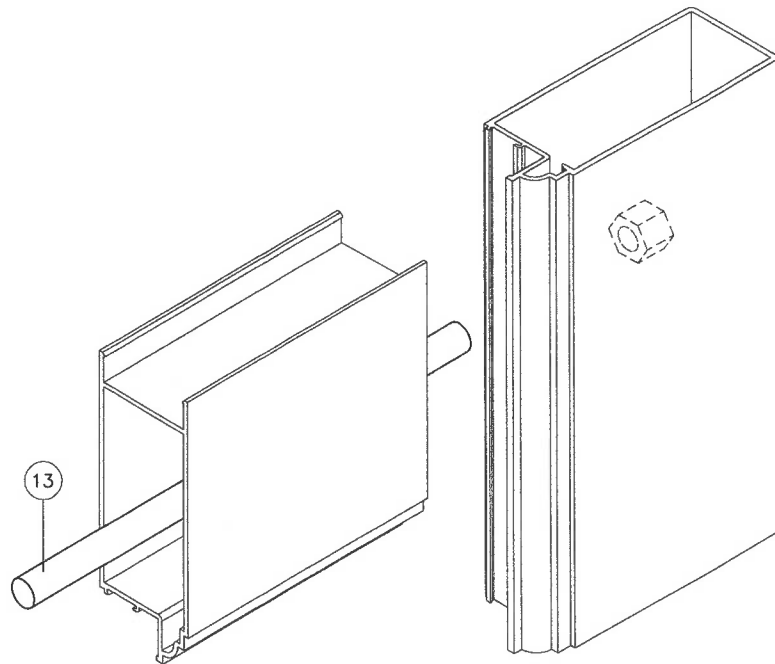
Sealed: 8/24/20

**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\W10-08W

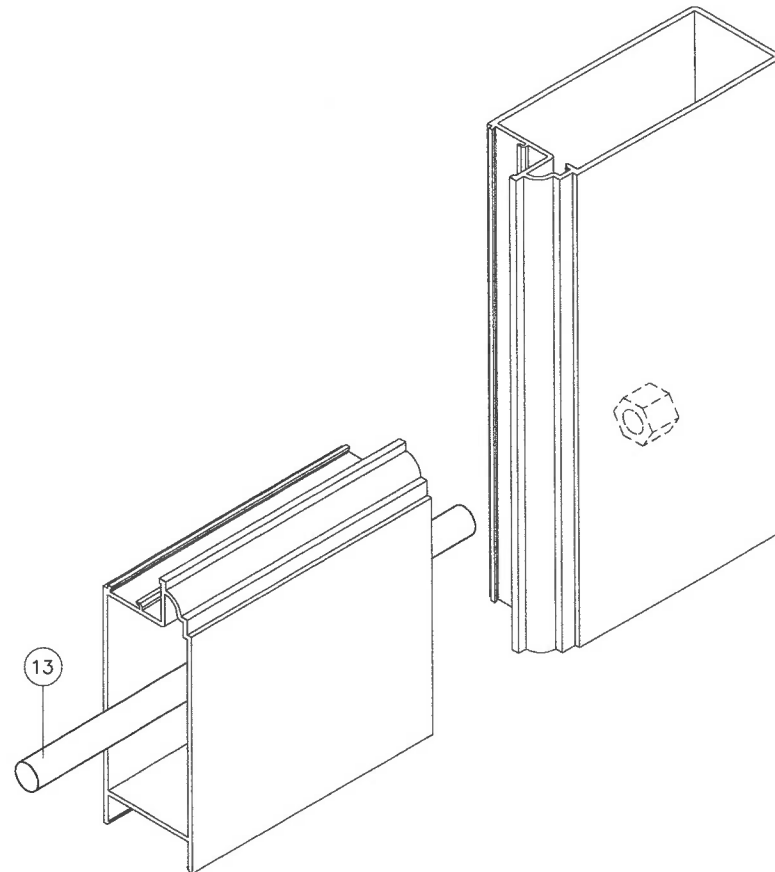
ALUMINUM OUT-SWING ENTRANCE DOOR (L.M.I.)  
Labrador & Fundora Corp.  
dba-V & V Windows  
2355 West 4th Ave.  
Hialeah, FL 33010  
TEL. (305) 888-4151 FAX. (305) 888-1042

no	date	by	description
E	07.31.15	REV. PER RER COMMENTS	
F	09.03.15	NO CHANGE THIS SHEET	
G	03.29.17	UPDATED TO 2017 FBC	
H	01.09.19	INSUL. LAM. GLASS ADDED	
I	06.25.20	REV. PER RER COMMENTS	

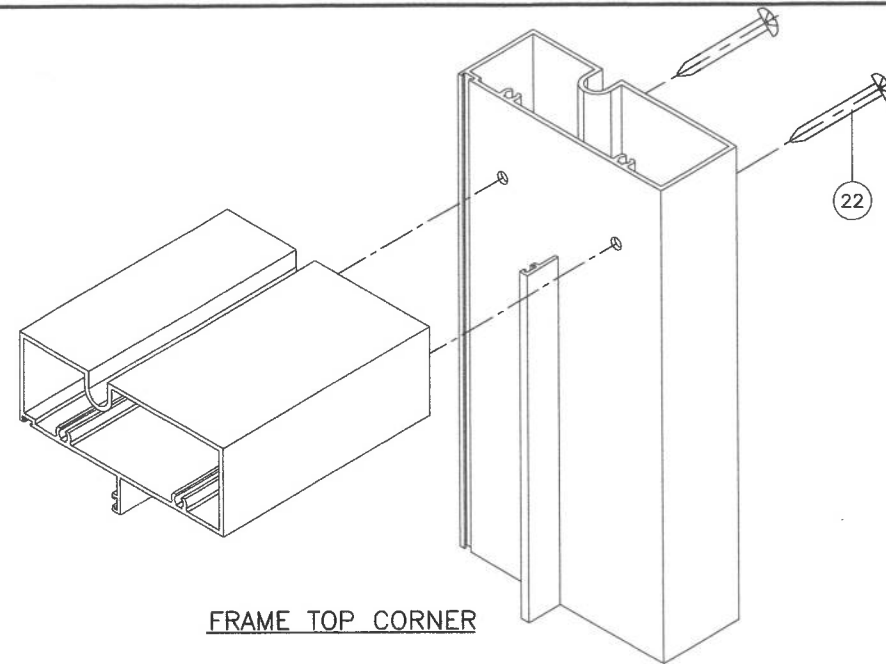
date: 02-24-10  
scale: 3/8" = 1"  
dr. by: TARIQ  
chk. by:  
drawing no.  
**W10-08**  
sheet 11 of 12



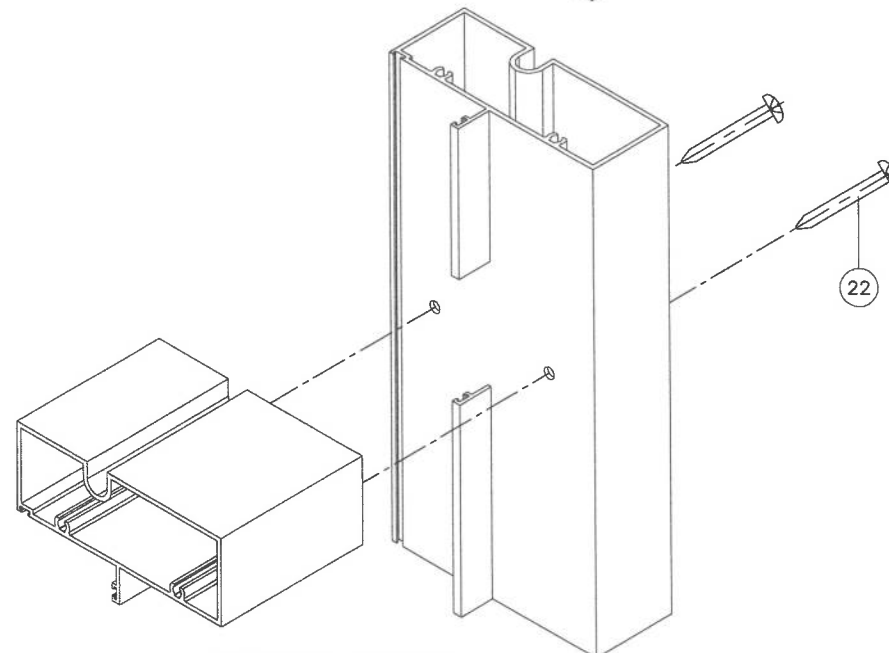
LEAF TOP CORNER



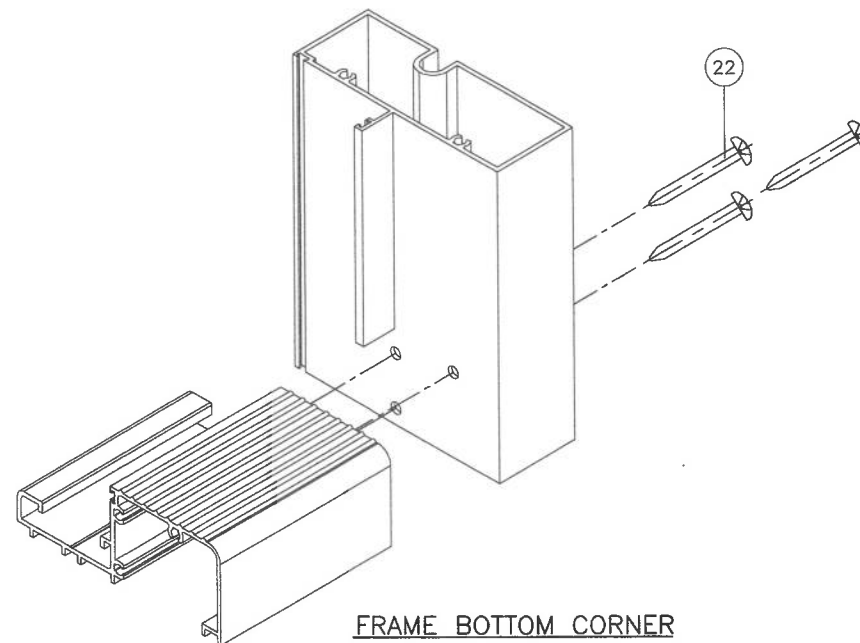
LEAF BOTTOM CORNER



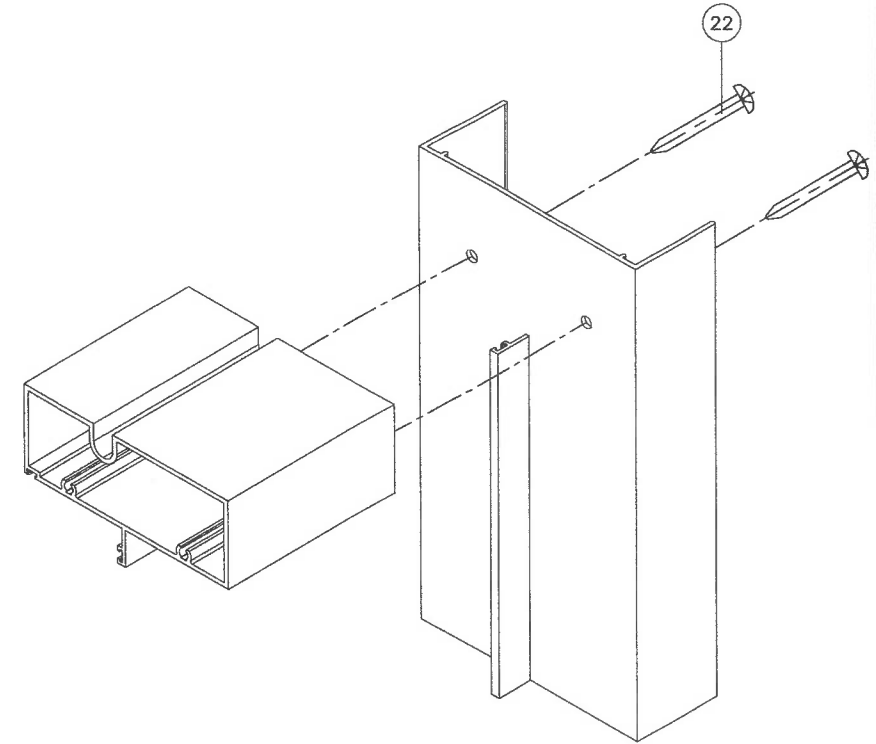
FRAME TOP CORNER



TRANSOM CORNER

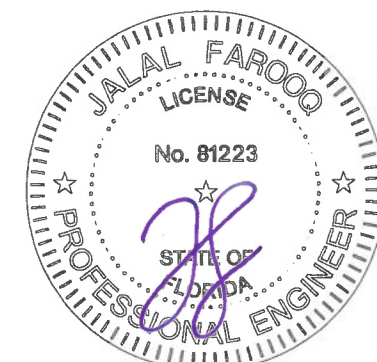


FRAME BOTTOM CORNER



SIDELITE SLIP ON JAMB CORNER

**PRODUCT REVISED**  
as complying with the Florida  
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NOA-No. **19-0326.09**  
Expiration Date: **09/10/2025**  
By: Ismael L. Chandra  
Miami-Dade Product Control



Sealed: 8/24/20

**af c**  
**AL-FAROOQ CORPORATION**  
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date: 02-24-10	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no. <b>W10-08</b>			
sheet 12 of 12			