



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

NOTICE OF ACCEPTANCE (NOA)

Labrador & Fundora Corp dba V & V Windows
2355 W 4th 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 "300NI" Aluminum Outswing Entrance Door w/wo Sidelites-N.I.

APPROVAL DOCUMENT: Drawing No. **W10-47 Rev G**, titled "Series 300NI Alum Out-Swing Entrance Door (N.I.)", sheets 1, 2, 2.1, 3, 4, 5, 5.1, 6, 7, 7.1 and 8 through 9 of 9, prepared by Al-Farooq Corporation, dated 08/13/10 and last revised 09/04/20, 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: None.

Limitations:

1. Approved Hurricane Protection Devices, complying w/ FBC required.
2. See Design Pressure (DP) tables for X or XX doors in sheet 2 and doors w/sidelites (w/wo reinforcement) in sheet 3. Lower DP ratings shall apply when doors are mulled w/ Sidelites. See Single (Standalone) side lite in sheet 2.1
3. Max door leaf width mulled w/sidelites in sheet 3, shall not exceed = 36-5/8" (single) and 73" (Double) doors. See Lock options 1 or 2, on sheet 7.1.

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 # 21-0601.02** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

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



Ishaq I. Chanda

NOA No. 21-1201.04
Expiration Date: July 07, 2026
Approval Date: December 23, 2021
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 See below)
2. Drawing No. **W10-47 Rev D**, titled "Series 300NI Alum Out-swing Entrance Door (N.I.)", sheets 1 through 9 of 9, prepared by AL-Farooq Corporation, dated 08/13/10 and last revised on October 14, 2015, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under file #12-0306.06/#11-0223.02)

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of aluminum outswing door w/ sidelites, prepared by American Testing Lab of South Florida, Test Report No.

ATLSF 0403.02-08, dated 01/18-19/10, signed and sealed by William R. Mehner, P.E. and Edmundo Lagaespada, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2014 (5th Edition), prepared by Al Farooq Corporation, dated 02/18/15 and last revised on SEP 14, 2015, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 & -09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014 (5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 02/13/15, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance as part of the above referenced test report.
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)*
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.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-1201.04
Expiration Date: July 07, 2026
Approval Date: December 23, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

1. This NOA **revises & renews NOA # 12-0306.06**, expiring on 07/07/21.
2. Test proposal # **07-3564** dated Nov 28, 2006 and e-mail test revision dated Oct 23, 20008, approved by BCCO.

2. EVIDENCE SUBMITTED under previous NOA.

A. DRAWINGS

1. Drawing No. **W10-47 Rev F**, titled "Series 300NI Alum Out-Swing Entrance Door (N.I.)", sheets 1, 2, 2.1, 3, 4, 5, 5.1, 6, 7, 7.1 and 8 through 9 of 9, prepared by Al-Farooq Corporation, dated 08/13/10 and last revised on 04/03/17, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)** and **FBC 6th Edition (2017)**, prepared by Al Farooq Corporation, dated 09/15/17, 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. None.

F. STATEMENTS

1. Statement letter of conformance to **FBC 5th Edition (2014)** and **FBC 6th Edition (2017)**, prepared by Al Farooq Corporation, dated 07/07/17, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA **revises NOA # 15-0311.04**, expiring on 07/07/21.

3. EVIDENCE SUBMITTED under previous approval

A. DRAWINGS

1. Drawing No. **W10-47 Rev G**, titled "Series 300NI Alum Out-Swing Entrance Door (N.I.)", sheets 1, 2, 2.1, 3, 4, 5, 5.1, 6, 7, 7.1 and 8 through 9 of 9, prepared by Al-Farooq Corporation, dated 08/13/10 and last revised 09/04/20, signed and sealed by Jalal Farooq, P.E.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-1201.04
Expiration Date: July 07, 2026
Approval Date: December 23, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)** and **FBC 7th Edition (2020)**, prepared by Al Farooq Corporation, dated 09/04/20, 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. None.

F. STATEMENTS

1. Statement letter of conformance to **FBC 7th Edition (2020)**, prepared by Al Farooq Corporation, dated 09/04/20, signed and sealed by Jalal Farooq, P.E.

G. OTHER

1. This NOA revises **NOA # 17-0926.15** and updates to FBC 2020, expiring on 07/07/21.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-1201.04
Expiration Date: July 07, 2026
Approval Date: December 23, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. EVIDENCE SUBMITTED under previous submittal

A. DRAWINGS

1. Drawing No. **W10-47 Rev G**, titled “Series 300NI Alum Out-Swing Entrance Door (N.I.)”, sheets 1, 2, 2.1, 3, 4, 5, 5.1, 6, 7, 7.1 and 8 through 9 of 9, prepared by Al-Farooq Corporation, dated 08/13/10 and last revised 09/04/20, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to **FBC 7th Edition (2020)**, prepared by Al Farooq Corporation, dated 05/27/21, signed and sealed by Jalal Farooq, P.E.

G. OTHER

1. This NOA **renews NOA # 20-0910.09** for one-year conditional approval, expiring on 07/07/22.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-1201.04
Expiration Date: July 07, 2026
Approval Date: December 23, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **W10-47 Rev G**, titled “Series 300NI Alum Out-Swing Entrance Door (N.I.)”, sheets 1, 2, 2.1, 3, 4, 5, 5.1, 6, 7, 7.1 and 8 through 9 of 9, prepared by Al-Farooq Corporation, dated 08/13/10 and last revised 09/04/20, signed and sealed by Jalal Farooq, P.E.

B. TESTS (verification)

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94along with marked-up drawings and installation diagram of aluminum outswing door w/ sidelites, test report # HETI-21-7067 dated Aug. 12, 202, prepared by Hurricane Engineering & Testing lab, signed and sealed by Rafael E. Droz-Seda, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to **FBC 7th Edition (2020)**, prepared by Al Farooq Corporation, dated 10/14/21, signed and sealed by Jalal Farooq, P.E.

G. OTHER

1. This NOA **renews NOA # 21-0601.02**, expiring on 07/07/26.
2. Test proposal # 21-8017 dated 06/24/21, approved by RER.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-1201.04
Expiration Date: July 07, 2026
Approval Date: December 23, 2021

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 21-1201.04

Expiration Date 07/07/2026

By Ishag I. Chande
Miami-Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 21-0601.02

Expiration Date 07/07/2022

By Ishag I. Chande
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0901.10

Expiration Date 09/13/2022

By Ishag I. Chande
Miami-Dade Product Control

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 300NI
ALUMINUM OUTSWING ENTRANCE DOOR

SINGLE (X) AND DOUBLE (XX) LEAF DOORS SEE SHEET 2.
SINGLE (O) SIDELITE SEE SHEET 2.1.
SINGLE AND DOUBLE LEAF DOORS WITH SIDELITES SEE SHEET 3.
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.

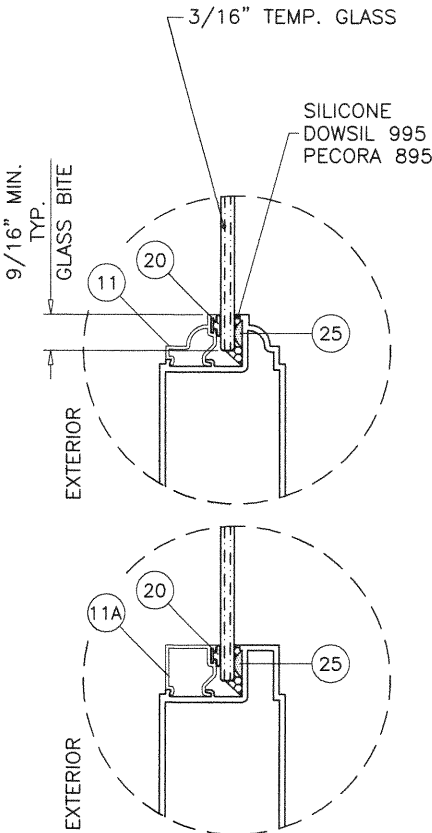
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

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

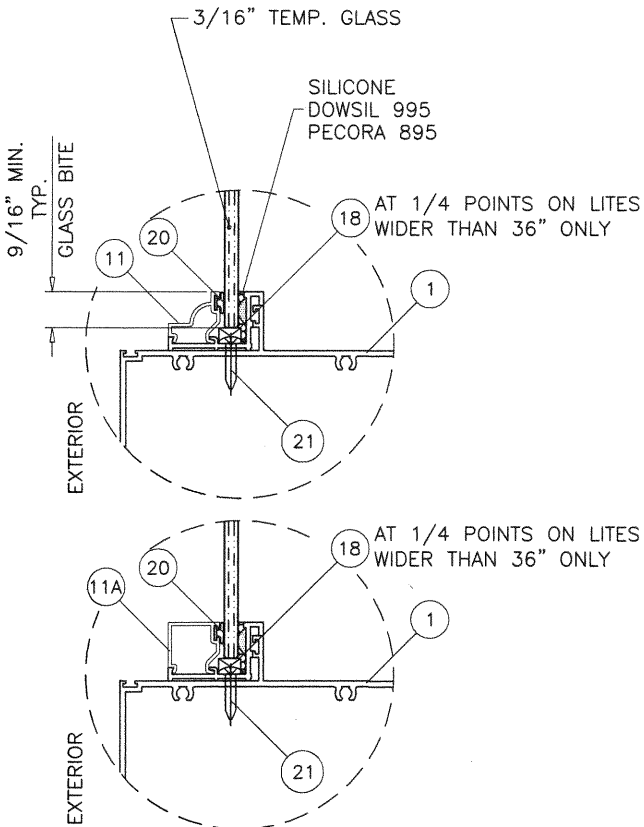
MONOLITHIC GLASS
NON IMPACT



Sealed: 09/04/2020



GLAZING DETAIL
AT DOOR LEAF



GLAZING DETAIL
AT SIDELITE

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 262-6978 FAX. (305) 262-6978
COMP-ANL\W10-47W

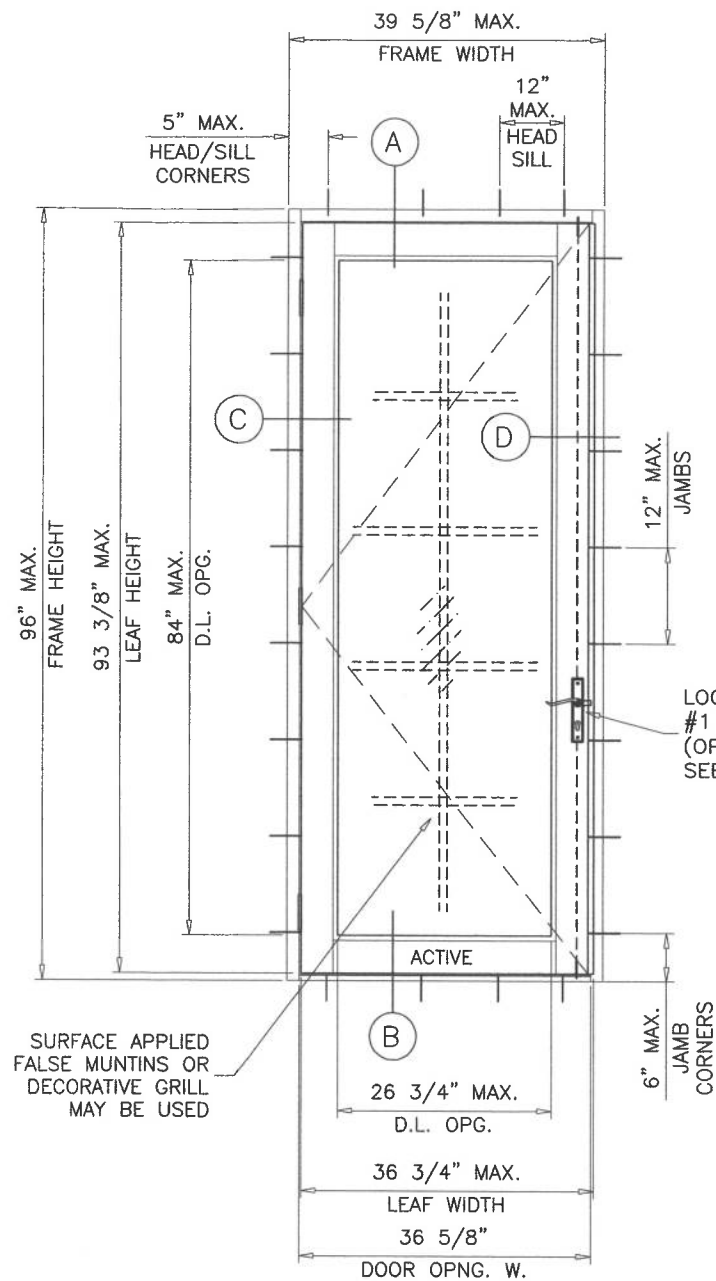
SERIES 300NI ALUM OUT-SWING ENTRANCE DOOR (N.I.)
Labrador & Fundora Corp.
dba-V & V Windows
2355 West 4th Ave.
Hialeah, FL 33010
TEL. (305) 888-4151 FAX. (305) 888-1042

no	date	by	description
C	06.07.12		NO CHANGE THIS SHEET
D	02.16.15		UPDATED TO 2014 FBC
E	09.14.15		REV. PER PER COMMENTS
F	04.03.17		ALT. SHAPES ADDED
G	07.14.20		UPDATED TO 2020 FBC

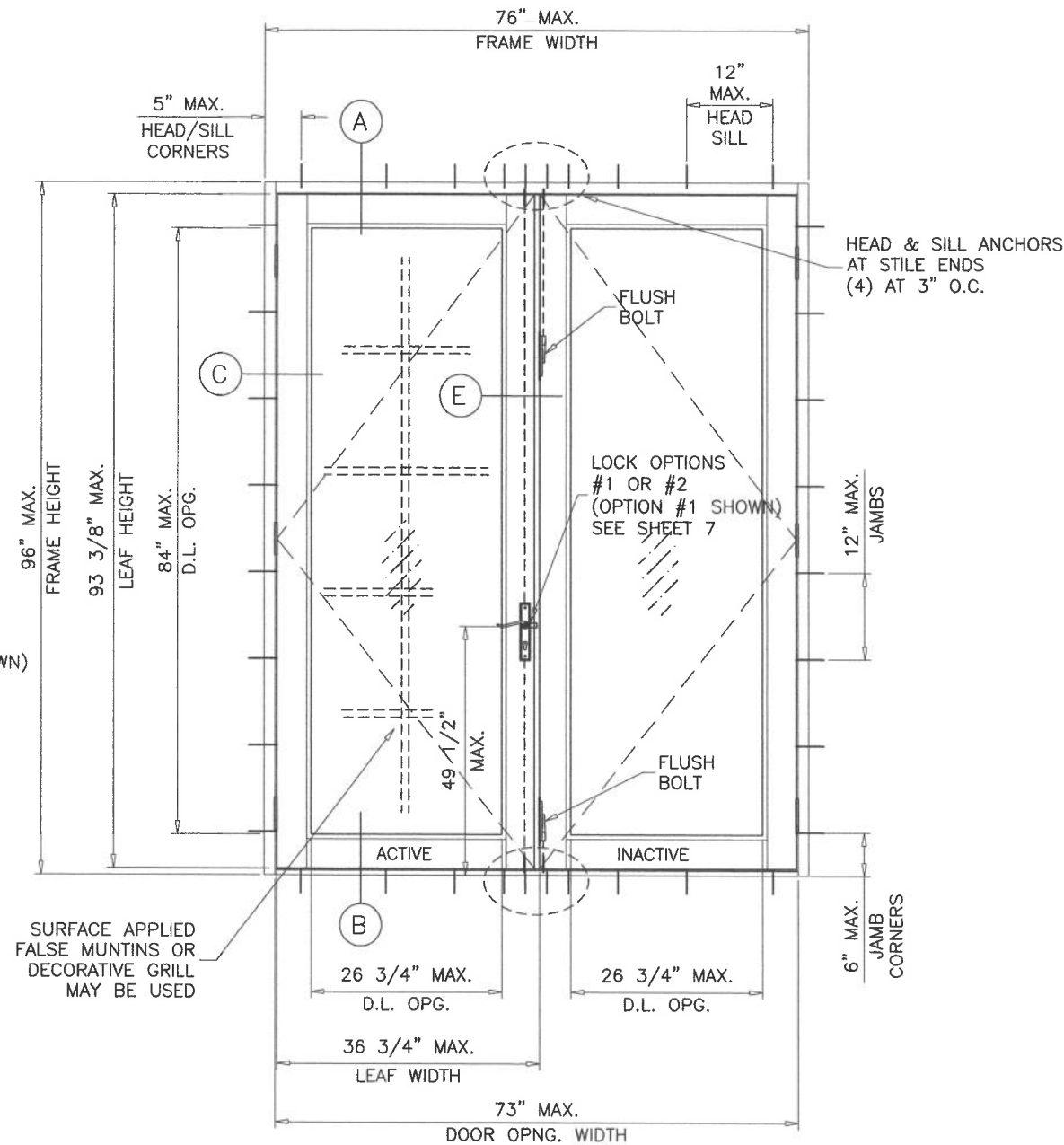
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scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
W10-47

sheet 1 of 9



(X)



(XX)

DOORS LOAD CAPACITY - PSF SINGLE DOORS (X)					
DOOR DIMS.				3/16\" TEMP. GLASS	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	LEAF HEIGHT	EXT.(+)	INT.(-)
37-5/8"	34-3/4"	96"	93-3/8"	70.0	80.0
39-5/8"	36-3/4"			66.3	75.8

DOORS LOAD CAPACITY - PSF DOUBLE DOORS (XX)					
DOOR DIMS.				3/16\" TEMP. GLASS	
FRAME WIDTH	LEAF WIDTH	FRAME HEIGHT	LEAF HEIGHT	EXT.(+)	INT.(-)
72"	34-3/4"	96"	93-3/8"	70.0	80.0
76"	36-3/4"			66.3	75.8

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

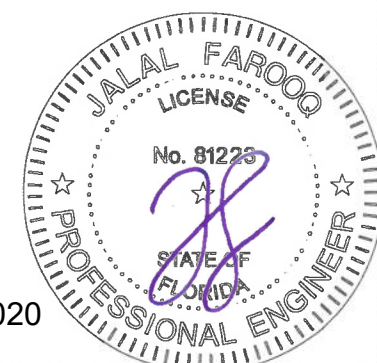
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 21-1201.04
Expiration Date 07/07/2026
By Ishag I. Chande
Miami-Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 21-0601.02
Expiration Date 07/07/2022
By Ishag I. Chande
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0910.09
Expiration Date 07/07/2021
By Ishag I. Chande
Miami-Dade Product Control

EGRESS REQUIREMENTS TO BE REVIEWED BY
BLDG. OFFICIAL.

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: 09/04/2020

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 W10-47W

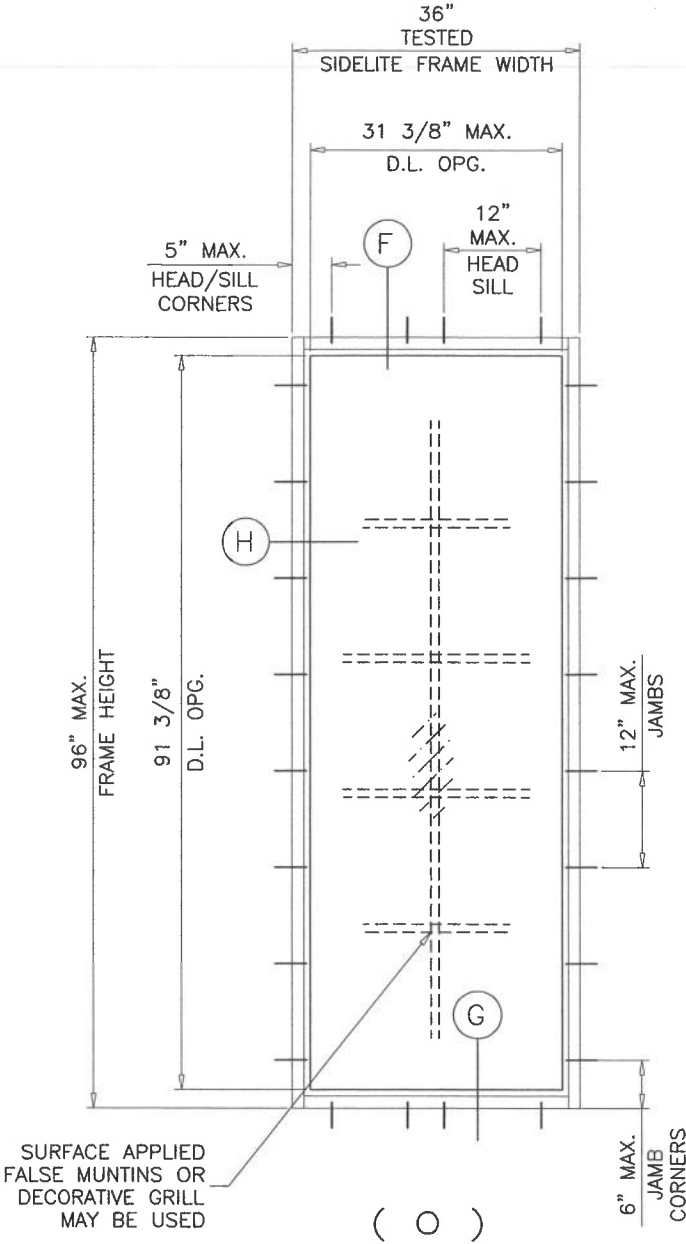
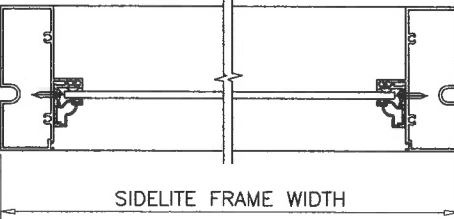
SERIES 300NI ALUM OUT-SWING ENTRANCE DOOR (N.I.)
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revisions:	no	date	by	description
	C	06.07.12	REV.	PER PERA COMMENTS
	D	02.16.15	UPDATED TO	2014 FBC
	E	09.14.15	REV.	PER PER COMMENTS
	F	04.03.17	NO CHANGE	THIS SHEET
	G	07.14.20	EDITORIAL	CHANGES

date: 08-13-10
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
W10-47
sheet 2 of 9

FIXED LITE (O) LOAD CAPACITY - PSF			
FIXED LITE DIMS.		3/16" TEMP. GLASS	
FRAME WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)
24	82-5/8	70.0	80.0
28		70.0	80.0
32		70.0	80.0
36		66.1	75.6
40		59.5	68.0
24	84	70.0	80.0
28		70.0	80.0
32		70.0	80.0
36		66.1	75.6
40		59.5	68.0
24	90	70.0	80.0
28		70.0	80.0
32		70.0	80.0
36		66.1	75.6
40		59.5	68.0
24	96	70.0	75.6
28		70.0	71.2
32		67.4	67.4
36		64.1	64.1
40		64.1	64.1



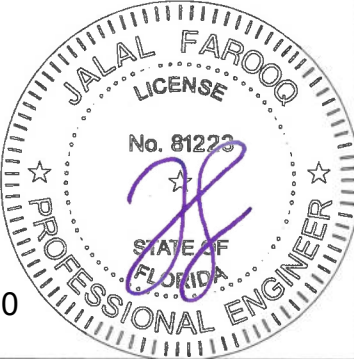
GLASS D.L.O. DIMS. (SIDELITE)
D.L.O. HEIGHT = SIDELITE HEIGHT - 4.625"
D.L.O. WIDTH = SIDELITE WIDTH - 4.625"

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as complying with the Florida
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PRODUCT RENEWED
as complying with the Florida
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NOA-No. 21-0601.02
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By Ishaq I. Chande
Miami-Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0910.09
Expiration Date 07/07/2021
By Ishaq 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: 09/04/2020

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W10-47W

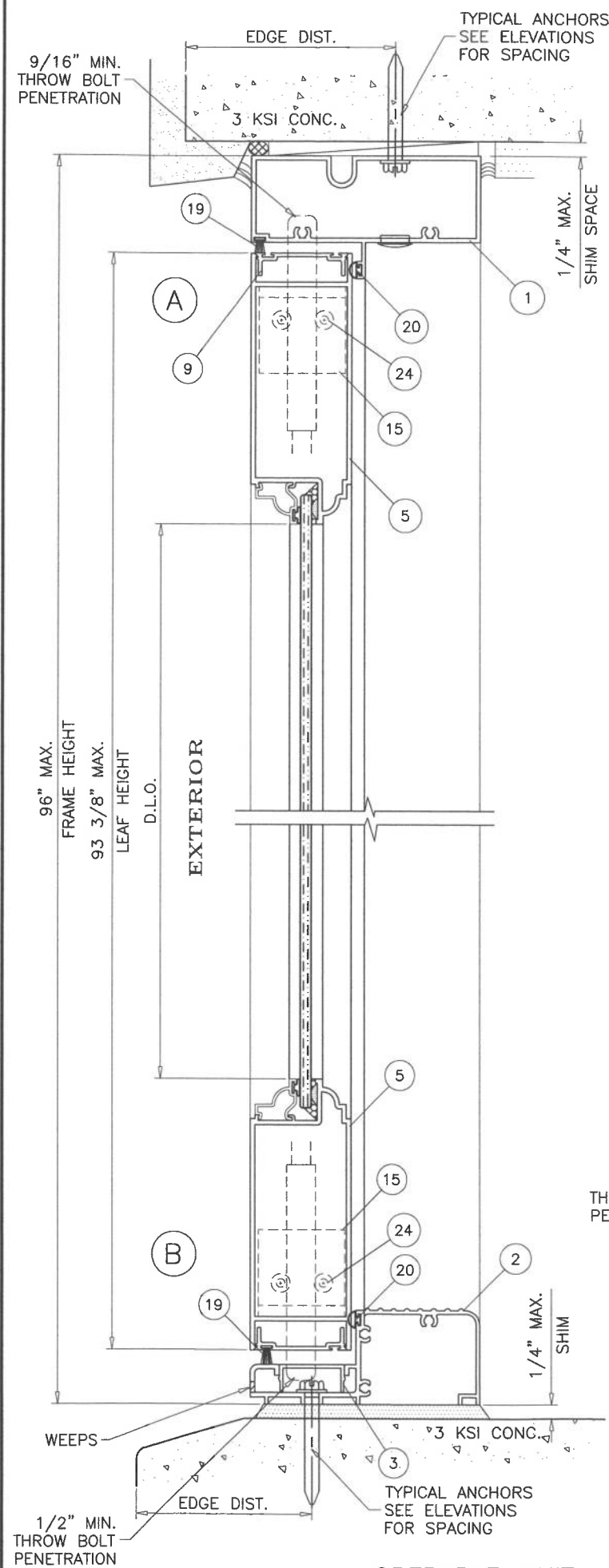
SERIES 300NI ALUM OUT-SWING ENTRANCE DOOR (N.I.)

Labrador & Fundora Corp.
dba-V & V Windows
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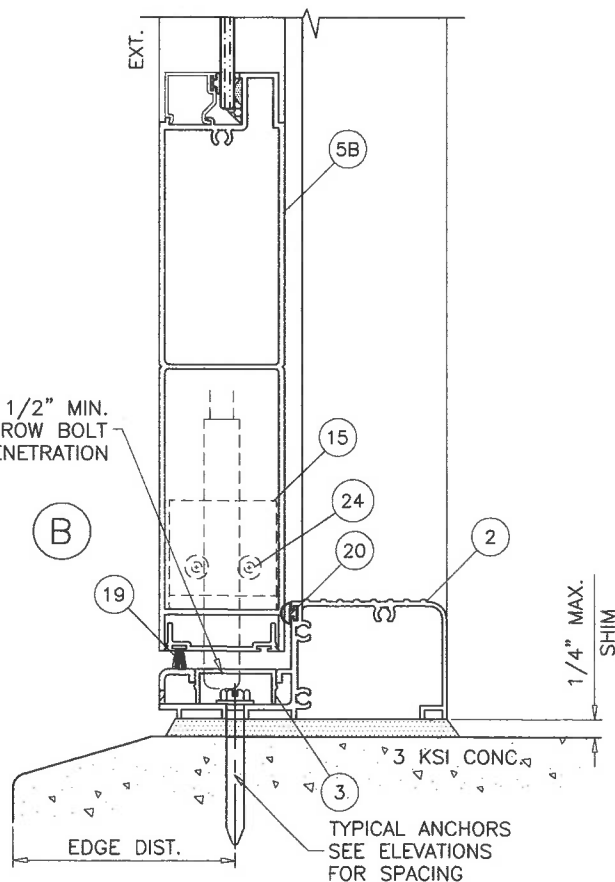
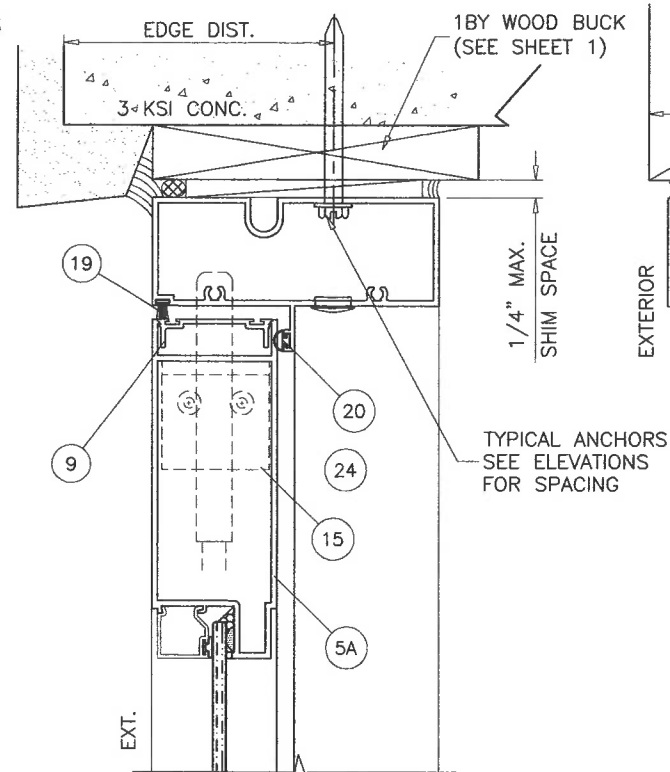
no	date	by	description
C	06.07.12	REV. PER PERA COMMENTS	
D	02.16.15	UPDATED TO 2014 FBC	
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F	04.03.17	NO CHANGE THIS SHEET	
G	07.14.20	EDITORIAL CHANGES	

date: 08-13-10
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
W10-47
sheet 2.1 of 9



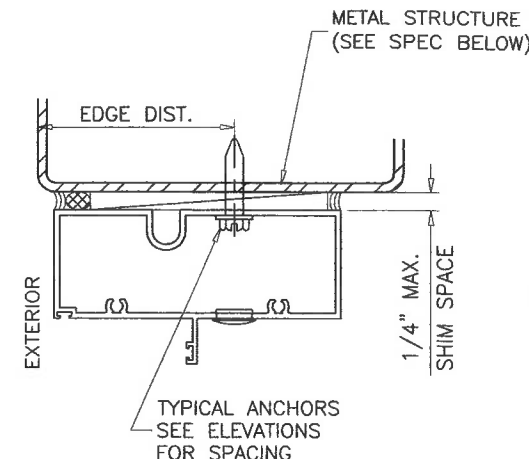
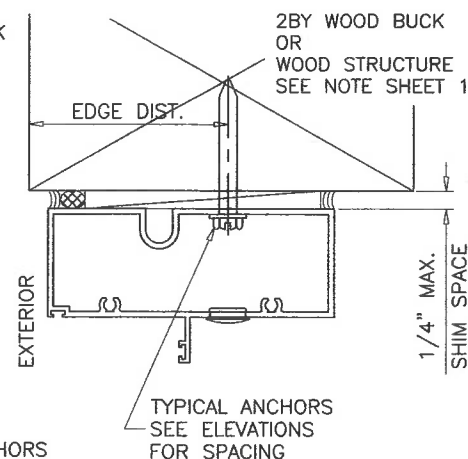
OPERABLE UNIT



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as complying with the Florida
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PRODUCT REVISED
as complying with the Florida
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NOA-No. 20-0910.09
Expiration Date 07/07/2021
By Ishaq I. Chande
Miami-Dade Product Control

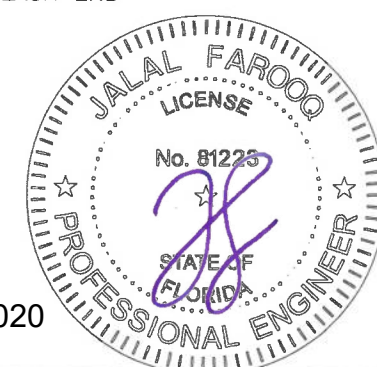


WOOD BUCKS AND METAL STRUCTURE NOT BY 'V & V WINDOWS'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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.

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



DOOR DETAILS

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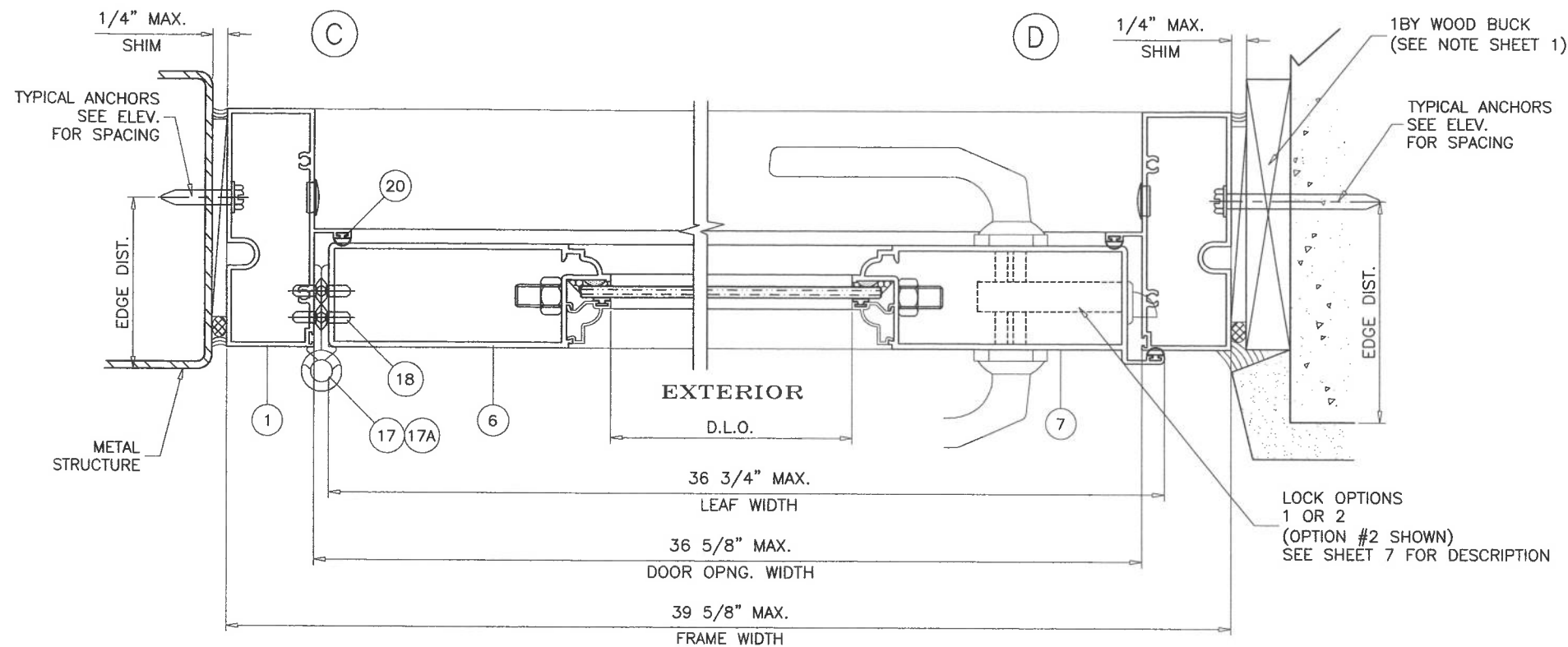
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

SERIES 300NI ALUM OUT-SWING ENTRANCE DOOR (N.I.)
Labrador & Fundora Corp.
dbo-V & V Windows
2355 West 4th Ave.
Hialeah, FL 33010
TEL. (305) 888-4151 FAX. (305) 888-1042

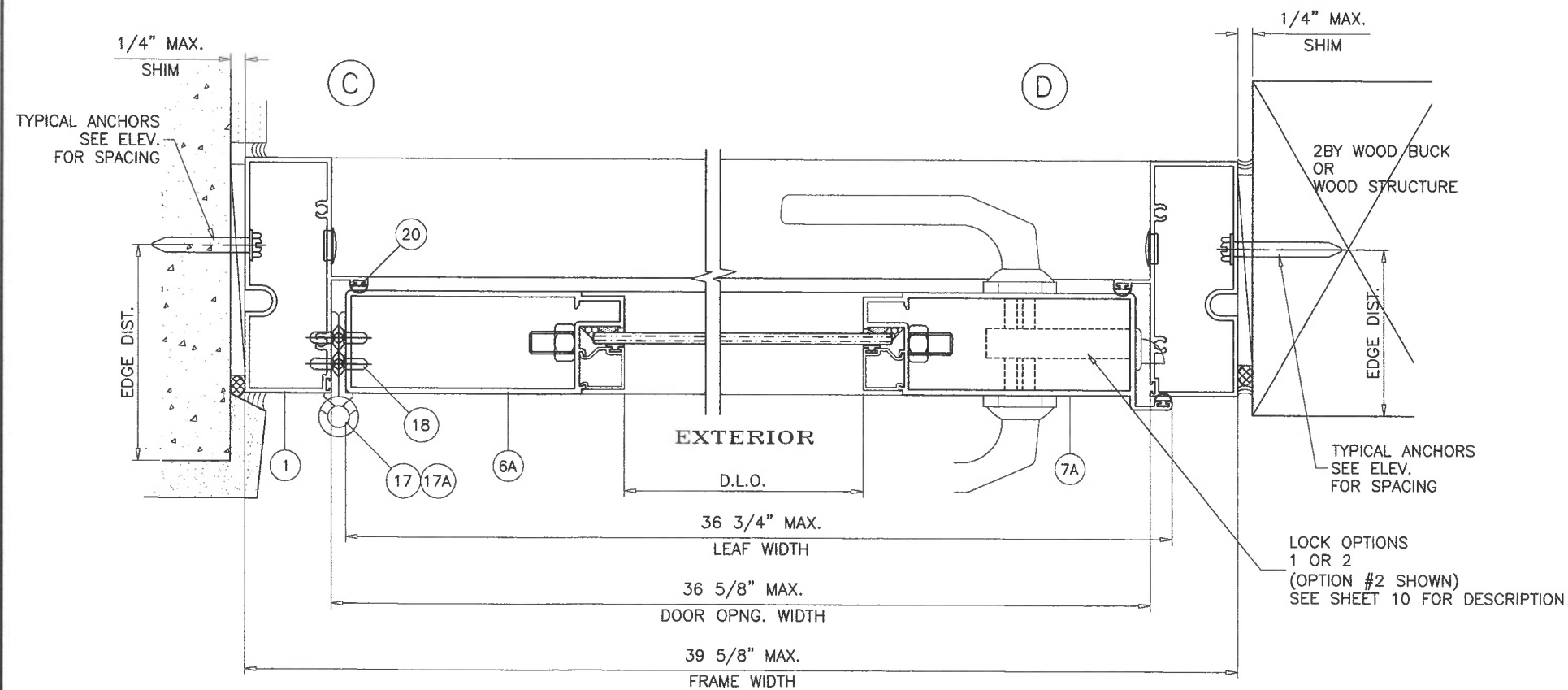
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scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W10-47
sheet 4 of 9



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 as complying with the Florida
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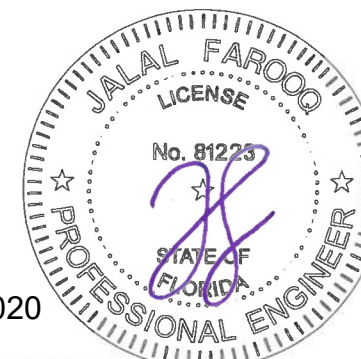


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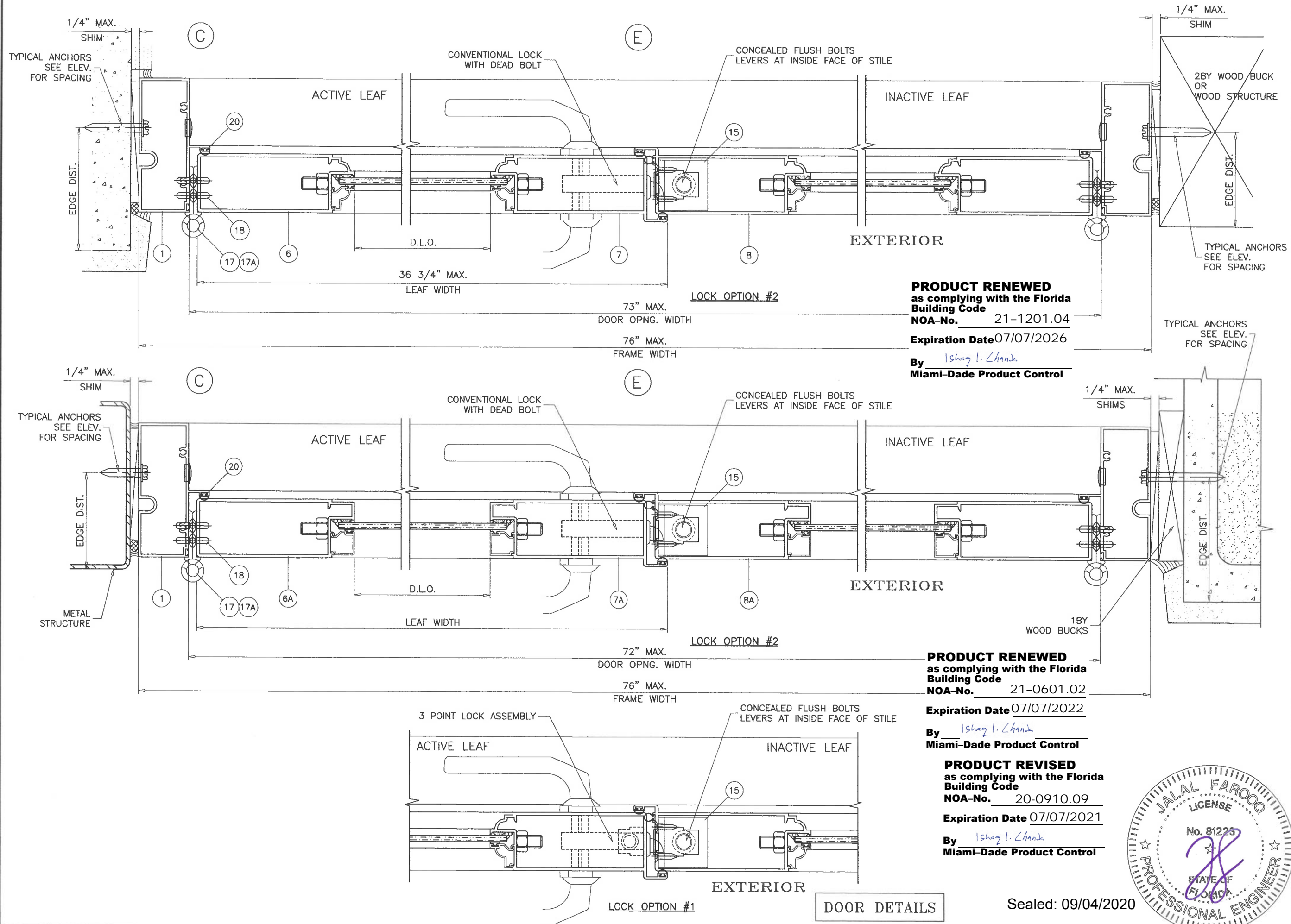
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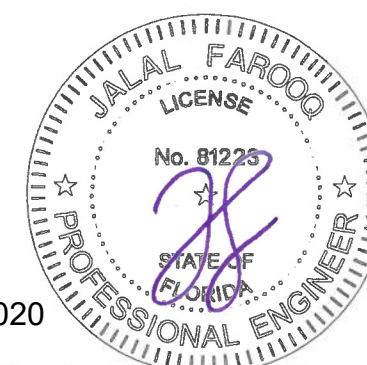
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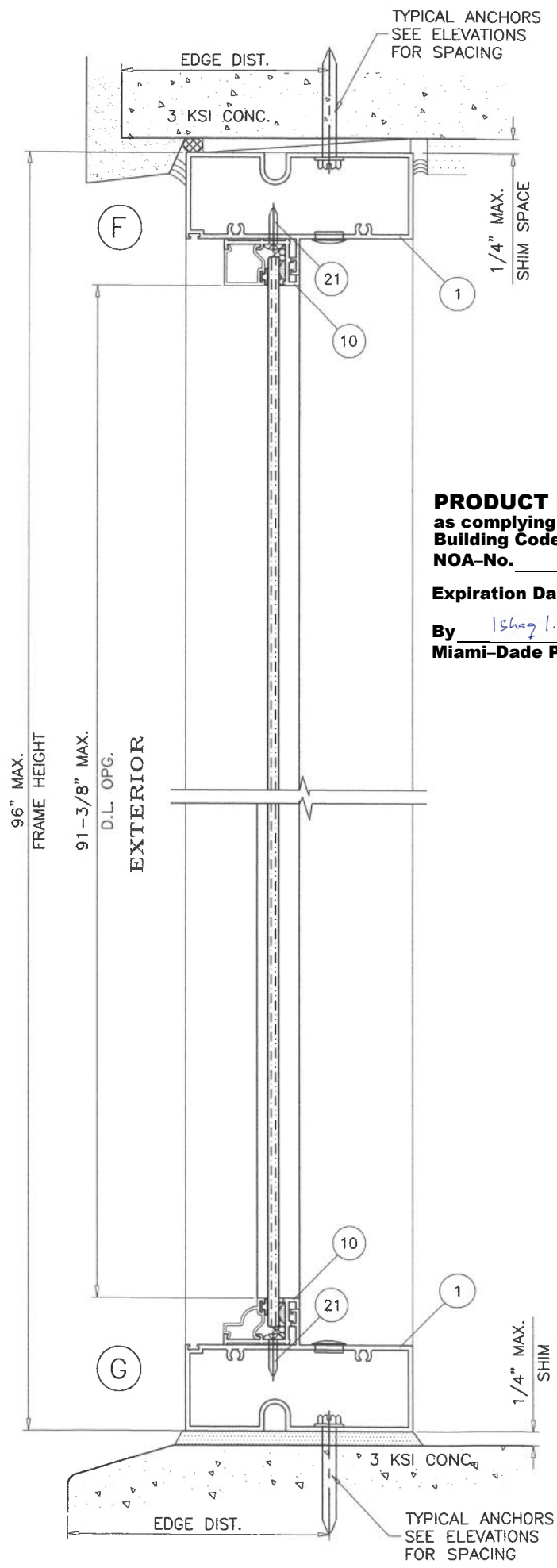
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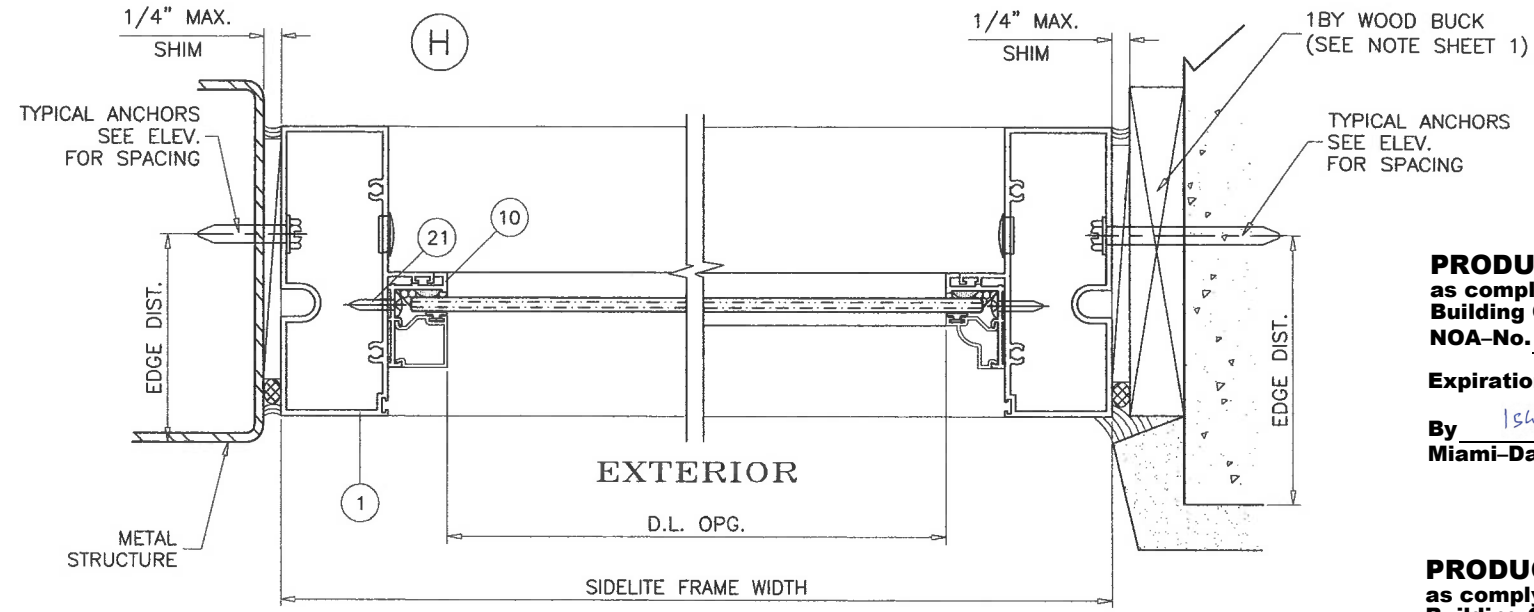
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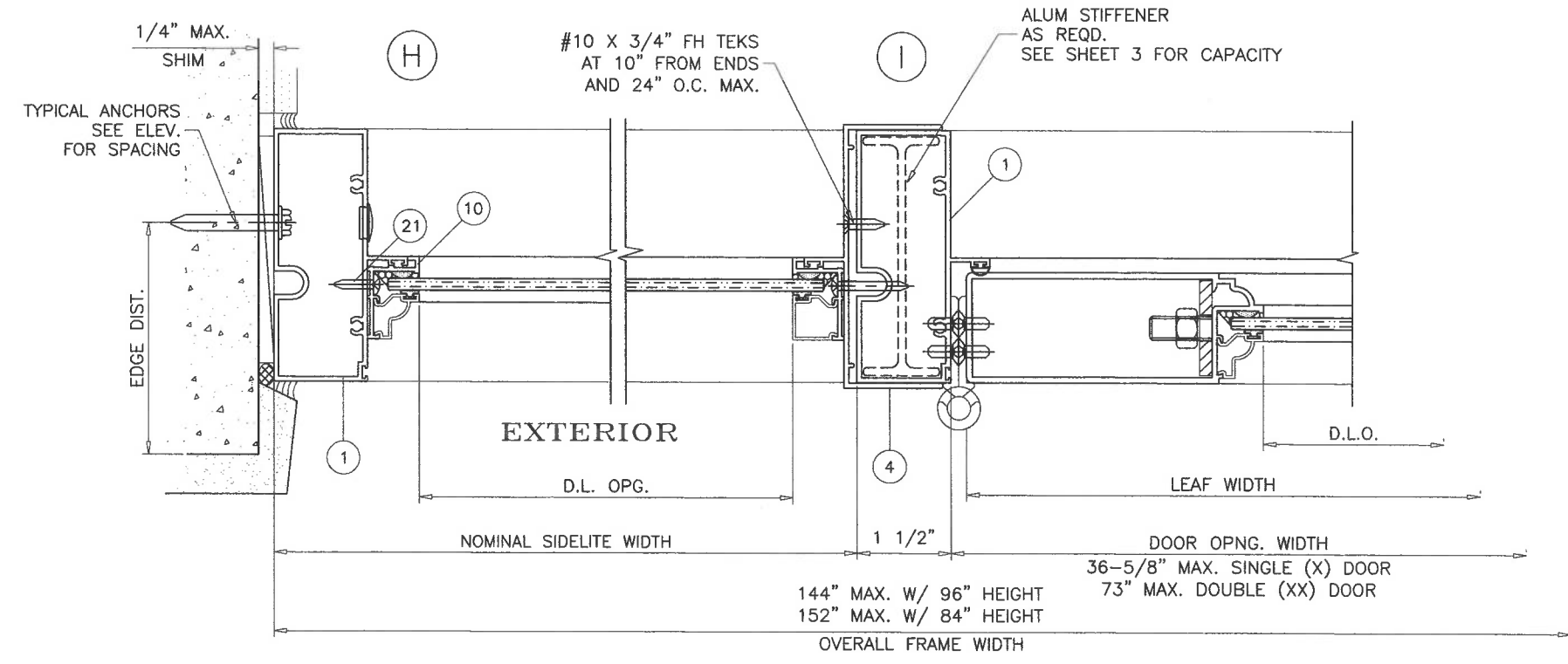


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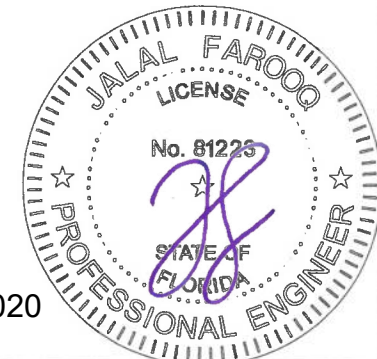
SINGLE SIDELITE



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SIDELITE DETAILS
SIDELITE WITH DOOR DETAILS

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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
5A	V525	2/ LEAF	ALT. TOP AND BOTTOM RAIL	6063-T6	V & V SELECTED EXTRUDER
5B	V530	1/ LEAF	HI-PROFILE BOTTOM RAIL	6063-T6	V & V SELECTED EXTRUDER
6	V506	1/ LEAF	HINGE STILE	6063-T6	V & V SELECTED EXTRUDER
6A	V526	1/ LEAF	ALT. HINGE STILE	6063-T6	V & V SELECTED EXTRUDER
7	V507	1/ LEAF	LOCK AND ASTRAGAL STILE	6063-T6	V & V SELECTED EXTRUDER
7A	V527	1/ LEAF	ALT. LOCK AND ASTRAGAL STILE	6063-T6	V & V SELECTED EXTRUDER
8	V513	AS REQD.	INACTIVE ASTRAGAL STILE	6063-T6	V & V SELECTED EXTRUDER
8A	V528	AS REQD.	ALT. 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	V510	AS REQD.	GLAZING BEAD	6063-T6	V & V SELECTED EXTRUDER
11A	-	AS REQD.	ALT. GLAZING BEAD	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	-

SEALANTS:

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

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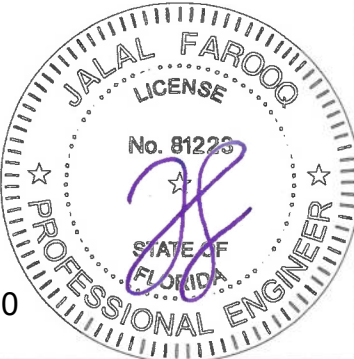
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LOCKS:

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

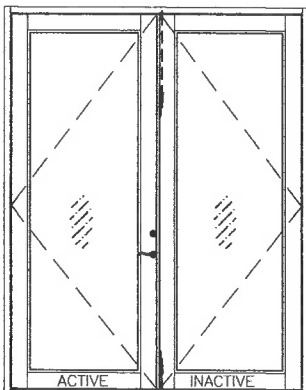
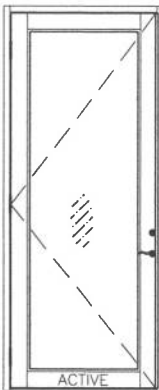
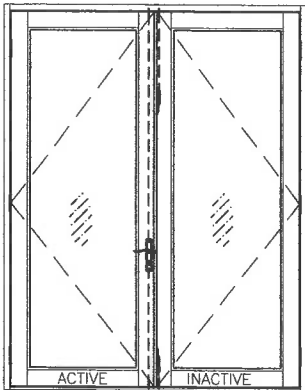
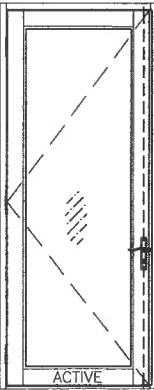
HINGES:

OPTION #1:

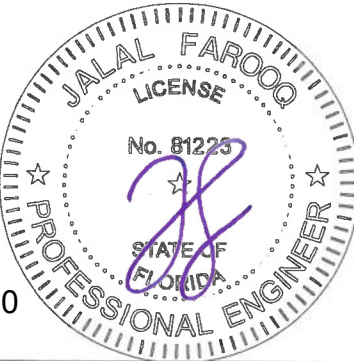
4-3/4" BALL BEARING HINGES 3 PER LEAF
BOTTOM HINGE AT 8-3/8" FROM BOTTOM RAIL
TOP HINGE AT 11" FROM TOP RAIL
CENTER HINGE AT MIDSPAN
HINGES FASTENED WITH #12-24 X 1/2" FH MS

OPTION #2:

7-13/16" THREE PIECE HINGES 3 PER LEAF
BOTTOM HINGE AT 8-3/8" FROM BOTTOM RAIL
TOP HINGE AT 11" FROM TOP RAIL
CENTER HINGE AT MIDSPAN
HINGES FASTENED WITH #10-24 X 1/2" FH MS



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



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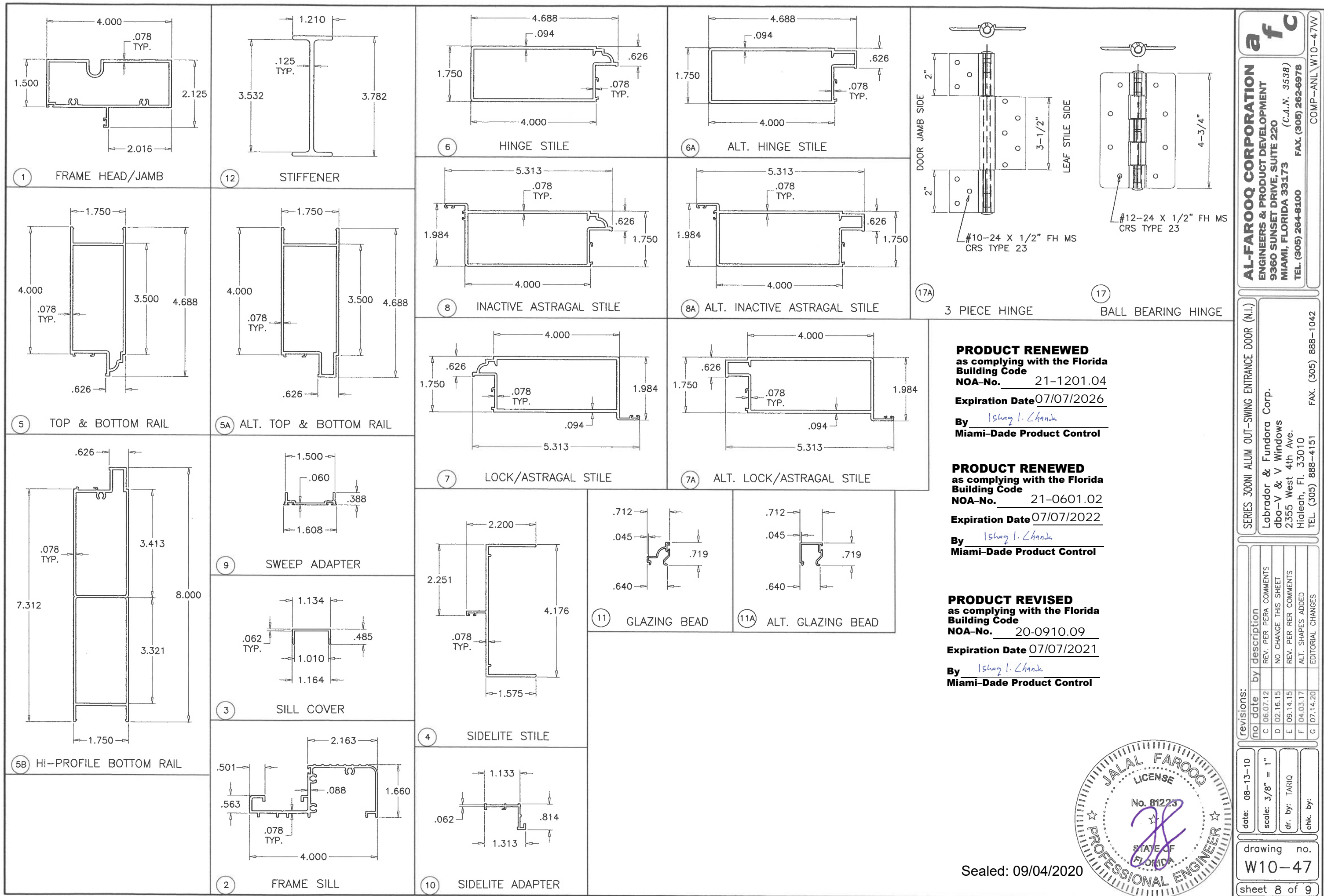
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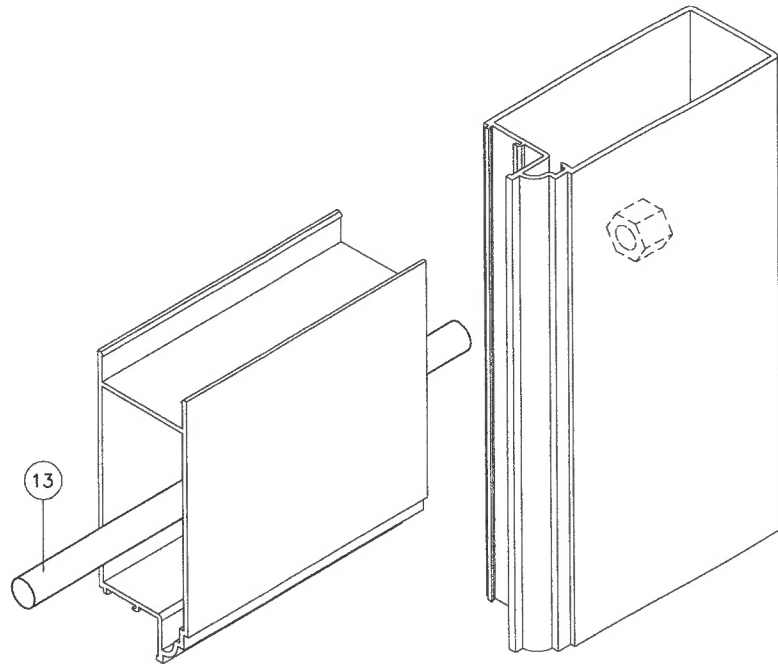
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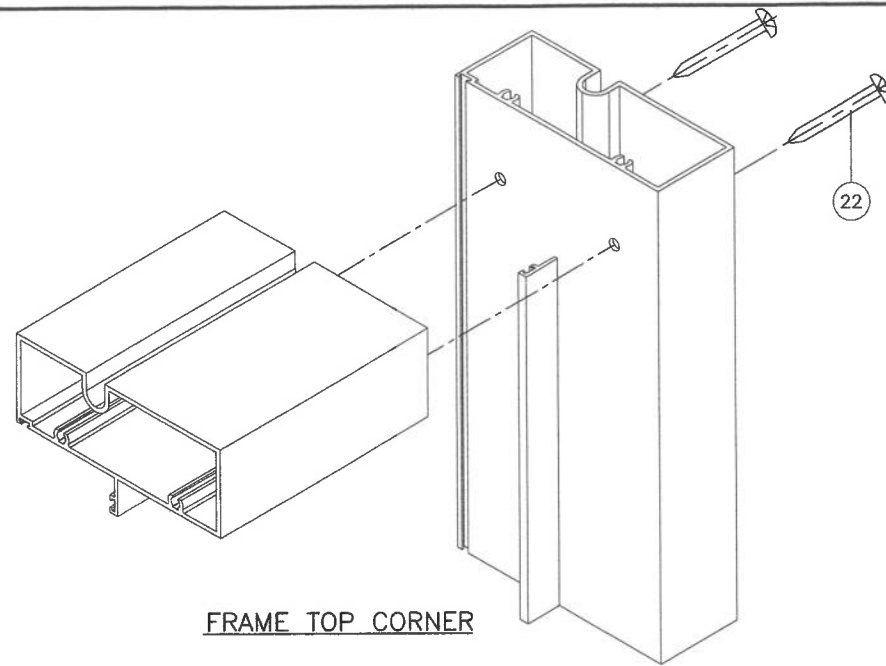
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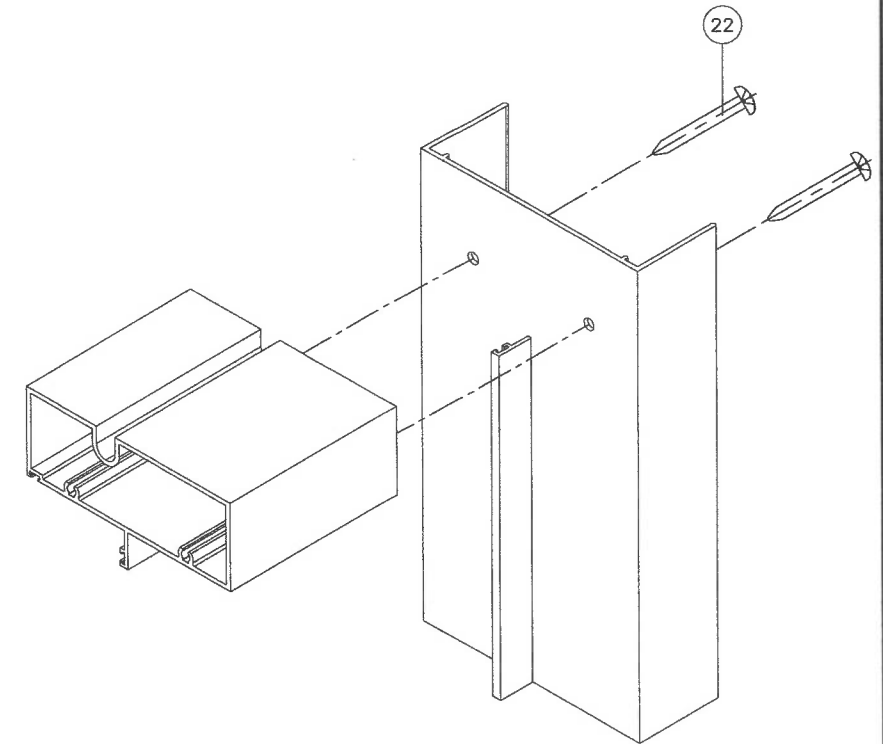




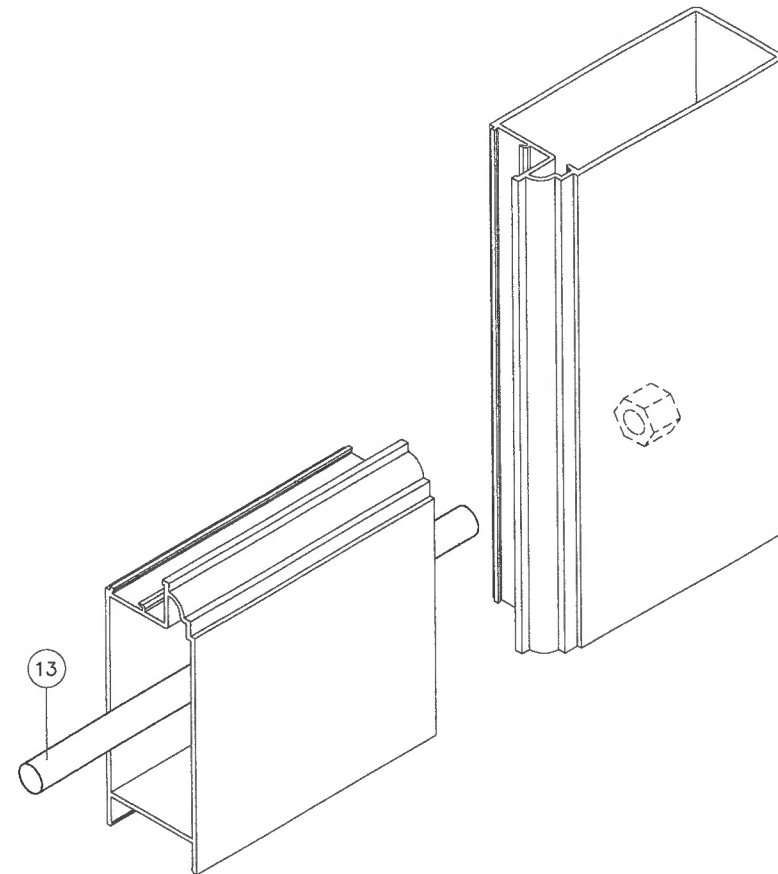
LEAF TOP CORNER



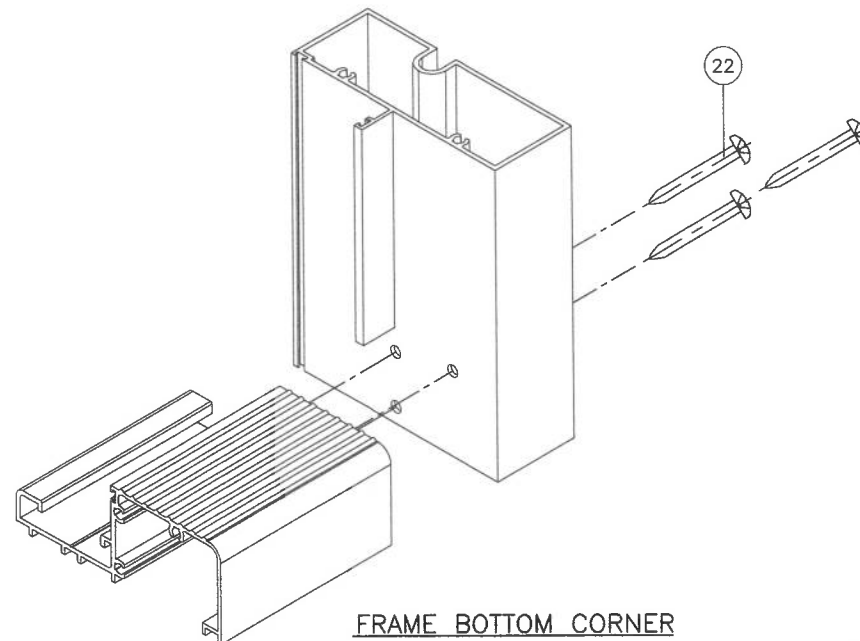
FRAME TOP CORNER



SIDELITE SLIP ON JAMB CORNER



LEAF BOTTOM CORNER

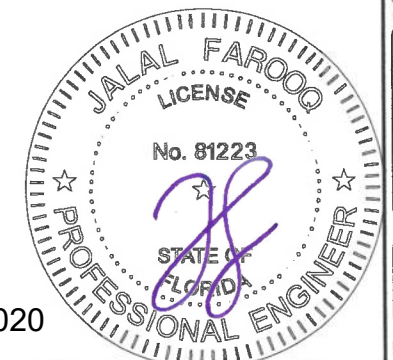


FRAME BOTTOM CORNER

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