



MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building

Universal Impact Windows & Doors, Inc.

1675 W. 31st Place

Hialeah, FL 33012

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 "Rebecca" Outswing Aluminum French Door w/wo Sidelites – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W04-81, Rev I** titled "Series Rebecca Alum. Outswing French Door (L.M.I.)", sheets 1, 2, 3, 4, 4.1, 4.2 and 5 through 11 of 11, dated 09/13/04, with revision **J** dated 09/21/23, 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 Resistant.

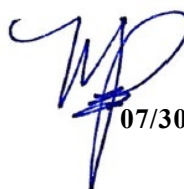
LIMITATIONS:

1. See sheets **2, 3 & 4** for applicable Design Pressure (DP) ratings. Lower DP ratings shall apply for entire assembly, when doors are mullied w/ Sidelites. See sheet **4.2** for approved configurations w/ Sidelites.
2. Two (2) manually operated Flush Bolts item #22 (top/bottom) are required at Single (active leaf) and Double doors (both active and in-active leaves). Steel substrate structural capacity to be reviewed by AHJ.

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", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.




07/30/24

NOA No. 23-0928.28

Expiration Date: May 19, 2025

Approval Date: August 08, 2024

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MIAMI-DADE COUNTY, FLORIDA
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Universal Impact Windows & Doors, Inc.
1675 W. 31st Place
Hialeah, FL 33012

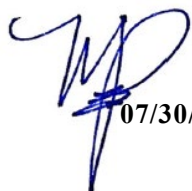
TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate 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 NOA No. 21-0114.06** and consists of these pages 1 and 2, and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




07/30/24

NOA No. 23-0928.28
Expiration Date: May 19, 2025
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Page 2

Universal Impact Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

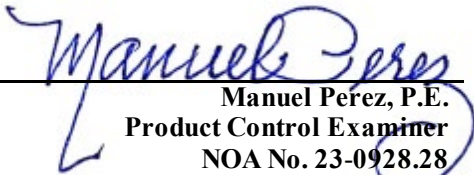
1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 10-0518.06)
2. Drawing No. **W04-81**, titled "Series Rebecca Alum. Outswing French Door (L.M.I.)", sheets 1, 2, 3, 4, 4.1, 4.2 and 5 through 11 of 11, dated 09/13/04, with revision **I** dated 01/08/21, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 21-0114.06)

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, and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum French door w/ sidelites, issued by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6240**, dated 10/13/10, signed and sealed by Jorge A. Causo, P.E.
(Submitted under NOA No. 11-0308.01)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of an outswing double French doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4330** (FTL 04145) dated 09/14/04, signed and sealed by Edmundo Largaespada, P.E.
(Submitted under NOA's No. 05-0104.04 and 10-0518.06)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 7th Edition (2020), dated 01/07/21 and revised on 07/02/21, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 21-0114.06)
2. Glazing complies with **ASTM E 1300-09**.



Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-0928.28
Expiration Date: May 19, 2025
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Universal Impact Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

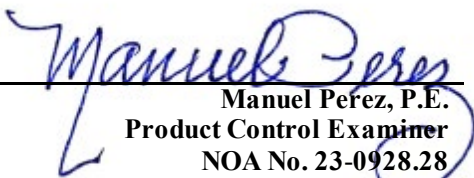
1. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 12/28/17, expiring on 07/04/23.
2. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 05/09/19, expiring on 07/08/24.
3. Notice of Acceptance No. **21-0216.01** issued to **Eastman Chemical Company (MA)** for their “**Saflex PVB Interlayers - Clear and Colored for Glass**” dated 04/29/21, expiring on 05/21/26.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7^h Edition (2020)**, and of no financial interest, dated January 07, 2021, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 21-0114.06)
2. Laboratory compliance as part of the above referenced test reports.
(Submitted under NOA's No. 05-0104.04, 10-0518.06 and 11-0308.01)

G. OTHERS

1. Notice of Acceptance No. **20-0519.01**, issued to Universal Impact Windows & Doors, Inc. for their Series “**Rebecca**” Aluminum Outswing French Door w/wo Sidelites – L.M.I.”, approved on 05/28/20 and expiring on 05/19/25.



Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0928.28
Expiration Date: May 19, 2025
Approval Date: August 08, 2024

Universal Impact Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **W04-81**, titled “Series Rebecca Alum. Outswing French Door (L.M.I.)”, sheets 1, 2, 3, 4, 4.1, 4.2 and 5 through 11 of 11, dated 09/13/04, with revision **J** dated 09/21/23, prepared by Al-Farooq Corporation, 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

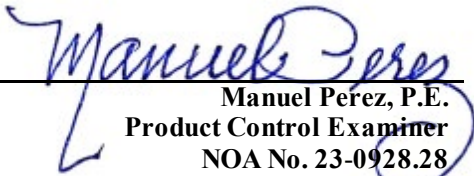
1. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 08/31/23, expiring on 07/04/28.
2. Notice of Acceptance No. **24-0205.08** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 03/21/24, expiring on 07/08/29.
3. Notice of Acceptance No. **23-0713.18** issued to **Eastman Chemical Company (MA)** for their “**Saflex® PVB Clear and Colored Interlayers for Laminated Glass**” dated 08/17/23, expiring on 05/21/26.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, with **FBC 8th Edition (2023)**, and of no financial interest, dated October 26, 2023, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHERS

1. Notice of Acceptance No. **21-0114.06**, issued to Universal Impact Windows & Doors, Inc. for their Series “Rebecca” Aluminum Outswing French Door w/wo Sidelites – L.M.I.”, approved on 03/18/21 and expiring on 05/19/25.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-0928.28
Expiration Date: May 19, 2025
Approval Date: August 08, 2024



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\W04-81UAW

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

SERIES REBECCA
ALUMINUM OUTSWING FRENCH DOOR

SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH GLASS TYPES CAPACITIES SEE SHEET 2.
 SINGLE AND DOUBLE LEAF DOORS WITH SIDELITES SEE SHEETS 3 & 4.
 LOWER VALUES FROM SIDELITE (NARROW/WIDE STILE) CAPACITY CHART OR DOOR 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 2020 (7TH EDITION)/2023 (8TH 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 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

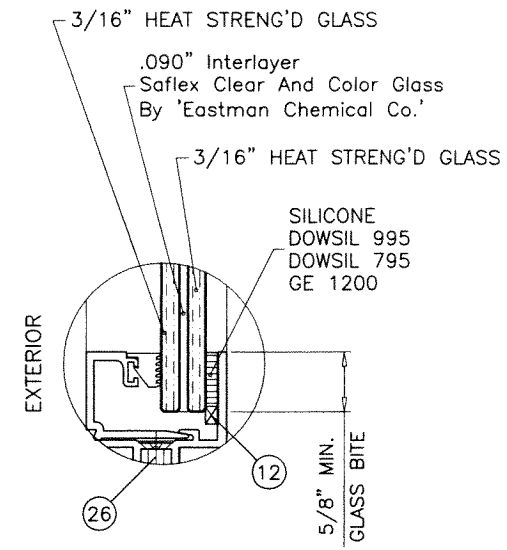
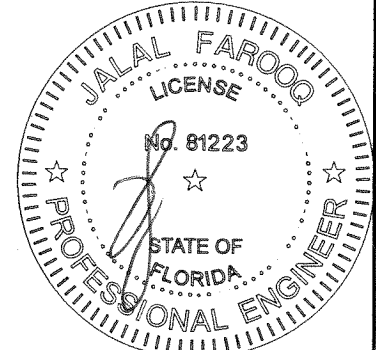
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

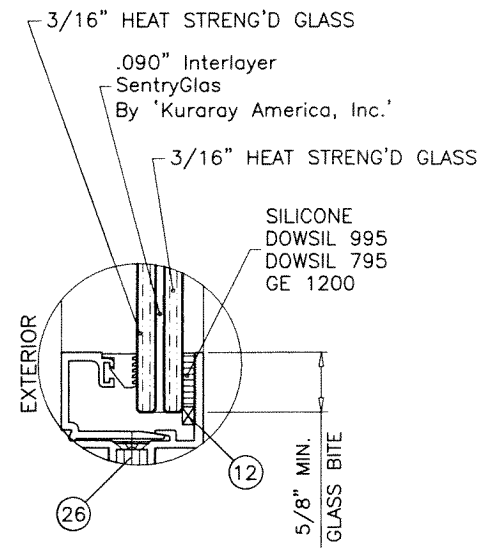
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'

PRODUCT REVISED
 As complying with the Florida Building Code
 NOA-No. **23-0928.28**
 Expiration Date: **05/19/2025**
 By: *Manuel Perez*
 Miami-Dade Product Control

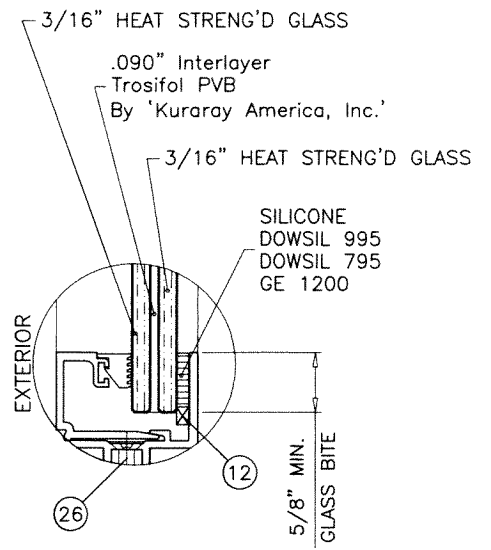
SEP 25 2023



GLASS TYPE 'A'
 7/16" OVERALL LAM. GLASS



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



GLASS TYPE 'C'
 7/16" OVERALL LAM. GLASS

GLAZING OPTIONS

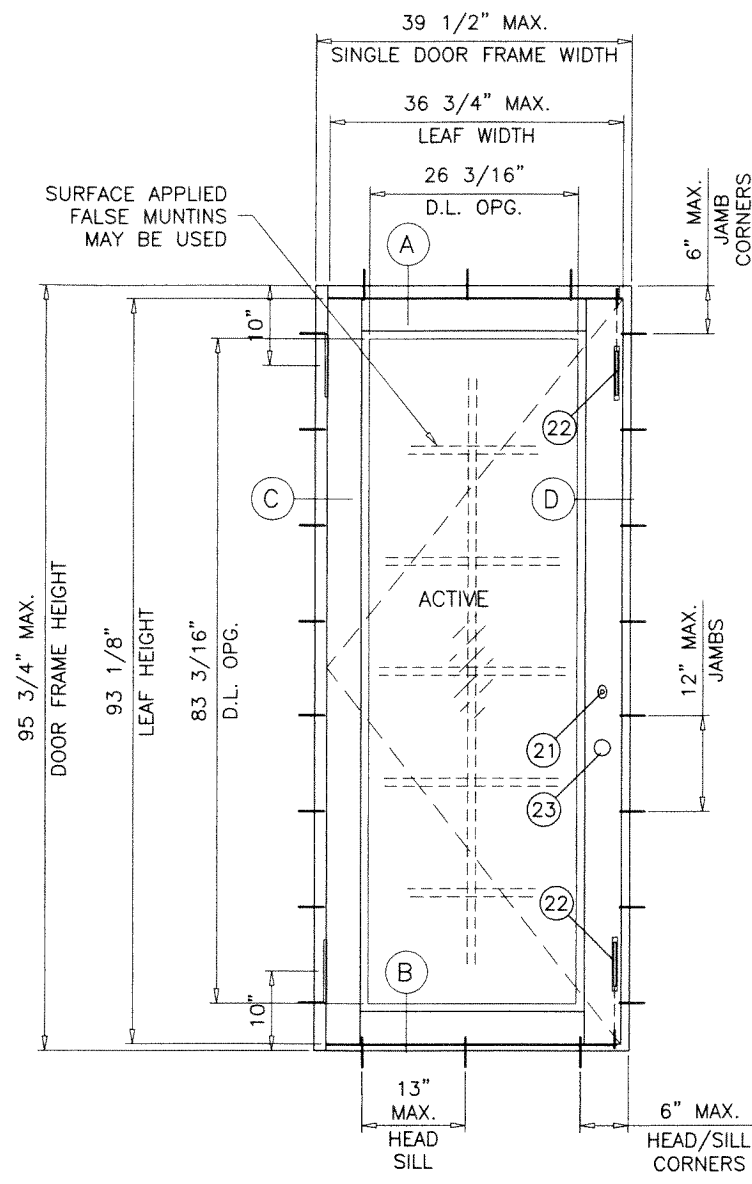
SERIES REBECCA ALUM OUTSWING FRENCH DOOR (L.M.I.)

Universal Impact Windows & Doors, Inc.
 1675 West 31st Place
 Hialeah, Florida 33012
 Tel. (305) 825-7900 Fax (305) 825-5805

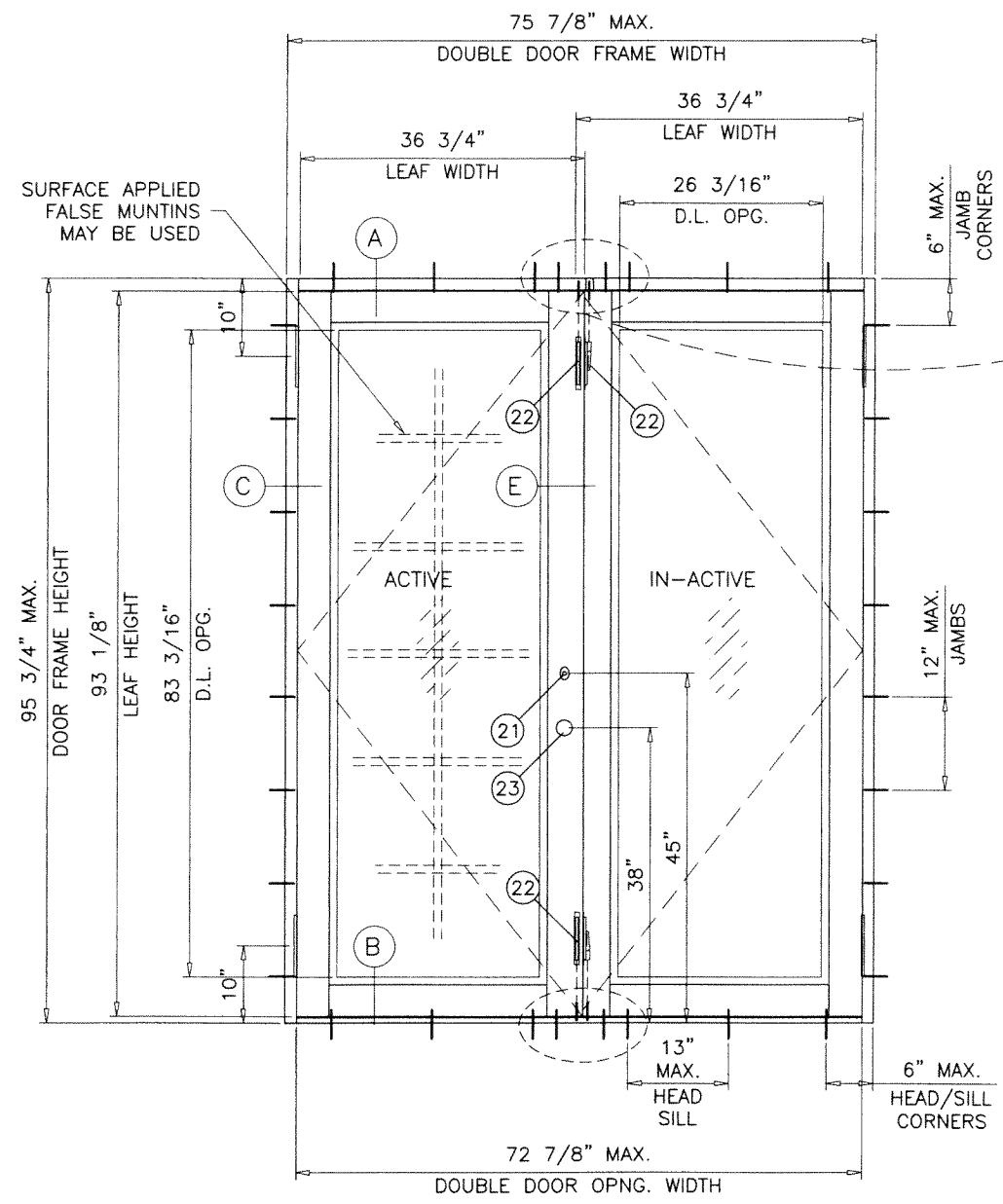
no	date	by	description
G	10.15.15		REV. PER REVISIONS
H	11.08.17		UPDATED TO 2017 FBC
I	10.08.21		UPDATED TO 2020 FBC
J	09.21.23		UPDATED TO 2023 FBC

date:	09-13-04
scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	

drawing no.
W04-81
 sheet 1 of 11



(X)



(XX)

(4) ANCHORS AT MTG. STILE ENDS HEAD/SILL

NOTE: TOP & BOTTOM FLUSH BOLTS OF ACTIVE AND INACTIVE LEAF TO BE ENGAGED DURING PERIODS OF HURRICANE WARNING.

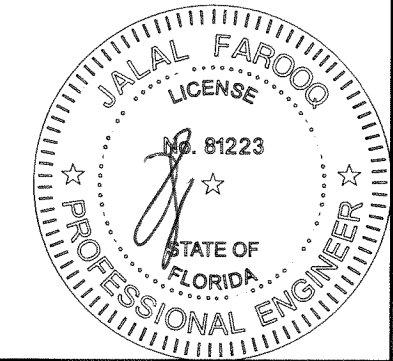
DOORS LOAD CAPACITY - PSF SINGLE DOORS (X)							
DOOR DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
FRAME WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
37-1/2"	95-3/4"	85.0	85.0	85.0	85.0	65.0	75.0
39-1/2"	95-3/4"	65.0	75.0	65.0	75.0	65.0	75.0

DOORS LOAD CAPACITY - PSF DOUBLE DOORS (XX)							
DOOR DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
FRAME WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
71-7/8"	95-3/4"	85.0	85.0	85.0	85.0	65.0	75.0
75-7/8"	95-3/4"	65.0	75.0	65.0	75.0	65.0	75.0

GLASS D.L.O. DIMS.
 D.L.O. HEIGHT = FRAME HEIGHT - 12.562"
 D.L.O. WIDTH (X DOORS) = FRAME WIDTH - 13.312"
 D.L.O. WIDTH (XX DOORS) = (FRAME WIDTH - 23.5")/2
 LEAF HEIGHT = DOOR FRAME HEIGHT - 2.625"

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

SEP 25 2023



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 COMP-ANL\W04-81UAW

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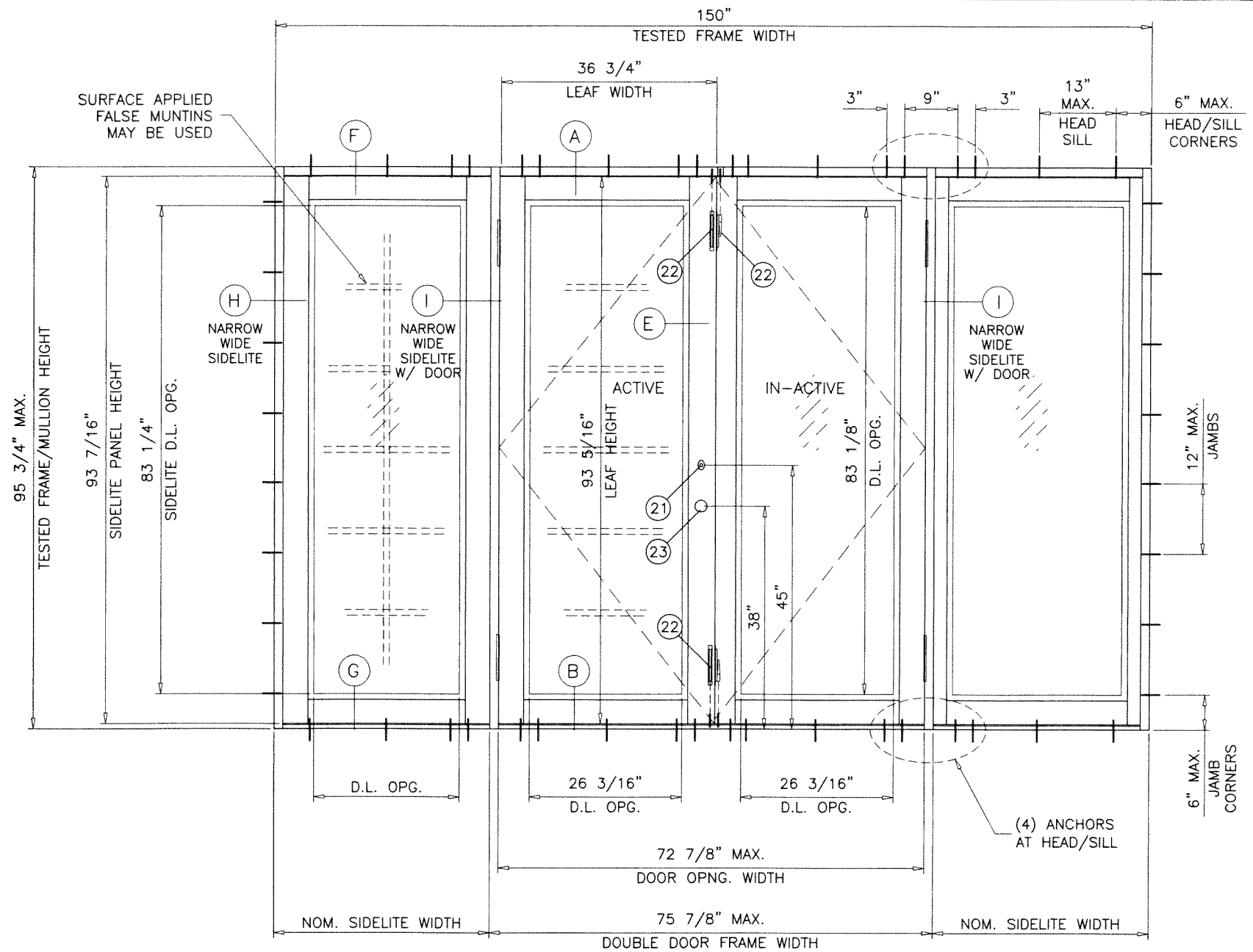
no	date	by	description
G	10.15.15		REV. PER RER COMMENTS
H	11.08.17		UPDATED TO 2017 FBC
I	01.08.21		UPDATED TO 2020 FBC
J	09.21.23		NO CHANGE THIS SHEET

date: 09-13-04
 scale: 3/8" = 1"
 dr. by: TARIO
 chk. by:

drawing no.
W04-81
 sheet 2 of 11

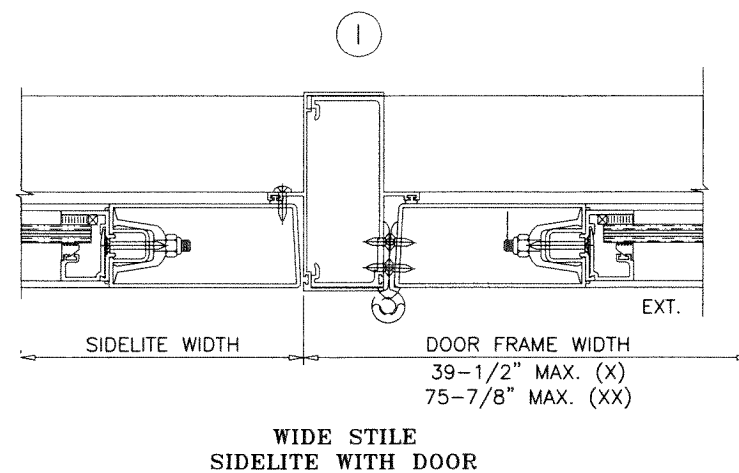
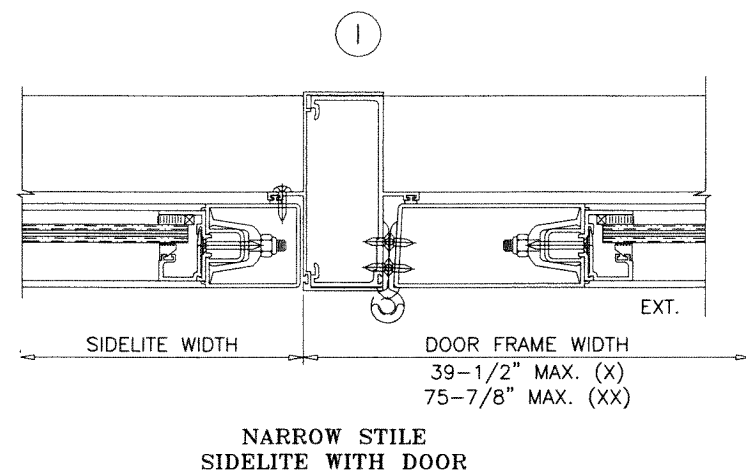
DESIGN LOAD CAPACITY - PSF			
SIDELITES WITH SINGLE OR DOUBLE LEAF DOORS			
NOM. SIDELITE WIDTH INCHES	FRAME HEIGHT INCHES	NARROW/WIDE STILE SIDELITE WITH DOOR	
		EXT.(+)	INT.(-)
32	82-1/4	65.0	75.0
34		65.0	75.0
36		65.0	75.0
37		65.0	75.0
39		61.8	71.3
42		57.4	66.2
44	54.8	63.2	
32	84	65.0	75.0
34		65.0	75.0
36		65.0	75.0
37		65.0	75.0
39		61.8	71.3
42		57.4	66.2
32	90	65.0	75.0
34		65.0	75.0
36		65.0	75.0
37		65.0	75.0
39		61.8	71.3
42		57.4	66.2
32	95-3/4	65.0	75.0
34		65.0	75.0
36		65.0	75.0
37		65.0	75.0

NOTE:
 FOR DOOR CAPACITIES SEE SHEET 2.
 FOR SIDELITE WITH DOOR CAPACITIES SEE CHART ABOVE.
 LOWER VALUES FROM DOOR OR SIDELITE CHART
 WILL APPLY TO ENTIRE SYSTEM.
 SEE SHEET 4.1 FOR SIDELITE WIDTHS.



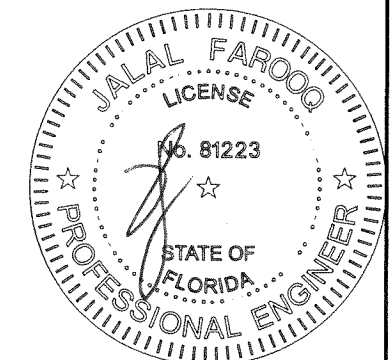
(OXXO)

ALTERNATE UNIT FRAME AREA MUST NOT EXCEED TESTED FRAME AREA 99.7 SQ. FT.



PRODUCT REVISED
 As complying with the Florida Building Code
 NOA-No. **23-0928.28**
 Expiration Date: **05/19/2025**
 By: *Manuel Perez*
 Miami-Dade Product Control

SEP 25 2023



af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
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 MIAMI, FLORIDA 33173
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 COMP-ANL\W04-81UAW

SERIES REBECCA ALUM OUTSWING FRENCH DOOR (L.M.I.)
Universal Impact Windows & Doors, Inc.
 1675 West 31st Place
 Hialeah, Florida 33012
 Tel. (305) 825-7900 Fax (305) 825-5805

no	date	description
G	10.15.15	REV. PER RER COMMENTS
H	11.08.17	UPDATED TO 2017 FBC
I	01.08.21	UPDATED TO 2020 FBC
J	09.21.23	NO CHANGE THIS SHEET

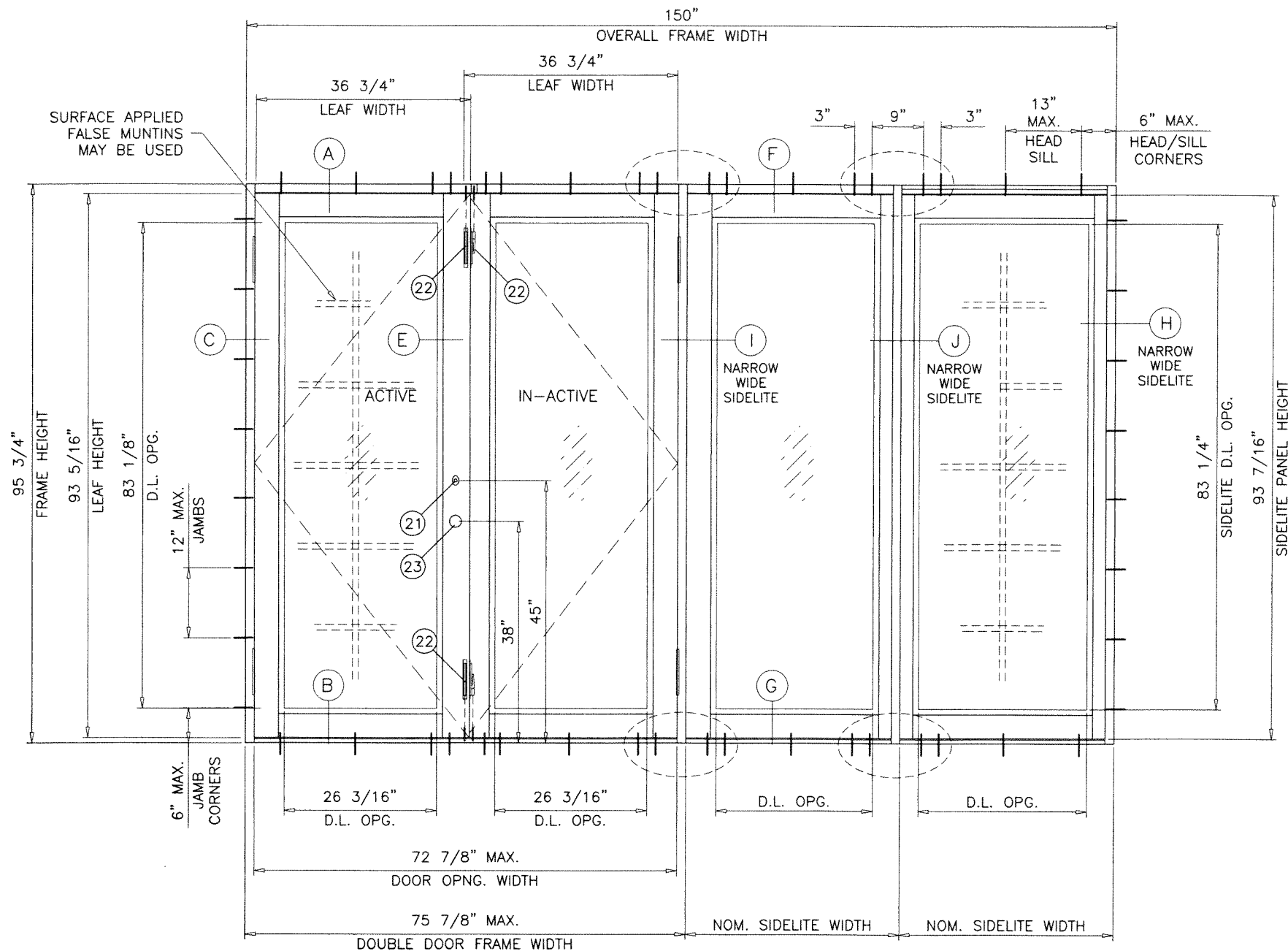
revisions:

date: 09-13-04
 scale: 3/8" = 1"
 dr. by: TARIQ
 ch. by:

drawing no. **W04-81**
 sheet 3 of 11

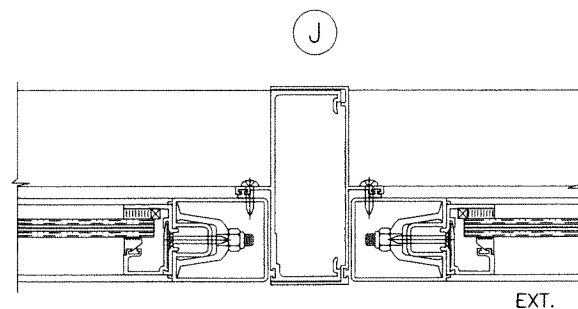
DESIGN LOAD CAPACITY - PSF SIDELITES WITH SIDELITES					
NOM. SIDELITE WIDTH INCHES	FRAME HEIGHT INCHES	NARROW STILE SIDELITE WITH SIDELITE		WIDE STILE SIDELITE WITH SIDELITE	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
32	82-1/4	65.0	75.0	65.0	75.0
34		65.0	75.0	65.0	75.0
36		65.0	75.0	65.0	75.0
37		65.0	75.0	65.0	75.0
39		61.8	71.3	61.8	71.3
42		57.4	66.2	57.4	66.2
44	54.8	63.2	54.8	63.2	
32	84	65.0	75.0	65.0	75.0
34		65.0	75.0	65.0	75.0
36		65.0	75.0	65.0	75.0
37		65.0	75.0	65.0	75.0
39		61.8	71.3	61.8	71.3
42		57.4	66.2	57.4	66.2
32	90	65.0	75.0	65.0	75.0
34		65.0	75.0	65.0	75.0
36		65.0	75.0	65.0	75.0
37		65.0	75.0	65.0	75.0
39		61.8	71.3	61.8	71.3
42		57.4	66.2	57.4	66.2
32	95-3/4	65.0	75.0	65.0	75.0
34		65.0	73.7	65.0	75.0
36		65.0	71.9	65.0	75.0
37		65.0	71.1	65.0	75.0

NOTE:
 FOR DOOR CAPACITIES SEE SHEET 2.
 FOR SIDELITE WITH DOOR CAPACITIES SEE SHEET 3.
 FOR SIDELITE WITH SIDELITE CAPACITIES SEE CHART ABOVE.
 LOWER VALUES FROM DOOR OR SIDELITE CHARTS
 WILL APPLY TO ENTIRE SYSTEM.
 SEE SHEET 4.1 FOR SIDELITE WIDTHS.

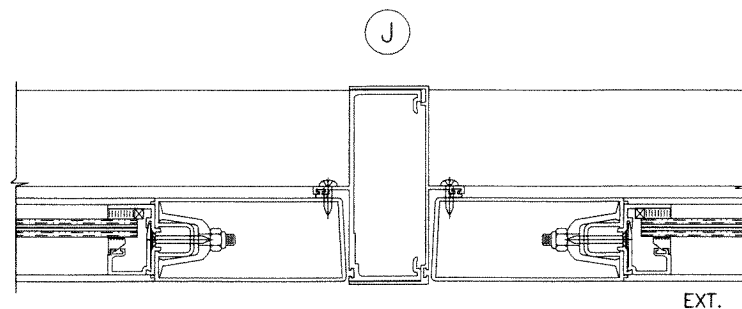


(XXOO)

ALTERNATE UNIT FRAME AREA MUST NOT EXCEED TESTED FRAME AREA 99.7 SQ. FT.



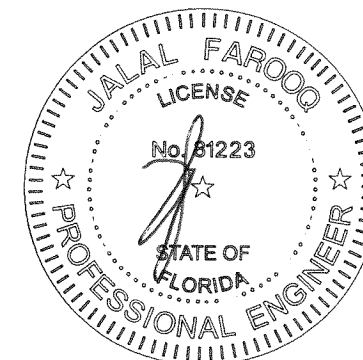
NARROW STILE
SIDELITE WITH SIDELITE



WIDE STILE
SIDELITE WITH SIDELITE

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 Building Code
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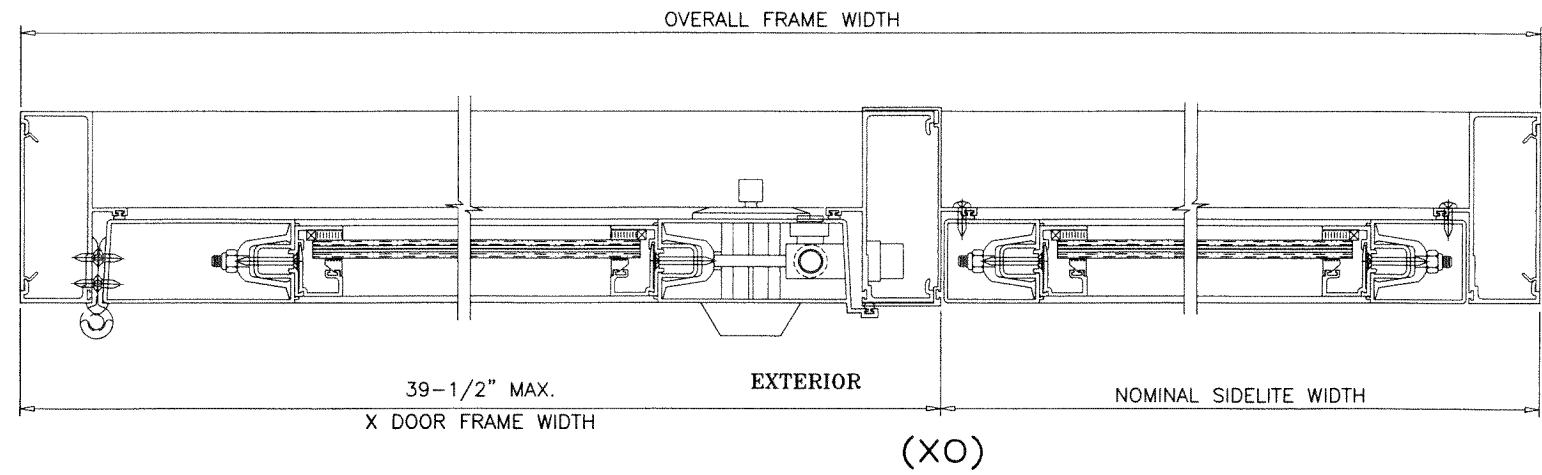
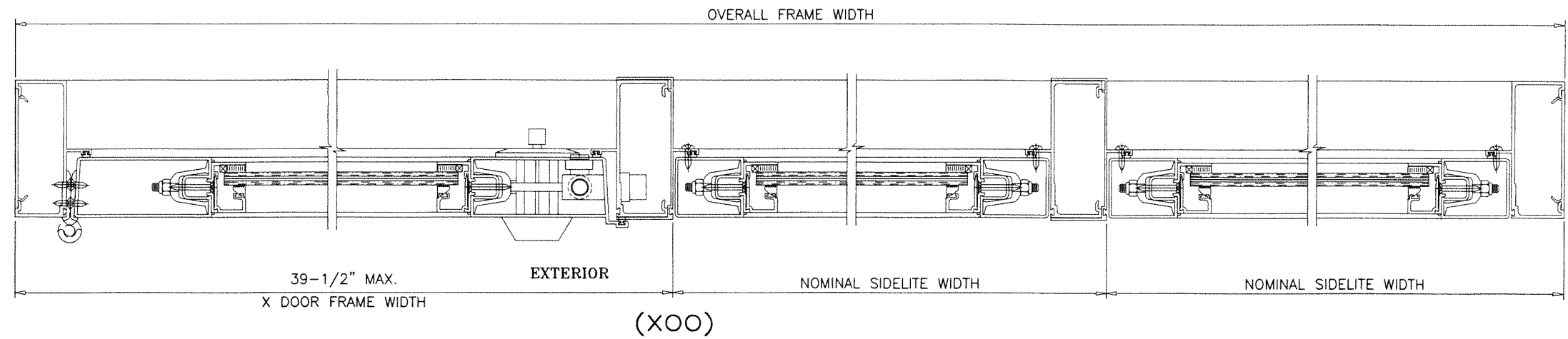
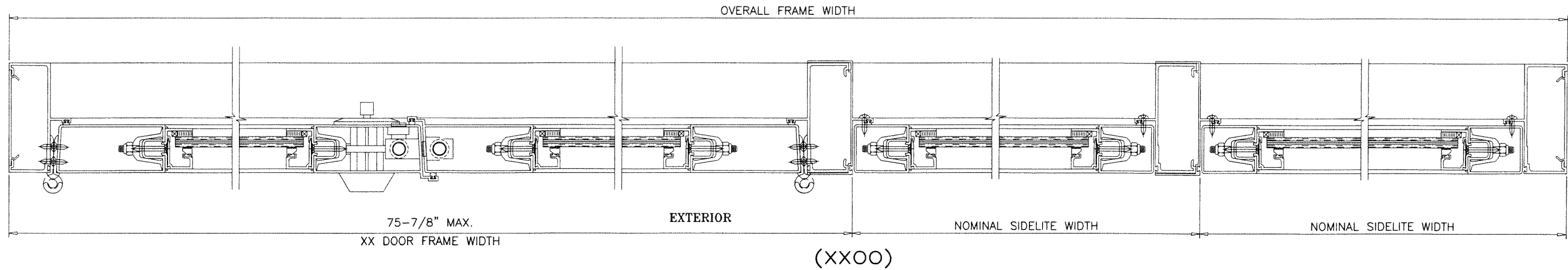


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 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W04-81UAW

SERIES REBECCA ALUM OUTSWING FRENCH DOOR (L.M.I.)
Universal Impact Windows & Doors, Inc.
 1675 West 31st Place
 Hialeah, Florida 33012
 Tel. (305) 825-7900 Fax (305) 825-5805

no	date	description
G	10.15.15	REV. PER RER COMMENTS
H	11.08.17	UPDATED TO 2017 FBC
I	01.08.21	UPDATED TO 2020 FBC
J	09.21.23	NO CHANGE THIS SHEET

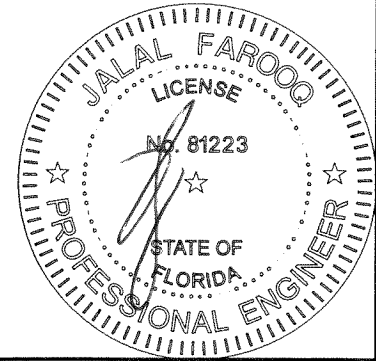
date: 09-13-04
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:
 drawing no.
W04-81
 sheet 4 of 11



SIDELITES MAY BE WIDE OR NARROW STILE WITHIN NOM. SIDELITE WIDTH PER CHART.
(NARROW STILE SHOWN)

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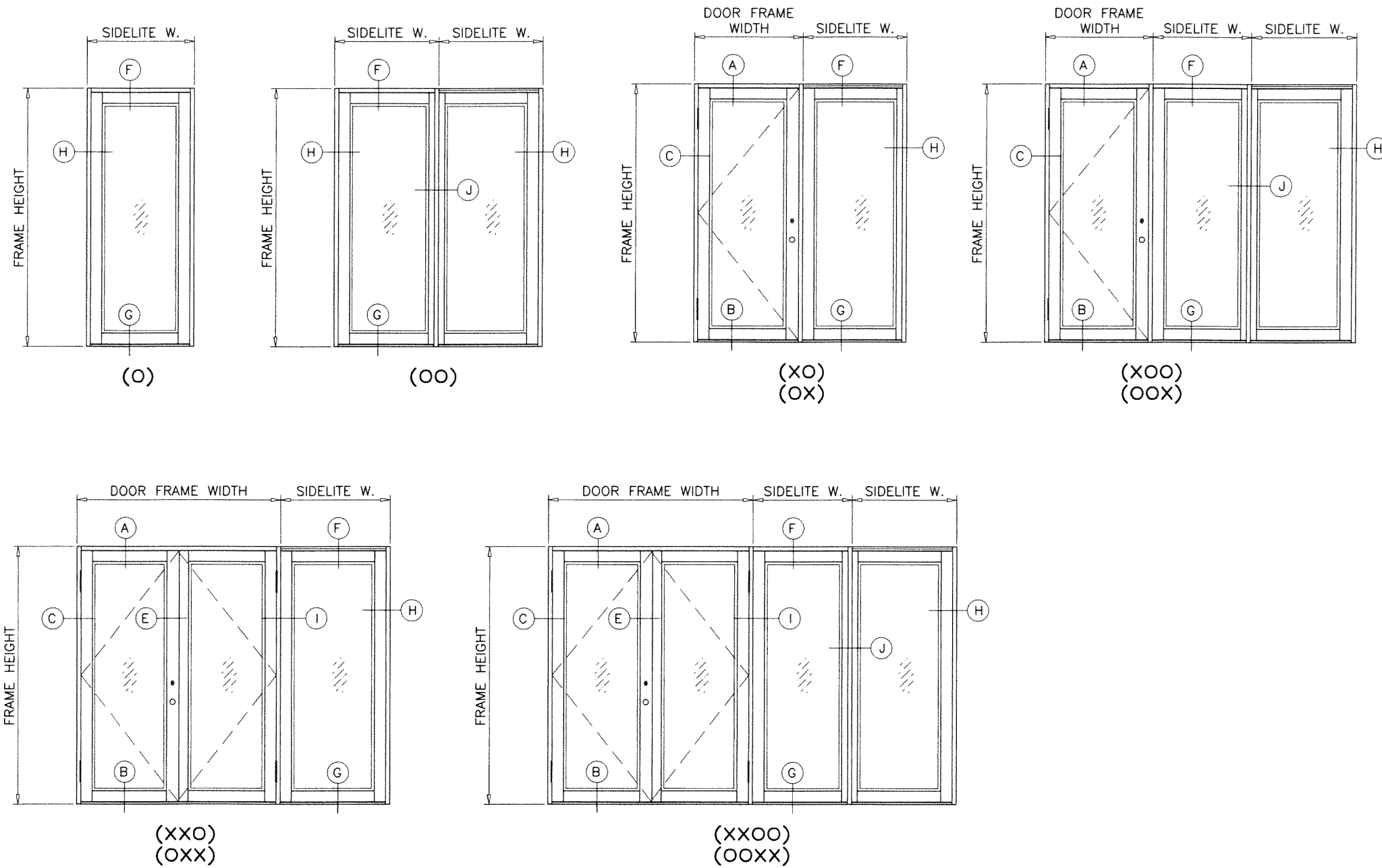
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revisions:		no	date	by	description
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dr. by:	TARIC
chk. by:	

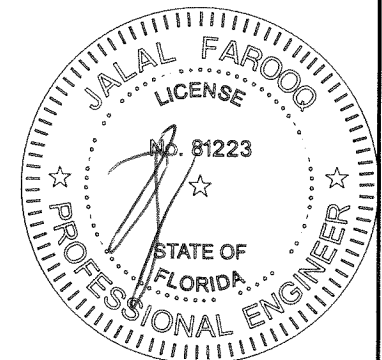
drawing no.	W04-81
sheet	4.1 of 11



APPROVED SIDELITE CONFIGURATIONS
 SIDELITES MAY BE NARROW OR WIDE STILES

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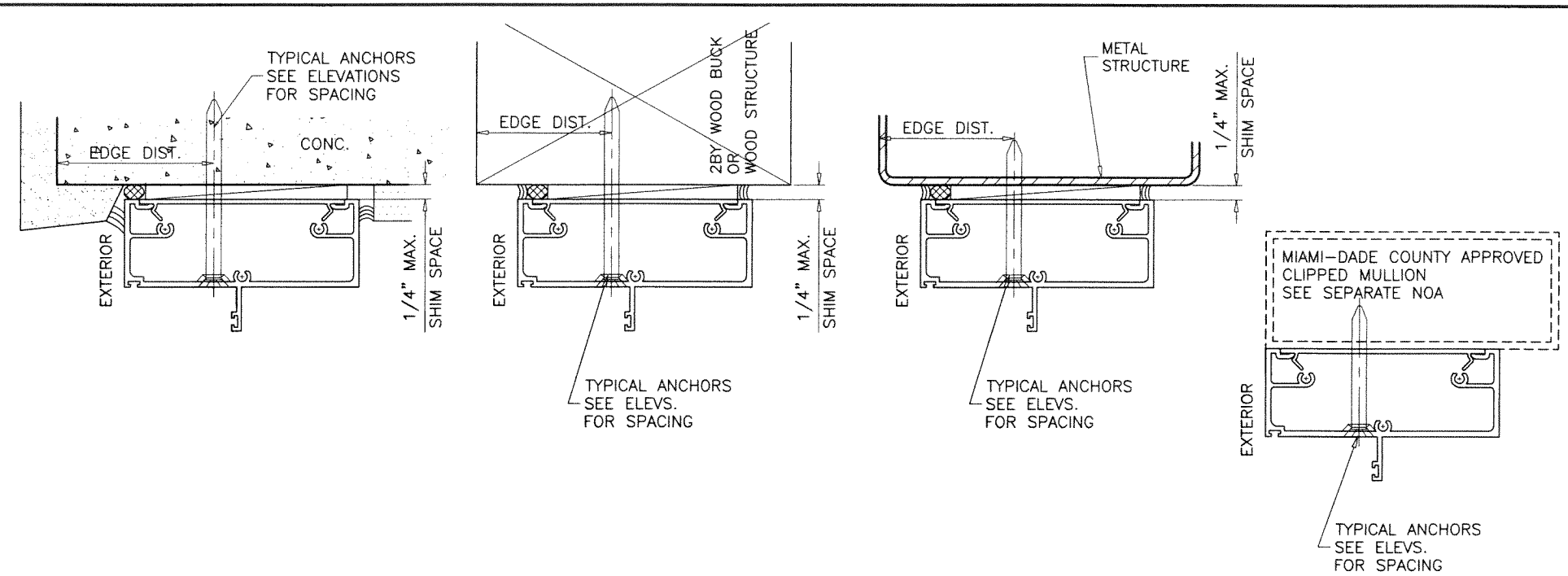
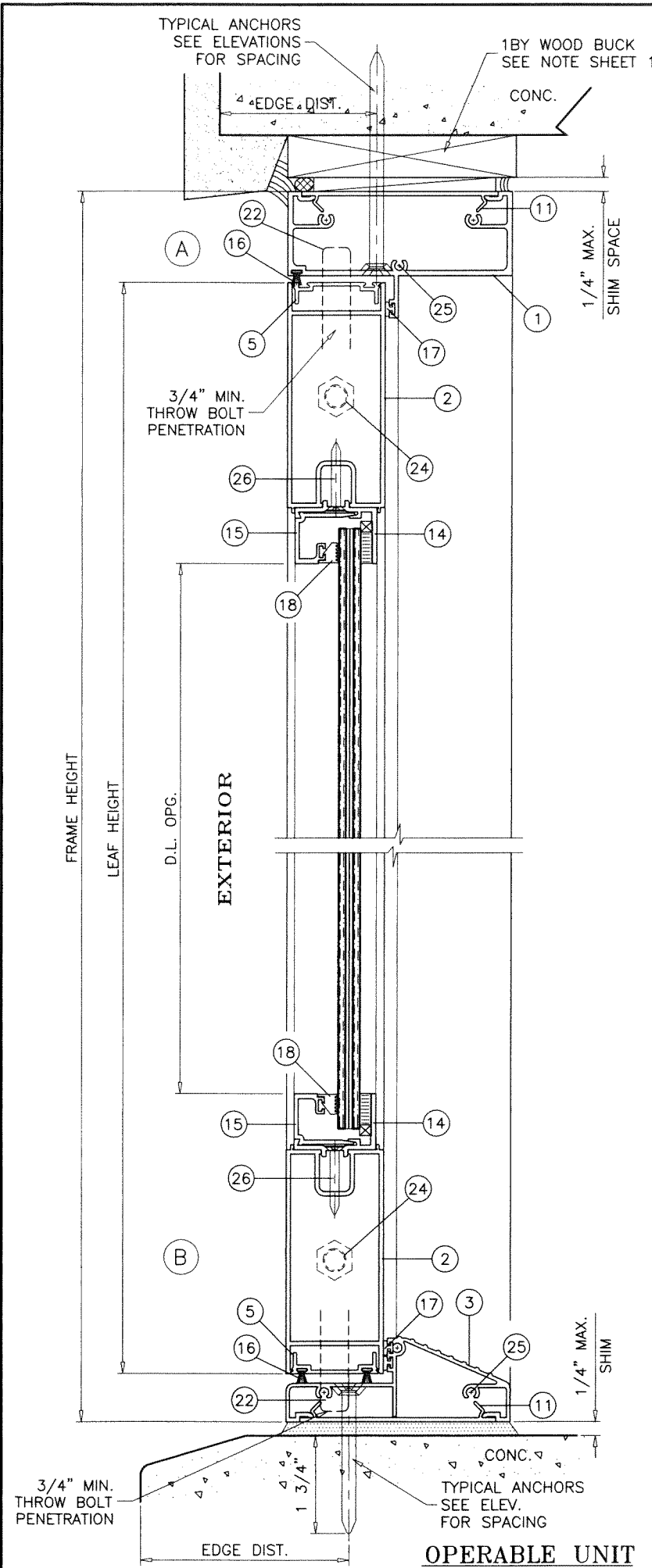
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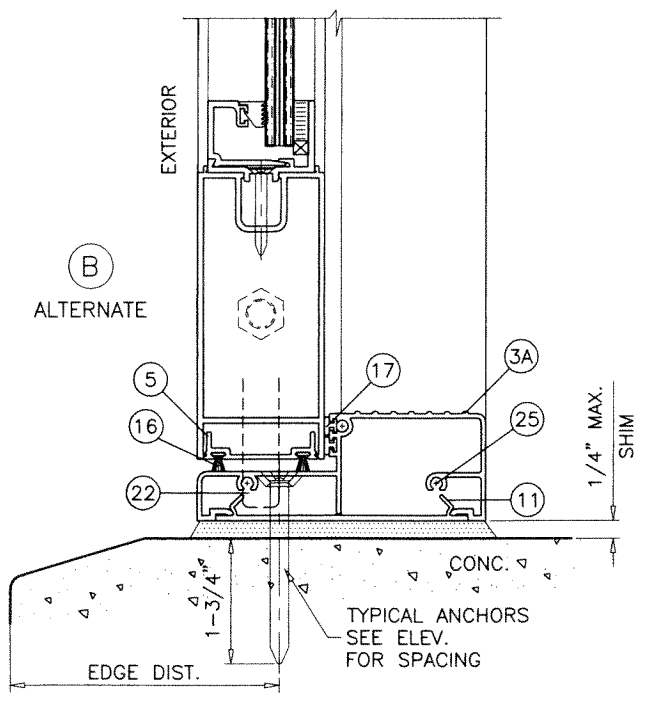
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 chk. by:

drawing no.
W04-81
 sheet 4.2 of 11



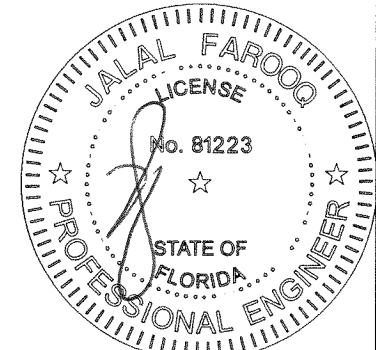
1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'UNIVERSAL' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u=164$ KSI, $F_y=148$ KSI)
 INTO 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)
 1-3/4" MIN. EMBED INTO CONCRETE (SILL)
 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. ($F_y = 36$ KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
TYPICAL 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.

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DOOR DETAILS

af c
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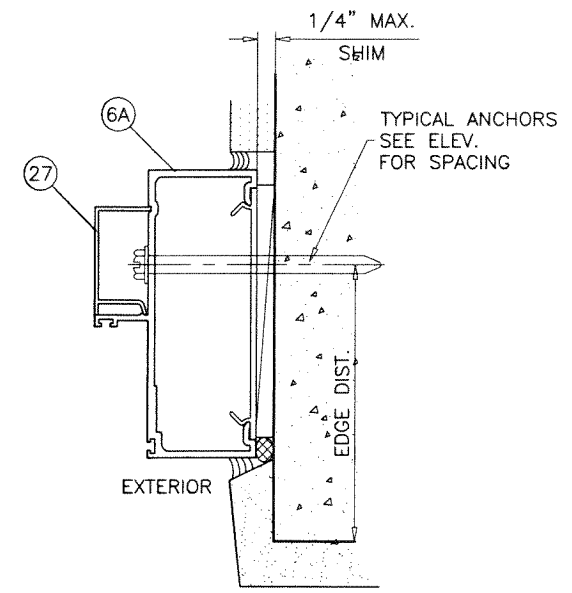
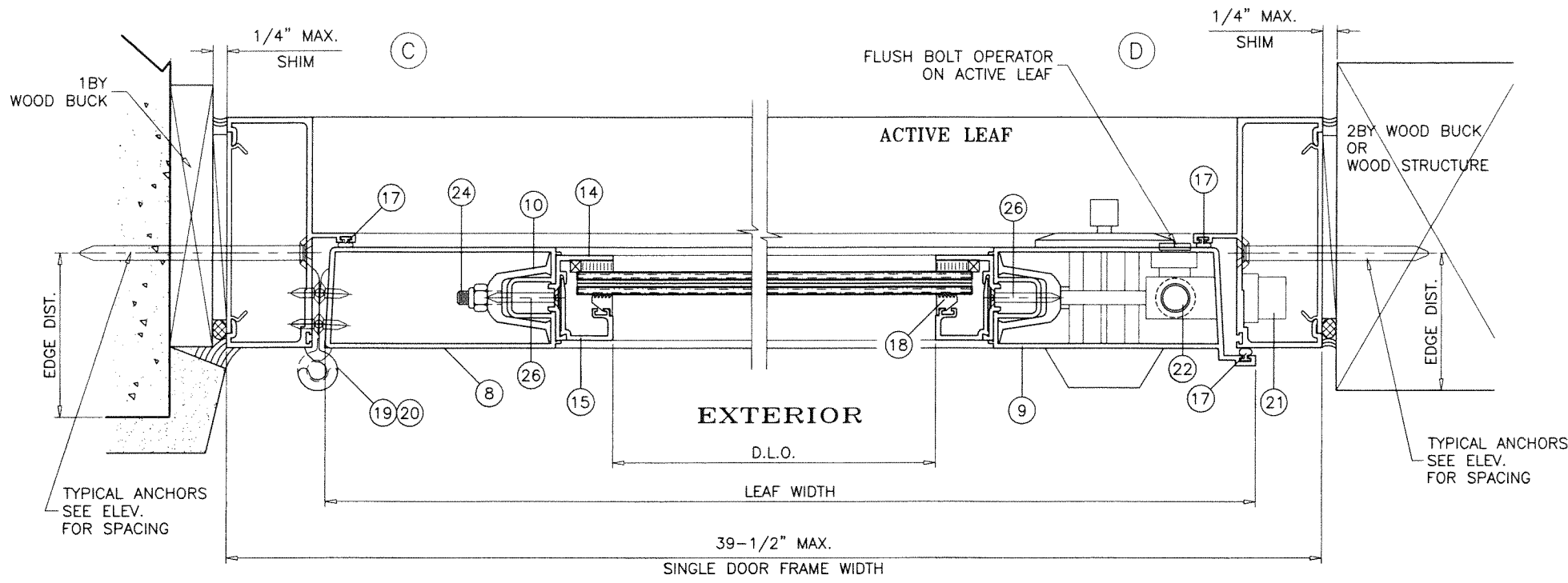
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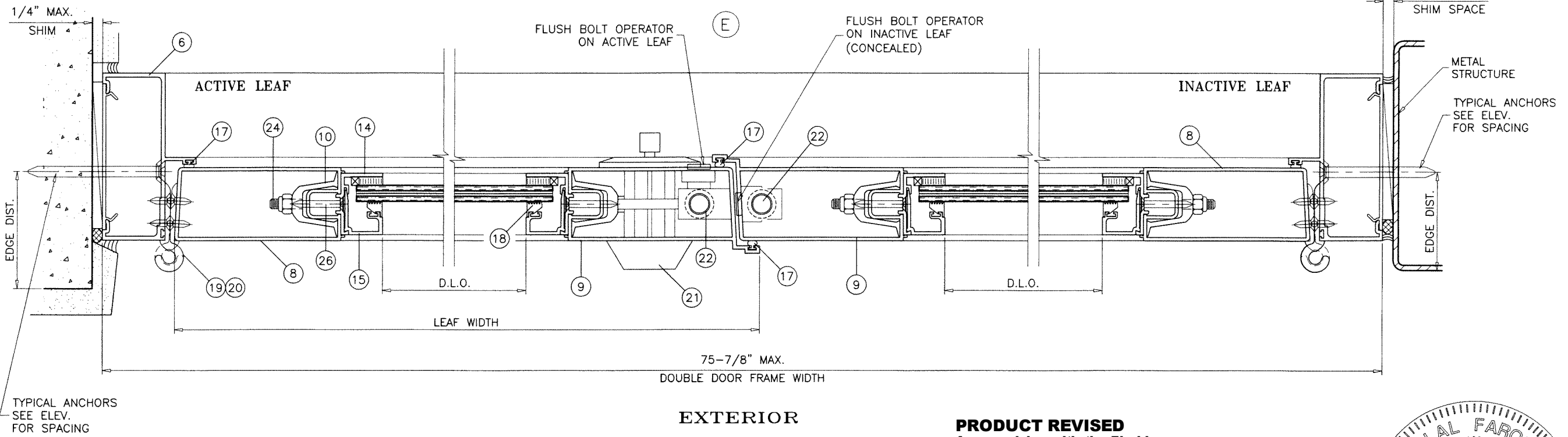
revisions:

date: 09-13-04
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 dr. by: TARIQ
 chk. by:

drawing no. **W04-81**
 sheet 5 of 11



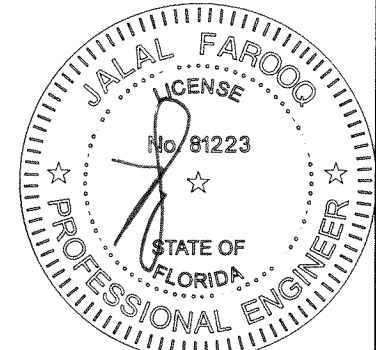
ALT. DOOR FRAME JAMB



EXTERIOR

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DOOR DETAILS

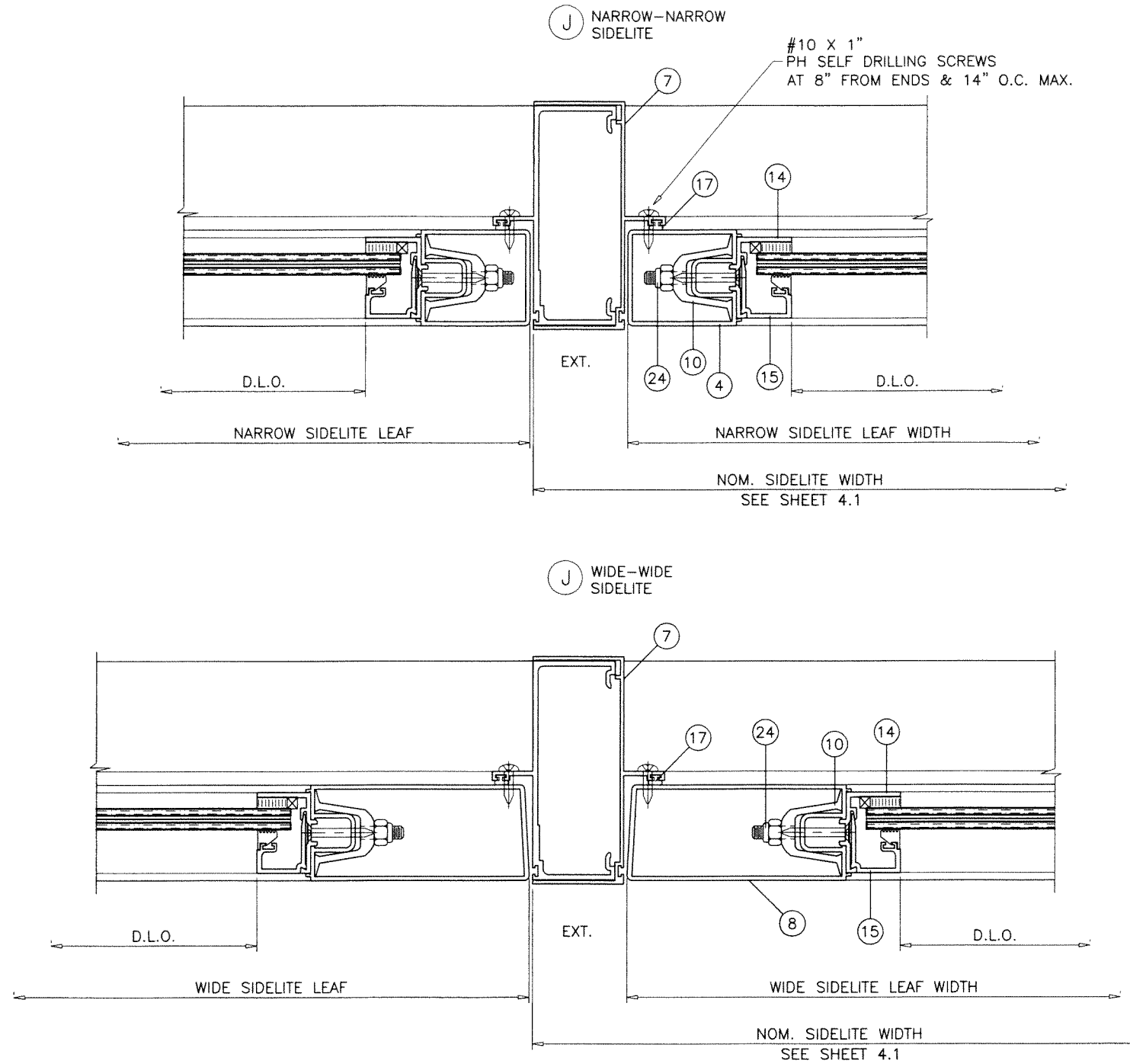
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chk. by:	

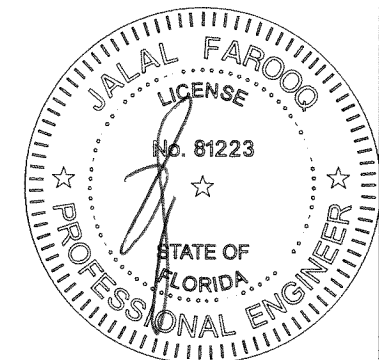
drawing no.
W04-81
 sheet 6 of 11



SEE QUALIFIED CONFIGURATIONS IN SHEET 4.2

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SIDELITE DETAILS

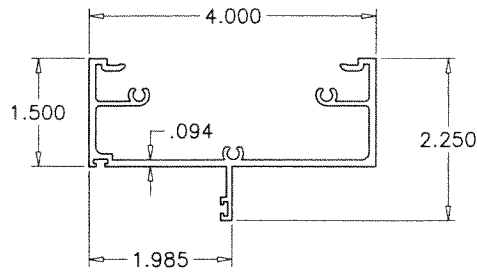
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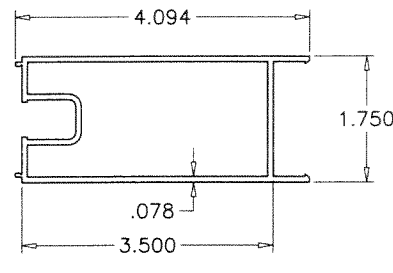
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chk. by:	

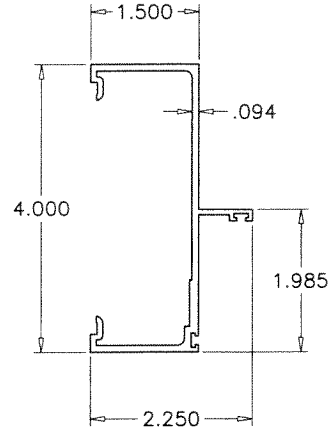
drawing no.	W04-81
sheet	8 of 11



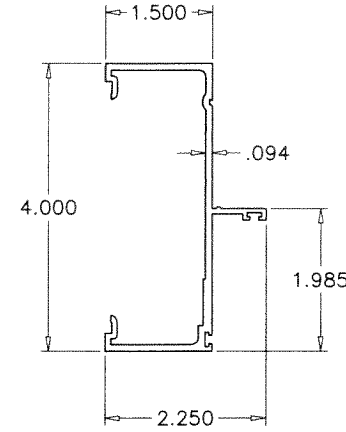
1 FRAME HEAD



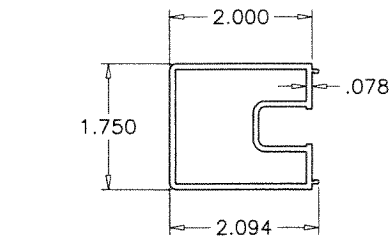
2 DOOR LEAF HEAD & SILL



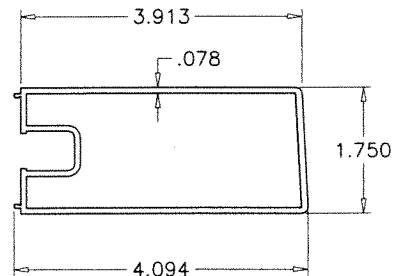
6 DOOR FRAME JAMB



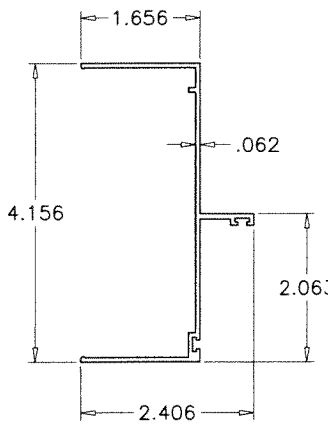
6A ALT. DOOR FRAME JAMB



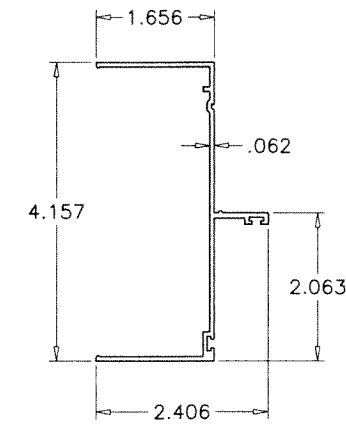
4 NARROW SIDELITE STILE



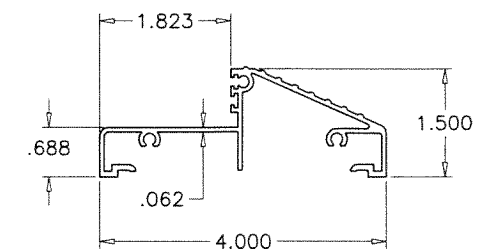
8 DOOR LEAF JAMB SIDE



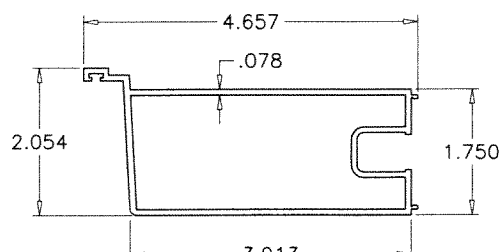
7 SIDELITE SIDE FRAME



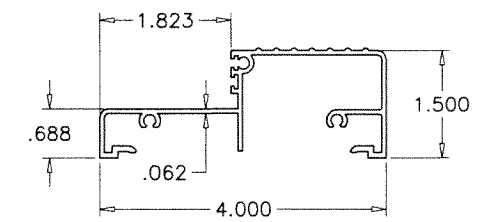
7A ALT. SIDELITE SIDE FRAME



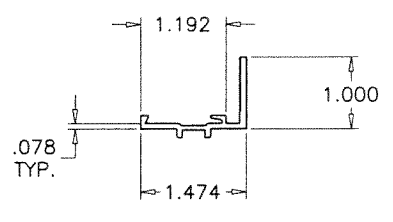
3 THRESHOLD TYPE 1



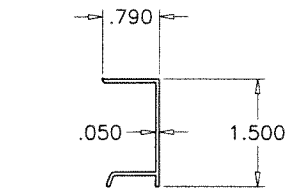
9 DOOR LEAF LOCK SIDE



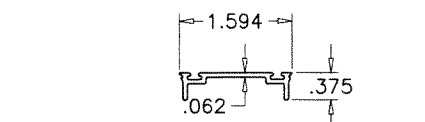
3A THRESHOLD TYPE 2



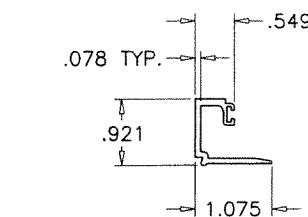
14 GLASS ADAPTER



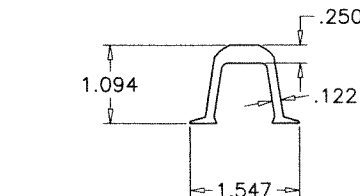
27 FRAME SCREW COVER



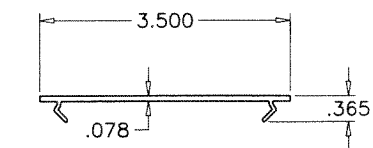
5 COVER TOP & BOTTOM RAIL



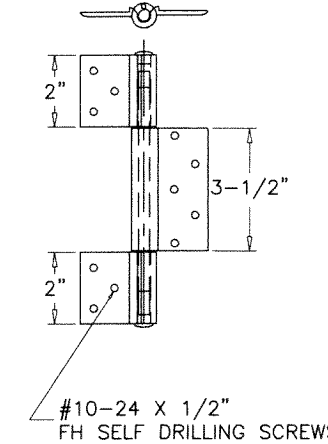
15 GLASS STOP



10 JAMB STIFFENER



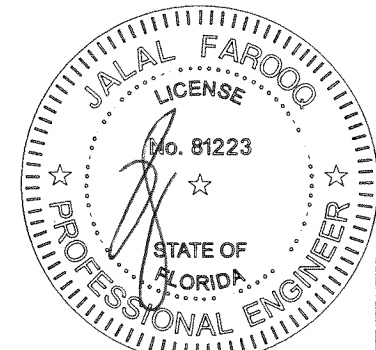
11 SHEAR PLATE



19 20 3 PIECE HINGE

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 chk. by:

drawing no. **W04-81**
 sheet 9 of 11

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	UA-1089	AS REQD.	FRAME HEAD	6063-T6	
2	UA-1092	2/ LEAF	TOP AND BOTTOM RAIL	6063-T6	-
3	UA-1094	1	DOOR FRAME SILL TYPE 1	6063-T6	-
3A	UA-1094B	1	DOOR FRAME SILL TYPE 2	6063-T6	-
4	UA-1105	AS REQD.	NARROW SIDELITE STILE	6063-T6	-
5	UA-1096	2/ LEAF	SNAP COVER TOP & BOTTOM RAIL	6063-T5	-
6	UA-1091	2	DOOR FRAME JAMB	6063-T6	-
6A	UA-1091B	2	ALT. DOOR FRAME JAMB	6063-T6	-
7	UA-1099	AS REQD.	SIDELITE SIDE FRAME	6063-T6	-
7A	UA-1099B	AS REQD.	ALT. SIDELITE SIDE FRAME	6063-T6	-
8	UA-1090	1/ LEAF	DOOR LEAF JAMB - HINGE SIDE	6063-T6	-
9	UA-1093	1/ LEAF	DOOR LEAF - LOCK SIDE	6063-T6	-
10	UA-1095	4/ LEAF	JAMB STIFFENER	6063-T6	4" LONG
11	A-4008	AS REQD.	SHEAR PLATE @ ANCHOR LOCATIONS	6063-T6	6-7/8" LONG
12	-	AS REQD.	GLAZING TAPE SPACER (1/8" X 3/8" X 1" LONG)	-	4" FROM CORNERS & AT MIDSPAN OF VERTICALS
13	-	AS REQD.	WEDGE GASKET	VINYL	-
14	UA-1102	AS REQD.	GLASS ADAPTER	6063-T6	-
15	UA-1101	AS REQD.	GLASS STOP	6063-T6	-
16	S-7800	AS REQD.	FIN-SEAL WEATHERSTRIPPING	-	.187 X .330
17	TP-463	AS REQD.	BULB WEATHERSTRIPPING, DUROMETER 75	VINYL	TEAM PLASTICS INC.
18	UA-1103	AS REQD.	GLAZING WEDGE, DUROMETER 70	EPDM	TREMCO
19	UA-1097	2/ LEAF	CENTER HINGE WITH SS PIN	6063-T6	10" FROM TOP & BOTTOM
20	UA-1098	2/ LEAF	TOP & BOTTOM HINGE WITH SS PIN	6063-T6	10" FROM TOP & BOTTOM
21	-	1	DEAD BOLT LOCK SET	-	WESLOCK INTL. & SCHLAGE LOCK CO.
22	-	2/ LEAF	MANUALLY OPERATED FLUSH BOLT (ACTIVE/INACTIVE)	ZINC CAST	DELTA IND.
23	-	1	CONVENTIONAL DOOR KNOB SET	-	WESLOCK INTL. & SCHLAGE LOCK CO.
24	-	2/ LEAF	3/8" DIA. THREADED ROD	STEEL	-
25	#10 X 1"	AS REQD.	FRAME ASSY. SCREWS	-	PAN HEAD SMS
26	#8 X 1-1/4"	AS REQD.	GLAZING ADAPTER SCREWS, AT 6" FROM ENDS & 12" O.C.	-	FH SELF DRILLING
27	UA-1104	AS REQD.	FRAME SCREW COVER	6063-T5	-

afc

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J	09.21.23		NO CHANGE THIS SHEET

date: 09-13-04
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W04-81
sheet 10 of 11

SEALANTS:

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

LOCKS:

ITEM# 22 MANUALLY OPERATED FLUSH BOLTS AT TOP AND BOTTOM OF EACH ACTIVE AND INACTIVE LEAF LOCK STILE WITH OPERATORS AT 12" AND 76" FROM BOTTOM.

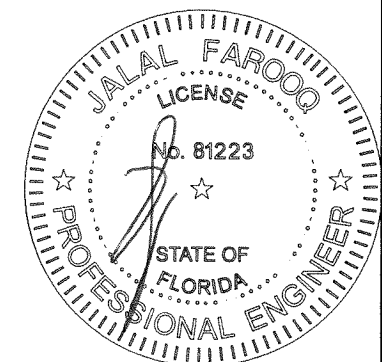
ITEM# 21 DEAD BOLT LOCK BY WESLOCK INTL. OR HARLOCK WITH ALUM STRIKE PLATE AT ACTIVE LEAF LOCK STILE 45" FROM BOTTOM KEY OPERATED ON EXT. AND THUMB TURN ON INTERIOR.

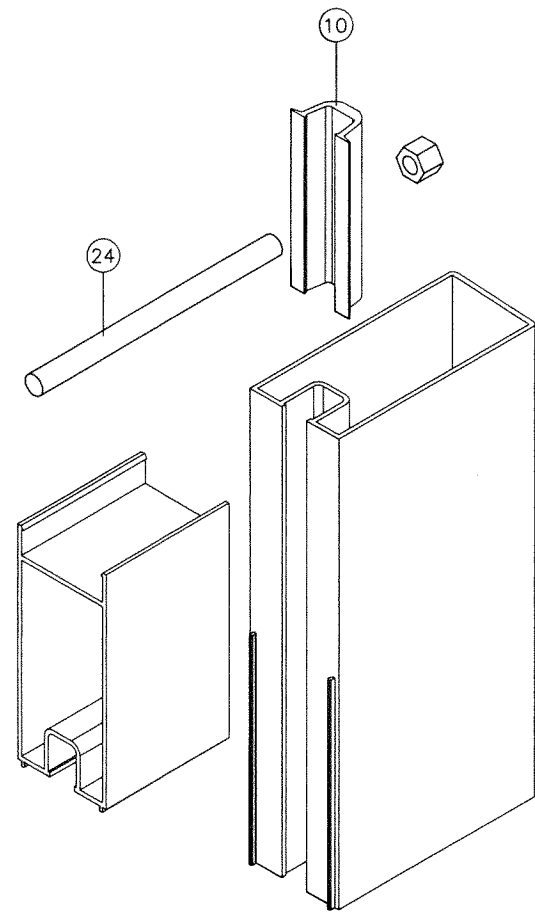
ITEM# 23 CONVENTIONAL DOOR KNOB BY WESLOCK INTL. OR HARLOC WITH ALUM STRIKE PLATE AT ACTIVE LEAF LOCK STILE 38" FROM BOTTOM.

NOTE: FLUSH BOLTS ON ACTIVE & INACTIVE LEAF MUST BE ENGAGED DURING PERIODS OF HURRICANE WARNING.

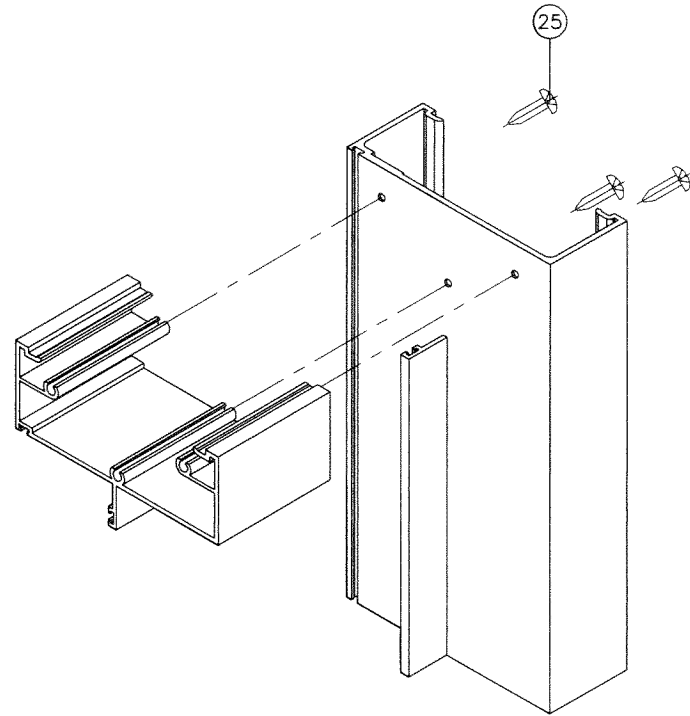
PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-0928.28**
Expiration Date: **05/19/2025**
By: *Manuel Perez*
Miami-Dade Product Control

SEP 25 2023

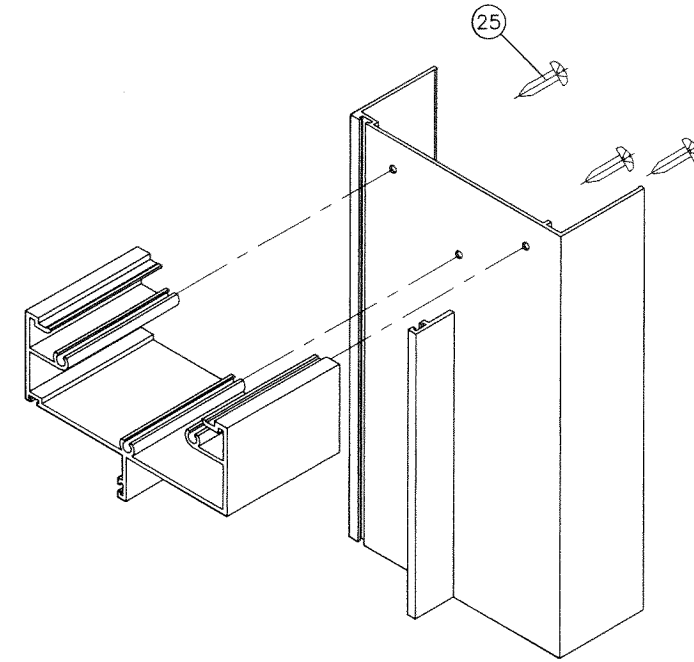




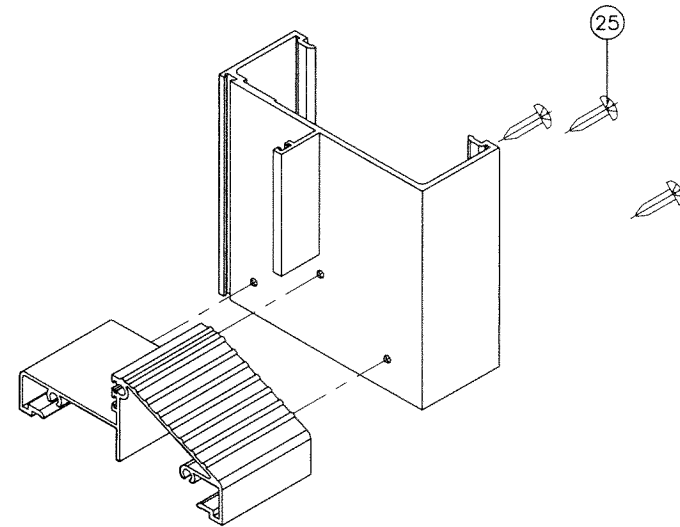
LEAF CORNER



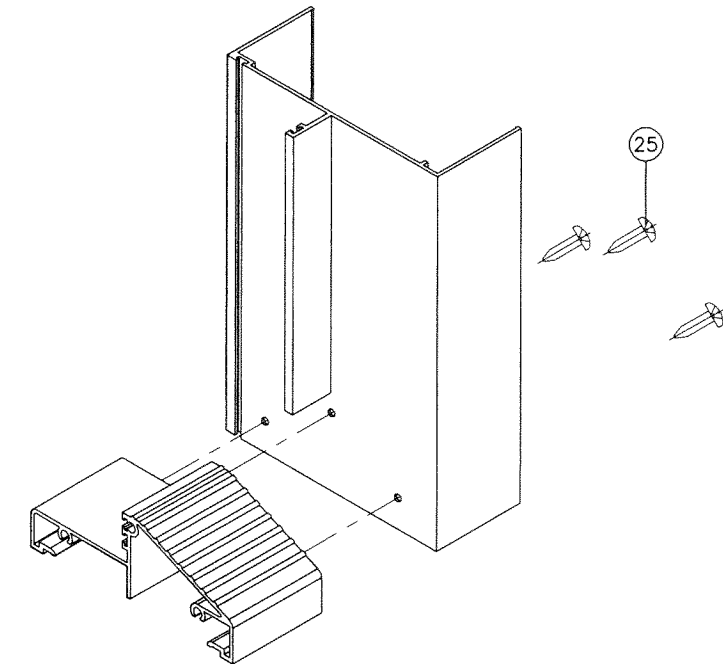
DOOR CORNER



SIDELITE STILE TOP CORNER



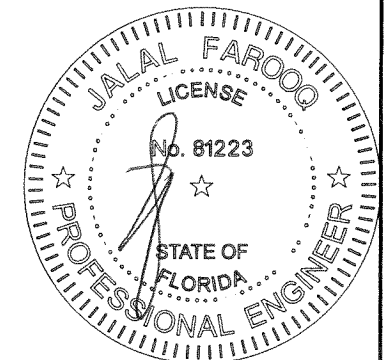
DOOR SILL CORNER



SIDELITE STILE BOTTOM CORNER

PRODUCT REVISED
 As complying with the Florida
 Building Code
 NOA-No. **23-0928.28**
 Expiration Date: **05/19/2025**
 By: *Manuel Ferrer*
 Miami-Dade Product Control

SEP 25 2023



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\W04-81UAW

SERIES REBECCA ALUM OUTSWING FRENCH DOOR (L.M.I.)
Universal Impact Windows & Doors, Inc.
 1675 West 31st Place
 Hialeah, Florida 33012
 Tel. (305) 825-7900 Fax (305) 825-5805

no	date	by	description
G	10.15.15		NO CHANGE THIS SHEET
H	11.08.17		UPDATED TO 2017 FBC
I	01.08.21		UPDATED TO 2020 FBC
J	09.21.23		NO CHANGE THIS SHEET

date: 09-13-04
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
W04-81

sheet 11 of 11