



**MIAMI-DADE COUNTY
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/economy

Officina, Inc.
7549-7551 Biscayne Blvd.
Miami, FL 33138

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 "Korus KA" Wood- clad Aluminum Outswing French Door-LMI

APPROVAL DOCUMENT: Drawing No. **W08-31 Rev I**, titled "Series Korus KA Aluminum Outswing French Door(LMI)", sheets 1, 2, 2.1 through 8 of 8, dated 03/25/08 and last revised on FEB 02, 2024, 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. Single or double doors may be mulled with approved impacted clipped mullion (under separate approvals), lower design rating shall apply and such installation to be reviewed & approved by AHJ.
2. Side jambs can be installed into filled block or filled CMU or Concrete.
3. Optional item #6 (Alum glass stop cover) may be substituted with wood stop cover (item # 19).

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, **Latina, Italy** 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 NOA # 18-0719.04** and consists of this page 1 and evidence pages E-1, E-2, E-3 & E-4, as well as approval document mentioned above.

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

Ishaq I. Chanda



NOA No. 24-0213.01
Expiration Date: March 07, 2029
Approval Date: March 07, 2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1, **Evidence submitted in previous files**

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under files below).
2. Drawing No. **W08-31 Rev G**, titled "Series Korus KA Aluminum Outswing French Door (LMI)", sheets 1, 2, 2.1 through 8 of 8, dated 03/25/08 and last revised on MAR 23, 2017, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

B. TESTS (submitted under files #12-1231.06/ #09-0128.13/ #08-0512.17)

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) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with installation diagram of aluminum outswing door w/ 1-3/16" flange and without flange, prepared by Fenestration Testing Lab., Test Report No(s). **FTL-6531**, dated 11/12/12 and last revised on 07/02/13, signed and sealed by Jorge A. Naya, P.E.

Note: This test report has addendum letter dated July 02, 2013 and impacted sample D-1 photograph (sent via e-mail dated 07/12/13) issued by Fenestration Testing Lab.

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) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with installation diagram of aluminum outswing door, prepared by Hurricane Testing Lab., Test Report No(s). **HTL- 0458-0606-07**, dated 04/25/08, signed and sealed by Vinu J. Abraham, P.E.

3. Additional Referenced Korus fixed Windows test report # **FTL-7101**, dated 04/01/13 per TAS 201, 202 & 203-94, issued by Fenestration Testing Lab., signed & sealed by Marlin D. Brinson, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2014 (5th Edition) , prepared by Al Farooq Corporation, dated FEB 23, 2017, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ ASTM-E-1300-02, -04 & -09.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0213.01
Expiration Date: March 07, 2029
Approval Date: March 07, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the “**Sentry Glass ® Interlayer**”, expiring on 07/4/17.
2. Notice of Acceptance No. **16-117.01** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the “Kuraray Trofossil Ultra clear and color PVB Interlayer (Former Kuraray **Butacite ® PVB interlayer**)”, expiring on 07/08/19.
3. Notice of Acceptance No. **12-1231.08** issued to Eastman Chemical Company (MA), Inc. (Former Solutia Inc.) for their “**Saflex CP: Saflex and saflex HP composite interlayer w/ PET core**”, expiring on 12/11/18.

F. STATEMENTS

1. Statement letter of conformance and letter of no financial interest, prepared by Al Farooq Corporation, dated 02/22/17, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance as part of the above referenced test reports.
3. Bill of Sale dated JAN 20, 2017 between Korus USA, Inc.(Seller) and Officina, Inc., (Buyer), the seller, sells, conveys, assigned and transferred to buyer the assets and rights per sales agreement, respectively signed on behalf of their respective companies by Gianfrano Ippoliti (president) and Michele Laurito (CEO).
4. Statement letter dated 01/24/2017, issued by Korus USA, Inc. of sales of asset and relinquishing of all rights of past and present NOA(s), signed by Gianfrano Ippoliti (president).
5. Statement letter dated 01/24/2017, issued by Officina, Inc. of legally purchase of asset and rights of all past and present NOA(s) from Korus USA, Inc and requesting that NOA be issued with their company’s name, signed by Michele Laurito (CEO).
6. Distribution agreement dated 06/02/13 between manufacturer, Korus spa, Italy and Officina, Inc (distributor), signed by Fillippo Piccone and Michele Laurito on behalf of respective companies.

G. OTHER

1. This NOA **revises NOA # 12-1231.06** (Former **Korus USA, Inc.**), expired on July 03, 2018.
2. Test proposal, dated 02/02/12 approved by RER and Test proposal # **04-0210**, dated May 17, 2004, approved by BCCO.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0213.01
Expiration Date: March 07, 2029
Approval Date: March 07, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing **No. W08-31 Rev G**, titled “Series Korus KA Aluminum Outswing French Door(LMI)”, sheets 1, 2, 2.1 through 8 of 8, dated 03/25/08 and last revised on July 09, 2018, 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-2017 (6th Edition) , prepared by Al Farooq Corporation, dated July 09, 2018, 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. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the “**Sentry Glass ® Interlayer**”, expiring on 07/4/23.

F. STATEMENTS

1. Statement letter of conformance to FBC 2017 (6th Edition) and letter of no financial interest, dated 06/08/18, prepared by Al Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. Distribution agreement dated 02/19/2017 between manufacturer, Korus spa, Italy and Officina, Inc (distributor), signed by Fillippo Piccone and Michele Laurito on behalf of respective companies.

- Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0213.01
Expiration Date: March 07, 2029
Approval Date: March 07, 2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New Evidence submitted

A. DRAWINGS

1. Drawing No. **W08-31 Rev I**, titled “Series Korus KA Aluminum Outswing French Door(LMI)”, sheets 1, 2, 2.1 through 8 of 8, dated 03/25/08 and last revised on FEB 02, 2024, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2023 (8th Edition) , prepared by Al Farooq Corporation, last revised on 05/20/22, signed and sealed by Jalal Farooq, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **23-0717.30** issued to Kuraray America, Inc. for the “**Sentry Glass clear & white ® Interlayer**”, expiring on 07/4/28.
2. Notice of Acceptance No. **23-0717.28** issued to **Kuraray America, Inc.** for the “Kuraray Trosifol Ultra clear and color PVB Interlayer, expiring on 07/08/24.
3. Notice of Acceptance No. **23-0713.21** issued to Eastman Chemical Company (MA), Inc. for their “**Saflex -Storm, Saflex and Saflex HP** composite interlayer w/ PET core” for laminated glass, expiring on 12/11/28.

F. STATEMENTS

1. Statement letter of conformance to FBC 2023 (8th Edition) and letter of no financial interest, dated Jan 26, 2024, prepared by Al Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHER

1. This NOA **revises & renews NOA No. 18-0719.04**, updates to FBC 2023, expiring **03/07/29**.
2. Distribution agreement dated 02/28/204 between manufacturer, Komany, SRL, Italy and Officina, Inc (distributor), signed by Domenico Piccone, director and Domenico Piccone, vice president on behalf of respective companies.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-0213.01
Expiration Date: March 07, 2029
Approval Date: March 07, 2024

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 24-0213.01
Expiration Date 03/07/2029
By Ishaq I. Chandra
Miami-Dade Product Control

DOOR LEAF HEIGHT = INTERIOR OPNG. HEIGHT - 1.50"
DOOR LEAF WIDTH (X DOORS) = INT. OPNG. WIDTH - 2.375"
DOOR LEAF WIDTH (XX DOORS) = (INT. OPNG. WIDTH - 2.50")/2
D.L.O. HEIGHT = INTERIOR OPNG. HEIGHT - 9.875"
D.L.O. WIDTH (X DOORS) = INT. OPNG. WIDTH - 10.875"
D.L.O. WIDTH (XX DOORS) = (INT. OPNG. WIDTH - 19.50")/2

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

SERIES KORUS KA ALUMINUM OUTSWING FRENCH DOOR

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS.
ALSO COMBINATION OF DOOR/DOOR OR DOOR WITH MIAMI-DADE
COUNTY APPROVED SIDELITES & TRANSOMS BY USING MIAMI-DADE
COUNTY APPROVED LARGE MISSILE IMPACT RESISTANT CLIPPED
MULLIONS IN BETWEEN.
LOWER DESIGN PRESSURES FROM DOOR, SIDELITE, TRANSOM OR
MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 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.

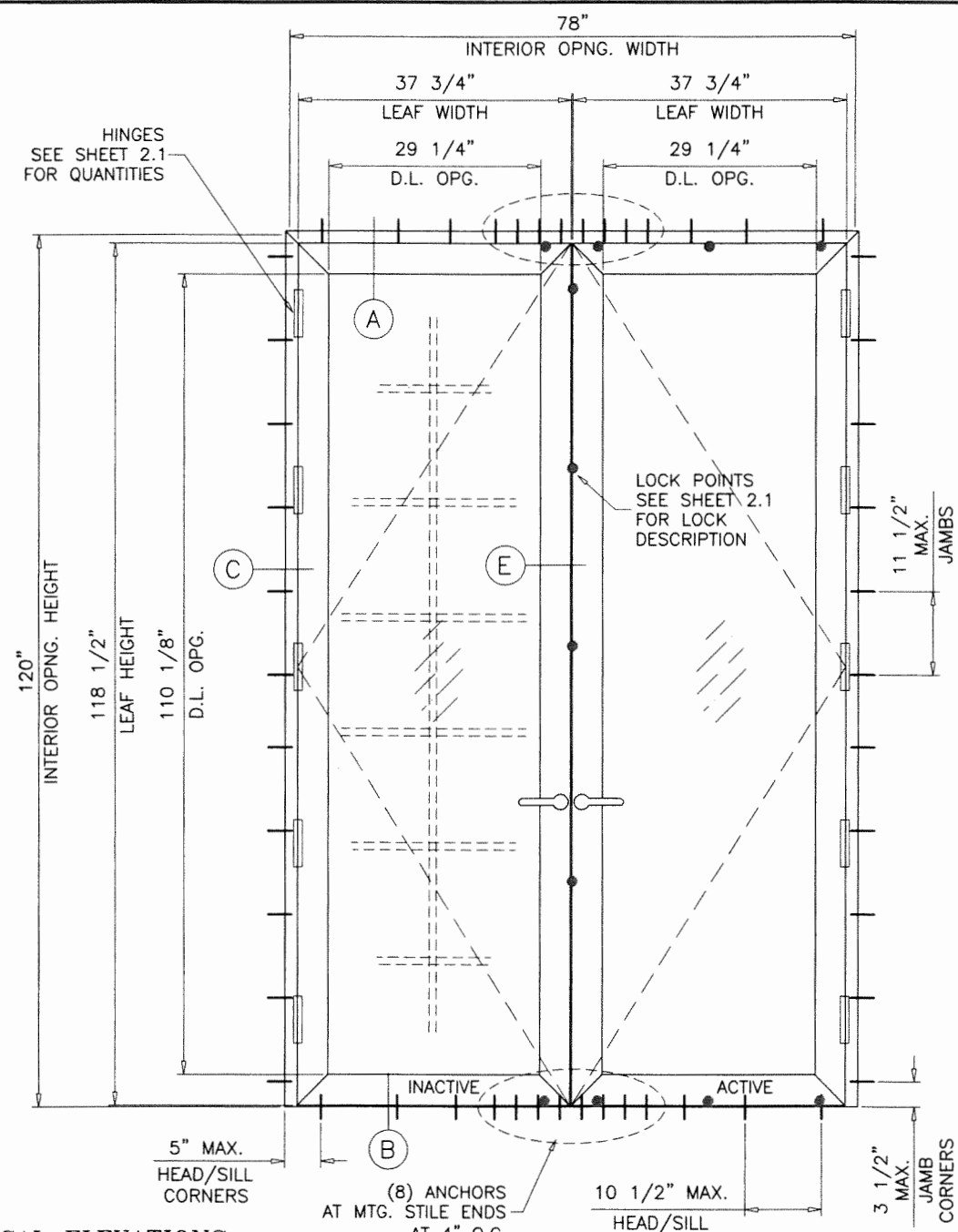
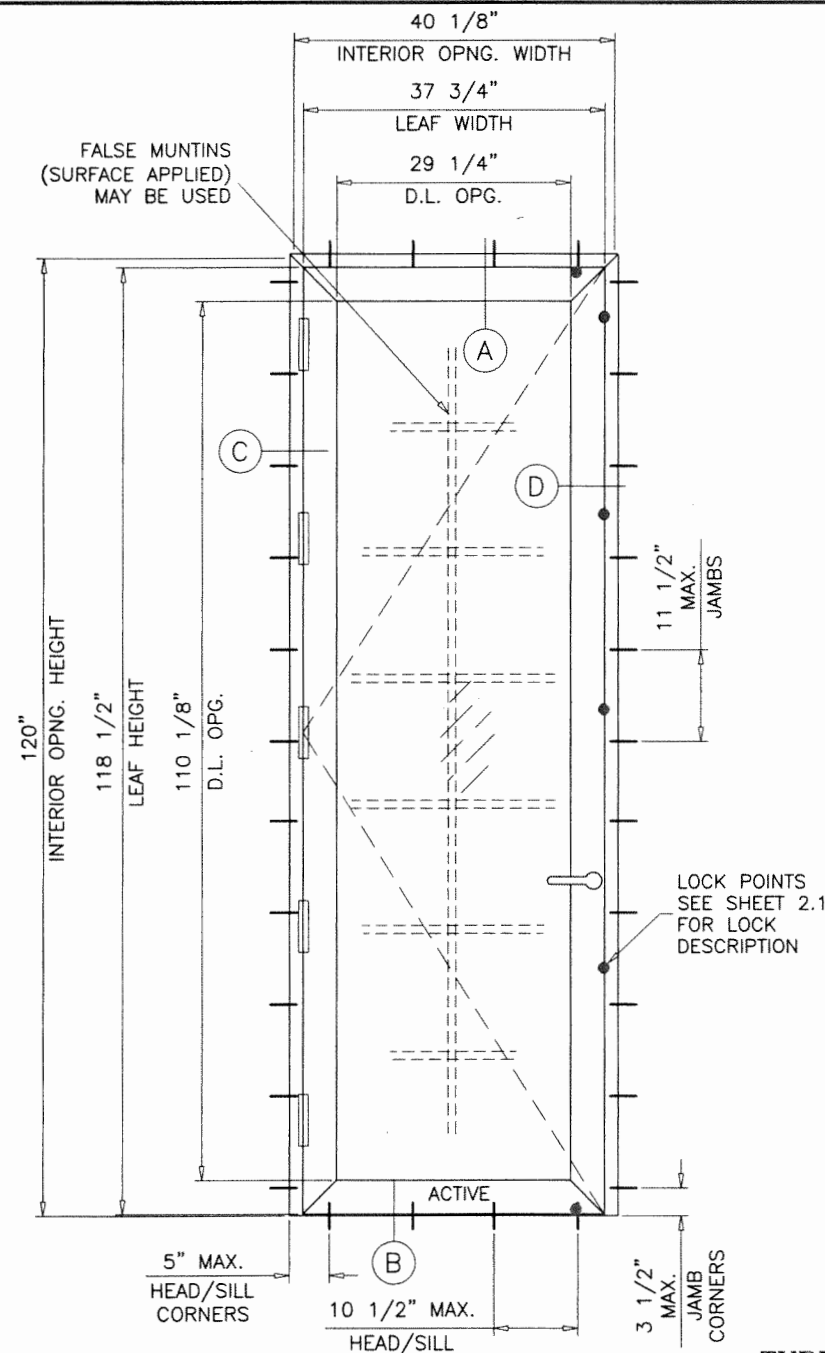
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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 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)'.



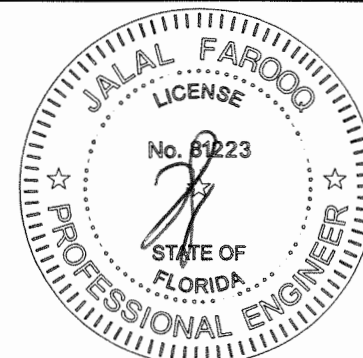
TYPICAL ELEVATIONS

DOORS LOAD CAPACITY - PSF SINGLE DOORS (X)								
DOOR DIMS.			GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
INT. OPNG. WIDTH	INT. OPNG. HEIGHT	LEAF WIDTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36"	94-7/8"	33-1/2"	75.0	75.0	75.0	75.0	60.0	60.0
40-1/8"	98"	37-3/4"	66.0	66.0	66.0	66.0	60.0	60.0
40-1/8"	120"	37-3/4"	53.3	53.3	66.0	66.0	60.0	60.0

DOORS LOAD CAPACITY - PSF DOUBLE DOORS (XX)								
DOOR DIMS.			GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'	
INT. OPNG. WIDTH	INT. OPNG. HEIGHT	LEAF WIDTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
69-5/8"	94-7/8"	33-1/2"	75.0	75.0	75.0	75.0	60.0	60.0
78"	98"	37-3/4"	66.0	66.0	66.0	66.0	60.0	60.0
78"	120"	37-3/4"	53.3	53.3	66.0	66.0	60.0	60.0

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

FEB 02 2024



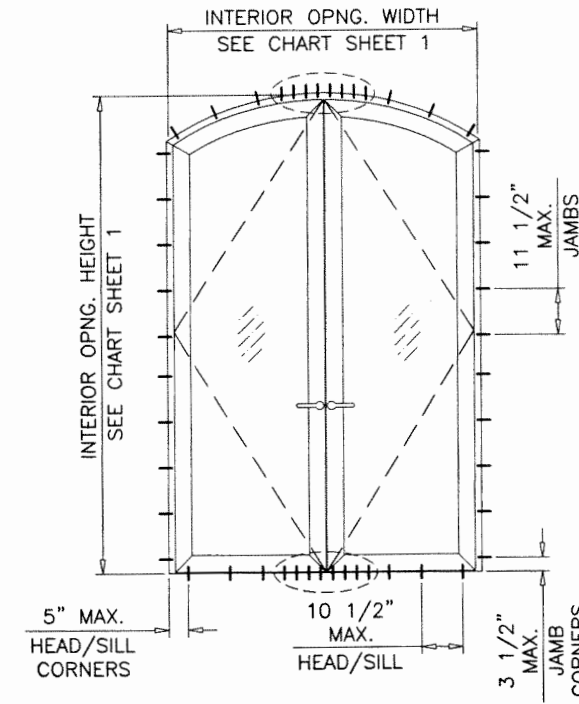
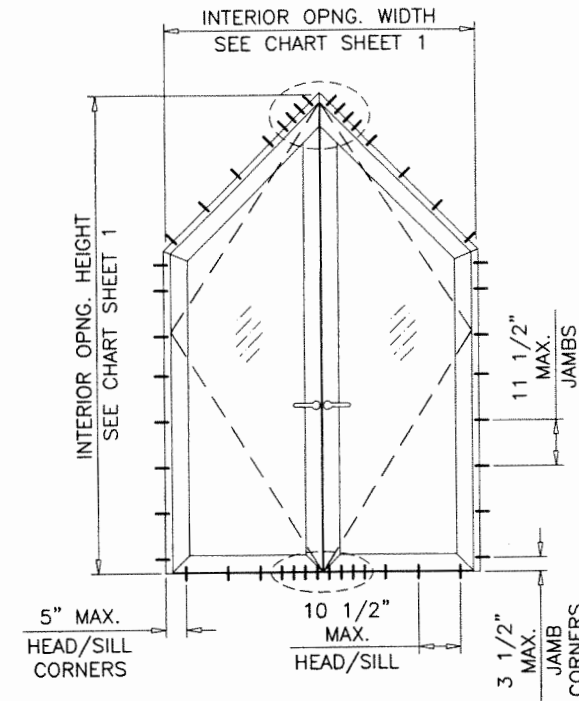
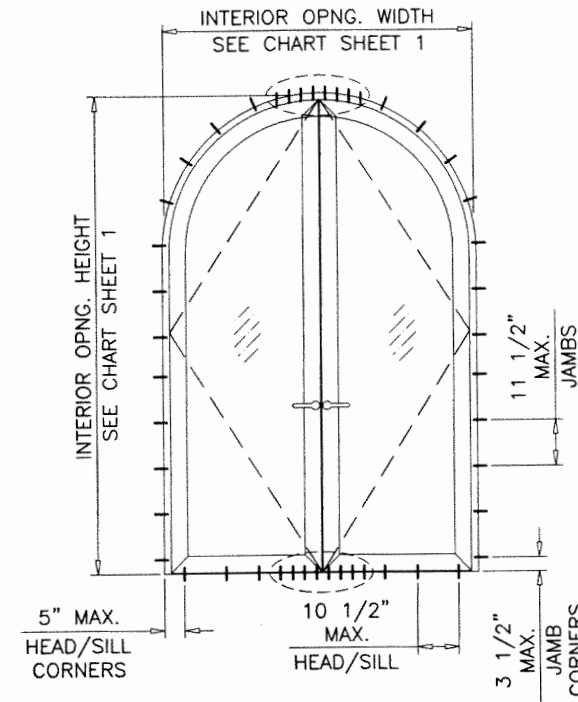
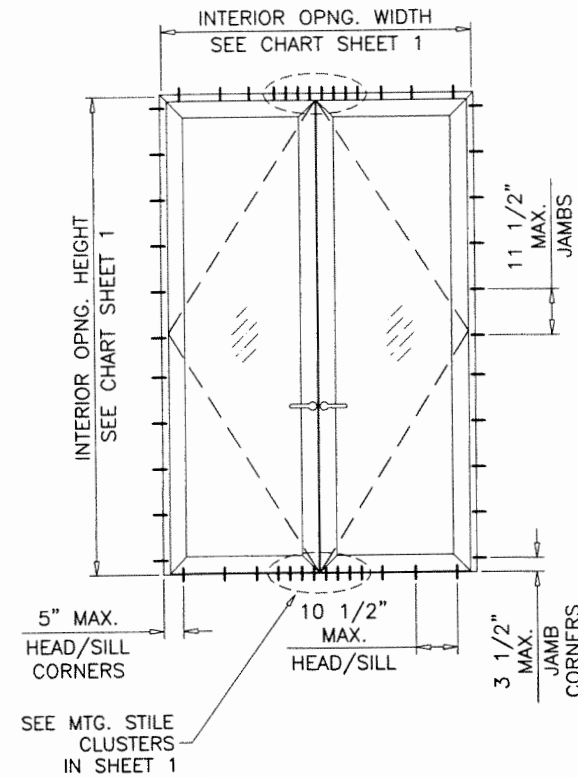
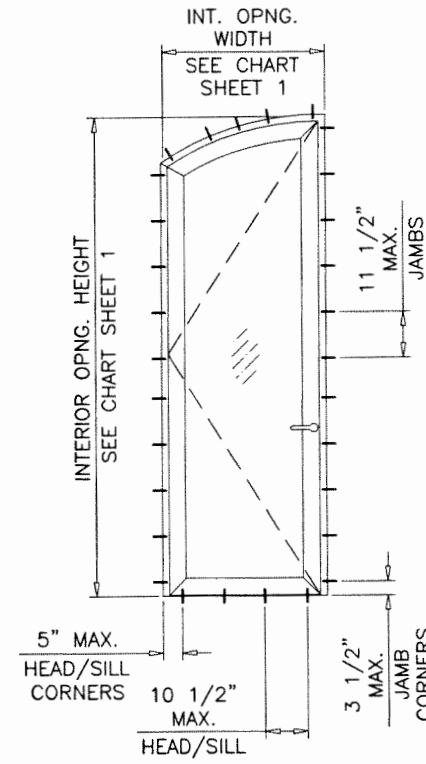
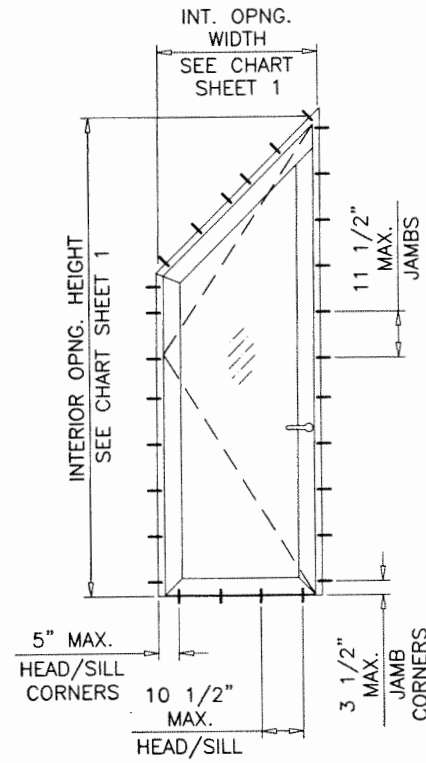
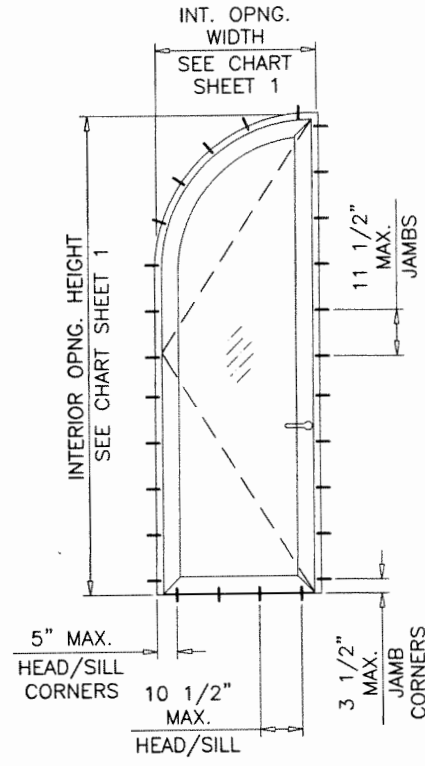
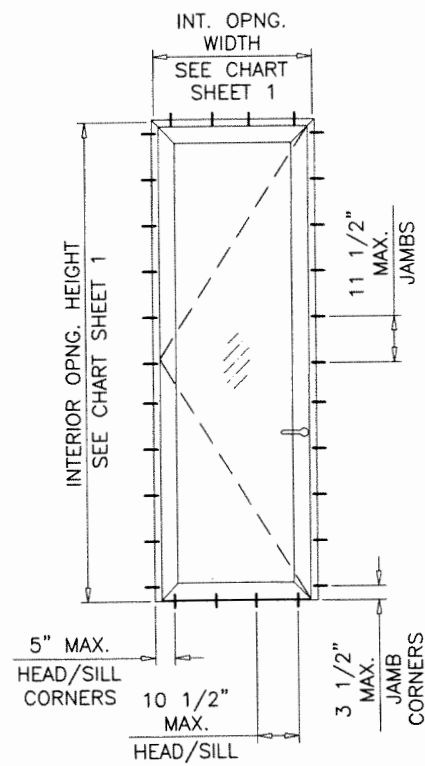
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-31KUI

SERIES KORUS KA ALUMINUM OUTSWING DOOR (L.M.I.)

Officing Inc.
7549-7551 BISCAYNE BLVD.
Miami, FL 33138
Tel. (786) 863-9503 Fax. (-)

no	date	by	description
E	07.12.13	REV.	PER PER COMMENTS
F	02.23.17	REV.	MANUF. NAME & 2014 FBC
G	06.27.18	UPDATED TO	2017 FBC
H	06.21.22	UPDATED TO	2020 FBC
I	02.01.24	ADDRESS	REV.

date: 03-25-08
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:
drawing no.
W08-31
sheet 1 of 8



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 24-0213.01

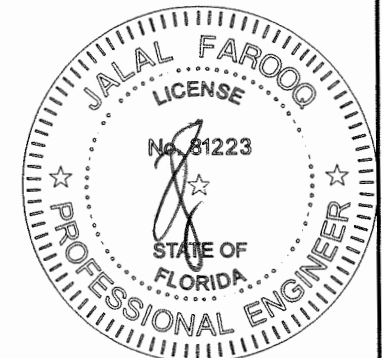
Expiration Date 03/07/2029

By Isheq I. Chande
Miami-Dade Product Control

ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE
VERIFIED BY INSCRIBING DOOR SHAPE WITHIN RECTANGLE AS SHOWN IN DOTTED
LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

APPROVED CONFIGURATIONS

FEB 02 2024



SERIES KORUS KA ALUMINUM OUTSWING DOOR (L.M.I.)

Officina Inc.
7549-7551 BISCAYNE BLVD.
Miami, FL 33138
Tel. (786) 863-9503 Fax. (-)

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\W08-31KUI

no	date	by	description
E	07.12.13		REV. PER PER COMMENTS
F	02.23.17		REV. MANUF. NAME & 2014 FBC
G	06.27.18		NO CHANGE THIS SHEET
H	06.21.22		UPDATED TO 2020 FBC
I	02.01.24		ADDRESS REV.

date: 03-25-08
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.

W08-31

sheet 2 of 8

SEALANTS:

LEAF CORNERS SEALED WITH DOWSIL 899 SEALANT.

HINGES:

- (3) PER LEAF FOR INTERIOR OPNG. HEIGHTS UPTO 94-7/8"
AT 12" FROM TOP & BOTTOM AND 36" O.C. MAX.
(5) PER LEAF FOR INTERIOR OPNG HEIGHTS ABOVE 94-7/8"
AT 5" FROM TOP & BOTTOM AND 27" O.C. MAX.
EACH HASP FASTENED TO LEAF AND FRAME WITH (2) #1/4-20 X 5/8" OH MS

HINGE SPACING SHOWN ABOVE IS FOR RECTANGULAR SHAPED DOORS,
FOR ARCH TOP DOORS REDUCE HINGE SPACING AS REQD. TO MAINTAIN TOTAL QUANTITY.

ANTI-BLOW OUT CLIPS:

28" LONG SLIDE IN METALLIC BLOW-OUT CLIPS AT EACH FRAME JAMB
AND HINGE STILE AT 18" FROM TOP AND BOTTOM AND 30" O.C. MAX.
BLOW OUT CLIPS NOT REQUIRED FOR DOOR OPNG HEIGHTS UPTO 96 INCHES.

LOCKS:

ACTIVE LEAF:

MULTI POINT LOCK SYSTEM BY 'SIEGENIA' AT 41"
FROM BOTTOM
HANDLE ACTIVATES DEAD BOLT AND SHOOT BOLTS
ENGAGING AT HEAD, SILL AND LOCK STILES
KEY OPERATED ON EXTERIOR AND THUMB TURN ON
INTERIOR
FASTENED TO ACTIVE LEAF LOCK STILE WITH
(3) #12-28 X 3-1/8" FH MS
(12) #8 X 1-3/4" FH SMS
(2) #8 X 3/4" FH SDS

INACTIVE LEAF:

TWO POINT LOCK SYSTEM BY 'SIEGENIA' AT 41"
FROM BOTTOM
HANDLE ACTIVATES SHOOT BOLTS ENGAGING AT
HEAD AND SILL
FASTENED TO INACTIVE LEAF LOCK STILE WITH
(3) #12-28 X 3-1/8" FH MS
(15) #10 X 1-3/4" FH SMS
(4) #8 X 7/8" FH SDS

KEEPERS:

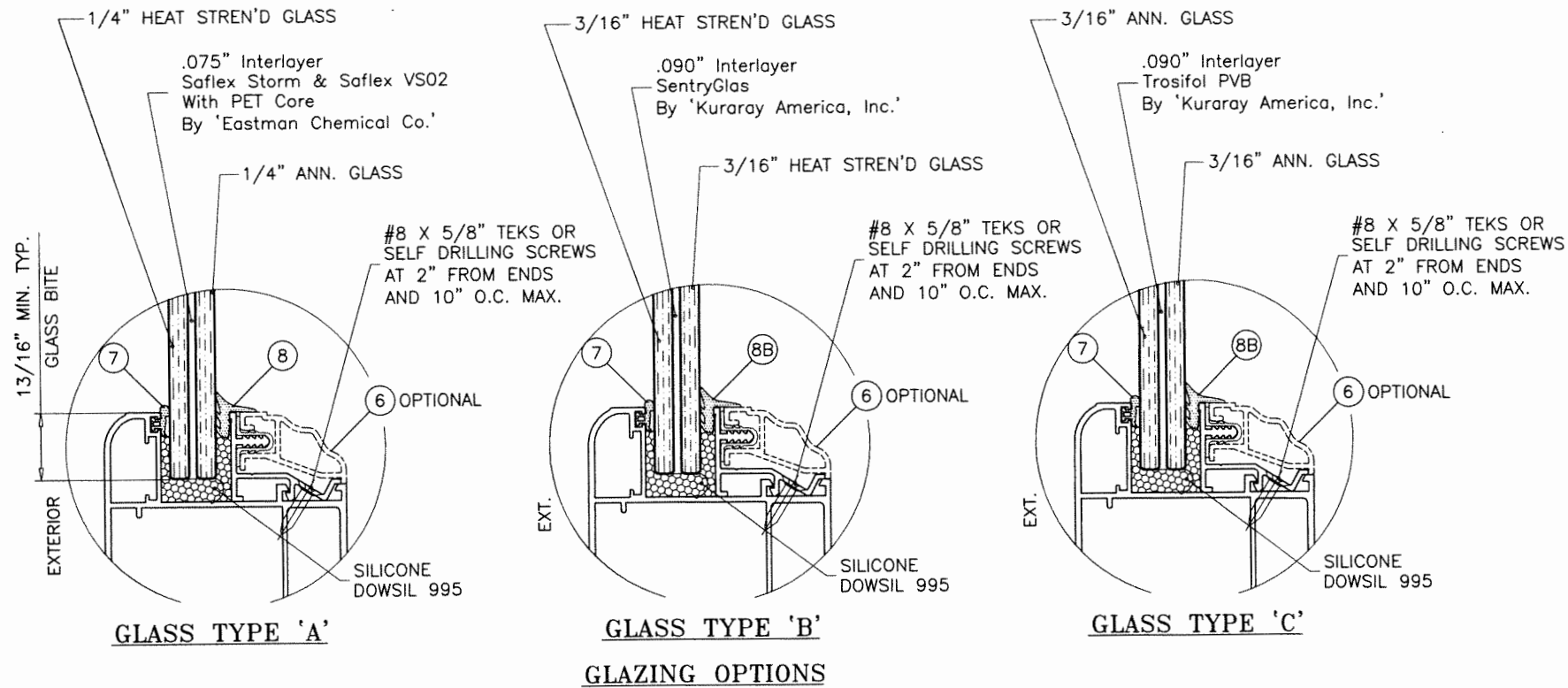
SURFACE MOUNT KEEPERS FACING LOCK POINTS
EACH KEEPER FASTENED TO FRAME AND STILE WITH
(3) #8 X 5/8" OH SDS

PRODUCT REVISED
as complying with the Florida
Building Code

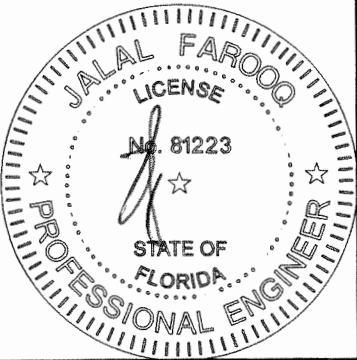
NOA-No. 24-0213.01

Expiration Date 03/07/2029

By Ishag I. Chande
Miami-Dade Product Control



FEB 02 2024



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W08-31KUI

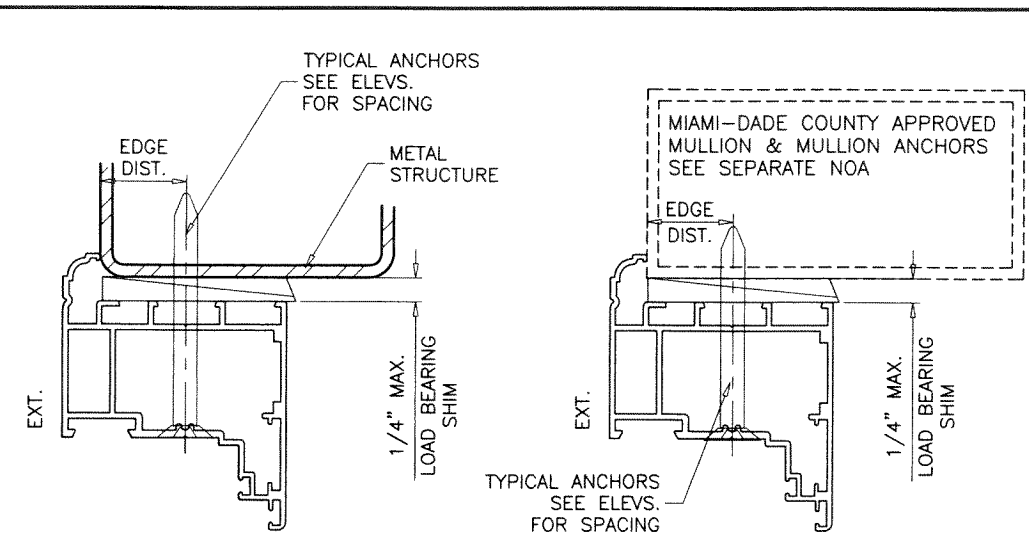
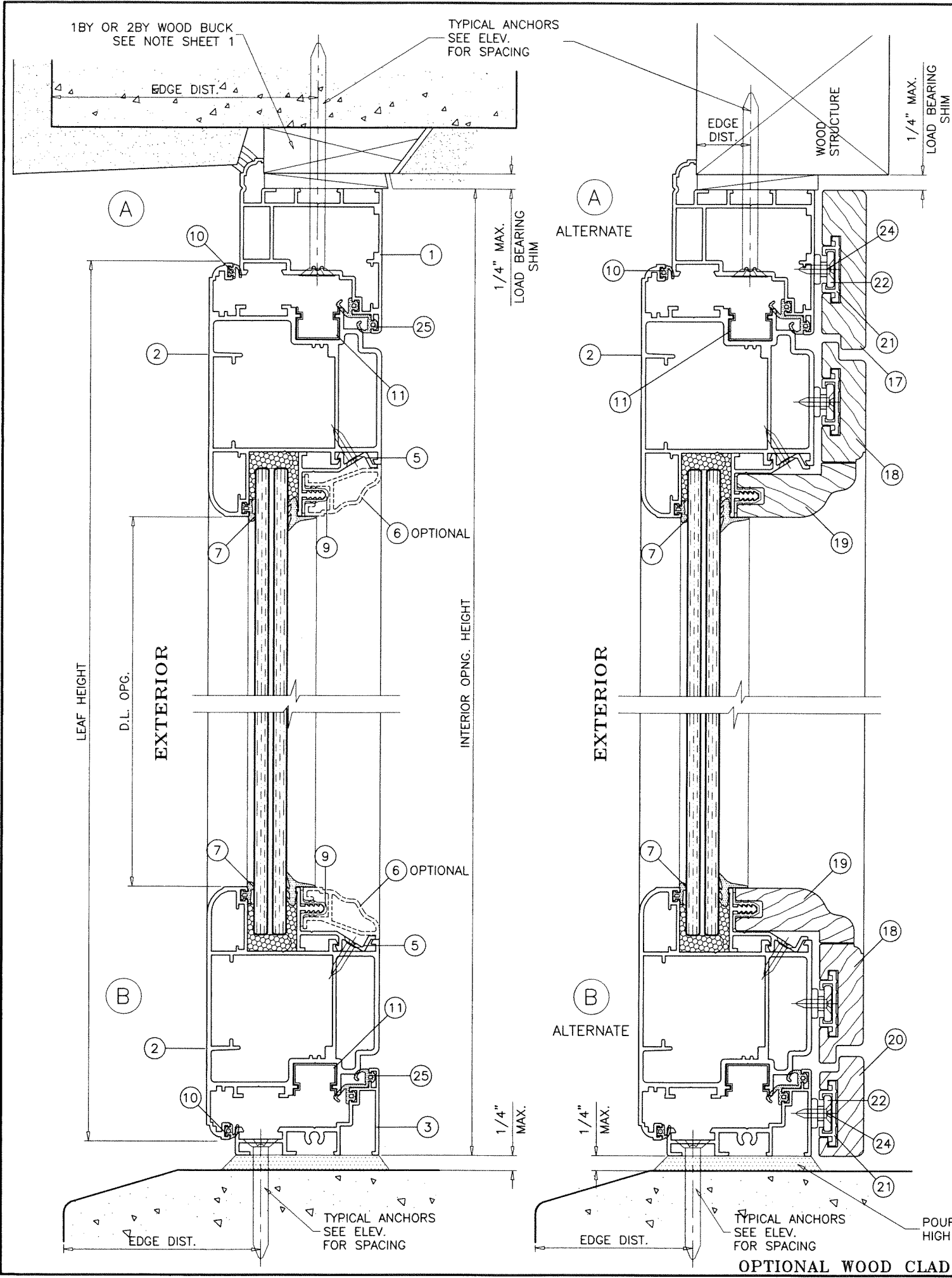
SERIES KORUS KA ALUMINUM OUTSWING DOOR (L.M.I.)

Officina Inc.
7549-7551 BISCAYNE BLVD.
Miami, Fl. 33138
Tel. (786) 863-9503 Fax. (-)

revisions:	
no	by description
E 07.12.13	UPDATED TO 2014 FBC
F 02.23.17	REV. MANUF. NAME & 2014 FBC
G 06.27.18	UPDATED TO 2017 FBC
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date: 03-25-08
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W08-31
sheet 2.1 of 8



WOOD BUCKS AND METAL STRUCTURE NOT BY 'OFFICINA INC.' 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) as complying with the Florida Building Code
 INTO WOOD STRUCTURES
 2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
 THRU 1BY OR 2BY BUCKS INTO CONC. OR BLOCKS
 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 1-3/4" MIN. EMBED INTO BLOCKS (JAMBS)
 DIRECTLY INTO CONCRETE OR BLOCKS
 2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 2" MIN. EMBED INTO GROUT-FILLED BLOCKS (JAMBS)

1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR
 INTO METAL STRUCTURES (HEAD/JAMBS)
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

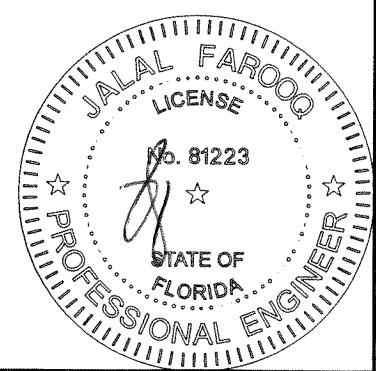
CRITICAL EDGE DISTANCE
 INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

SEALANTS:
 PANEL CORNERS SEALED WITH DOWSIL 899 SEALANT.

**INSTALLATION DETAILS
 FRAMES WITH 1/2" FLANGE**

FEB 02 2024



AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL W08-31KUI

MIAMI-DADE COUNTY APPROVED
 MULLION & MULLION ANCHORS
 SEE SEPARATE NOA

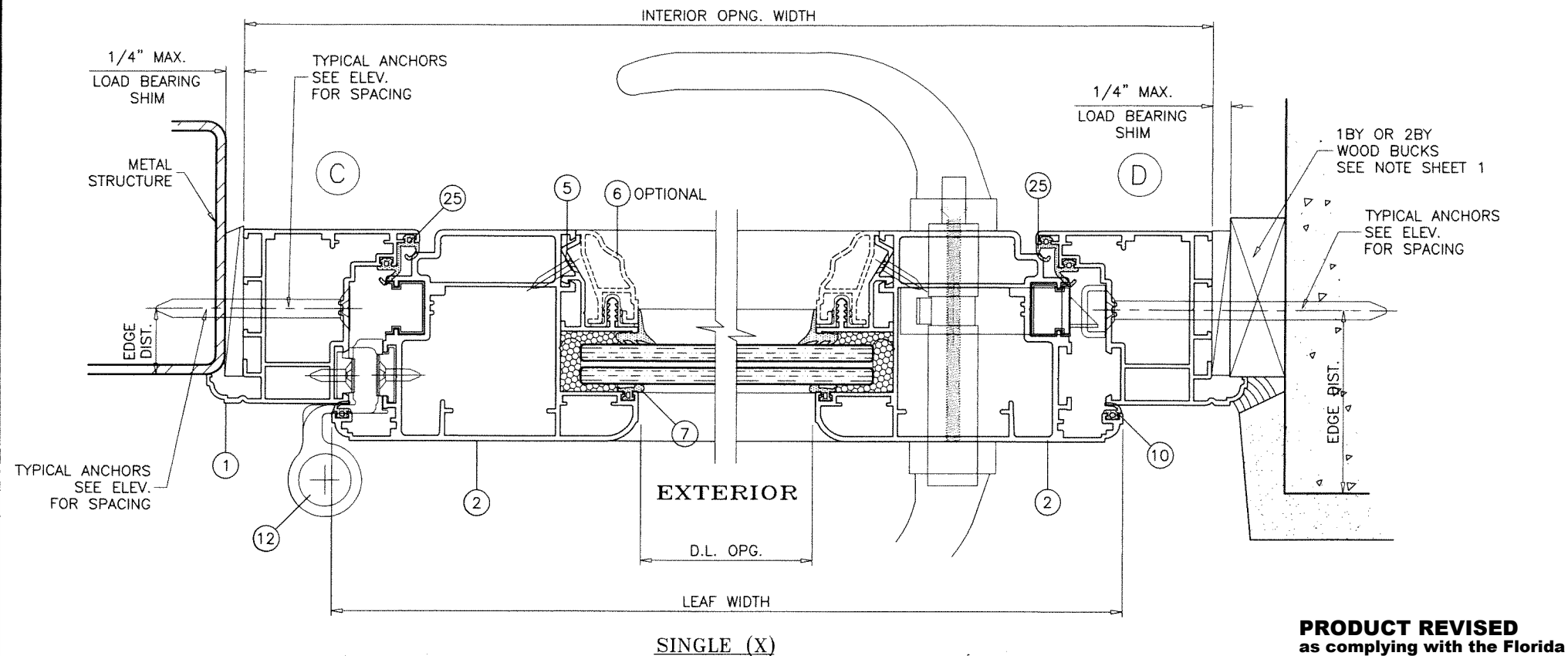
SERIES KORUS KA ALUMINUM OUTSWING DOOR (L.M.I.)
Officing Inc.
 7549-7551 BISCAYNE BLVD.
 Miami, FL 33138
 Tel. (786) 863-9503 Fax. (-)

NOA-No. 24-0213.01
 Expiration Date 03/07/2029
 By Ishag I. Chande
 Miami-Dade Product Control

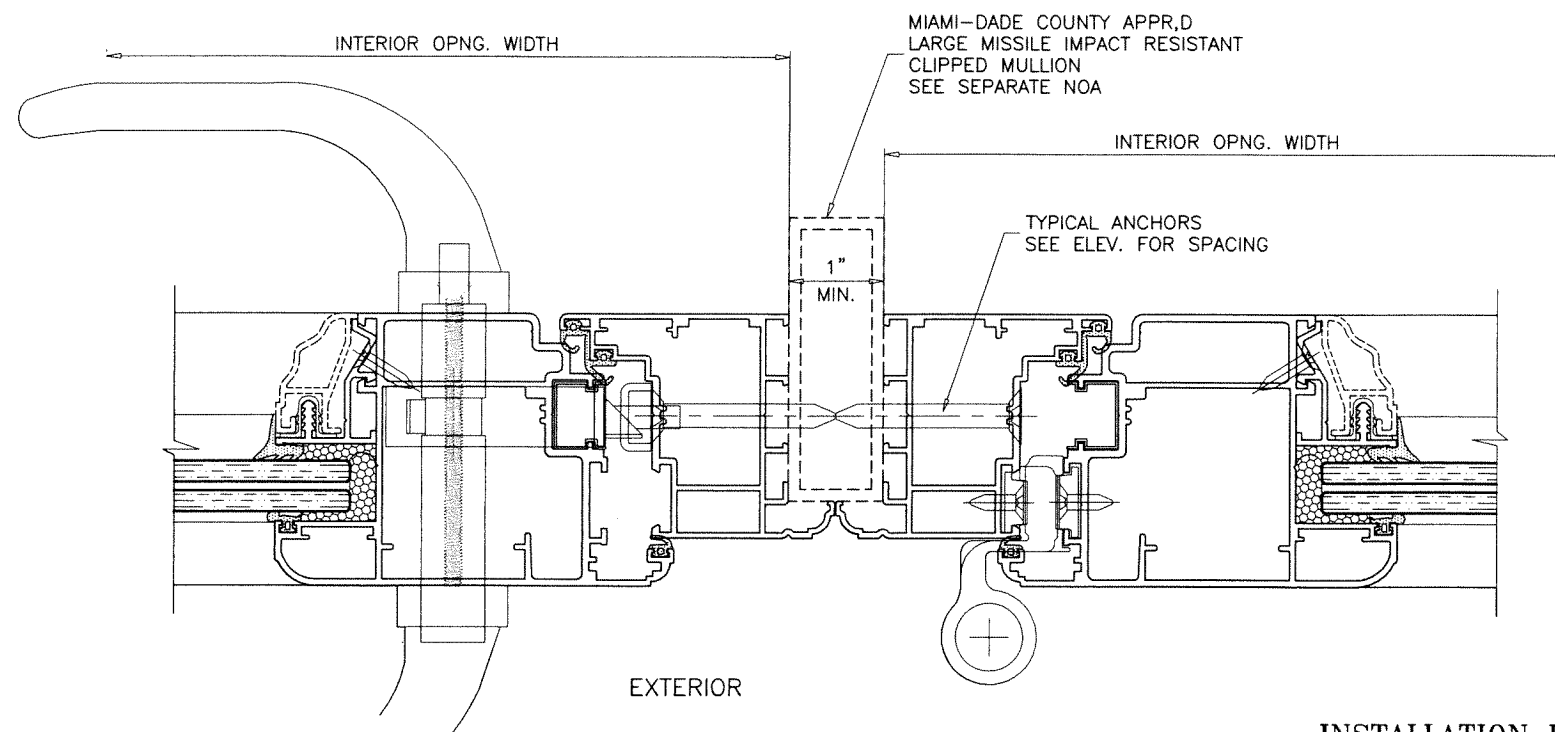
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 sheet 3 of 8

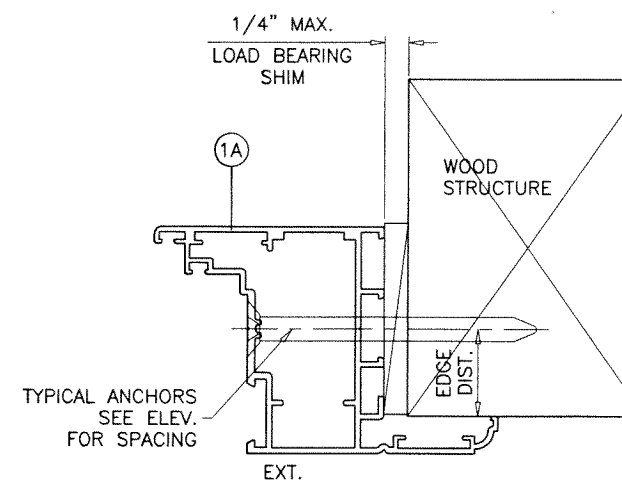
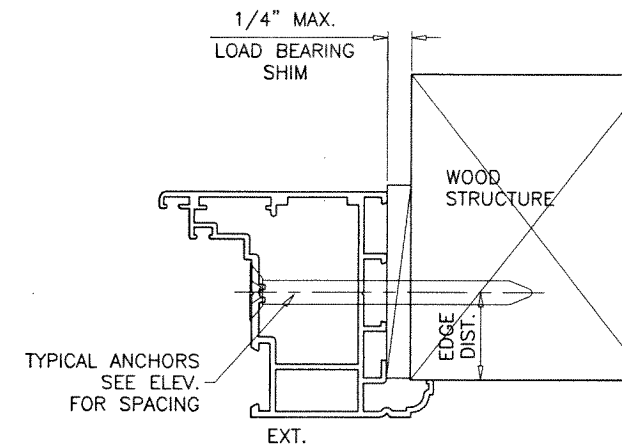
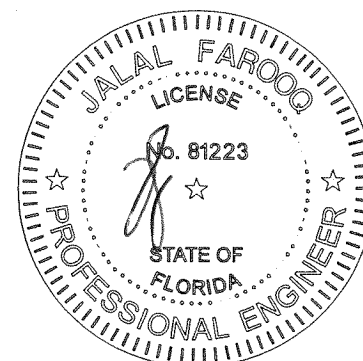


PRODUCT REVISED
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Building Code
NOA-No. 24-0213.01
Expiration Date 03/07/2029
By Ishaq I. Chande
Miami-Dade Product Control



INSTALLATION DETAILS
FRAMES WITH 1/2" FLANGE

FEB 02 2024



FRAME WITH 1 3/16" FLANGE
OPTIONAL

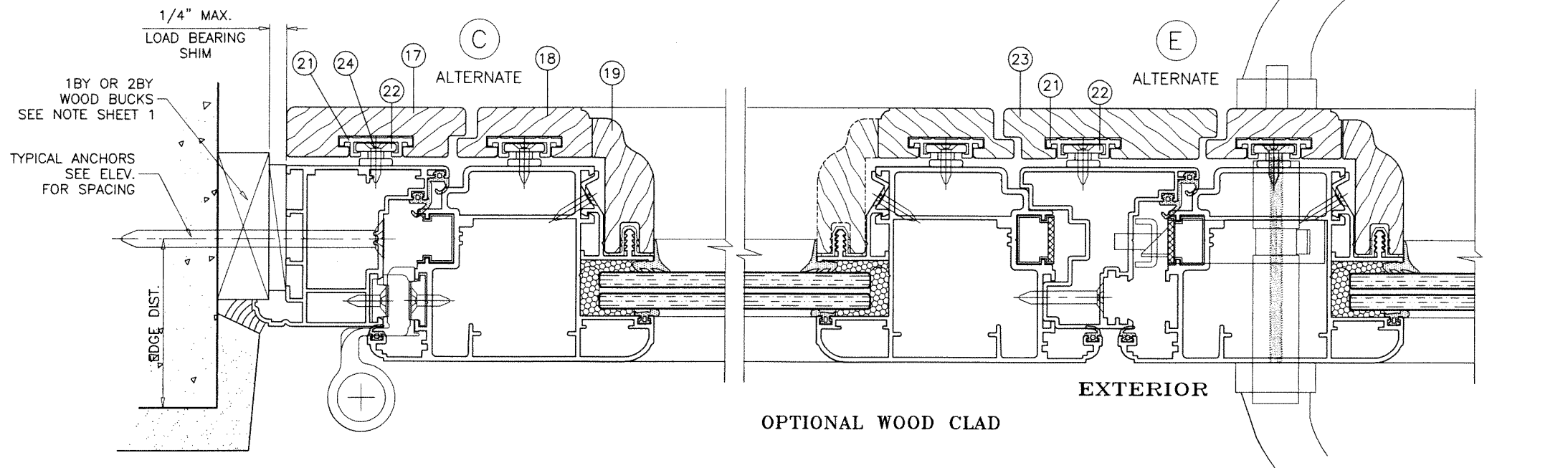
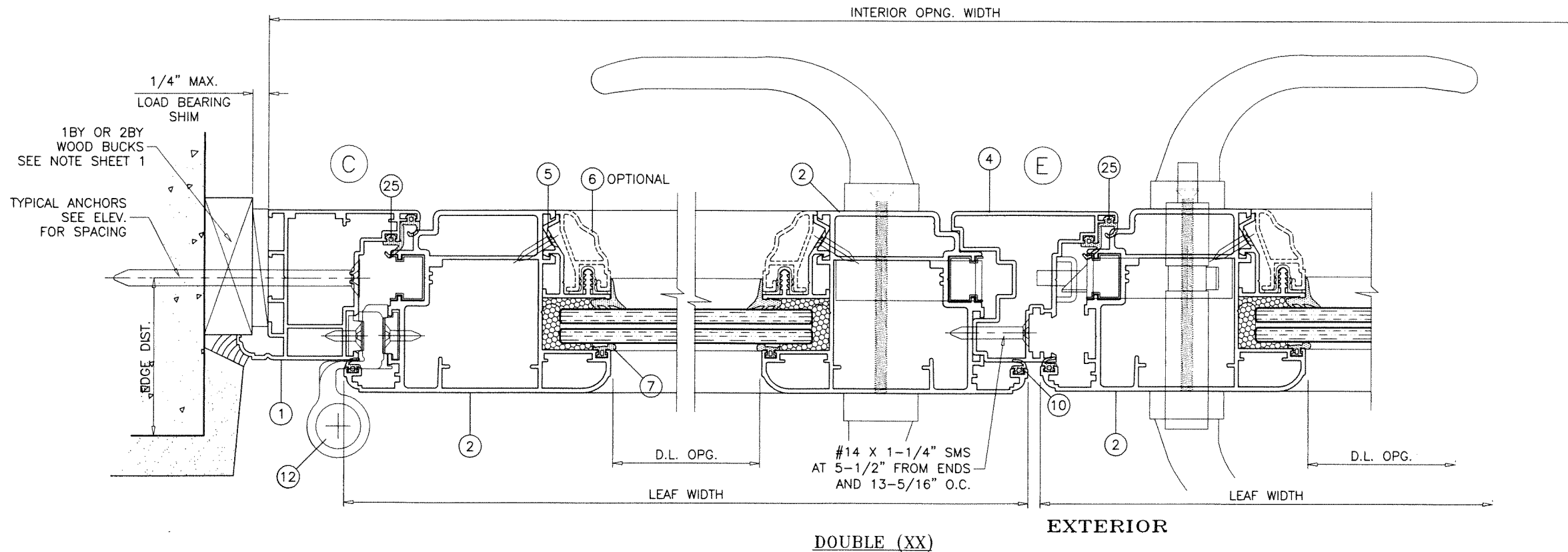
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-31KUI

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Officina Inc.
7549-7551 BISCAYNE BLVD.
Miami, FL 33138
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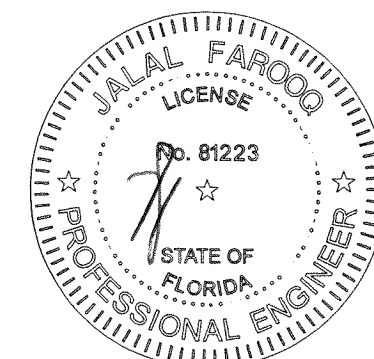
drawing no.
W08-31
sheet 4 of 8



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Miami-Dade Product Control

INSTALLATION DETAILS
FRAMES WITH 1/2" FLANGE

FEB 02 2024



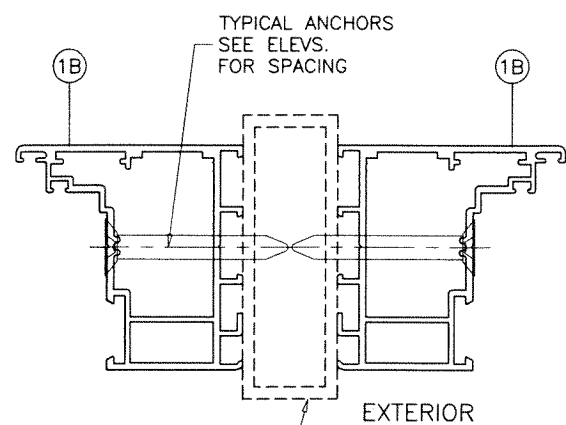
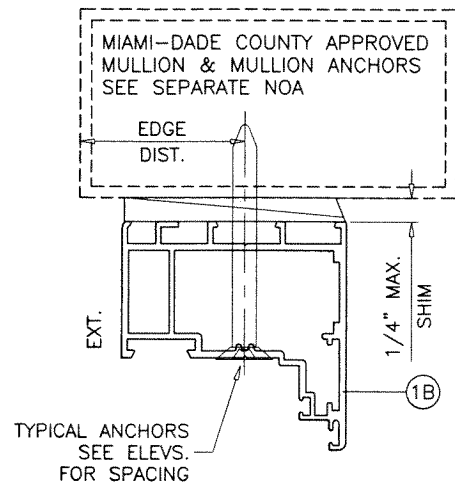
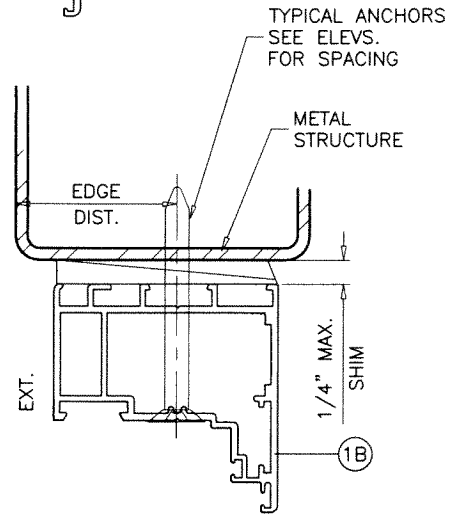
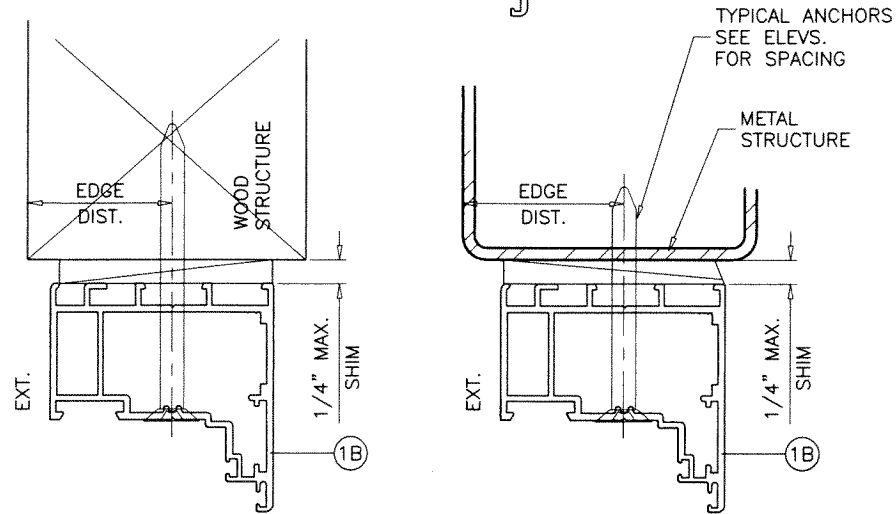
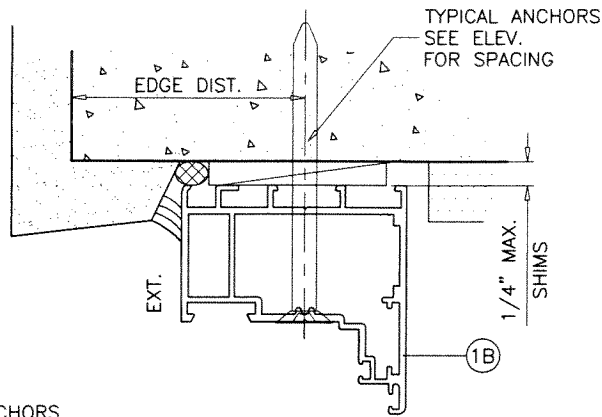
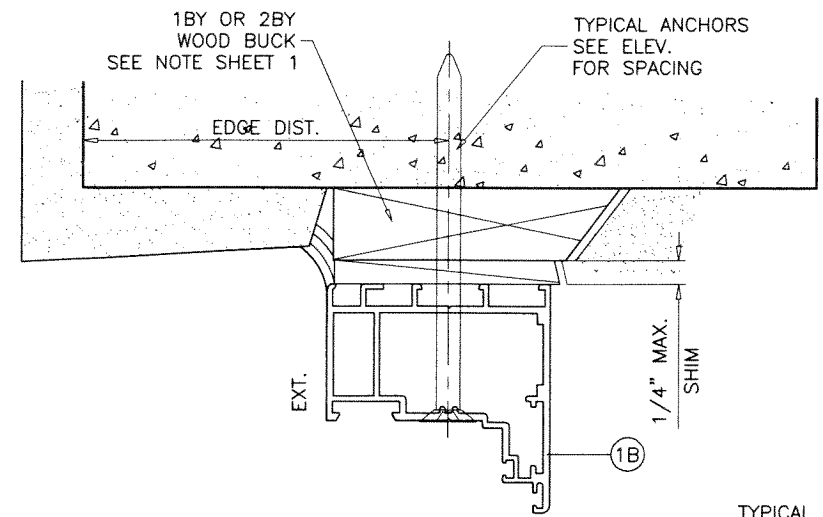
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-31KUI

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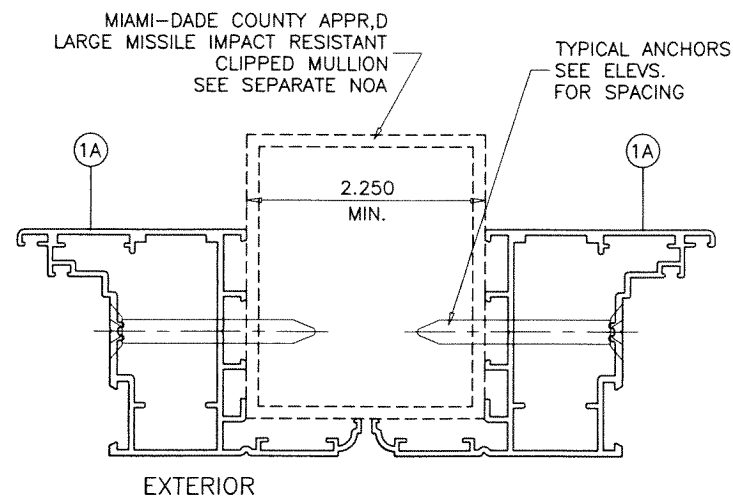
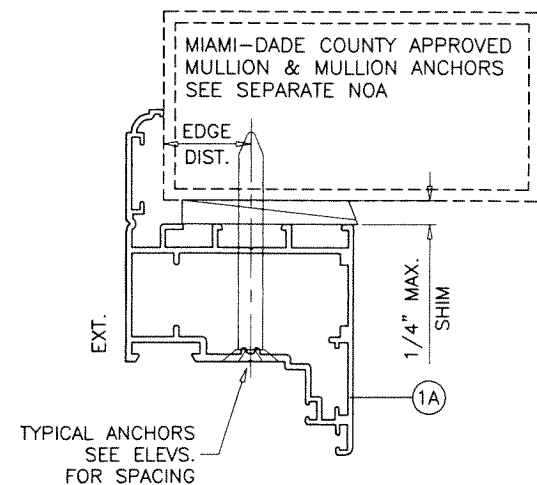
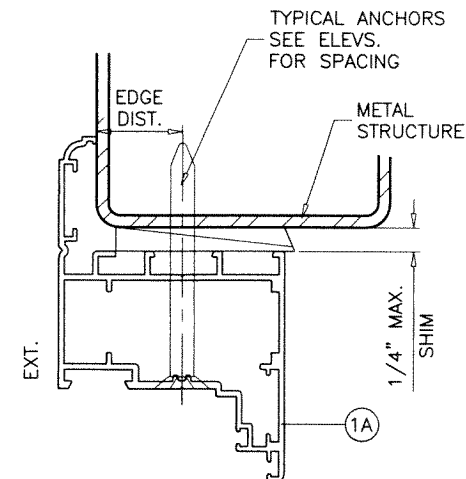
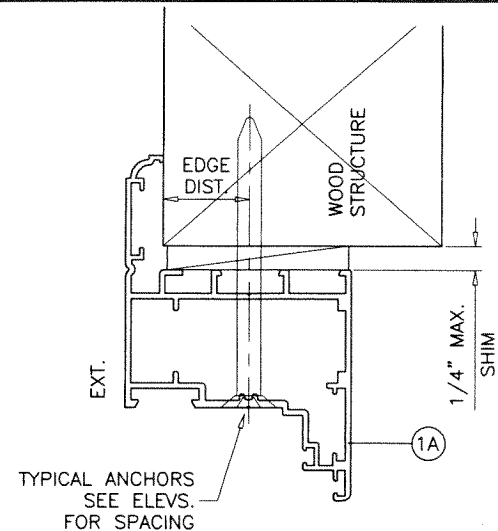
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dr. by:	TARIQ
chk. by:	

drawing no.	W08-31
sheet	5 of 8



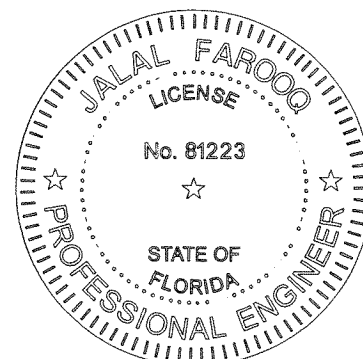
MIAMI-DADE COUNTY APPR,D
LARGE MISSILE IMPACT RESISTANT
CLIPPED MULLION
SEE SEPARATE NOA

INSTALLATION DETAILS FRAMES WITHOUT FLANGE



INSTALLATION DETAILS FRAMES WITH 1-3/16" FLANGE

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as complying with the Florida
Building Code
NOA-No. 24-0213.01
Expiration Date 03/07/2029
By Ishag I. Chande
Miami-Dade Product Control



FEB 02 2024

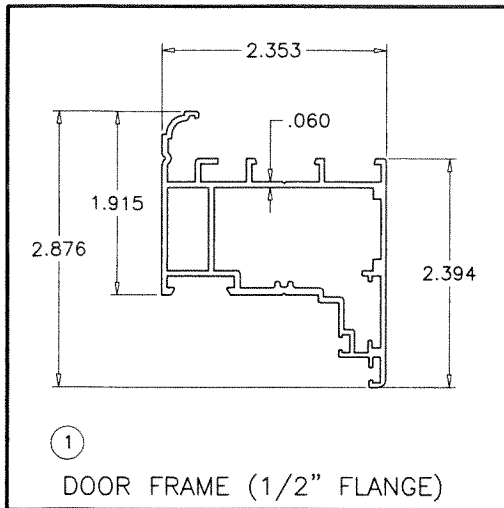
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AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W08-31KUJ

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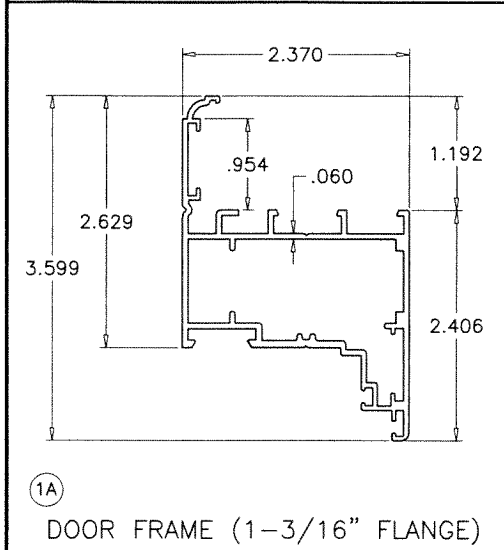
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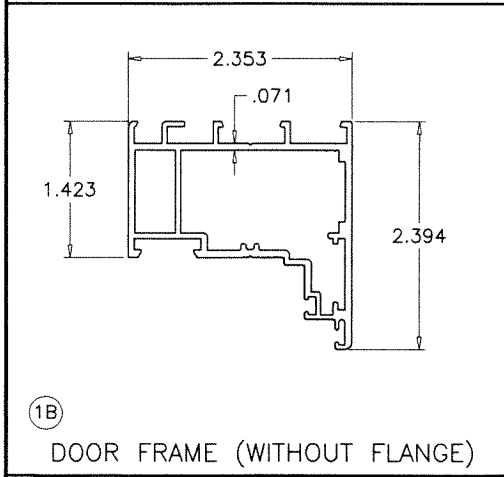
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W08-31
sheet 6 of 8



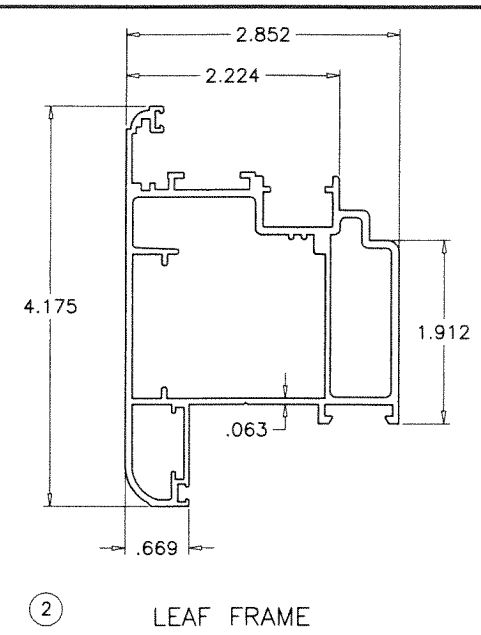
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DOOR FRAME (1/2" FLANGE)



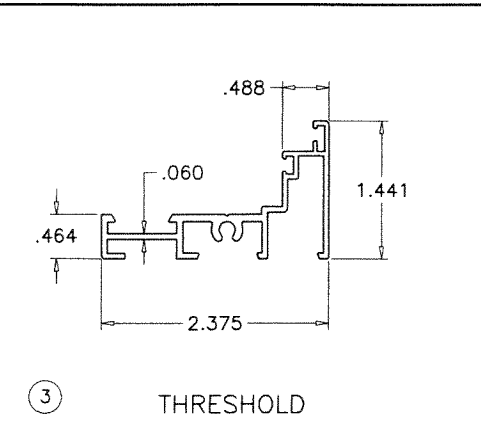
1A
DOOR FRAME (1-3/16" FLANGE)



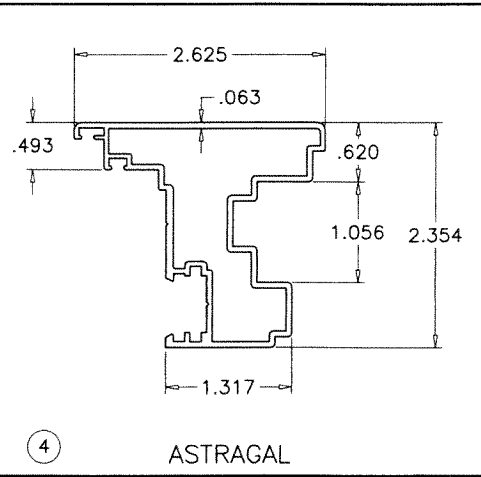
1B
DOOR FRAME (WITHOUT FLANGE)



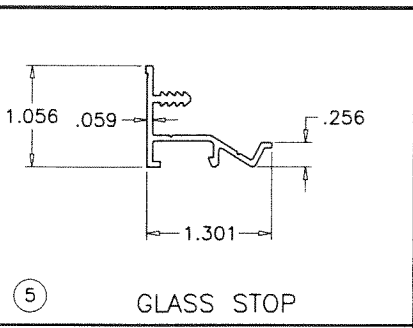
2
LEAF FRAME



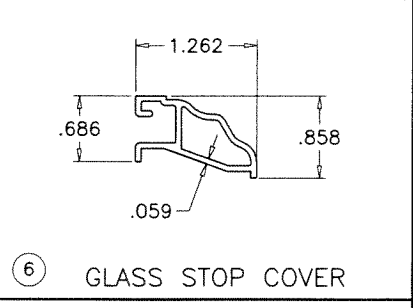
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THRESHOLD



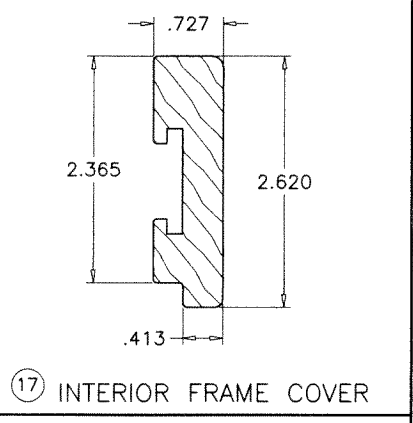
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ASTRAGAL



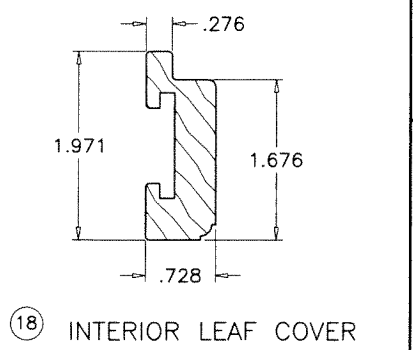
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GLASS STOP



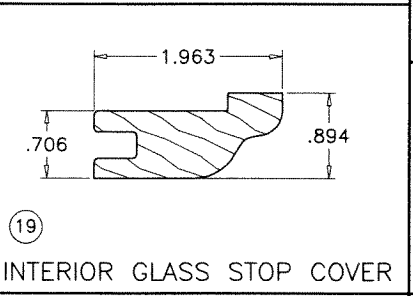
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GLASS STOP COVER



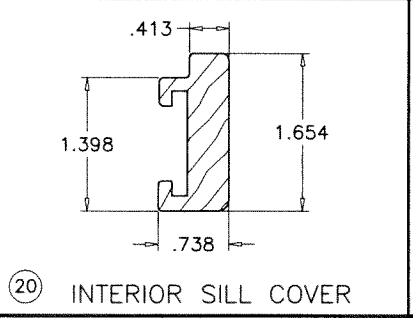
17
INTERIOR FRAME COVER



18
INTERIOR LEAF COVER

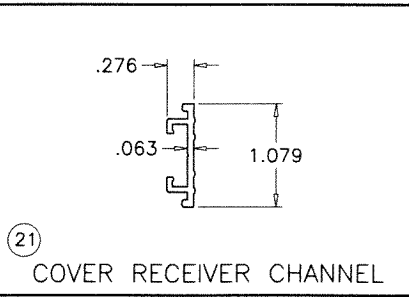


19
INTERIOR GLASS STOP COVER

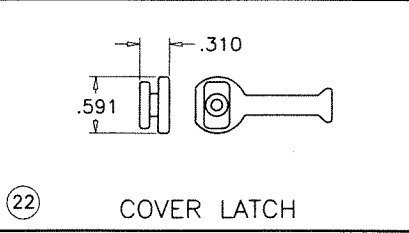


20
INTERIOR SILL COVER

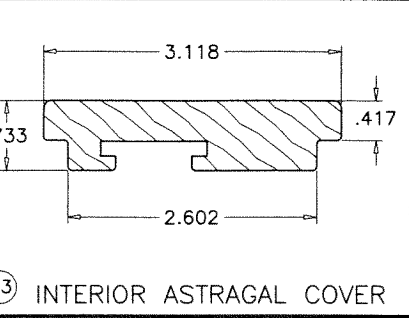
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	KA025	4/	DOOR	DOOR FRAME (1/2" FLANGE)	6060-T5 KORUS
1A	KA016	4/	DOOR	DOOR FRAME (1-3/16" FLANGE)	6060-T5 KORUS
1B	KA012	4/	DOOR	DOOR FRAME (WITHOUT FLANGE)	6060-T5 KORUS
2	KA015	4/	LEAF	LEAF FRAME	6060-T5 KORUS
3	KA008	1	THRESHOLD		6060-T5 KORUS
4	KA003	1	ASTRAGAL		6060-T5 KORUS
5	KA006	4/	LEAF	GLASS STOP	6060-T5 KORUS
6	KA007	AS REQD.	GLASS STOP COVER (DECORATIVE) (OPTIONAL)	6060-T5 KORUS	
7	COP8069	4/	LEAF	EXTERIOR GLAZING GASKET	EPDM COMPLASTEX
8	COPOUP4W	4/	LEAF	INTERIOR GLAZING GASKET	EPDM COMPLASTEX
8A	COPOUP5W	4/	LEAF	INTERIOR GLAZING GASKET	EPDM COMPLASTEX
8B	COPOUP6W	4/	LEAF	INTERIOR GLAZING GASKET	EPDM COMPLASTEX
9	COP2217	AS REQD.	GLASS STOP HOOK GASKET	EPDM COMPLASTEX	
10	COP02666	AS REQD.	EXTERIOR FRAME GASKET	EPDM COMPLASTEX	
11	ALF7340	AS REQD.	INTERNAL GASKET	EPDM ALFASOLARE	
12	FAP5603A	3/	LEAF	HINGE	CAST ALUM FAPIM
13	MON5007	AS REQD.	LEAF JOINING BRACKET	CAST ALUM MONTICELLI	
14	MON5002	AS REQD.	FRAME JOINING BRACKET	CAST ALUM MONTICELLI	
15	SIG896068	AS REQD.	CORNER JOINT	STEEL SIEGENIA	
16	PONK20	AS REQD.	ALIGNING BRACKET	PA6 PONTINA STAMPI	
17	-	AS REQD.	INTERIOR FRAME COVER	WOOD DECORATIVE	
18	-	AS REQD.	INTERIOR LEAF COVER	WOOD DECORATIVE	
19	-	AS REQD.	INTERIOR GLASS STOP COVER	WOOD DECORATIVE	
20	-	AS REQD.	INTERIOR SILL COVER	WOOD DECORATIVE	
21	C71808	AS REQD.	COVER RECEIVER CHANNEL (CONT.)	6060-T5 KORUS	
22	PS002	AS REQD.	COVER LATCH AT 12" O.C.	CAST ALUM MONTICELLI	
23	-	AS REQD.	INTERIOR ASTRAGAL COVER	WOOD DECORATIVE	
24	#6 X 3/4"	1/	LATCH	LATCH INSTALLATION SCREWS	- FH SMS
25	COP020250	AS REQD.	FRAME W'STRIPPING GASKET	EPDM COMPLASTEX	
26	-	1	MULTI POINT LOCK, SEE SHEET 2.1	- SIEGENIA	



21
COVER RECEIVER CHANNEL

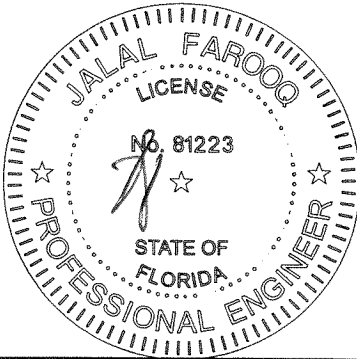


22
COVER LATCH



23
INTERIOR ASTRAGAL COVER

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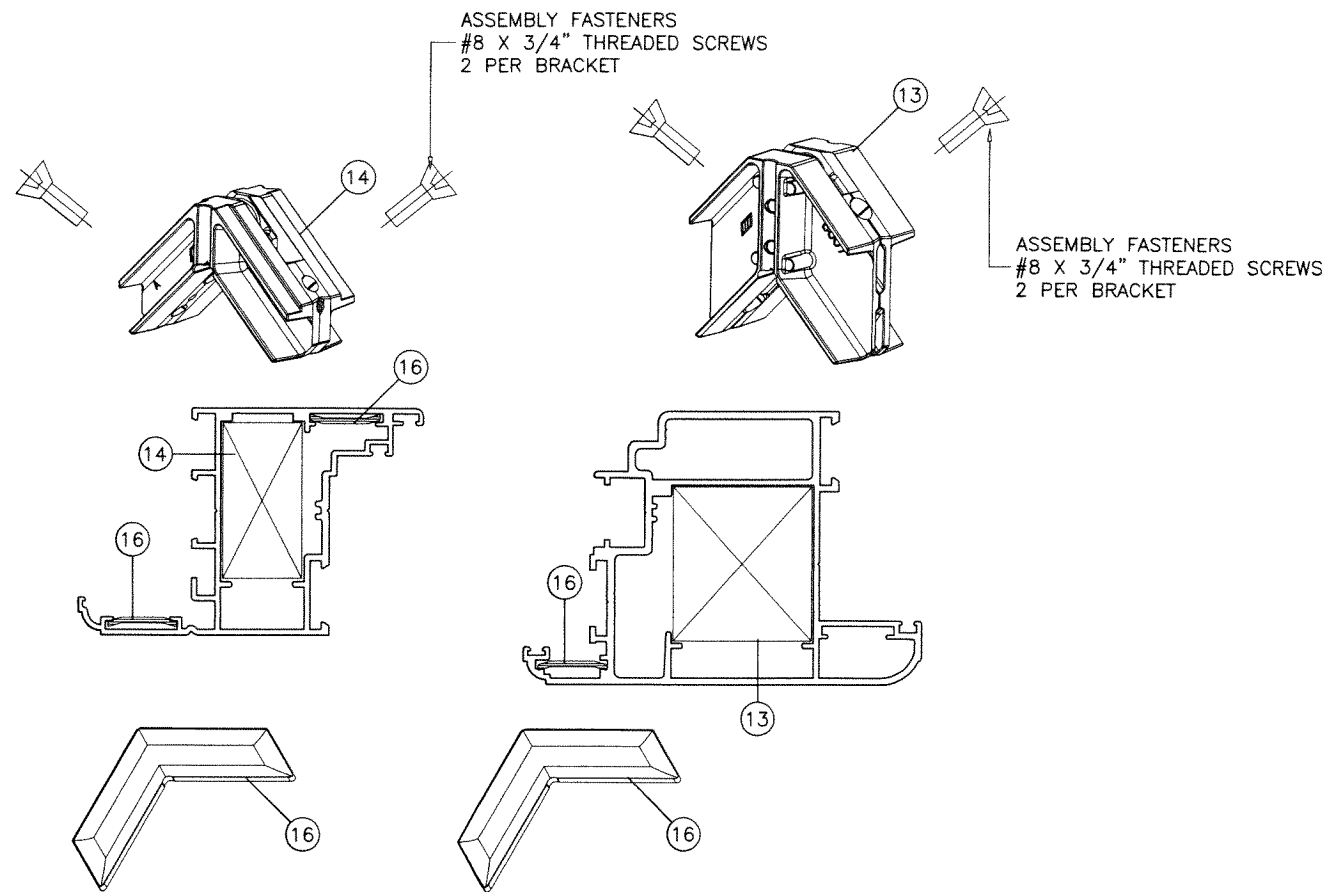
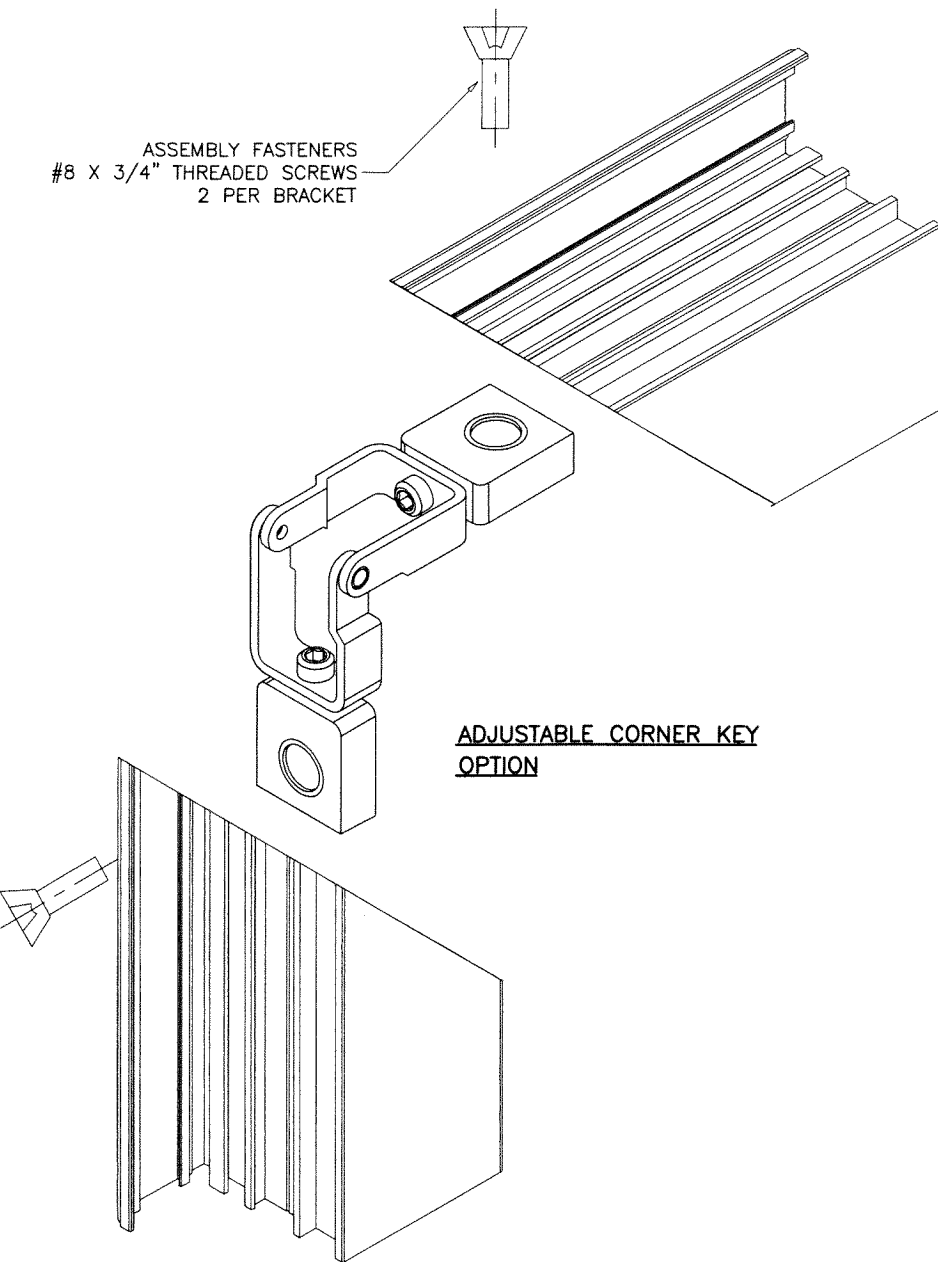
Officina Inc.
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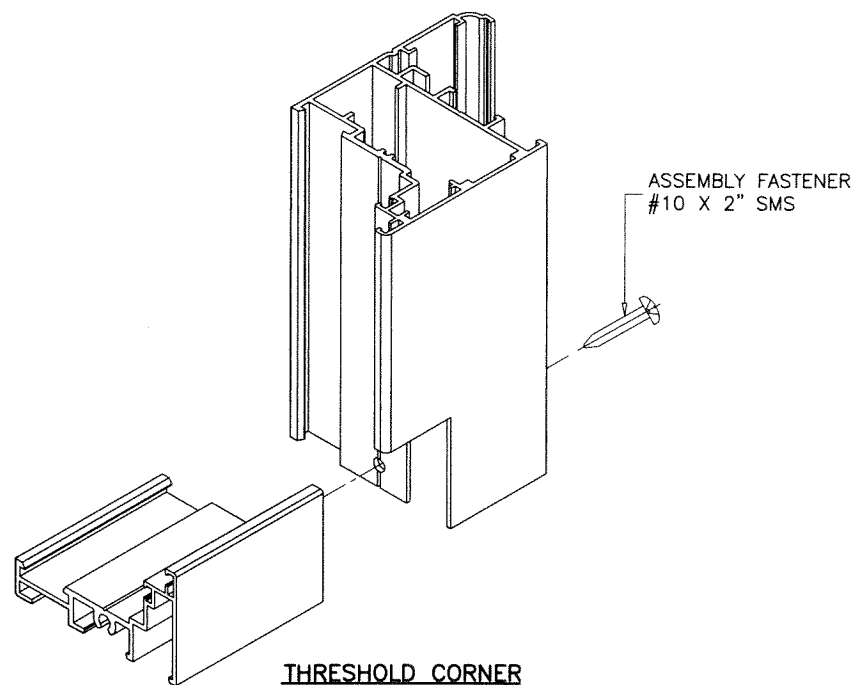
sheet 7 of 8



FRAME CORNER

LEAF CORNER

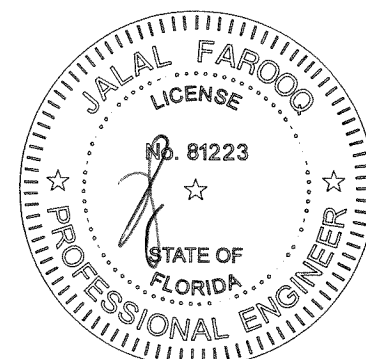
MITER CUT FRAME AND LEAF CORNERS



THRESHOLD CORNER

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By *Ishag I. Chande*
Miami-Dade Product Control

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COMP-ANL\W08-31KUI