



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

ESR Impact System, LLC
12400 S.W. 134 Ct., Suite 8
Miami, FL. 33186

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 were 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 4000 Aluminum Sliding Glass Door w/ Reinforcements-LMI

APPROVAL DOCUMENT: Drawing No. **W 24-91D** (former W03-100 Rev Q), titled "Series-4000 Aluminum Sliding Glass Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated DEC 05, 2024, 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 sheet **2** for Design Pressure (DP) Vs Glass types, size & reinforcing levels for **(4)** Panels or **less** configured SGD and sheet **3** for taller (2) panels configured **OX, XO** or **XX** w/ **Heavy Duty** reinforcing. Exterior (positive) design pressures are limited to **+70 PSF** w / **2-1/2"** sill & up to **+85 PSF** w/ **3-1/4"** sill for **OX** or **XO** and **+80 PSF** w/ **3-1/4"** sill for **XX** door.
2. Max. Door frame area not to exceed **96"x192"** = **128 ft²** (4-panel) or **98"x 111"** = **75.5 ft²** (2-HD panel), corresponding to the tested area.

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 NOA #23-0714.11 (DA Energia Solar, S.A. & PLA ES Windows, LLC)** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4, E-5 & E-6, as well as approval document mentioned above.

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

Ishaq I. Chanda



NOA No. 24-1219.01
Expiration Date: March 18, 2029
Approval Date: February 13, 2025
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under files below)
2. Drawing No. **W03-100 Rev M**, titled "Series-4000 Aluminum Sliding Patio Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on OCT 21, 2015, signed and sealed by Javad Ahmad, P.E.

B. TESTS (Submitted under files #15-0629.01/#14-0923.11/13-1115.03/#12-0312.03/#09-0210.07 and #08-0417.03)

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 Sliding Glass Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No(s). **FTL-3908**, dated 10/09/03, **FTL-3909**, dated 09/26/03, **FTL-3910**, dated 09/30/03 and **FTL-4287**, dated 09/22/04, signed and sealed by Joseph Chan, P.E. and the Test Report No. **FTL-4287**, dated 09/22/04, signed and sealed by Edmundo Largaespada, P.E.

2. Additional Reference test reports No. **FTL-5471**, dated 01/24/08 and **FTL 7894** (Tandem Nylon Rollers), per TAS 201/203-94, issued by Fenestration Testing Lab, signed & sealed by Michael Wenzel, P.E. and Idalmis Ortega, P.E., respectively.

C. CALCULATIONS

1. Anchor verification calculation, complying w/ FBC 2014(5th Edition), dated 07/31/2015, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with 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. **14-0916.11** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Sentry Glass® (Clear and White) Glass Interlayers**", expiring on 07/04/18.
2. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Kurray Butacite PVB Interlayers**".

Ishaq I. Chanda

Ishaq I. Chanda, P.E.

Product Control Unit Supervisor

NOA No. 24-1219.01

Expiration Date: March 18, 2029

Approval Date: February 13, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of compliance to FBC 2014 (5th Edition) and of no financial interest issued by Al-Farooq Corp., dated 07/29/15, signed and sealed by Javad Ahmad, P.E.
2. Statement of Lab compliance, part of above test reports.
3. Distribution agreement dated 03/05/14 between ES Windows, LLC & Energia Solar, SA, and Colombia, signed by Andres Chamorro (Gen MGR) and Clara Garcia (Sales MGR), respectively on behalf of their companies (submitted under #13-1115.03)

G. OTHER

1. This NOA **revises NOA # 14-0923.11**, expiring March 18, 2019.
2. Tet proposal # 07-3815, approved by BCCO and dated 07/01/14 by RER.

2. Evidence submitted under previous approval

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W03-100 Rev O**, titled "Series-4000 Aluminum Sliding Glass Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on SEP 07, 2017, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

Along with marked-up drawings and installation diagram of an Aluminum Sliding Glass Door, prepared by Black water Testing, Inc., Test Report No(s). **BT-ESW-15-004**, dated 04/18/2016, signed and sealed by YamilG. Kuri, P.E.

C. CALCULATIONS

1. Anchor verification calculation, complying w/ FBC 2017 (6th Edition), dated 11/18/2016 and last revised on 09-07-17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **16-1117.01** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for "**Trosifol**: Ultra clear, clear & color PVB glass interlayer" (former "**Kuraray Butacite** PVB Interlayer)", expiring on 07/08/19. *Ishaq I. Chanda*

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0714.11
Expiration Date: March 18, 2029
Approval Date: February 13, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance to FBC 2014(5th edition) and FBC 2017(6th Edition), dated 09/06/17 prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA revises NOA # 15-0629.01, expiring 03/18/2019.

3. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **W03-100 Rev O**, titled "Series-4000 Aluminum Sliding Glass Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on SEP 07, 2017, signed and sealed by Javad Ahmad, 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. **16-1117.01** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for "**Trosifol**: Ultra clear, clear & color PVB glass interlayer" (former "**Kuraray Butacite** PVB Interlayer)", expiring on 07/08/19.

F. STATEMENTS

1. Statement letter dated AUG 27, 2018 for renewal and still conformance to FBC 2017 (6th edition), prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA renews NOA # 17-0505.05, expiring 03/18/2024.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-1219.01
Expiration Date: March 18, 2029
Approval Date: February 13, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **W03-100 Rev P**, titled "Series-4000 Aluminum Sliding Glass Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on APR 02, 2021, 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. **19-0305.02** issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers", expiring on 07/08/24.

F. STATEMENTS

1. Statement letter dated 04/02/21 conformance to FBC 2020 (7th edition), prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHER

1. This NOA revises NOA # **18-0905.06**, expiring 03/18/2024.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-1219.01
Expiration Date: March 18, 2029
Approval Date: February 13, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5 Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **W03-100 Rev Q**, titled "Series-4000 Aluminum Sliding Glass Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 11/08/03 and last revised on JUL 07, 2023, 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).

MATERIAL CERTIFICATIONS

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

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated 07/14/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHER

1. This NOA **revises & renews NOA # 21-0408.07**, expiring 03/18/2029.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-1219.01
Expiration Date: March 18, 2029
Approval Date: February 13, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. New Evidence submitted

A. DRAWINGS

1. Drawing No. **W 24-91D** (former W03-100 Rev Q), titled "Series-4000 Aluminum Sliding Glass Door (LMI), sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated DEC 05, 2024, signed and sealed by Jalal Farooq, P.E.

B. TESTS (submitted under previous approvals)

1. None.

C. CALCULATIONS (submitted under previous approvals)

1. None

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **24-0205.06** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**", expiring on 07/08/29.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated 11/26/24, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, dated 07/14/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (submitted under previous approvals).
3. Distribution Agreement dated JAN 22, 2025, between Energia Solar SA, Barranquilla, Columbia and ESR Impact System, LLC, Miami, USA, signed by Andrea Zanbrano, General Counsel and Raul Losada, President, on behalf of their companies.
4. Private Label agreement as is filed as part of application, retained as part of documentation.
5. Distribution agreement dated 03/05/14 between ES Windows, LLC & Energia Solar, SA, and Colombia, signed by Andres Chamorro (Gen MGR) and Clara Garcia (Sales MGR), respectively on behalf of their companies (submitted under **#13-1115.03**)

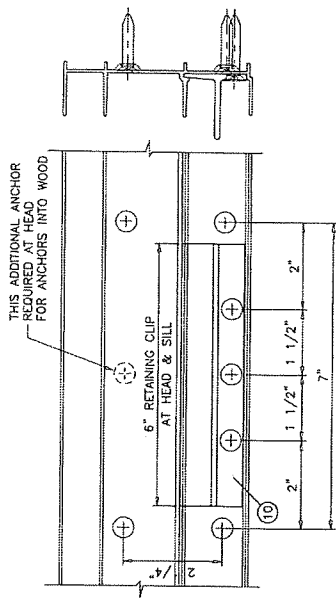
G. OTHER

1. This NOA revises NOA **#23-0714.11** (PVT ES Windows, LLC & DA Energia Solar, S.A.), expiring 03/18/2029.
2. Notice of Acceptance No. 23-0714.11 issued to E. S. Windows, LLC, expiring 03/18/2029.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 24-1219.01
Expiration Date: March 18, 2029
Approval Date: February 13, 2025

DEC 05 2024



DETAIL CLUSTER OF ANCHORS AT INTERLOCK/ASTRAGAL ENDS
1/4" ULTRACON DIRECTLY INTO CONCRETE AT SILL

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).

BY 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 WELD DRESSING OR STUCCO.

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

SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL STRIPS, SHALL COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BLOC. CODE & ADAPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC PROJECT. 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)'.

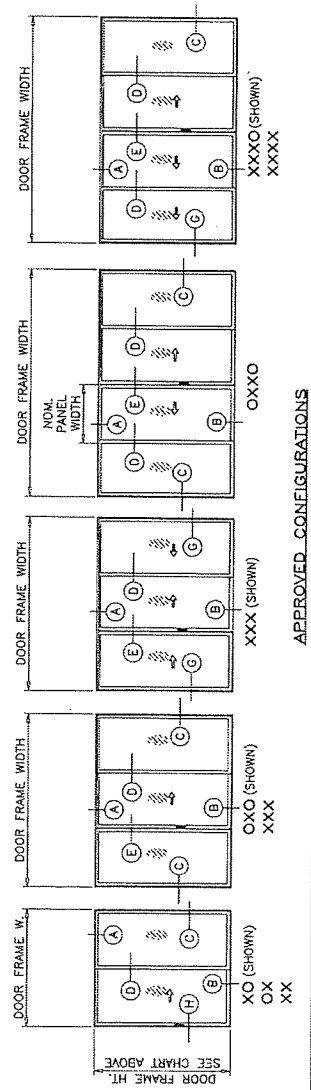
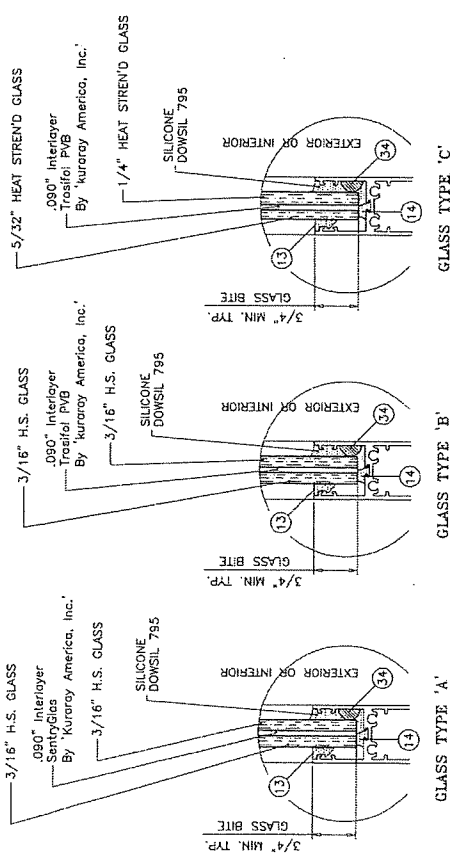
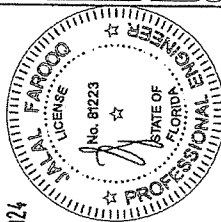
DESIGN LOAD CAPACITY — RSF									
(ALL CONFIGURATIONS SHOWN ON THIS SHEET)									
GLASS TYPES 'A', 'B' OR 'C'									
NOMINAL PANEL WIDTH INCHES	DOOR FRAME OR CURTAIN INCHES	NO REINFORC'G		MEDIUM REINFORC'G		HEAVY REINFORC'G			
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)		
30		70.0	80.0	70.0	80.0	70.0	80.0		
36		—	80.0	70.0	80.0	70.0	80.0		
42	81 1/4	—	—	70.0	80.0	70.0	80.0		
48		—	—	—	—	70.0	80.0		
54		—	—	—	—	70.0	71.1		
30		—	—	—	80.0	70.0	80.0		
36		—	—	70.0	80.0	70.0	80.0		
42	96	—	—	70.0	80.0	70.0	80.0		
48		—	—	—	—	70.0	80.0		
48		—	—	—	—	70	80		

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY WITH EGRESS REQUIREMENTS PER FBC AS REQUIRED.

PRODUCT REVISED
as complying with the Florida,
Building Code
Acceptance No 24-1219-01
Expiration Date 3/15/29
By _____
Miami Dade Product Control

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

DEC 05 2024



1X OR 2X WOOD BUCKS AND METAL STRUCTURE NOT BY 'ESR IMPACT SYS.'
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)
1" MIN. PENETRATION INTO WOOD STRUCTURES
2" MIN. PENETRATION INTO WOOD HEAD/JAMBS
THRU 1" BUCKS INTO CONC. OR BLOCKS
THRU 1" BUCKS INTO 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
DIRECTLY INTO CONCRETE OR BLOCKS
1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
1/4" DIA. TKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
1" INTO MIAMI-DADE COUNTY APPROVED MULLIONS

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 3/4" 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.
 5-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

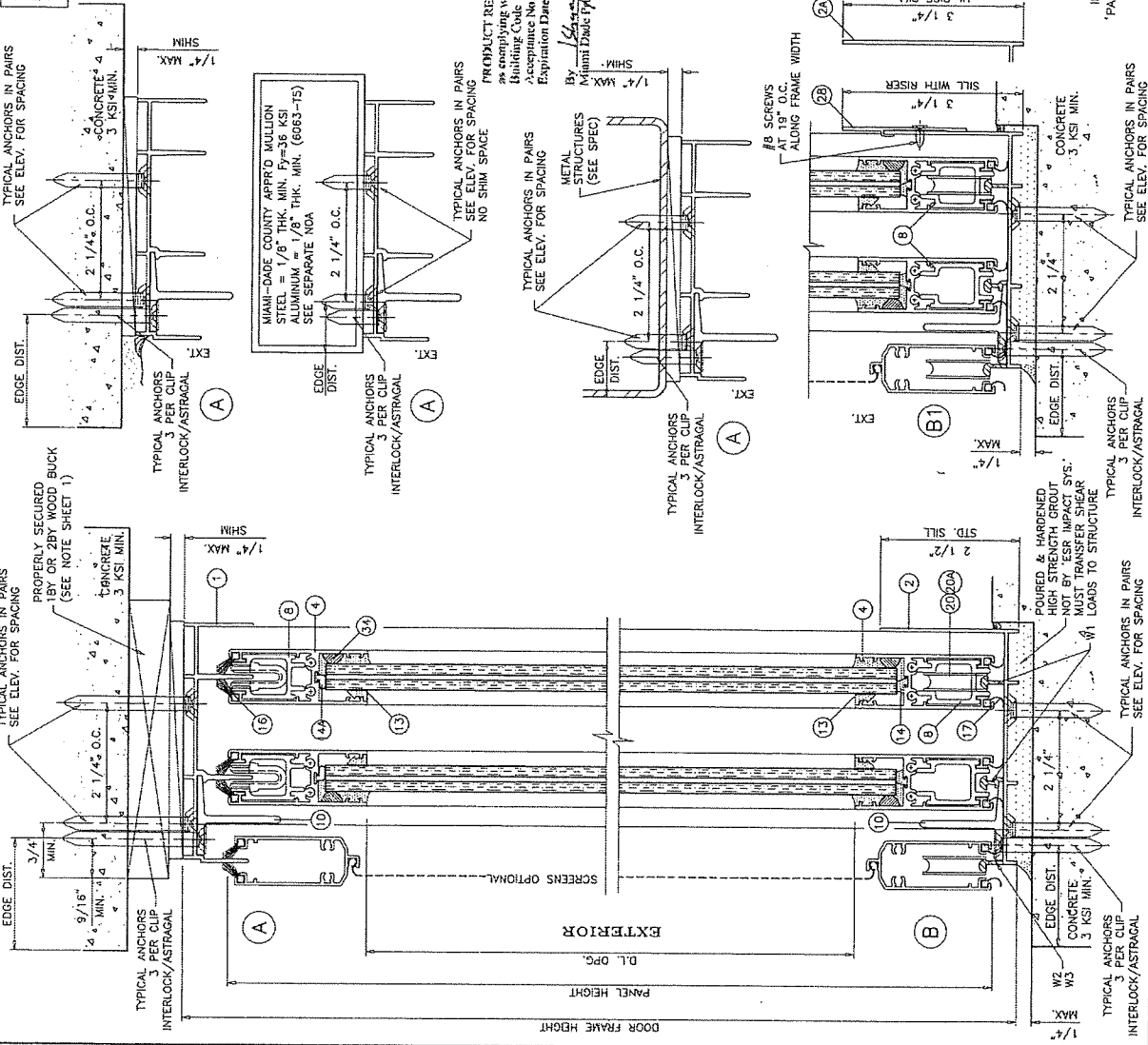
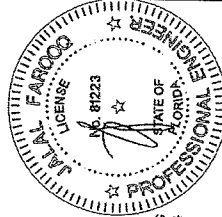
SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
WHITE/ALUMINUM COLORED SILICONE.

WEEPHOLES:

V1 = 1-3/4" WEEP NOTCH AT EACH END
V2 = 3/4" WEEP NOTCH AT EACH END
V3 = 3" X 1/4" WEEP HOLES AT 2" FROM EACH END

DEC 05 2024



TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING

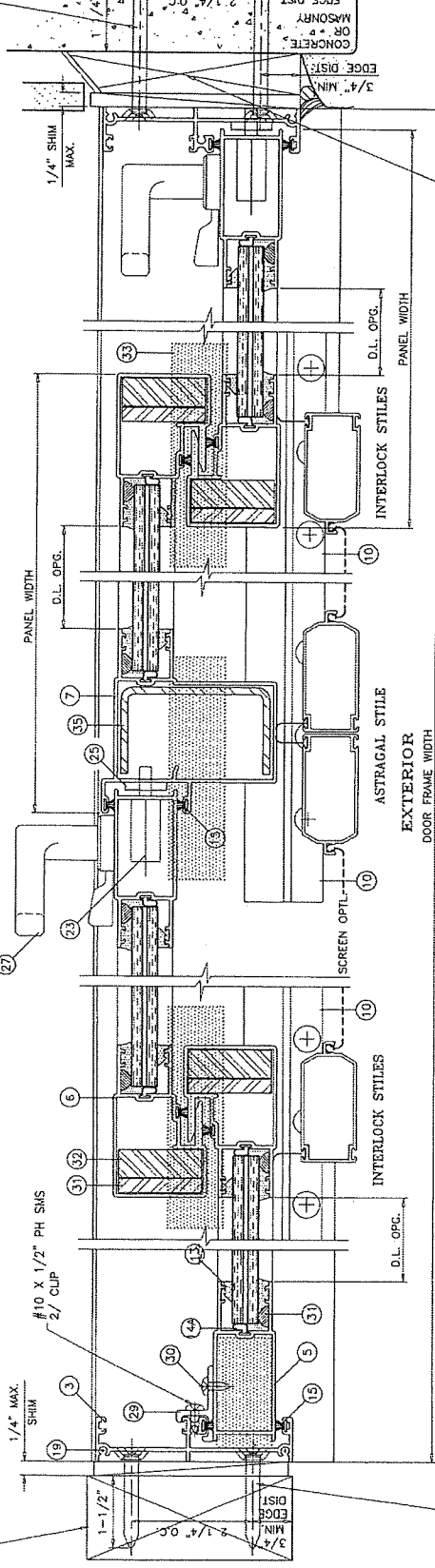
6

④

③

WHEEL ON
TRACK

—



HEAVY REINFORCING AT EXTERIOR/INTERIOR INTERLOCK & ASTRACAL STILES

18Y WOOD BUCK
(SEE NOTE SHEET 1)

— TYPICAL ANCHORS IN PAIRS
— SEE ELEV. FOR SPACING

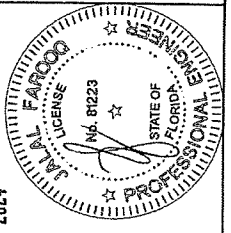
TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING

METAL STRUCTURES

— TYPICAL ANCHORS IN PAIRS
— SEE ELEV. FOR SPACING

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-1219-01
Expiration Date 3/18/29
By [Signature]
Miami Dade Product Control

DEC 05 2024



COMP-ANL\24-91D-ESR		FBPE #9558		WWW.-		Phone: (305) 489-1608		ESR Impact System LLC. 12400 S.W. 134th Court, Suite 8 Miami, FL 33186		SERIES-4000 ALUM SLIDING GLASS DOOR (L.M.I.)		date: 12-03-24 scale: 1/2" = 1" dr. by: TARIQ ch. by:		drawing no. 24-91D sheet 6 of 7	
AL-FAROQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL (305) 264-9100 WWW.AFENG.COM															
JAMAL FAROQ PROFESSIONAL ENGINEER STATE OF FLORIDA LICENSE No. 81223 DEC 05 2024															
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 24-1219-01 Expiration Date 3/18/25 By: [Signature] Miami District Product Control															
ITEM # PART # QUANTITY DESCRIPTION MATERIAL MANUF./SUPPLIER/REMARKS															
1 ES-4001-1 1 FRAME HEAD 6063-T6 -															
2 ES-4002-1 1 STD. FRAME SILL 6063-T6 -															
2A - 1 HI-RISE FRAME SILL 6063-T6 -															
3 ES-4003-1 1 FRAME JAMB 6063-T6 -															
4 ES-4004-1 2/ PANEL TOP AND BOTTOM RAIL 6063-T6 -															
5 ES-4005-1 AS REQD. LOCK STILE 6063-T6 -															
6 ES-4006-1 AS REQD. INTERLOCK 6063-T6 -															
7 ES-4007-1 AS REQD. FEMALE ASTRAGAL 6063-T6 -															
8 ES-4008 AS REQD. TOP & BOTTOM RAIL STIFFENER 6063-T6 -															
9 ES-4009 2/ PANEL PANEL GUIDE (TOP ONLY) CELCON NOT SHOWN															
10 ES-4010 2/ PANEL RETAINER CLIP, 6" LONG 6063-T6 -															
13 27-445 AS REQD. GLAZING WEDGE GASKET EPDM DUROMETER 7545 SHORE A, SOLUCIONESCAUCHO															
14 27-448 AS REQD. BOTTOM RAIL GLASS STOP EPDM DUROMETER 8845 SHORE A, SOLUCIONESCAUCHO															
14A 27-449 AS REQD. TOP RAIL & STILES GLASS STOP EPDM DUROMETER 7545 SHORE A, SOLUCIONESCAUCHO															
15 W23241NK AS REQD. STILE & JAMB W/STRIPPING - GLASS PANELS, ULTRAFAB															
16 026647DK AS REQD. TOP RAIL W/STRIPPING - GLASS PANELS, ULTRAFAB															
17 ES-4015 AS REQD. BOTTOM RAIL W/STRIPPING VINYL GLASS PANELS															
19 #10X1-1/4" PH SMS 8/ PANEL PANEL ASSY SCREWS - GLASS PANELS															
19A #10X1" FH SMS 2/ CORNER FRAME ASSY SCREWS - PABOSA															
20 GTT-26/13-02A 2/ MOV. PANEL TANDEM ASETAL WHEELS IN METALLIC HOUSING -															
20A AR06BSS-IS/4 2/ MOV. PANEL TANDEM ST. STEEL WHEELS IN METALLIC HOUSING - BSI															
21 #10X1-1/4" PH SMS 1/ ROLLER ROLLER INST. SCREWS - GLASS PANELS ONLY															
23 2300-10SS 1/ MOV. PANEL 3 PLY METALLIC HOOK LOCK ST. STEEL															
24 - 2/ LOCK LOCK INSTALLATION SCREW - PLATED STEEL															
25 537 1/ LOCK LOCK STRIKE PLATE - NOT SHOWN															
26 #10 PH SMS 2/ LOCK STRIKE PLATE MOUNT, SCREW - (3) #6-32 X 1/2" FH MS, ST. STEEL															
27 #6222 1/ LOCK INTERIOR AND EXTERIOR PULL -															
28 ES4028 AS REQD. SILL RISER 6063-T5 -															
29 ES-4017 2/ PANEL FIXED PANEL CLIP (OUTSIDE PANEL) 6063-T5 -															
29A ES-4020 2/ PANEL FIXED PANEL CLIP (INSIDE PANEL) 6063-T5 FOR OXO DOORIS															
30 #10X1/2" PH SMS 2/ CLIP FIXED PANEL CLIP FASTENER -															
31 - AS REQD. 1/4" X 1-1/2" REINFORCING BAR 36 KSI STEEL LENGTH = PANEL HT. - 6.5"															
32 - AS REQD. 1/2" X 1-1/2" REINFORCING BAR 36 KSI STEEL LENGTH = PANEL HT. - 6.5"															
33 P38024FK AS REQD. 3" LONG SELF ADHESIVE PILE PAD WOOL AT HEAD AND SILL															
34 - 2/ SIDE BUMPON NEOPRENE -															
35 - AS REQD. ASTRAGAL REINFORCING 36 KSI STEEL LENGTH = PANEL HT. - 14"															

INTERLOCK STILES

ASTRAGAL STILE

EXT.

SCREEN OPTL.

MEDIUM REINFORCING

AT EXT. INTERLOCK & ASTRAGAL STILES

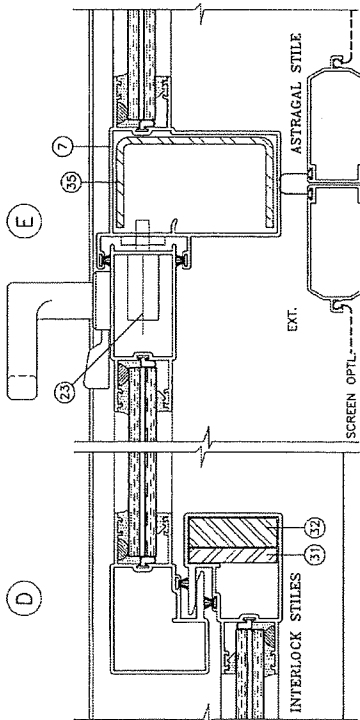
INTERLOCK STILES

ASTRAGAL STILE

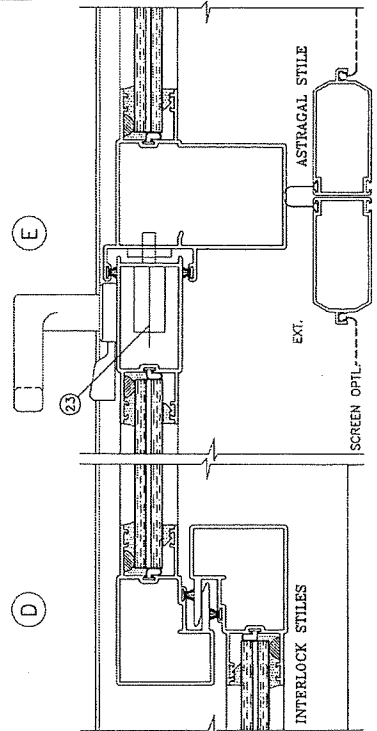
EXT.

SCREEN OPTL.

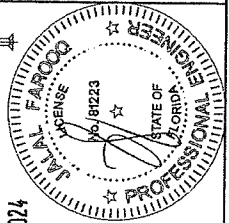
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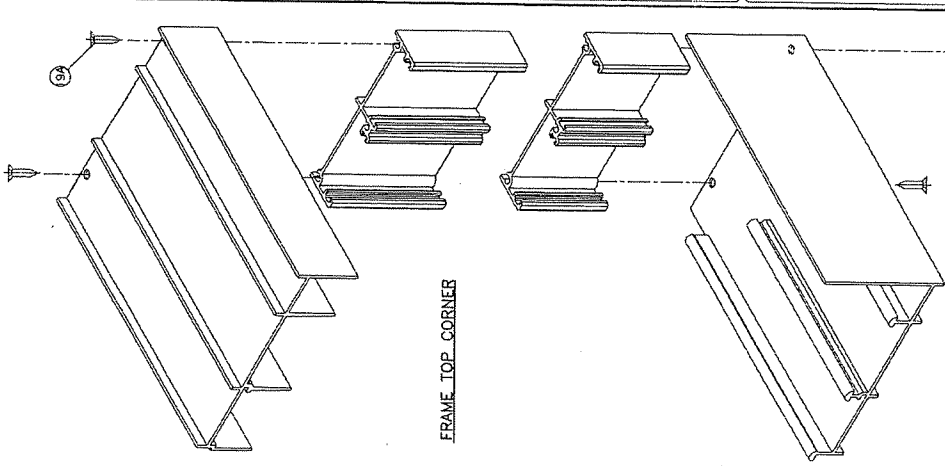
MEDIUM REINFORCING
AT EXT. INTERLOCK & ASTRAGAL STILES



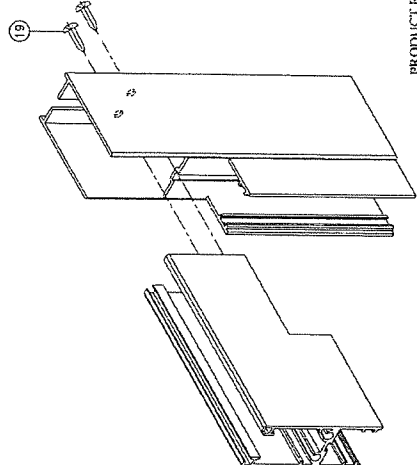
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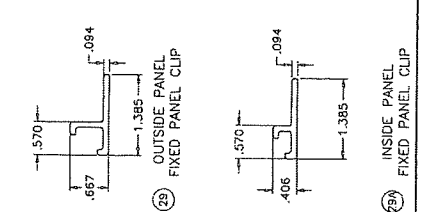
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1219.01
Expiration Date 3/18/29
By [Signature] J. Chubb
Miami Code Product Control



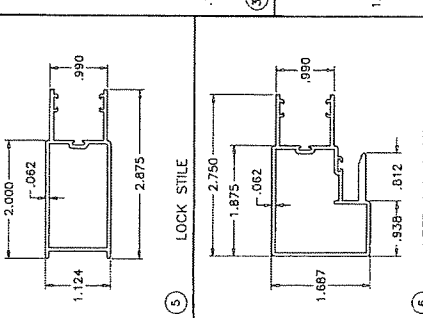
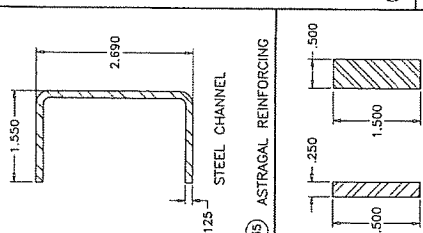
FRAME TOP CORNER



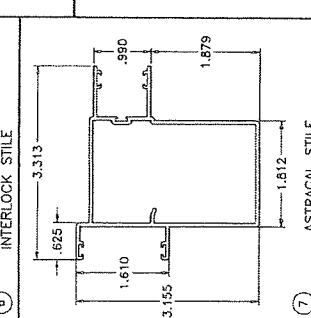
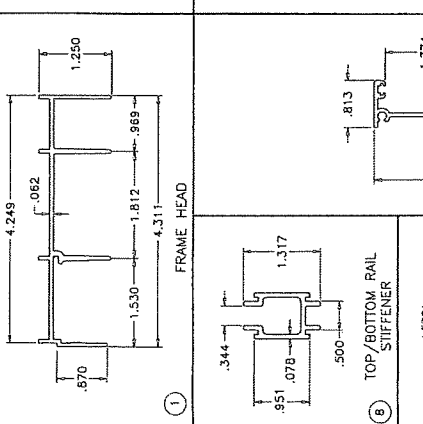
PANEL CORNER



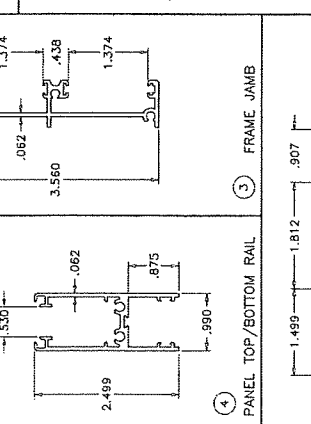
29A
INSIDE PANEL
FIXED PANEL CLIP



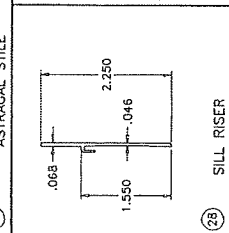
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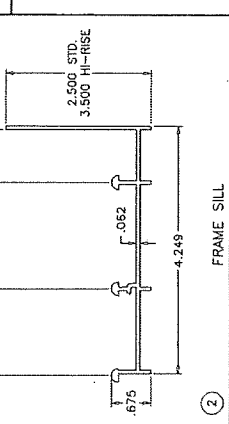
ASTRACAL STILE



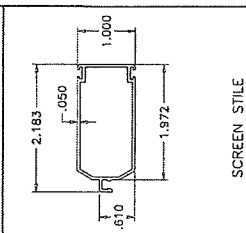
③ FRAME JAMB



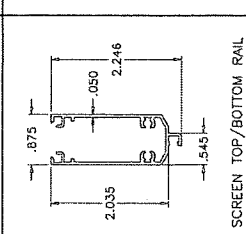
28 SILL RISER



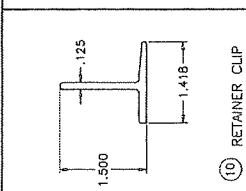
FRAME SILL



CREEN STILE



SCREEN TOP/BOTTOM RAIL



RETAINER CLIP