



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/building

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

E.S. Windows, LLC
3550 NW 49th Street
Miami, FL 33142

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 “ES-4000” Aluminum Horizontal Sliding Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **24-75D**, titled “Series-4000 Aluminum Sliding Glass Wdw. (L.M.I)”, sheets 1 through 7 of 7, dated 10/16/24, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, **Barranquilla, Colombia**, model/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.

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.

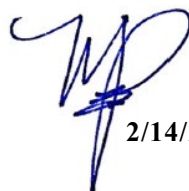
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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




 2/14/25

NOA No. 25-0128.05
Expiration Date: March 18, 2029
Approval Date: February 20, 2025
 Page 1

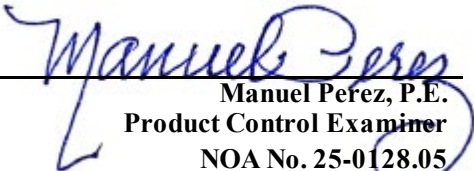
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 04-1117.05)
2. Drawing No. **24-75D**, titled "Series-4000 Aluminum Sliding Glass Wdw. (L.M.I)", sheets 1 through 7 of 7, dated 10/16/24, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC, and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Blackwater Testing, Inc., Test Report No. **BT-ESW-15-004**, dated 04/18/16, signed and sealed by Yamil G. Kuri, P.E.
(Submitted under NOA No. 17-0505.05)
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, Type "A-A" sliding door, Grade 10, Level LV 1 per ASTM F 588 and per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., for the following Test Reports No.:
 - a) **FTL-5471**, dated 01/24/08, signed and sealed by Michael R. Wenzel, P. E.
(Submitted under NOA No. 09-0210.07)
 - b) **FTL-4287**, dated 09/22/04, signed and sealed by Joseph C. Chan, P. E.,
(Submitted under NOA No. 04-1117.05)
 - c) **FTL-4287**, dated 09/22/04, signed and sealed by Edmundo Largaespada, P.E.,
(Submitted under NOA No. 04-1117.05)
 - d) **FTL-3908**, dated 10/09/03, **FTL-3909**, dated 09/26/03 and **FTL-3910**, dated 09/30/03, all signed and sealed by Joseph C. Chan, P.E.
(Submitted under NOA No. 04-1117.05)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0128.05
Expiration Date: March 18, 2029
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E.S. Windows, LLC

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C. CALCULATIONS

1. Anchor verification calculations complying with FBC 8th Edition (2023), prepared by Al Farooq Corporation, dated October 15, 2024, signed and sealed by Jalal Farooq, P.E.
2. Glazing complies with **ASTM E1300-09**.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

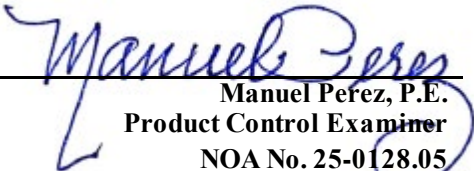
1. Notice of Acceptance No. **24-0205.08** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 03/21/24, expiring on 07/08/29.
2. Notice of Acceptance No. **23-0717.30** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear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

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 8th Edition (2023)**, and of no financial interest, dated October 15, 2024, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Distributor Agreement between ES Windows, LLC Miami, Florida (distributor) and Energia Solar, S.A., Barranquilla, Columbia, S.A. (manufacturer) and E.S. Windows, LLC, dated 03/05/14, signed by Mr. Andres Chamorro (Gen. MGR) and Ms. Clara Garcia (Sales MGR) respectively, on behalf of their companies.
(Submitted under NOA No. 13-1115.03)

G. OTHERS

1. Notice of Acceptance No. **23-0714.11**, issued to E.S. Windows, LLC for their Series 4000 Aluminum Sliding Glass Door w/ Reinforcements - L.M.I., approved on 08/10/23 and expiring on 03/18/29.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 25-0128.05
Expiration Date: March 18, 2029
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DETAILS (D) AND (E)

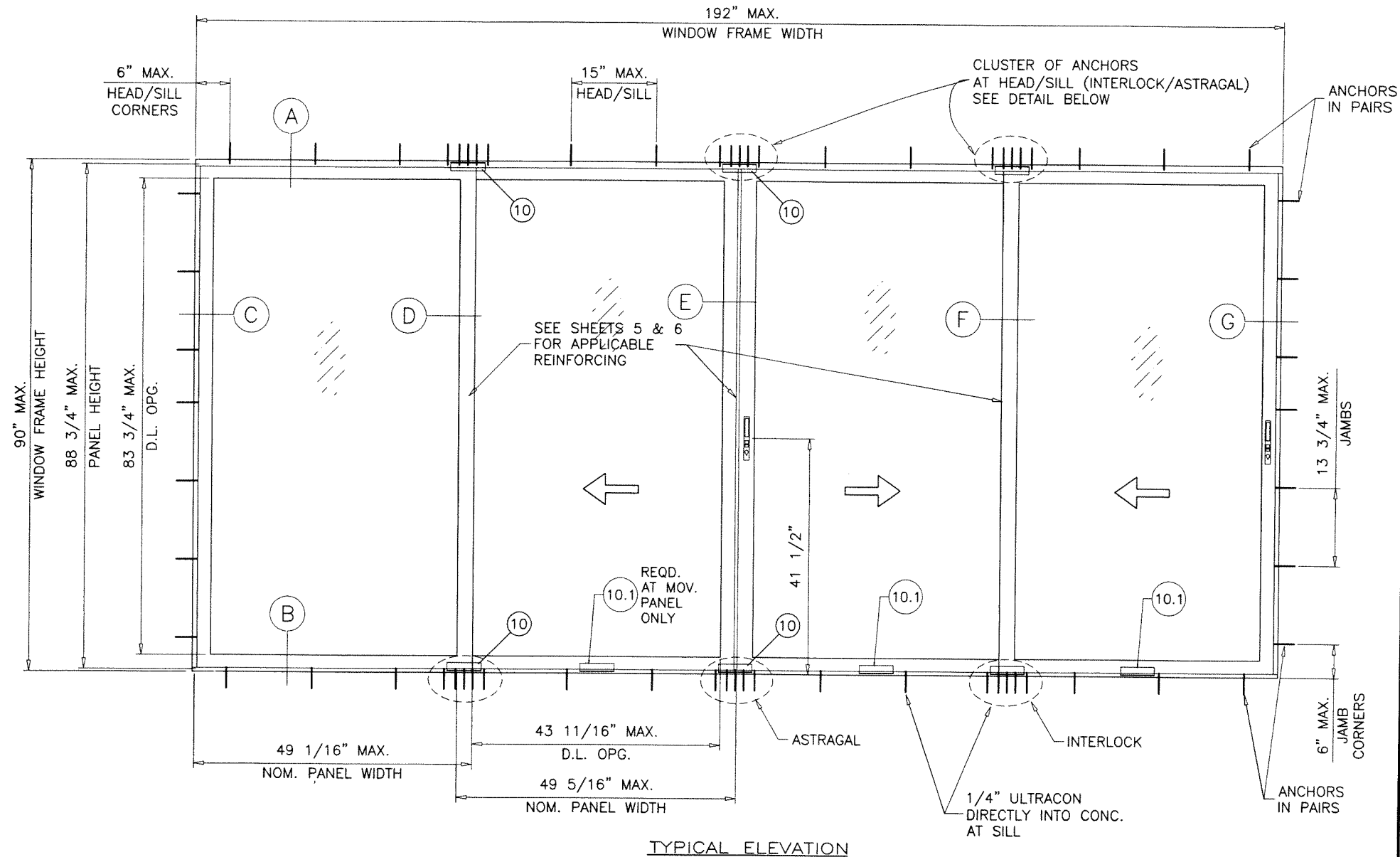
SEE SHEET 6 FOR NO REINFORCING
 SEE SHEET 6 FOR MEDIUM REINFORCING
 SEE SHEET 5 FOR HEAVY REINFORCING

WINDOWS GLAZED WITH LAMINATED GLASS RATED FOR
 LARGE & SMALL MISSILE IMPACT AND REQUIRE NO SHUTTERS.
 VERIFY COMPLIANCE WITH EGRESS LIMITATIONS WHERE REQUIRED.

DAYLITE OPENINGS WIDTHS:
 FIXED/LOCK STILE-INTERLOCK = PANEL WIDTH - 5.375"
 INTERLOCK-ASTRAGAL = PANEL WIDTH - 5.625"

DAYLITE OPENING HEIGHT:
 PANEL HEIGHT - 5.00"

PANEL HEIGHT = WINDOW FRAME HEIGHT - 1.250"



TYPICAL ELEVATION

SERIES-4000 ALUMINUM SLIDING GLASS WINDOW

DESIGN LOAD RATING FOR WINDOWS TO BE AS PER CHARTS SHOWN
 AND APPROVED CONFIGURATIONS ON SHEETS 2 AND 3.

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.

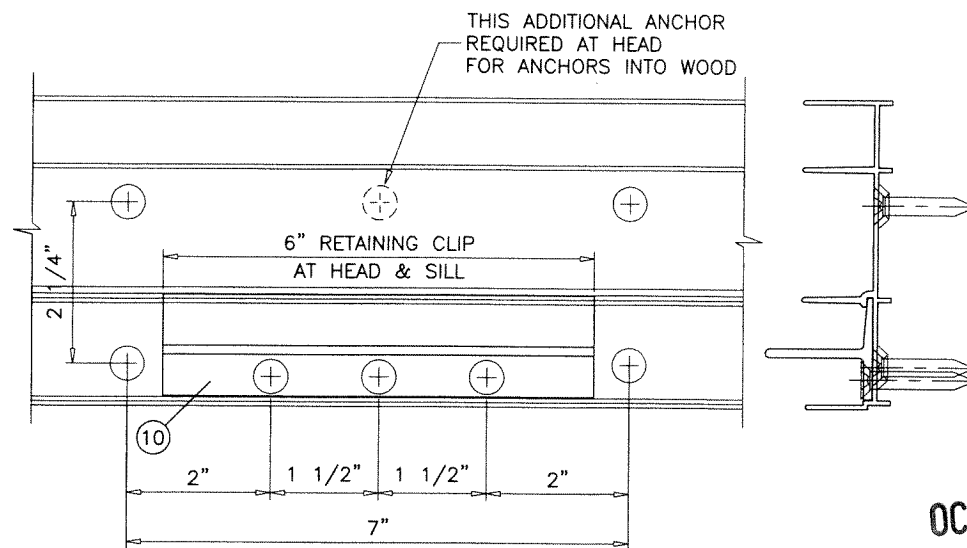
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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.

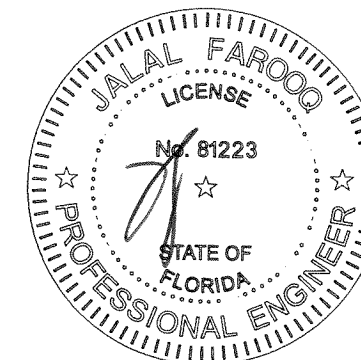
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.



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

OCT 23 2024

PRODUCT APPROVED
 As complying with the Florida
 Building Code
 NOA-No. **25-0128.05**
 Approval Date: **02/20/2025**
 By: *Manuel Ferrer*
 Miami-Dade Product Control



af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 262-6978 FAX. (305) 262-6978
 COMP-ANL\24-75DES

SERIES-4000 ALUMINUM SLIDING GLASS WDW. (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

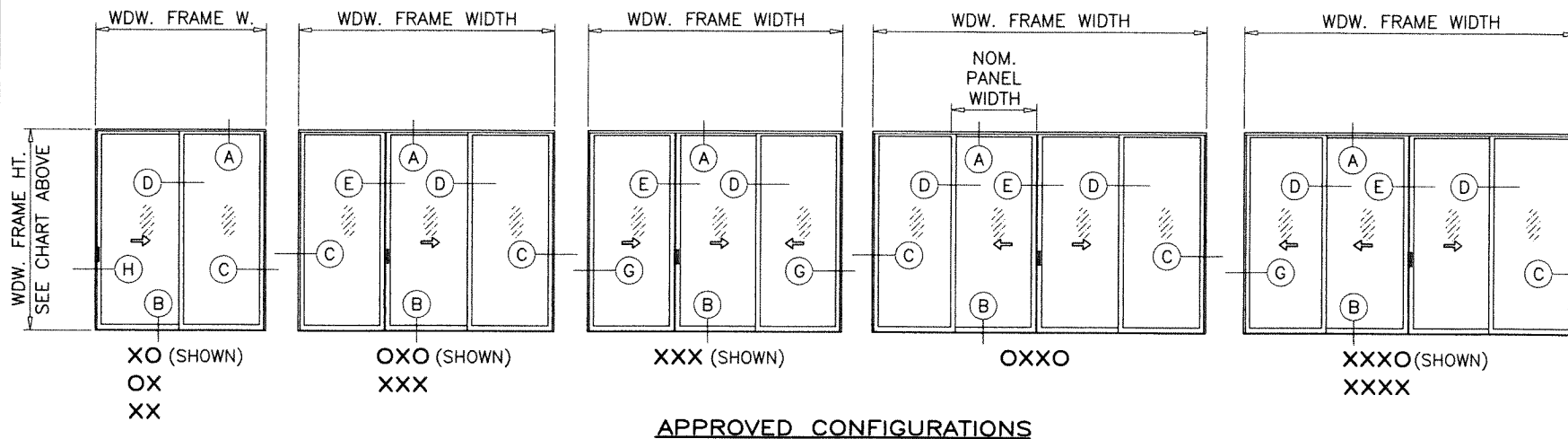
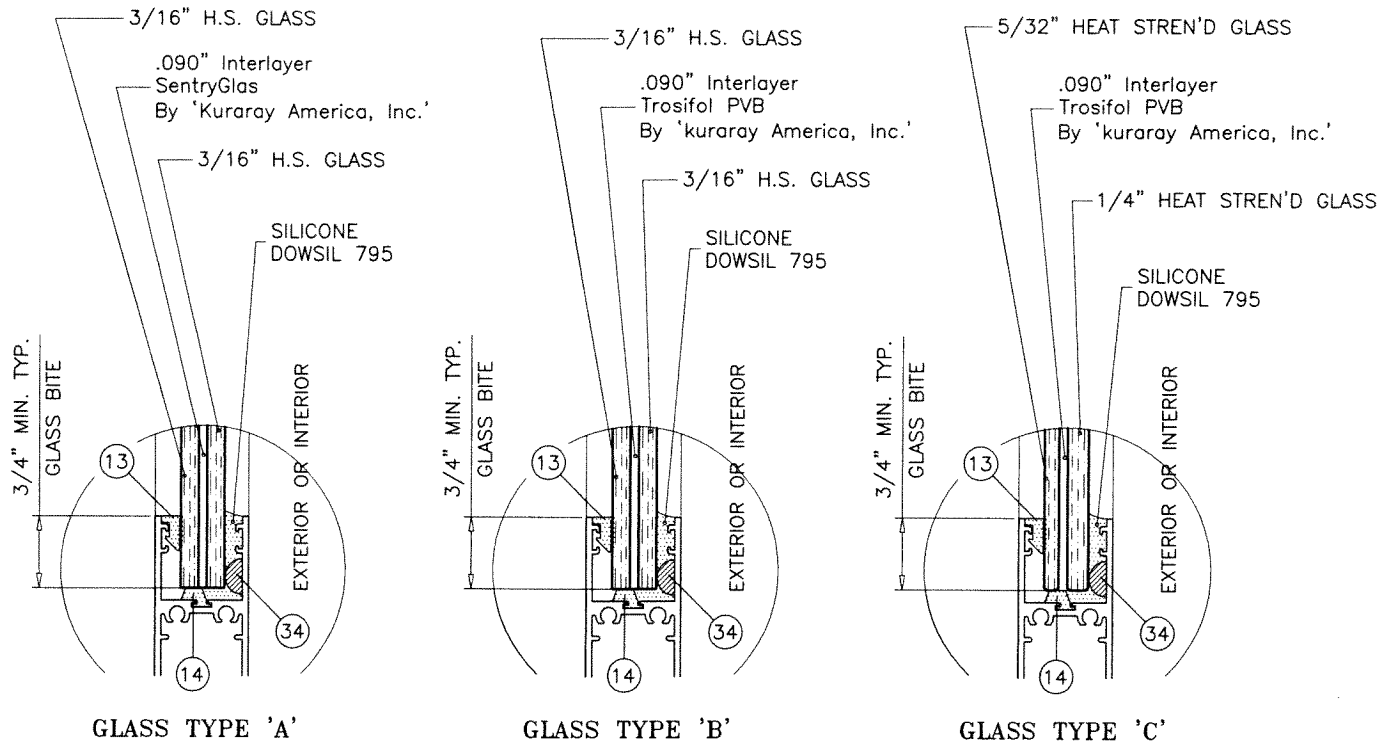
no	date	by	description

date: 10-16-24
 scale: 1/2"=1'-0"
 dr. by: TARIQ
 chk. by:
 drawing no. **24-75D**
 sheet 1 of 7

SEE SHEET 3 FOR OX, XO OR XX WINDOWS WITH HEAVY REINFORCING

DESIGN LOAD CAPACITY - PSF (ALL CONFIGURATIONS SHOWN ON THIS SHEET) GLASS TYPES 'A', 'B' OR 'C'							
NOMINAL PANEL WIDTH INCHES	WDW. FRAME HEIGHT INCHES	NO REINFOR'G		MEDIUM REINFOR'G		HEAVY REINFOR'G	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
30	81 1/4	70.0	80.0	70.0	80.0	70.0	80.0
36		70.0	80.0	70.0	80.0	70.0	80.0
42		-	-	70.0	80.0	70.0	80.0
48		-	-	-	-	70.0	80.0
54		-	-	-	-	70.0	71.1
30	90	-	-	70.0	80.0	70.0	80.0
36		-	-	70.0	80.0	70.0	80.0
42		-	-	-	-	70.0	80.0
48		-	-	-	-	70.0	80.0

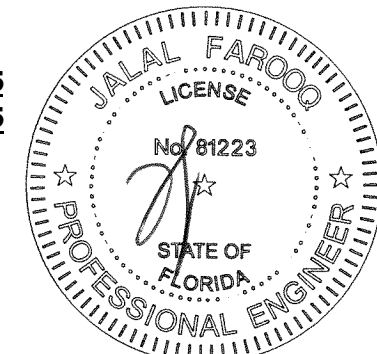
$$\text{NOMINAL PANEL WIDTH} = \frac{\text{WINDOW FRAME WIDTH}}{\text{NUMBER OF PANELS}}$$



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

PRODUCT APPROVED
As complying with the Florida
Building Code
NOA-No. **25-0128.05**
Approval Date: **02/20/2025**
By: *Manuel Perez*
Miami-Dade Product Control

OCT 23 2024



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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 262-6978 FAX. (305) 262-6978
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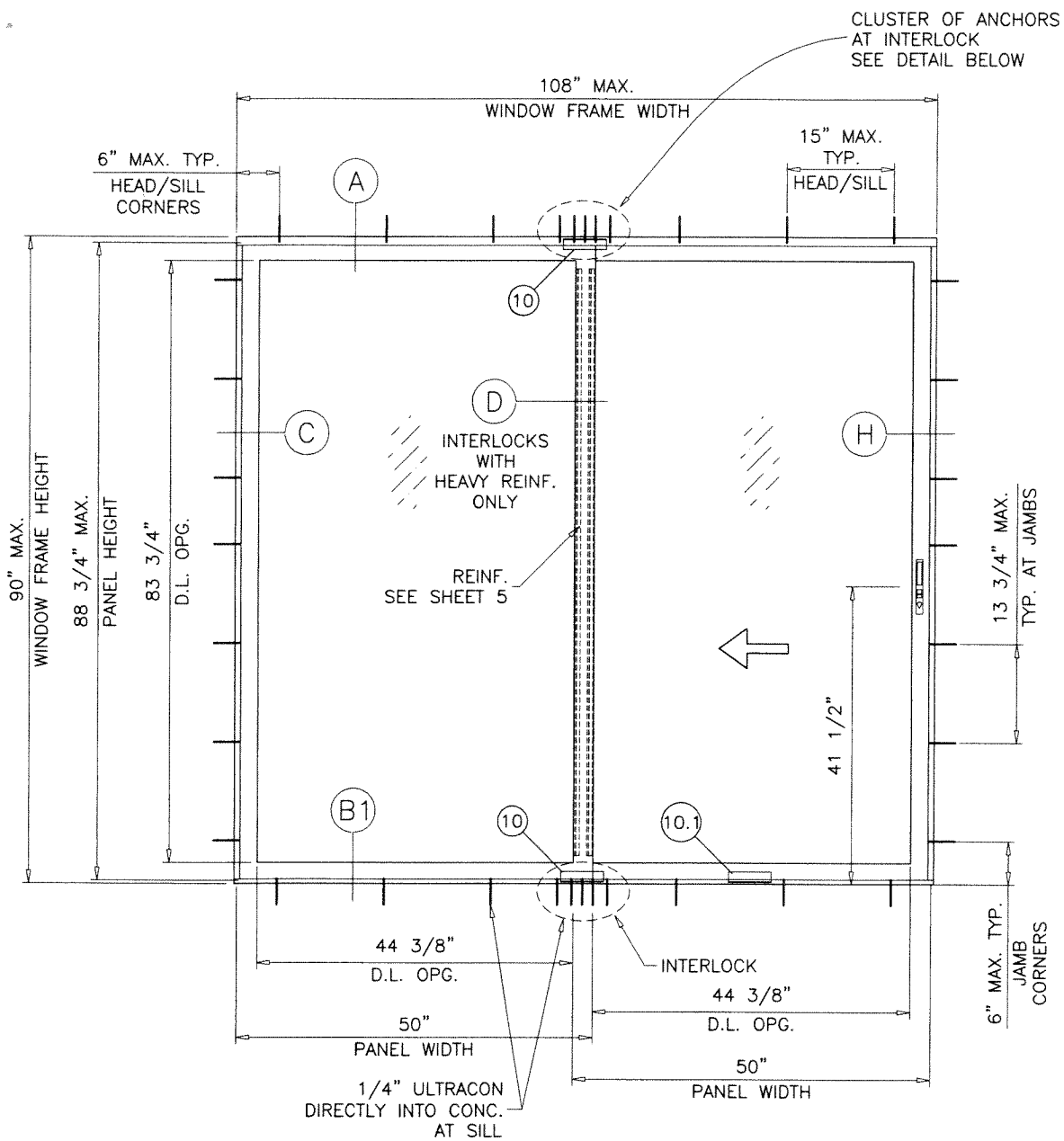
SERIES-4000 ALUMINUM SLIDING GLASS WDW. (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

no	date	by description

date: 10-16-24
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

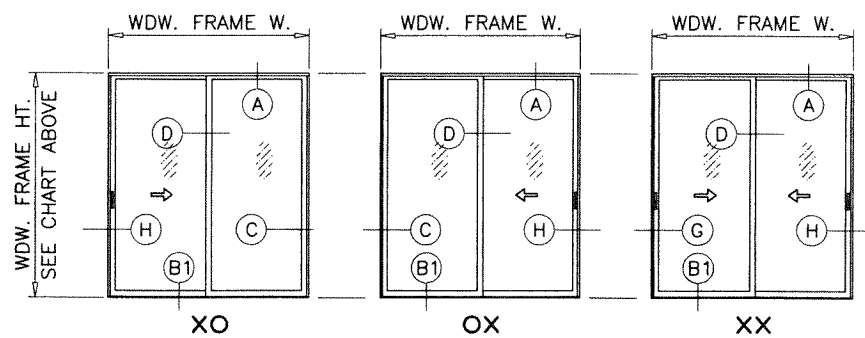
drawing no.
24-75D
sheet 2 of 7

COMP-ANL\24-75DES



TYPICAL ELEVATION (OX) (SHOWN)

THIS SIZE TO HAVE HEAVY REINFORCING AT INTERLOCKS (SEE SHEET 5)



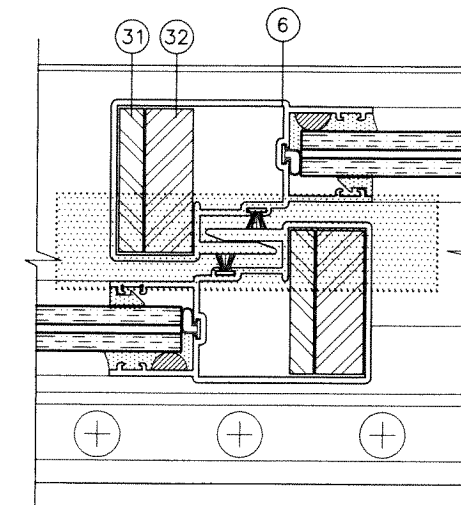
APPROVED CONFIGURATIONS

DESIGN LOAD CAPACITY - PSF (OX, XO OR XX ONLY) HEAVY REINF'G (SEE DETAIL SHEET 5)					
NOMINAL PANEL WIDTH INCHES	WDW. FRAME HEIGHT INCHES	GLASS TYPE 'A'		GLASS TYPE 'B'	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
30	81 1/4	80.0	103.0	80.0	103.0
36		80.0	103.0	80.0	103.0
42		80.0	88.3	80.0	88.3
45		64.0	82.4	85.0	85.0
48		80.0	70.0	85.0	85.0
54		72.6	63.5	77.1	77.1
30	90	80.0	103.0	80.0	103.0
36		80.0	103.0	80.0	103.0
42		80.0	70.0	85.0	85.0
45		80.0	70.0	85.0	85.0
48		80.0	70.0	85.0	85.0
54		72.0	63.5	77.1	77.1

FOR 'XX' WINDOWS LIMIT EXTERIOR LOADS TO +80.0 PSF

$$\text{NOMINAL PANEL WIDTH} = \frac{\text{WINDOW FRAME WIDTH}}{\text{NUMBER OF PANELS}}$$

THE SHOWN EXT. (+) LOADS REQUIRE
3-1/4" SILL HEIGHT (DTL. B1 ON SHEET 4).
REDUCE EXT.(+) LOAD CAPACITY TO
+70.0 PSF IF 2-1/2" SILL HEIGHT IS USED
INT.(-) LOADS REMAIN UNCHANGED.

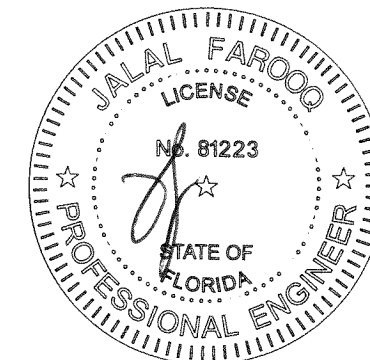


HEAVY REINFORCING
AT EXTERIOR/INTERIOR INTERLOCK

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

PRODUCT APPROVED
As complying with the Florida
Building Code
NOA-No. **25-0128.05**
Approval Date: **02/20/2025**
By: *Manuel Torres*
Miami-Dade Product Control

OCT 23 2024



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\24-75DES

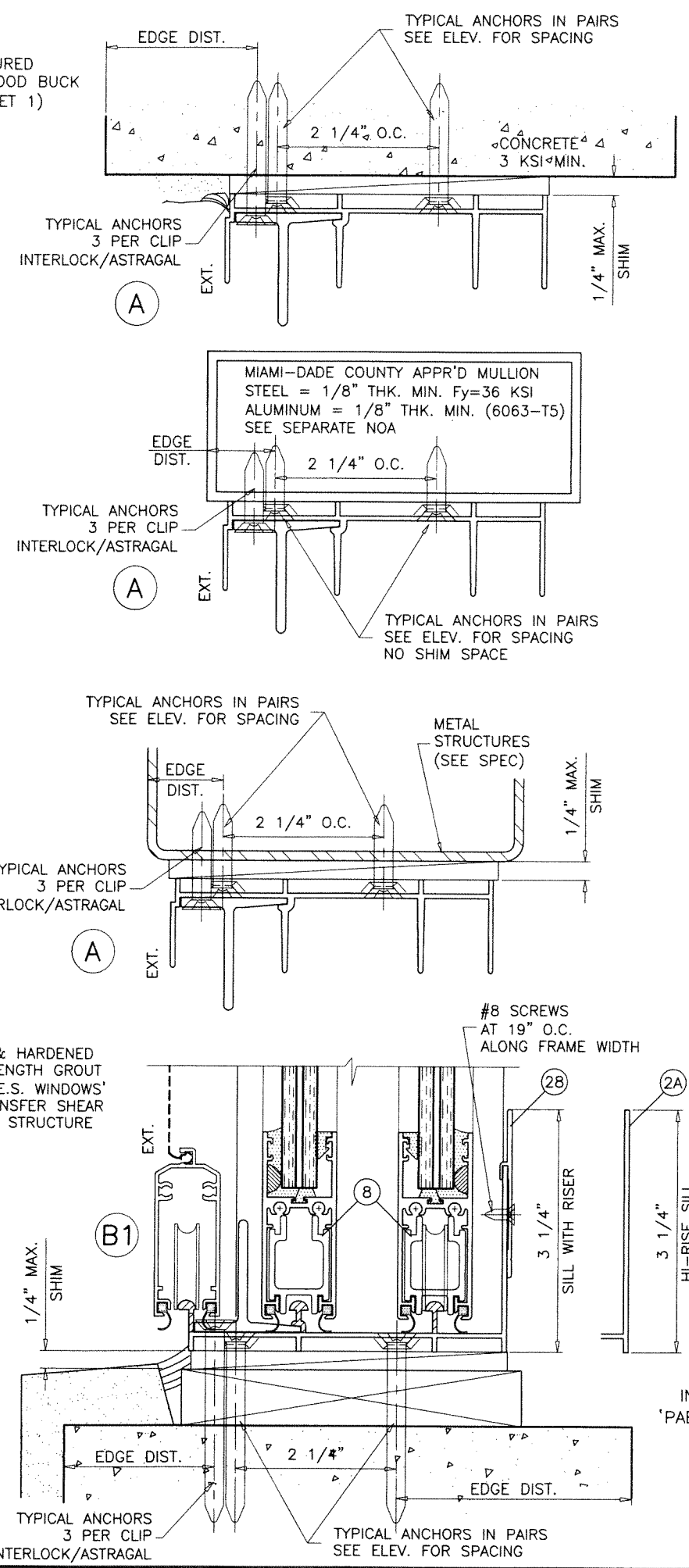
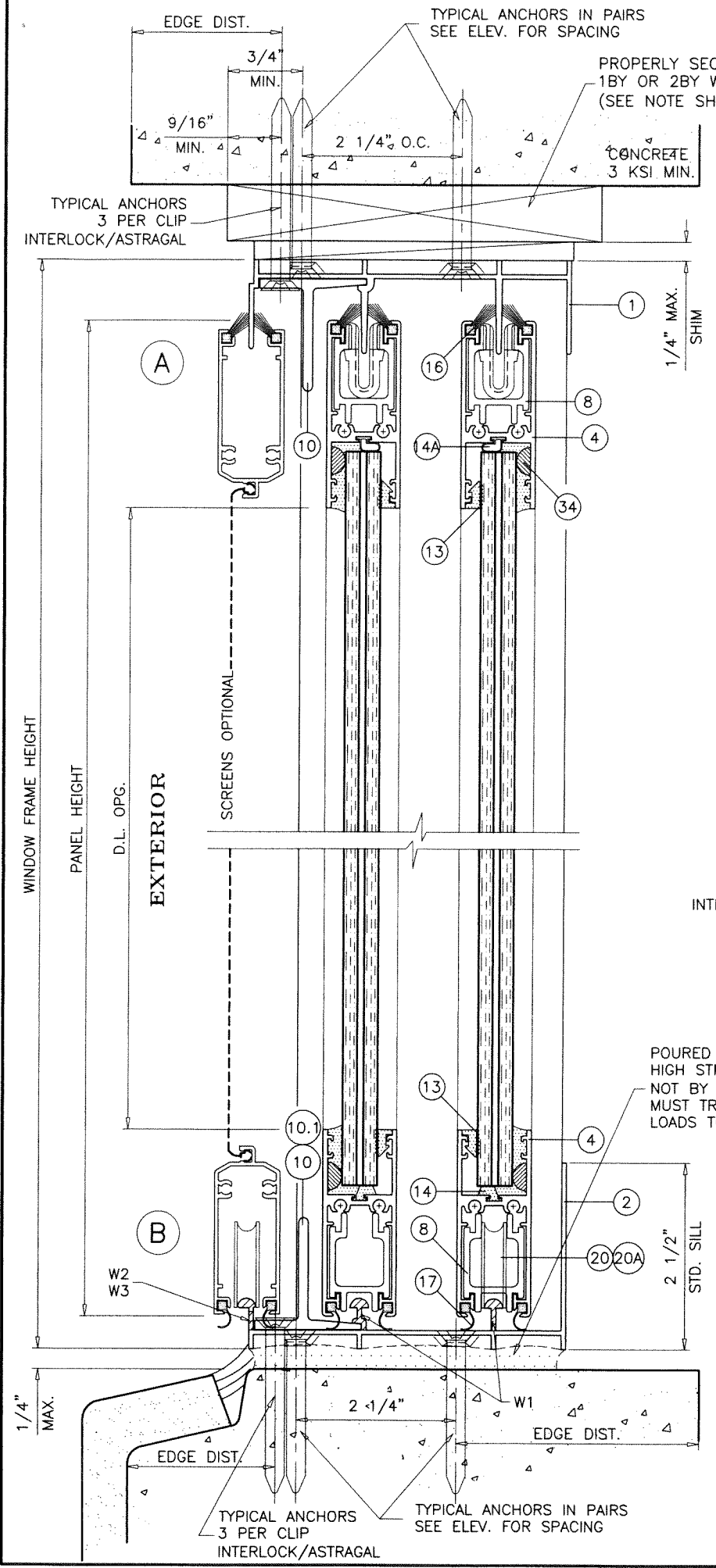
SERIES-4000 ALUMINUM SLIDING GLASS WDW. (L.M.I.)
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3550 N.W. 49 STREET
MIAMI, FL. 33142
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chk. by:

drawing no.
24-75D

sheet 3 of 7



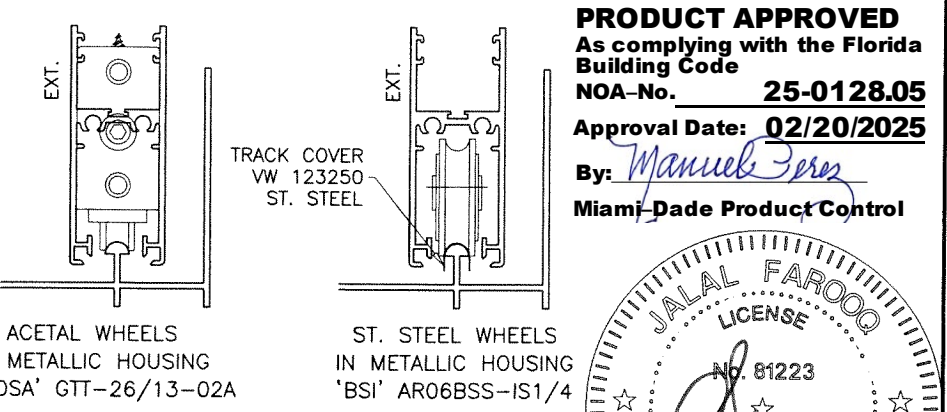
1X OR 2X WOOD BUCKS AND METAL STRUCTURE NOT BY 'E.S. WINDOWS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
 DIRECTLY INTO CONCRETE OR BLOCKS
 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO 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. PENETRATION BEYOND SUBSTRATE
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

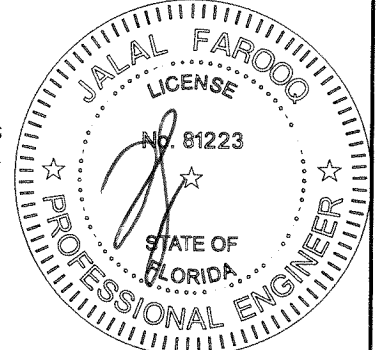
TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 3/4" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.
 WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

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

WEEPHOLES:
 W1 = 1-3/4" WEEP NOTCH AT EACH END
 W2 = 3/4" WEEP NOTCH AT EACH END
 W3 = 3" X 1/4" WEEP HOLES AT 2" FROM EACH END



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 By: *Manuel Fern*
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OCT 23 2024

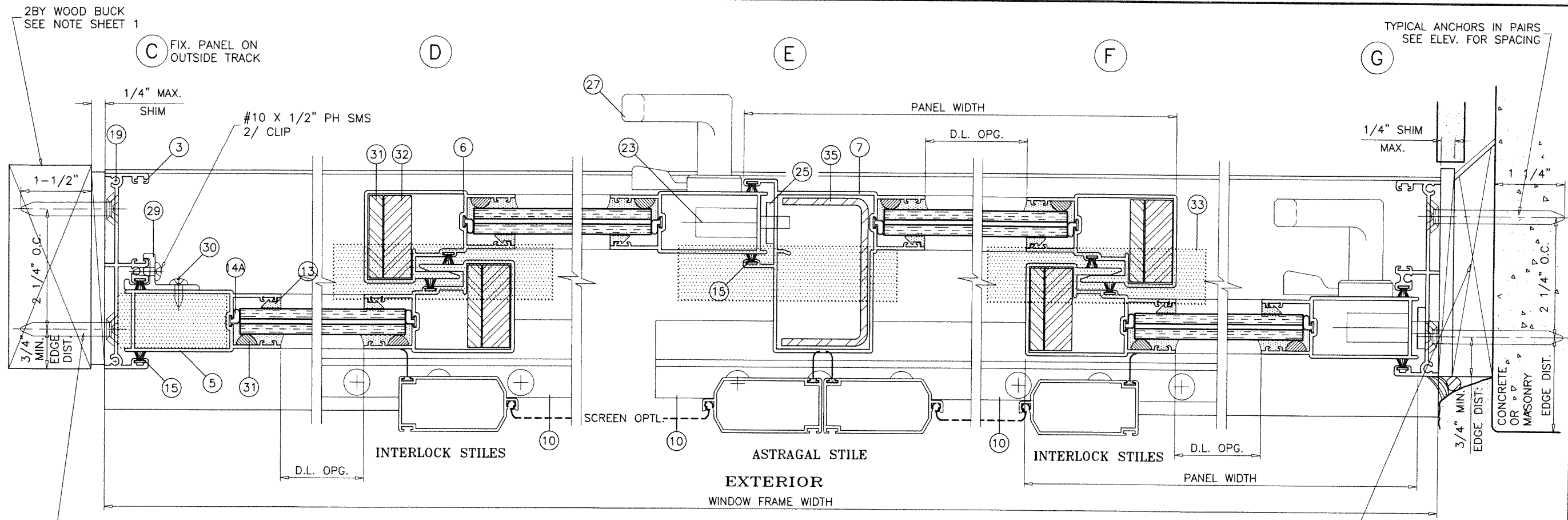
af c
AL-FAROOQ CORPORATION
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 COMP-ANL 24-75DES

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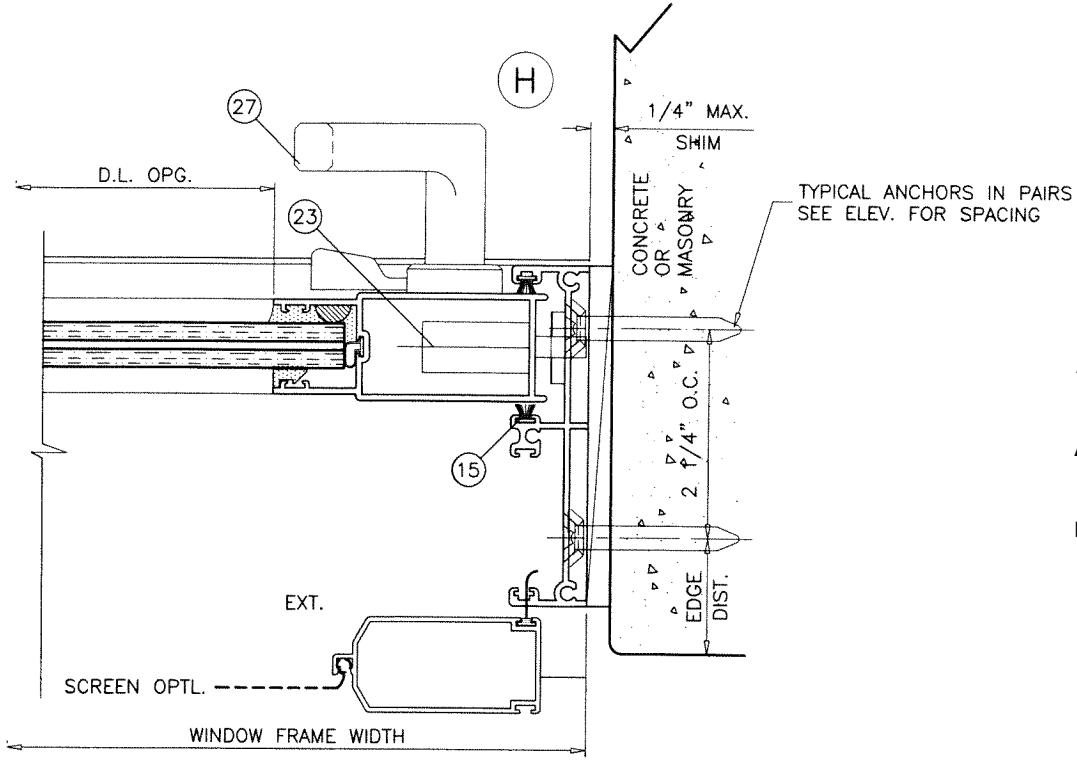
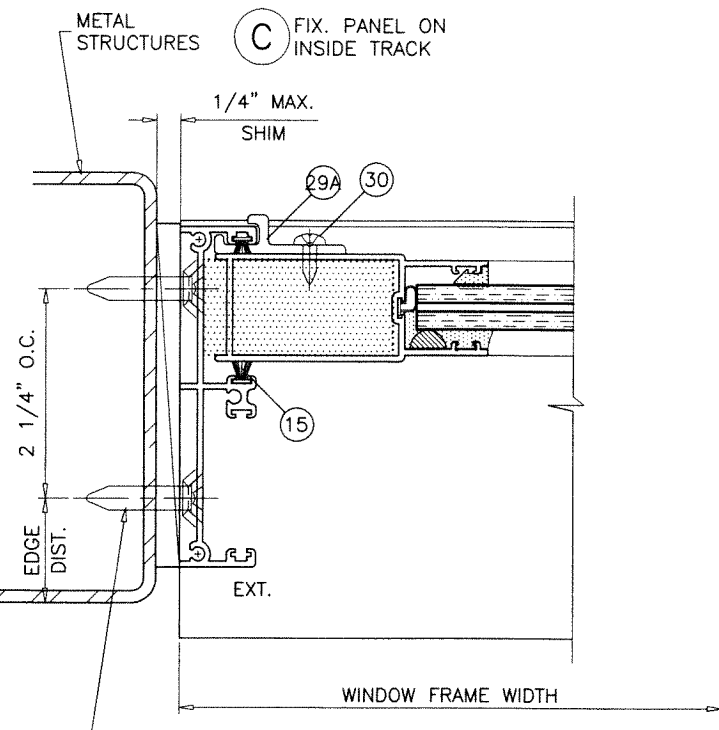
revisions:	no	date	by	description

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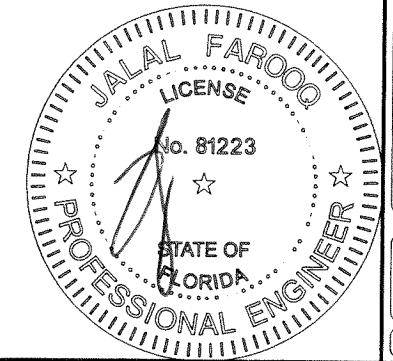
drawing no.
24-75D
 sheet 4 of 7



**HEAVY REINFORCING
AT EXTERIOR/INTERIOR INTERLOCK & ASTRAGAL STILES**



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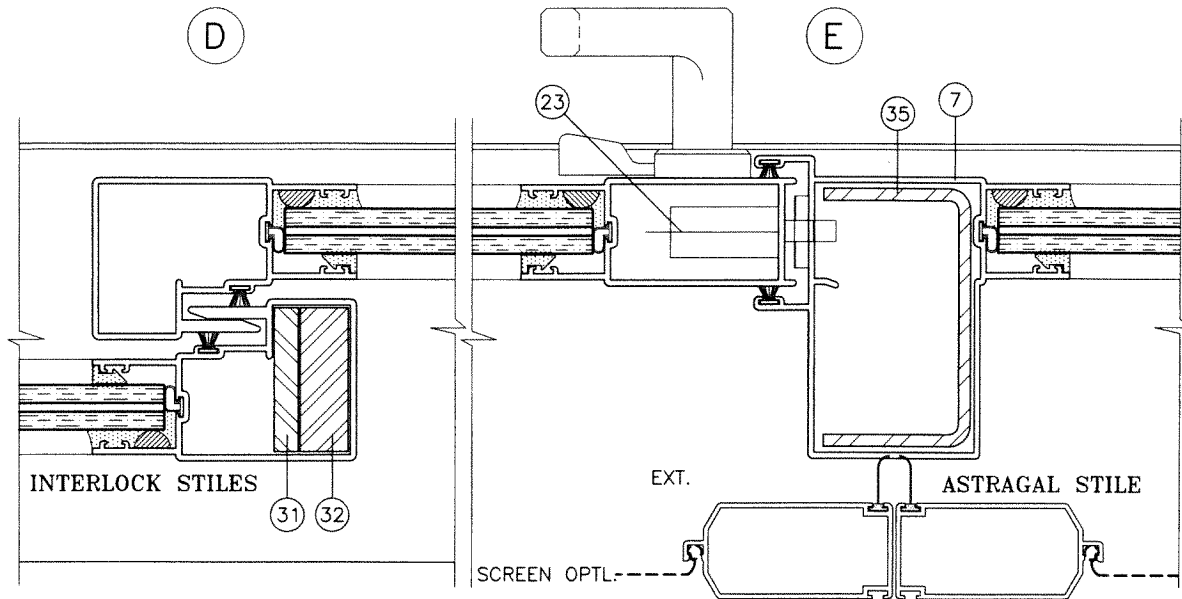
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ENGINEERS & PRODUCT DEVELOPMENT
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MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

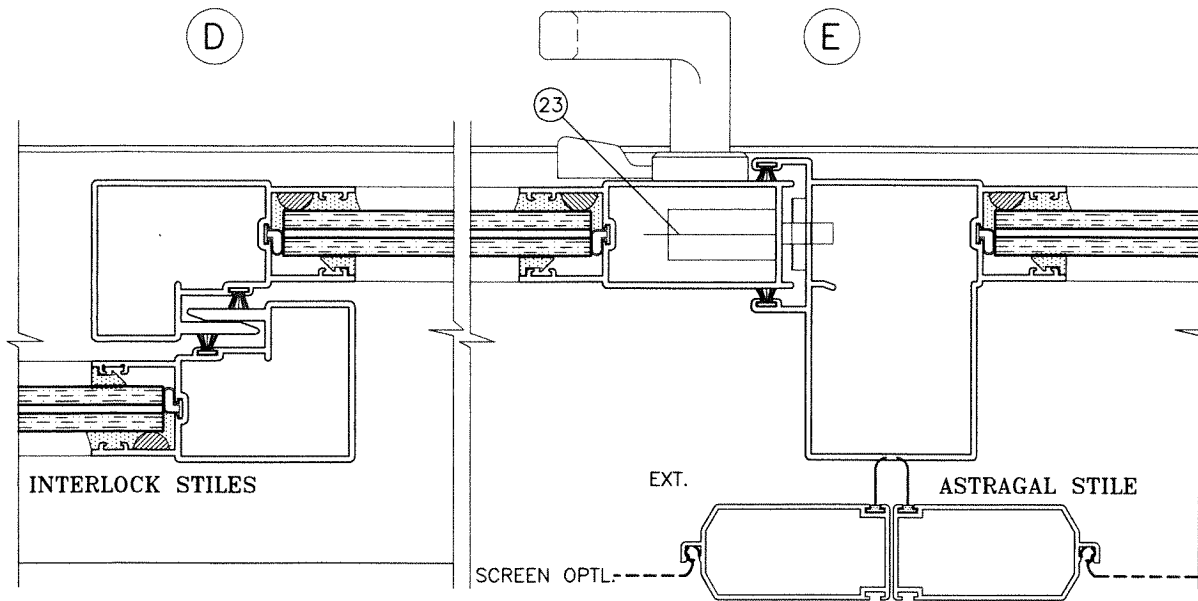
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dr. by:	TARIQ	chk. by:		
drawing no.	24-75D			
sheet	5 of 7			

COMP-ANL 24-75DES

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./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	AT MTG. RAIL HEAD & SILL ENDS
10.1	ES-4010	1/ PANEL	MOV. PANEL RETAINER CLIP, 6" LONG	6063-T6	AT MID WIDTH OF MOVING PANELS AT SILL
13	27-445	AS REQD.	GLAZING WEDGE GASKET	EPDM	DUROMETER 75±5 SHORE A, SOLUCIONES EN CAUCHO
14	27-448	AS REQD.	BOTTOM RAIL GLASS STOP	EPDM	DUROMETER 68±5 SHORE A, SOLUCIONES EN CAUCHO
14A	27-449	AS REQD.	TOP RAIL & STILES GLASS STOP	EPDM	DUROMETER 75±5 SHORE A, SOLUCIONES EN CAUCHO
15	W23241NK	AS REQD.	STILE & JAMB W'STRIPPING	-	GLASS PANELS, ULTRAFAB
16	Q26647DK	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	-	-
20	GTT-26/13-02A	2/ MOV. PANEL	TANDEM ACETAL WHEELS IN METALLIC HOUSING	-	PABOSA
20A	AR06BSS-ISI/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	-	#6-32 X 1/2" FH MS, ST. STEEL
25	537	1/ LOCK	LOCK STRIKE PLATE	PLATED STEEL	-
26	#10 PH SMS	2/ LOCK	STRIKE PLATE MOUNT. SCREW	-	NOT SHOWN
27	#623Z	1/ LOCK	INTERIOR AND EXTERIOR PULL	-	(3) #6-32 X 1/2" FH MS, ST. STEEL
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 DOORS
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"

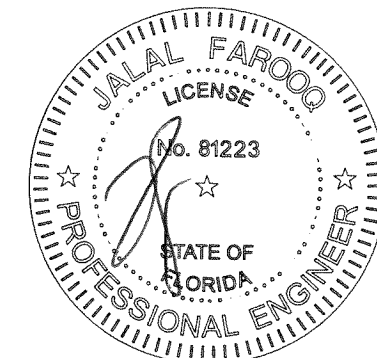


MEDIUM REINFORCING
AT EXT. INTERLOCK & ASTRAGAL STILES



NO REINFORCING

PRODUCT APPROVED
As complying with the Florida Building Code
NOA-No. **25-0128.05**
Approval Date: **02/20/2025**
By: *Manuel Ferrer*
Miami-Dade Product Control

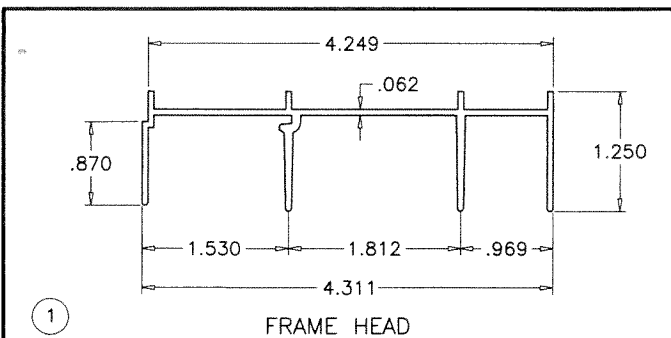


OCT 23 2024

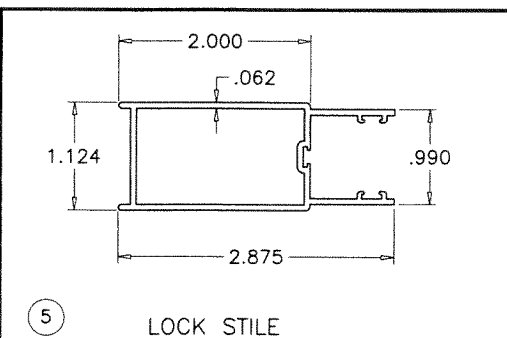
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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FAX. (305) 262-6978
COMP-ANL 24-75DES

SERIES-4000 ALUMINUM SLIDING GLASS WDW. (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

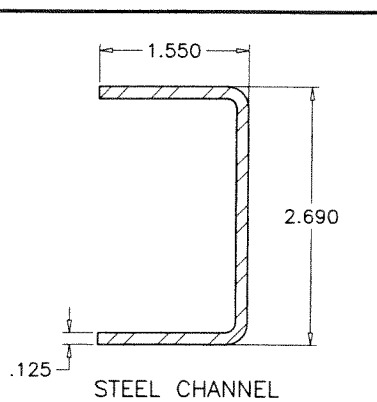
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sheet	6 of 7			



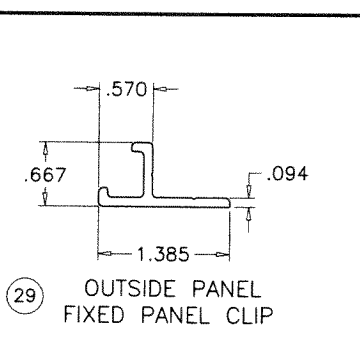
1 FRAME HEAD



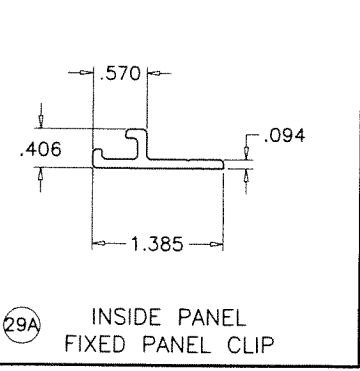
5 LOCK STILE



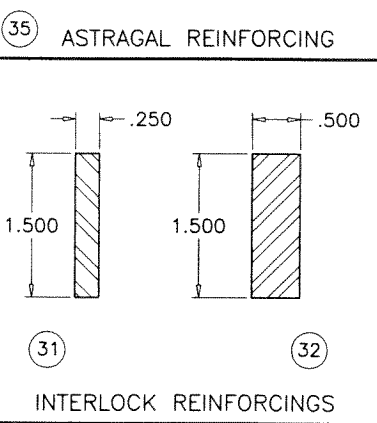
STEEL CHANNEL



29 OUTSIDE PANEL FIXED PANEL CLIP



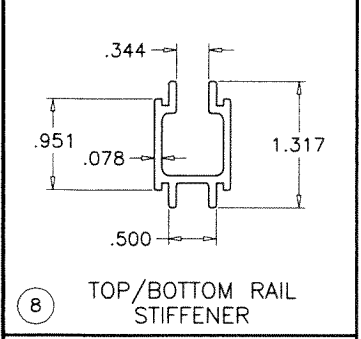
29A INSIDE PANEL FIXED PANEL CLIP



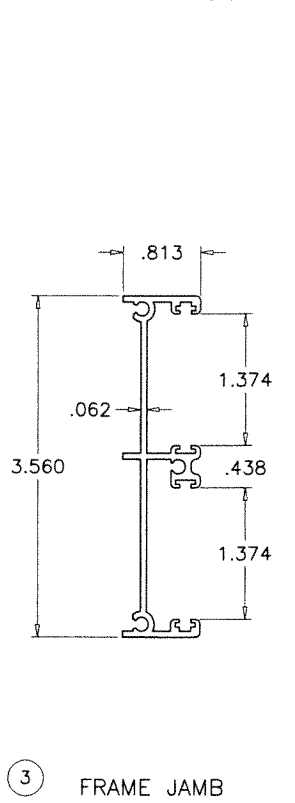
35 ASTRAGAL REINFORCING



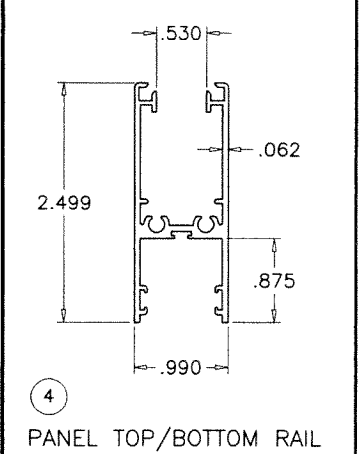
31 32 INTERLOCK REINFORCINGS



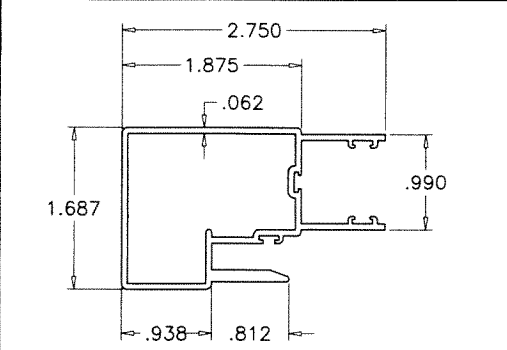
8 TOP/BOTTOM RAIL STIFFENER



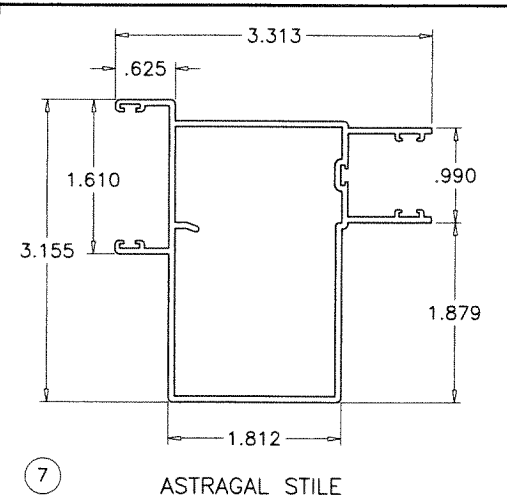
3 FRAME JAMB



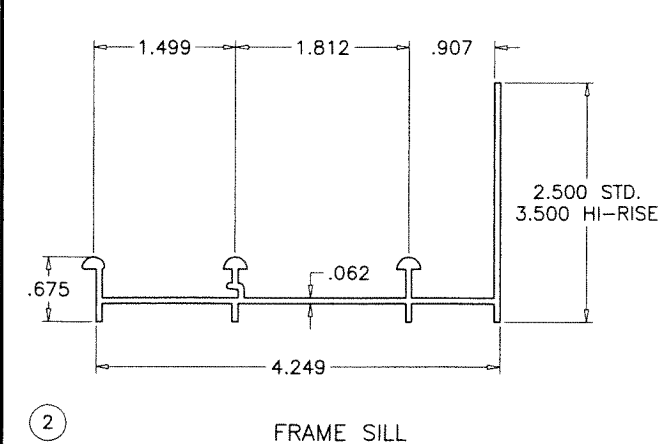
4 PANEL TOP/BOTTOM RAIL



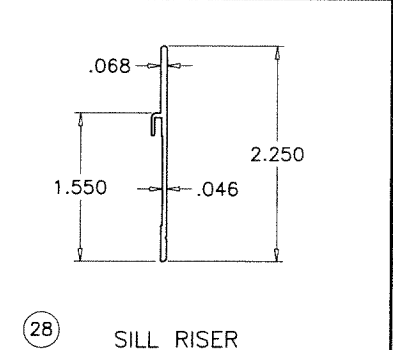
6 INTERLOCK STILE



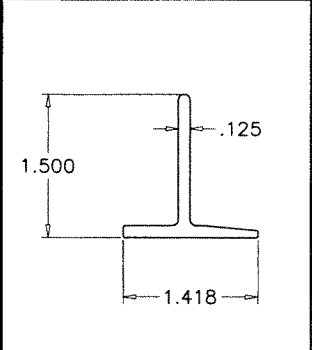
7 ASTRAGAL STILE



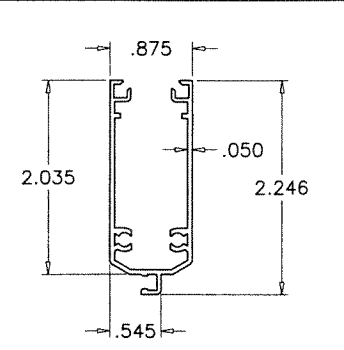
2 FRAME SILL



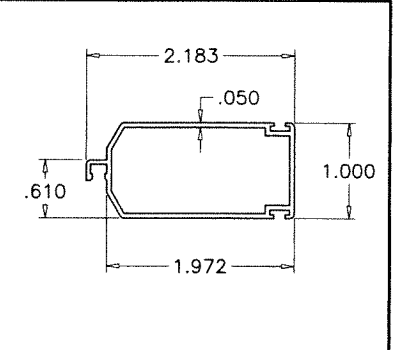
28 SILL RISER



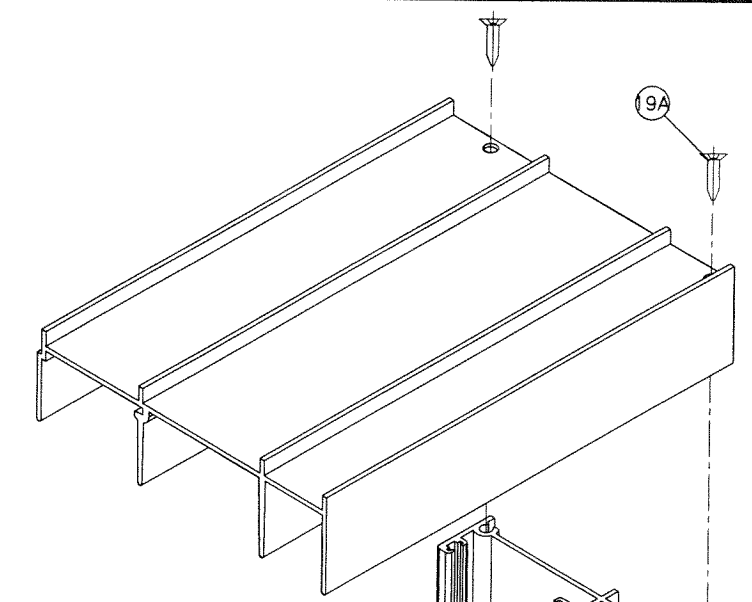
10 10.1 RETAINER CLIP



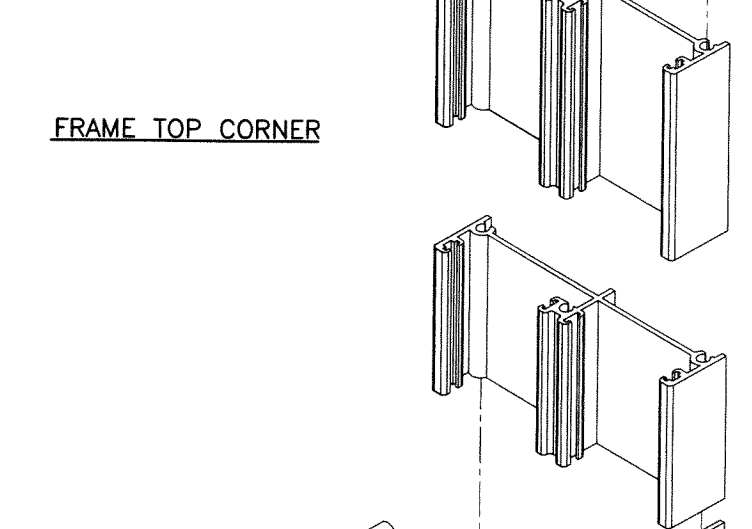
SCREEN TOP/BOTTOM RAIL



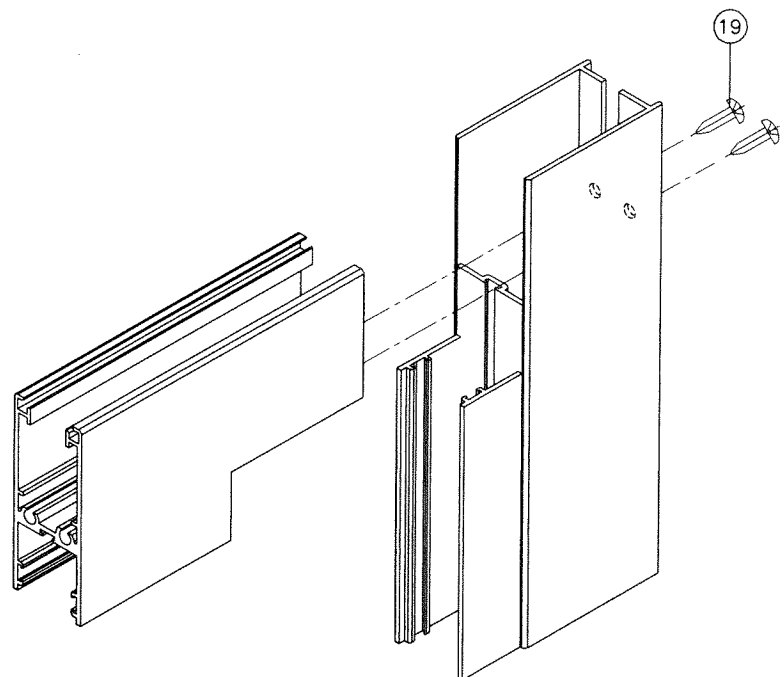
SCREEN STILE



FRAME TOP CORNER

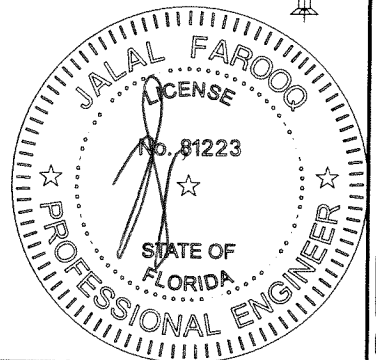


FRAME BOTTOM CORNER



PANEL CORNER

PRODUCT APPROVED
 As complying with the Florida Building Code
 NOA-No. **25-0128.05** OCT 23 2024
 Approval Date: **02/20/2025**
 By: *Manuel Perez*
 Miami-Dade Product Control



af c
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 sheet 7 of 7