

Labrador & Fundora Corp dba V & V Windows 14150 N.W. 56th Court Opa-Locka, FL 33054

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 "S-3000" Aluminum Sliding Glass Doors-LMI.

APPROVAL DOCUMENT: Drawing No. **W19-115D Rev B**, titled "Series S-3000 Alum Sliding Glass Doors (LMI)", sheets 1 through 13 of 13, prepared by Al-Farooq Corporation, dated 10/25/19 and last revised Jun 13, 2023, 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. Pocket wall under separate approval, 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", 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** # **21-0601.01** 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 Ishaq I. Chanda, P.E.



Ishag 1. Chandes

NOA No. 23-0620.12 Expiration Date: September 02, 2026 Approval Date: July 06, 2023 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections (submitted under files See below)
- 2. Drawing No. **W19-115D Rev A**, titled "Series S-3000 Alum Sliding Glass Doors (LMI)", sheets 1 through 13 of 13, prepared by Al-Farooq Corporation, dated 10/25/19 and last revised 08/13/21, signed and sealed by Jalal Farooq, P.E.

B. TESTS

- 1. Test reports on1) 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, TAS 202-94

Along with installation diagrams of Aluminum SGD OXXX, OXO & OX, prepared by Fenestration Testing Lab. Inc., Test reports # **FTL 10698** dated 04/22/21 signed and sealed by Idalmis Ortega, P.E

C. CALCULATIONS

- Anchor verification calculations and structural analysis, complying with FBC-2020(7th Edition), prepared by Al Farooq Corporation, dated 05/28/21 and last revised on August 13, 2021, signed and sealed by Jalal Farooq, P.E.
- 2. Glazing complies w/ ASTME-1300-09 &-16.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **21-0216.01** issued to Eastman Chemical Company (MA) former Solutia Inc. for their "Saflex Clear or colored interlayer", expiring on 05/21/26.

F. STATEMENTS

- 1. Statement letter of conformance to FBC 2020 (7th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 05/28/21, signed and sealed by Jalal Farooq, P.E.
- 2. Lab compliance as part of the above referenced test report.
- 3. Asset purchase agreement dated July 28, 2009, signed by Mr. David Labrador and Mr. Candido D. Vega. *(Submitted under previous NOA No. 10–0406.04)*
- 4. Florida Department of State, Div of Corporation, active listing of Labrador & Foundora Corporation, dated 08/31/2015 and renewal dated 01/08/2020.
- 5. Florida Department of State, active fictitious name listing of V& V Windows, dated 08/31/15.
- G. OTHER

1. None.

Ishag 1. Chanda

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 23-0620.12 Expiration Date: September 02, 2026 Approval Date: July 06, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

 Drawing No. W19-115D Rev B, titled "Series S-3000 Alum Sliding Glass Doors (LMI)", sheets 1 through 13 of 13, prepared by Al-Farooq Corporation, dated 10/25/19 and last revised Jun 13, 2023, signed and sealed by Jalal Farooq, P.E.

Note: This revision consists of FBC 2023 (8th Edition) only.

- **B. TESTS** (submitted under previous approval)
 - 1. None.
- C. CALCULATIONS (submitted under previous approval) 1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **21-0216.01** issued to Eastman Chemical Company (MA) former Solutia Inc. for their "Saflex Clear or colored interlayer", expiring on 05/21/26.
- **F. STATEMENTS** (items #2 thru #4, submitted under previous approval)
 - 1. Statement letter of conformance to FBC 2020 (7th Edition) and FBC 2023 (8th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 06/14/23, signed and sealed by Jalal Farooq, P.E.
 - 2. Asset purchase agreement dated July 28, 2009, signed by Mr. David Labrador and Mr. Candido D. Vega. *(Submitted under previous NOA No. 10–0406.04)*
 - 3. Florida Department of State, Div of Corporation, active listing of Labrador & Foundora Corporation, dated 08/31/2015 and renewal dated 01/08/2020.
 - 4. Florida Department of State, active fictitious name listing of V& V Windows, dated 08/31/15.

G. OTHER

1. This NOA revises # 21-0601.01, expiring 09/02/2026.

Ishag 1. Chandes

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 23-0620.12 Expiration Date: September 02, 2026 Approval Date: July 06, 2023

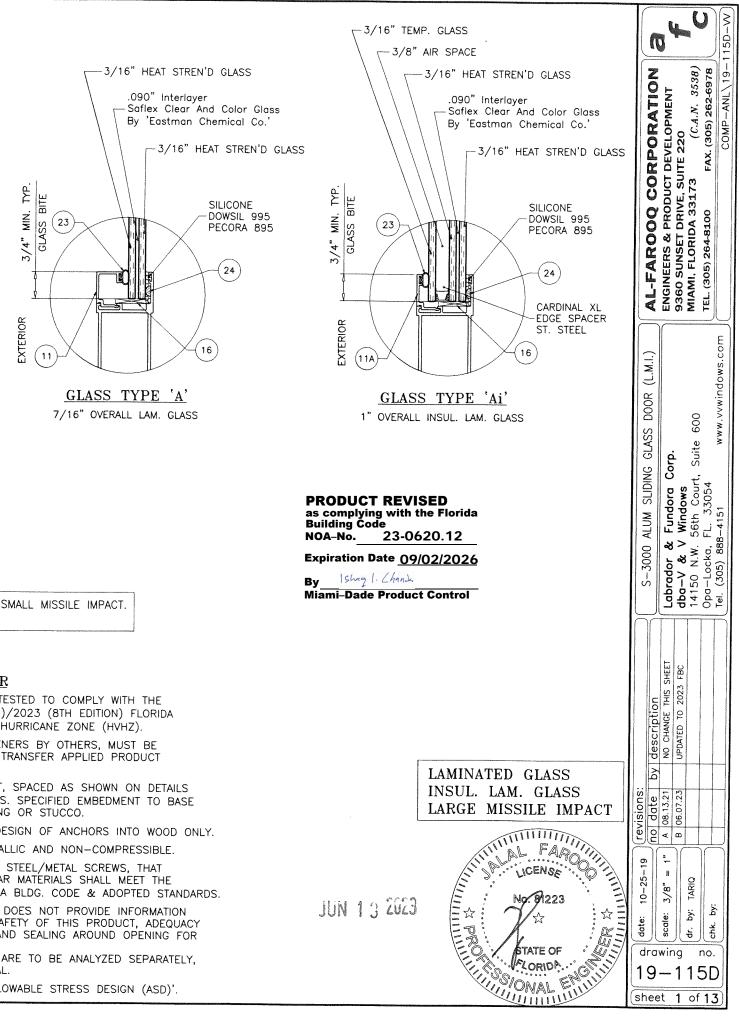
DESIGN LOAD CAPACITY - PSF						
AVERAGE PANEL WIDTH	DOOR FRAME HEIGHT	GLASS TYPES 'A' & 'Ai'				
INCHES	INCHES	EXT.(+)	INT.(-)			
30		60.0	60.0			
36	84	60.0	60.0			
42		60.0	60.0			
48		60.0	60.0			
54		60.0	60.0			
60		55.7	55.7			
30	90	60.0	60.0			
36		60.0	60.0			
42		60.0	60.0			
48		60.0	60.0			
54		60.0	60.0			
30		60.0	60.0			
36	96	60.0	60.0			
42	90	60.0	60.0			
48		60.0	60.0			
30		60.0	60.0			
36		60.0	60.0			
42	102	60.0	60.0			
48		60.0	60.0			
30	108	60.0	60.0			
36		60.0	60.0			
42		60.0	60.0			
48		60.0	60.0			
47-3/4	108	60.0	60.0 *			

DOOR FRAME WIDTH AVERAGE PANEL WIDTH = NUMBER OF PANELS

FOR 4 PANEL DOORS ONLY

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

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



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

SERIES-3000

ALUMINUM SLIDING GLASS DOOR

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.

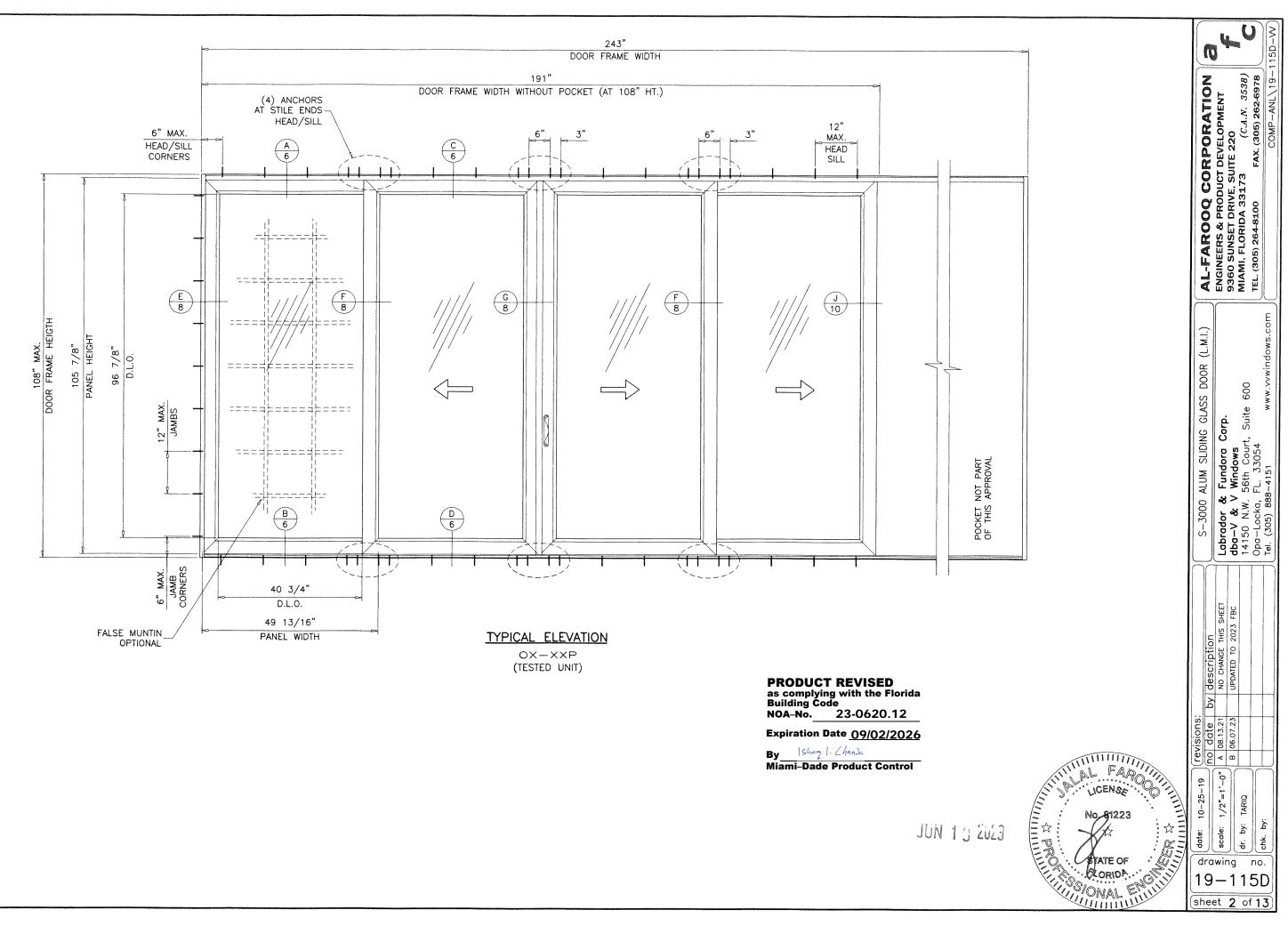
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

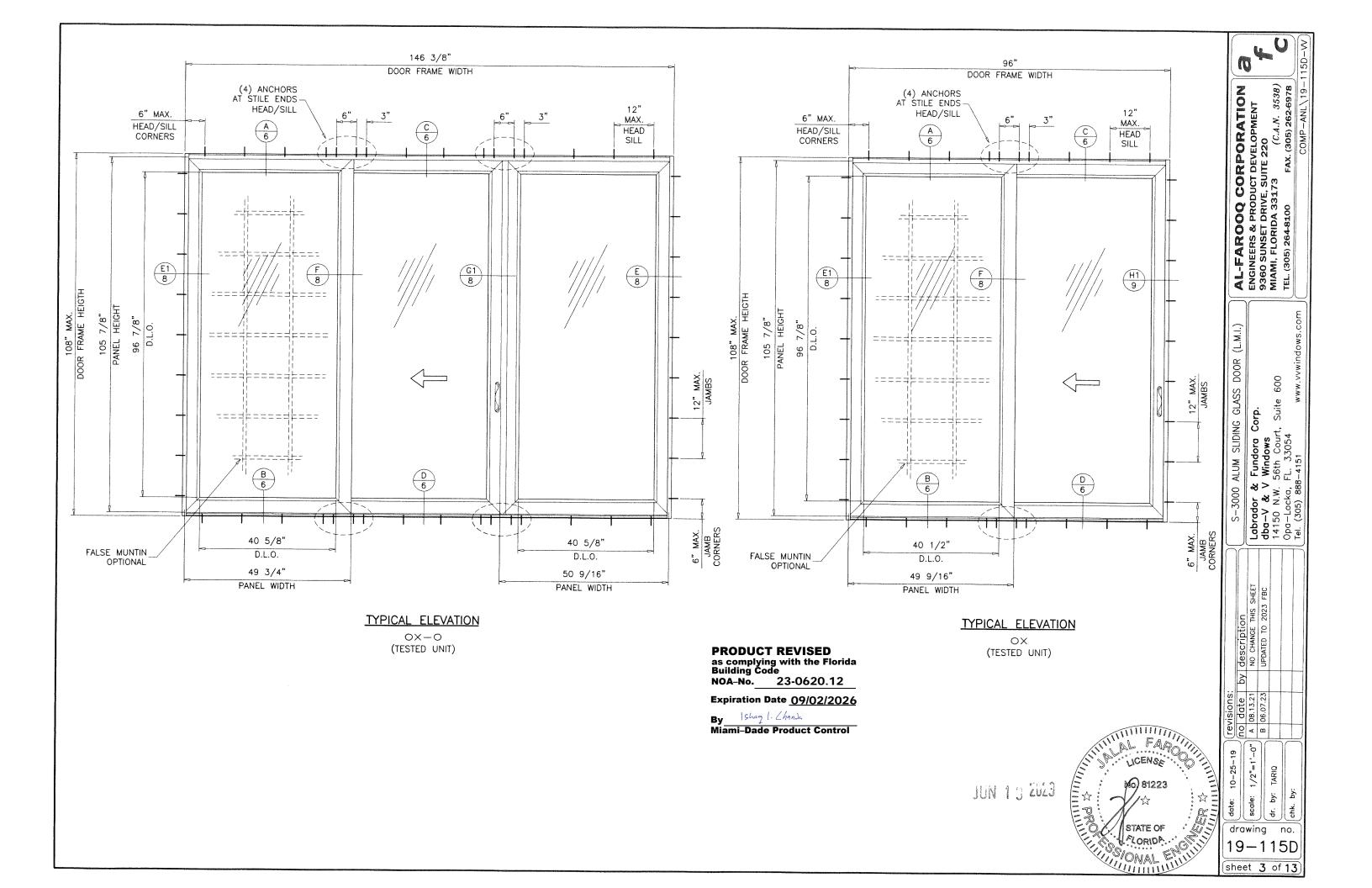
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

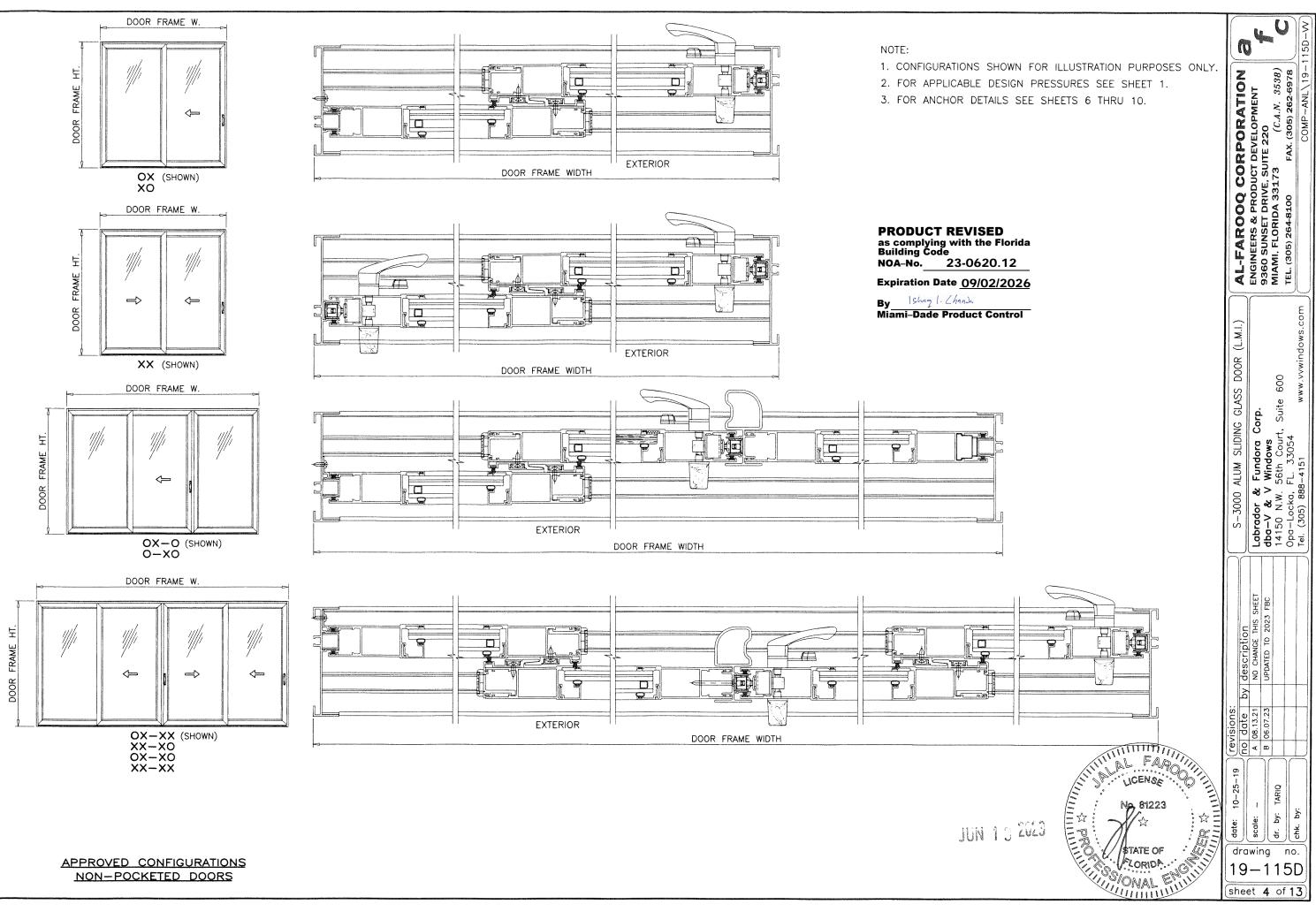
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

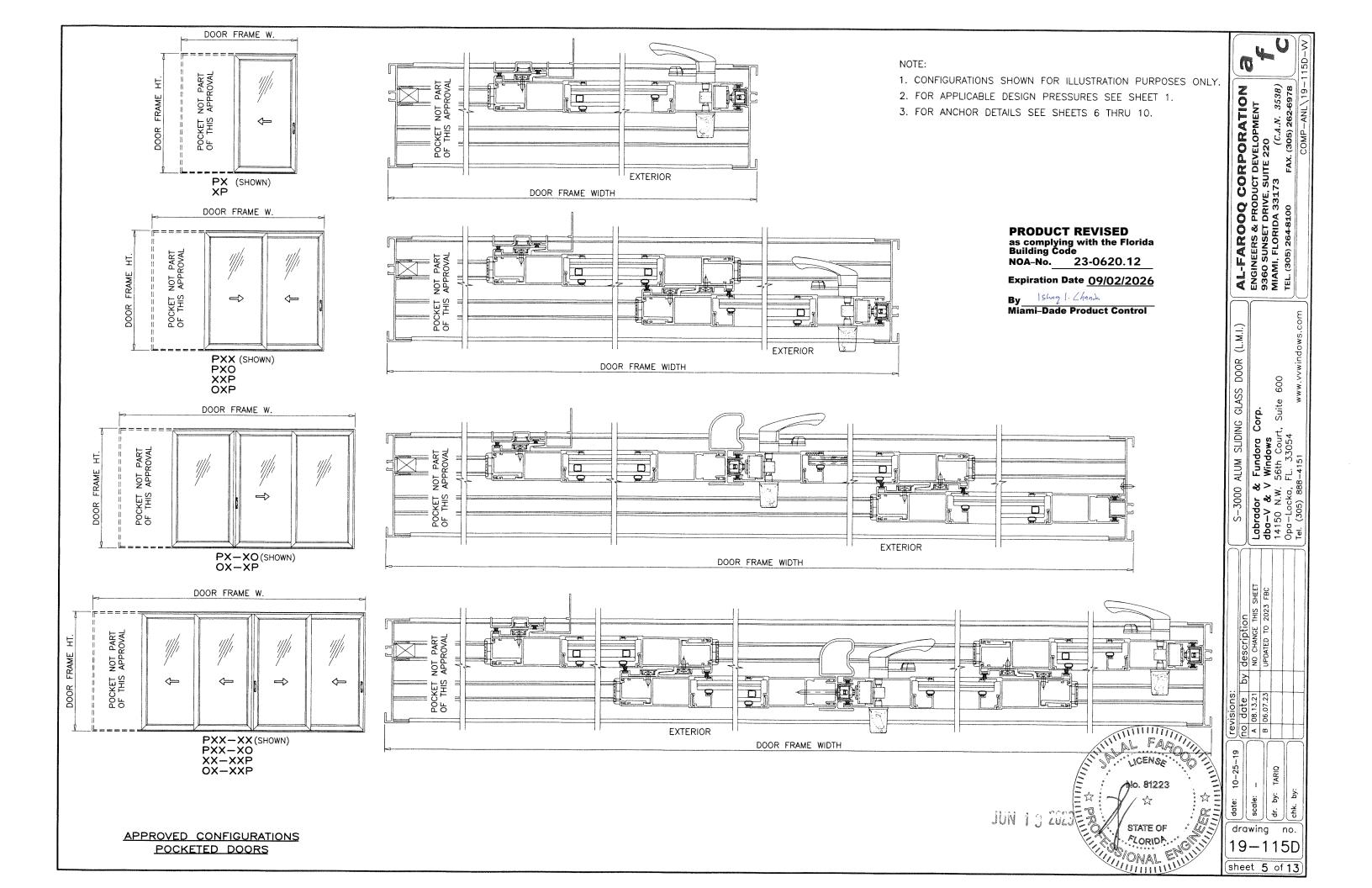
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

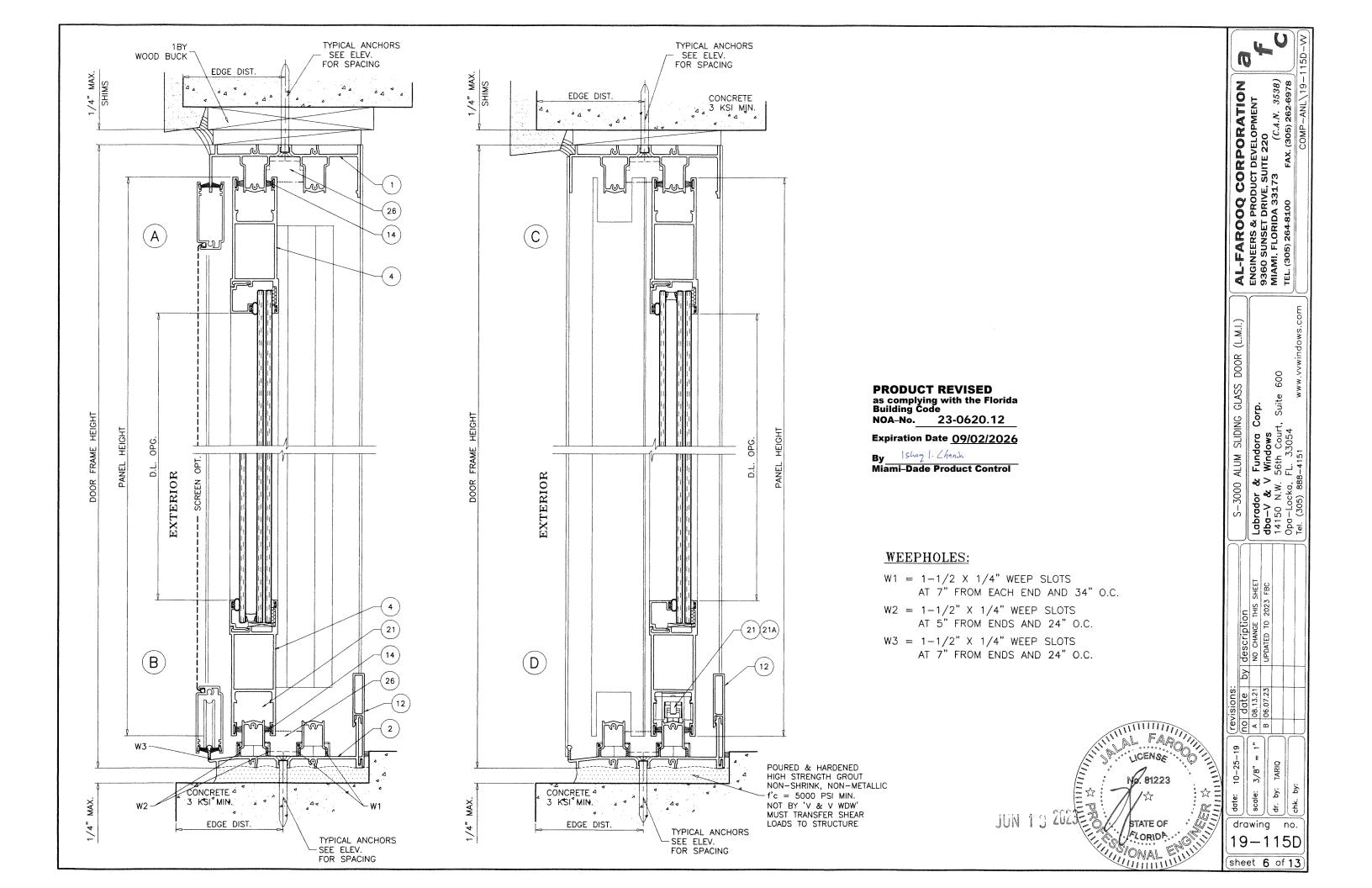
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'

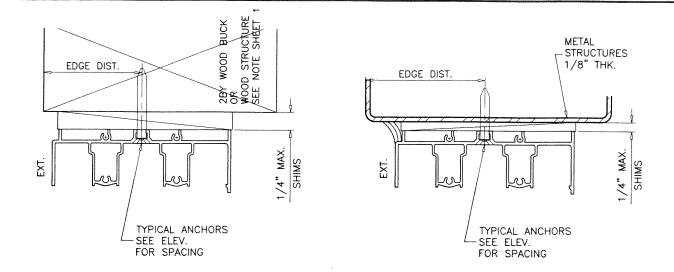












1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'V & V WINDOWS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

THRU 1BY BUCKS INTO CONC. OR BLOCKS 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS) 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS AND 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 = 5/8" MIN. INTO METAL STRUCTURE = 1/2" MIN.

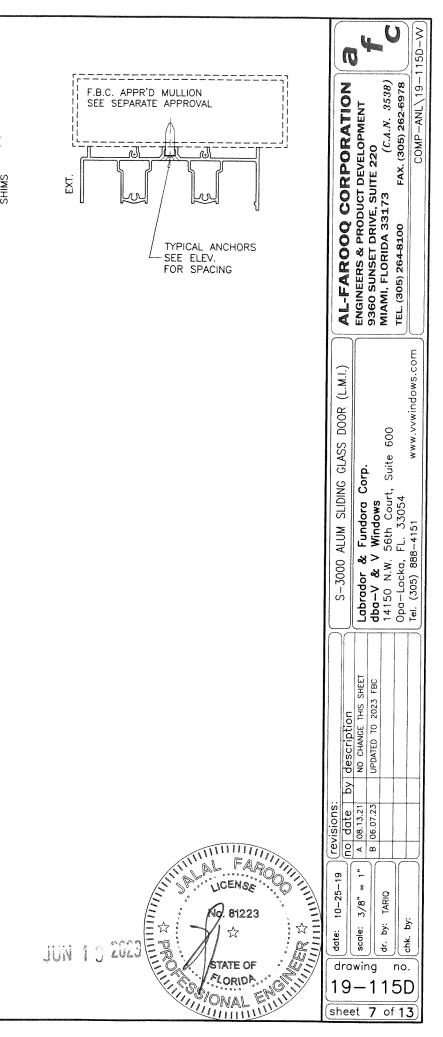
WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN. CONCRETE AT HEAD, SILL OR JAMBS I'C = 3000 PSI MIN. C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

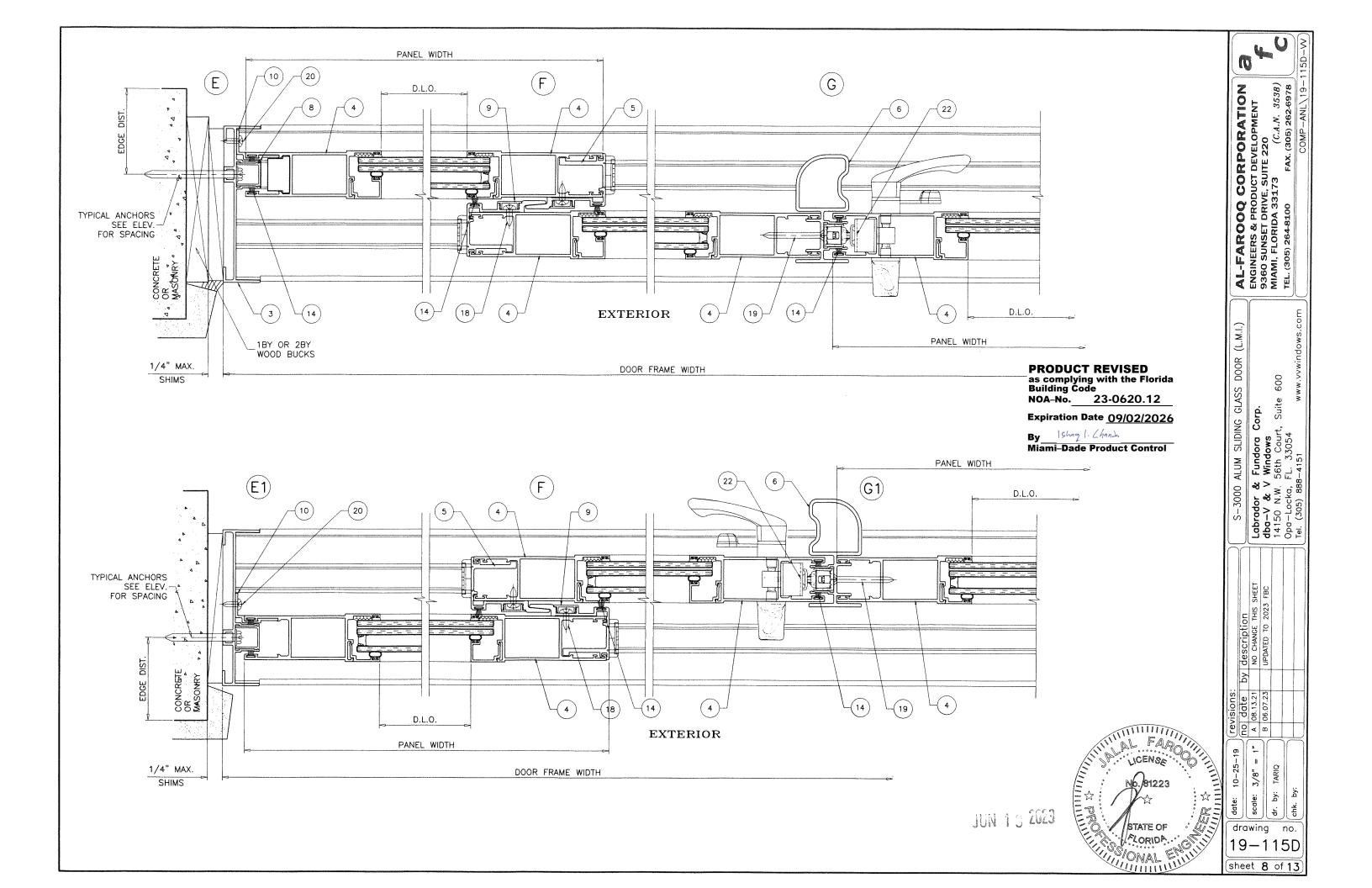
PRODUCT REVISED

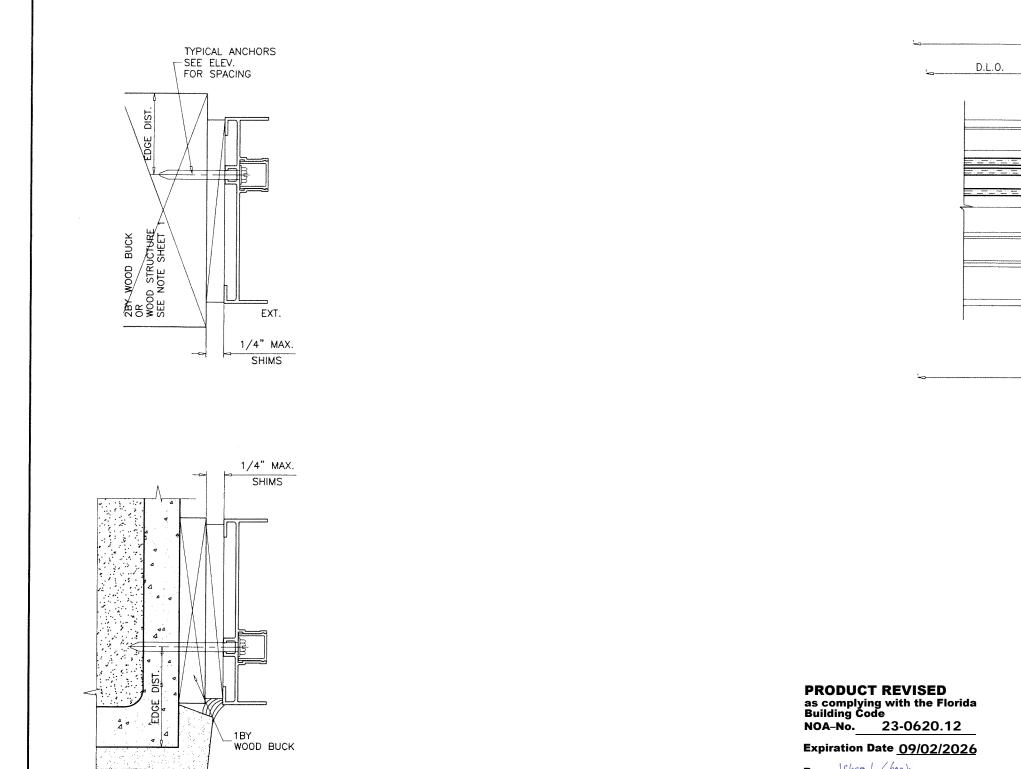
as complying with the Florida Building Code NOA-No. 23-0620.12

Expiration Date 09/02/2026

Ishag 1. Chanks By Miami-Dade Product Control







By Ishag I. Chank Miami-Dade Product Control

PANEL WIDTH

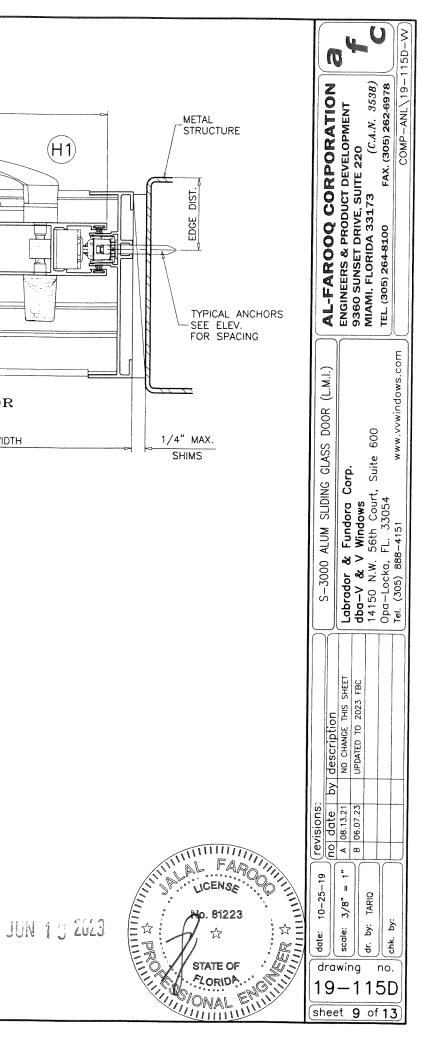
 \square

EXTERIOR

DOOR FRAME WIDTH

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HOOK STRIP ANCHORS: SEE ELEV. FOR SPACING 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

DIRECTLY INTO CONCRETE OR BLOCKS 1-3/8" MIN. EMBED INTO CONCRETE 1-3/4" MIN. EMBED INTO GROUT-FILLED BLOCKS

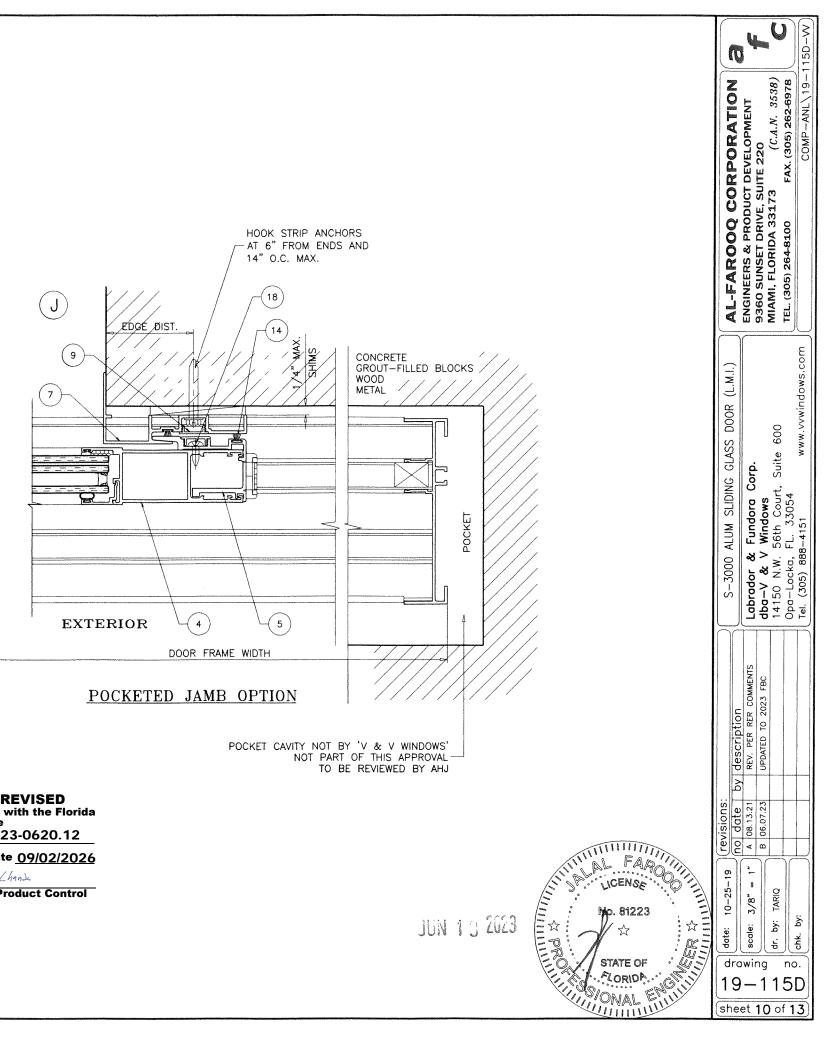
#14 SMS (GRADE 2 CRS)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS) INTO METAL STRUCTURES (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 BLOCKS = 2" MIN. INTO WOOD STRUCTURE = 1" MIN. INTO METAL STRUCTURE = 3/4" MIN.

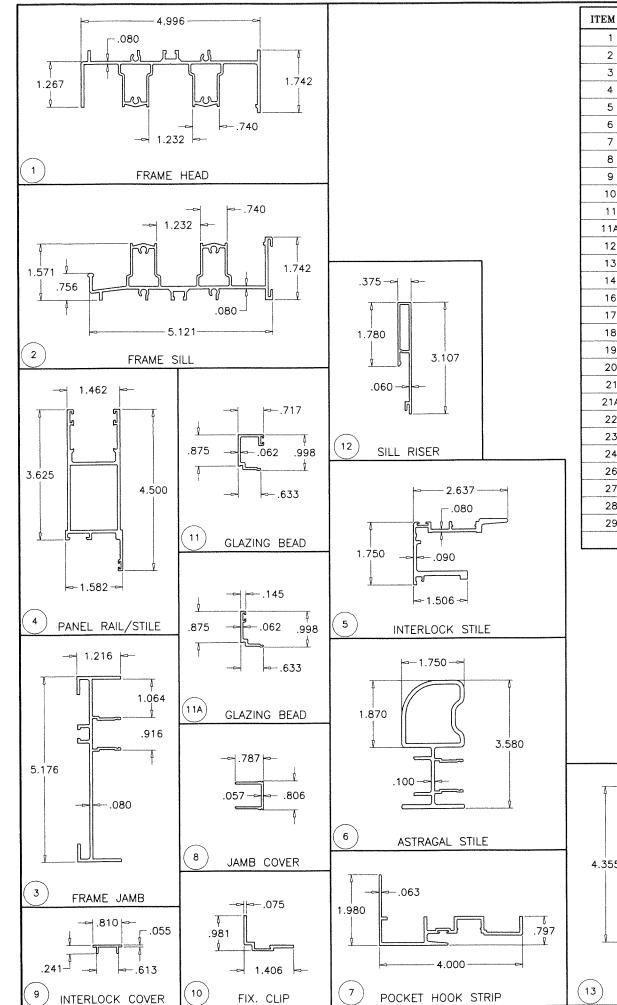


PRODUCT REVISED

as complying with the Florida Building Code NOA-No. 23-0620.12

Expiration Date 09/02/2026

Ishaq 1. Chank By Miami-Dade Product Control



ITEM #	PART #	QUANTITY	DESCRIPTION	
1	E-3003	1	FRAME HEAD	
2	E-3002	1	FRAME SILL	
3	E-3005	2	FRAME JAMB	
4	E-3010	4/ PANEL	PANEL RAIL/STILE	
5	E-3012	AS REQD.	INTERLOCK STILE	
6	E-3014	AS REQD.	ASTRAGAL STILE	
7	E-3027	AS REQD.	POCKET HOOK STRIP	
8	E-3015	AS REQD.	JAMB COVER	
9	E-3013	AS REQD.	INTERLOCK COVER	
10	E-3023	3/ PANEL	FIX. PANEL CLIP, 2" LONG, AT 3" FROM ENDS & 16" O.C.	
11	E-3021	AS REQD.	GLAZING BEAD (LAM. GLASS)	
11A	E-3022	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	-
12	E-3026	AS REQD.	SILL RISER	
13	E-3018	4/ PANEL	CORNER KEY	
14	W31256NK000B	AS REQD.	FIN PILE W'STRIPPING (.310"W X .250"H)	
16		2/ LITE	SETTING BLOCK	
17	#10 X 1-1/2"	AS REQD.	FRAME ASSEMBLY FASTENERS	
18	#8 X 1/2"	AS REQD.	INTERLOCK FASTENERS AT 4" FROM BOTTOM & 24-5/8" O.C.	
19	#12 X 2"	AS REQD.	ASTRAGAL FASTENERS AT 6" FROM ENDS & 24" O.C. *	
20	#12 X 5/8"	1/ CLIP	FIX. CLIP FASTENERS	
21	RU-098ZR-INOX	2/ MOV. PANEL	TANDEM WHEEL ROLLER ASSEMBLY	
21A	#10 X 1/2"	1/ ASSY.	FIX. CLIP FASTENERS	
22		1/ MOV. PANEL	DOOR LOCK	
23		AS REQD.	EXTERIOR BULB GASKET	
24	_	AS REQD.	BUMP ON SPACER	
26	KT0207-1	2	WIND BREAKER	
27	KT0207-2	AS REQD.	PANEL END COVER	
28	KT0207-3	AS REQD.	GUIDE STOP	
29	KT0207-10	2	FRAME END COVER	

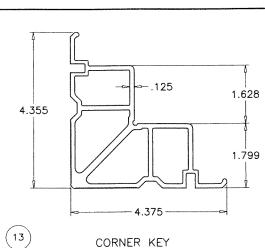
PRODUCT REVISED

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NOA-No. 23-0620.12

Expiration Date <u>09/02/2026</u>

By Ishag I. Chank Miami-Dade Product Control



SEALANT:

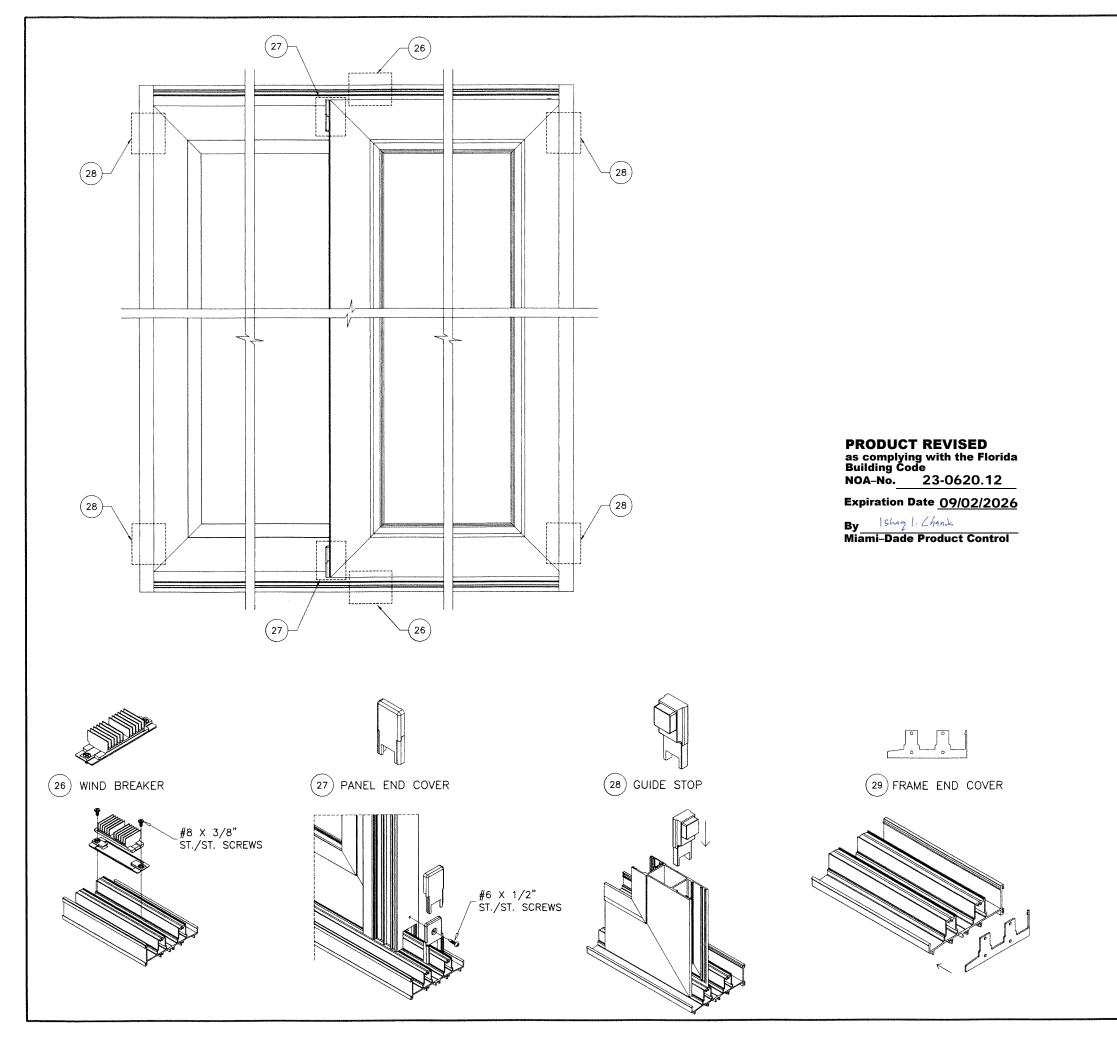
ALL JOINTS AND FRAME CONNECTIONS S WHITE/ALUMINUM COLORED SILICONE.

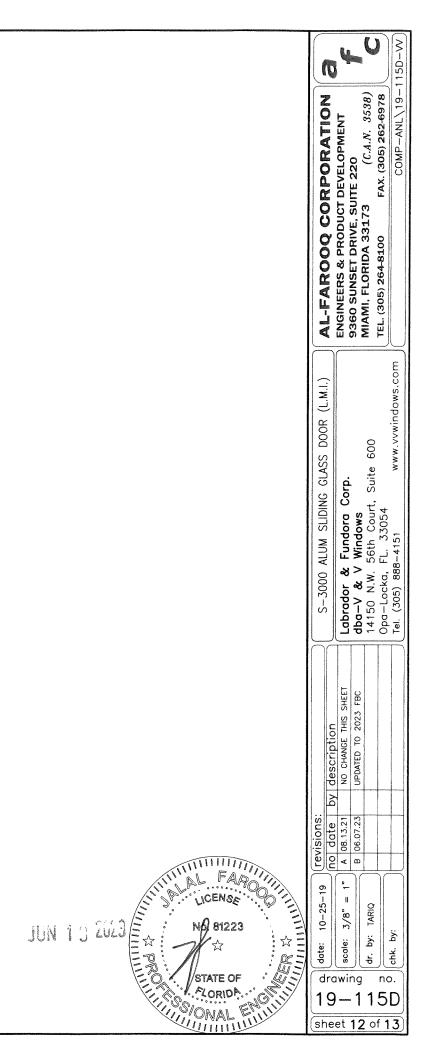
LOCKS:

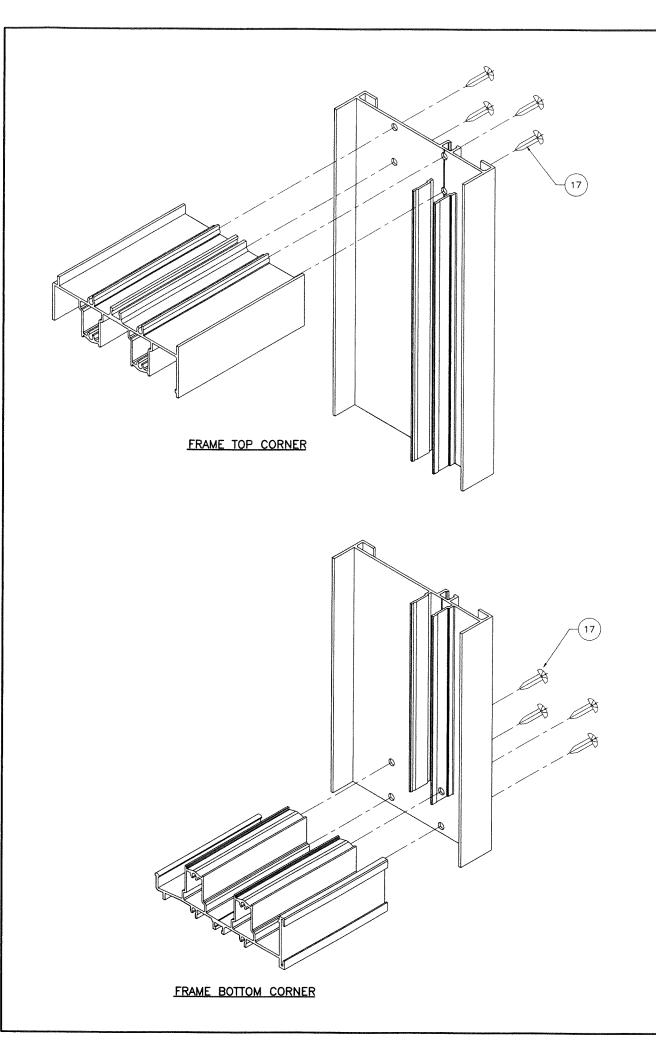
SURFACE MOUNT METALLIC MORTISE LOCK AT 39-1/2" FROM BOTTOM FASTENED TO LOCK STILE WITH (2) #8 X 1/2" PH SELF DRILLING SCREWS SURFACE MOUNT METALLIC HANDLE AT 39-1/2 FASTENED TO LOCK STILE WITH (2) 10-32 X 1-1/2" FH MS SURFACE MOUNT METALLIC KEEPER FACING LOO FASTENED WITH

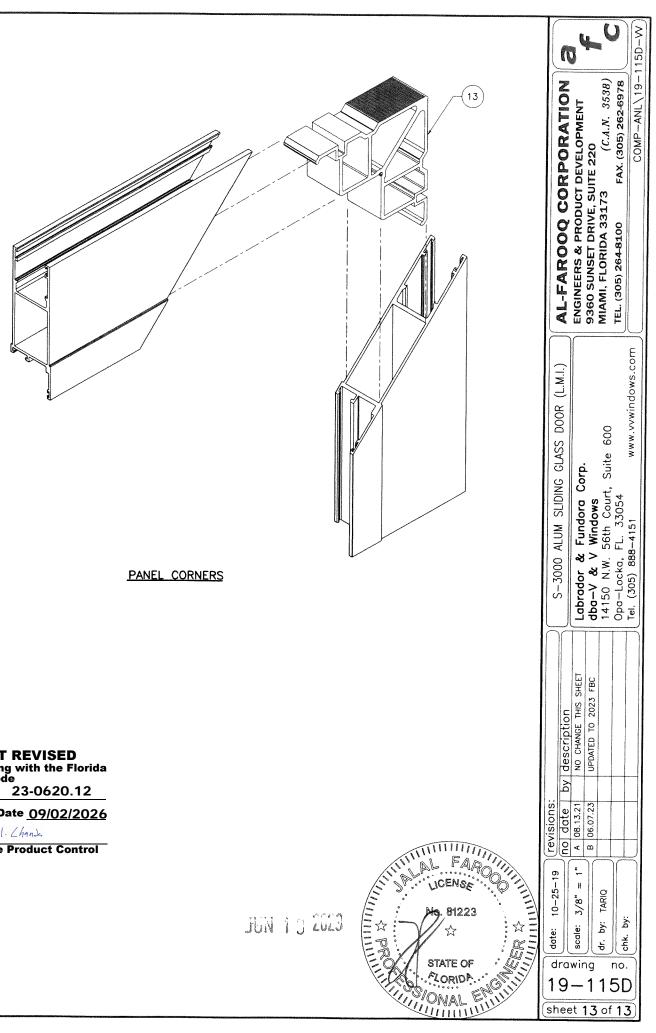
(2) #10 X 3/4" FH SELF DRILLING SCREWS

MATERIAL	MANF./SUPPLIER/REMARKS		03
6063-T6	-	1 6	
6063-T6	-		113
6063-T6			(8 8) d
6063-T6		AL-FAROOQ CORPORATION	DEVELOPMENT TE 220 (C.A.N. 3538) (C.A.N. 3538) FAX. (305) 262-6978 COMP-ANL\19-115D-W
6063-T6			1EN 862-
6063-T6			ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 3 1EL. (305) 264-8100 FAX. (305) 262-6 COMP-ANL ^V
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NYLON	-	S	: Fundora Corp. / Windows 56th Court, Sui FL. 33054 8-4151
EPDM	-		& Fund V Wind W. 56th 888-415
		A	
* A	VG. SPACING	S-3000 ALUM SLIDING GLASS DOOR (L.M.I.	トロナホー
			ibrador 3d-V & 1150 N. 3d-Lock 1. (305)
			Labr dba- 1415 Opa- Tel.
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	NG. 81223	she	et 11 of 13









PRODUCT REVISED as complying with the Florida Building Code NOA-No. 23-0620.12

Expiration Date <u>09/02/2026</u>

By Ishag I. Chank Miami-Dade Product Control