



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](http://www.miamidade.gov/economy)

**Miami Wall Systems, Inc.,**  
**701 W. 25<sup>th</sup> Street,**  
**Hialeah, Florida 33010**

**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 "4500" Aluminum French Doors -LMI**

**APPROVAL DOCUMENT:** Drawing No. **4500 LMI Rev 1**, titled "French Door Series 4500", sheets 1 through 8 of 8, dated 10-18-2019 and last revised on MAR 23, 2021, prepared by manufacturer, signed and sealed by Jorge E. Valdes, 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. See Design Pressure (DP) Vs Frame width & Height sizes and glass types and DLO, in sheets **1** & **2**.
2. See Head & Sill anchor Clusters at astragal end for wood substrates in sheet **1**. See Steel substrate note in sheet **4**.
3. Grouted CMU or block is required at jambs.
4. See additional locking (item #18) required at inactive leaf, beside the Flush bolts (top/bottom).

**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 #19-1113.03** consists of this page 1 and evidence page E-1 & E-2, as well as approval document mentioned above.

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



*Ishaq I. Chanda*

NOA No. 21-0325.08  
Expiration Date: January 30, 2025  
Approval Date: May 20, 2021  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **4500 LMI**, titled "French Door Series 4500", sheets 1 through 8 of 8, dated 10-18-2019 and last revised on 01/16/2020, prepared by manufacturer, signed and sealed by Jorge E. Valdes, 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, TAS 202-94

Along with installation diagram of Aluminum French glass Doors, prepared by Fenestration Testing Lab. Inc., Test reports # **FTL 8860** dated 05/06/16 & **FTL 10648** dated 04/01/19 both signed and sealed by Idalmis Ortega, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis dated NOV 08, 2019 and revised on 01/16/2020 prepared, signed and sealed by Jorge E. Valdes, P.E.
2. Glazing complies w/ ASTM E-1300-04 &-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 DE Nemours & Co., Inc.) for the "**Sentry Glass ® Interlayer**", expiring on 07/04/23.
2. Notice of Acceptance No. **17-0712.05** issued to Eastman Chemical Company (MA) former Solutia Inc. for their "**Saflex Clear or colored interlayer**", expiring on 05/21/21.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2017 (6<sup>th</sup> Edition) and letter of no financial interest dated Nov 08, 2019, prepared, signed and sealed by Jorge E. Valdes, P.E.
2. Lab compliance as part of the above referenced test reports.

**G. OTHER**

1. Test proposal # **15-2283** dated JAN 11, 2016, approved by RER.

*Ishaq I. Chanda*

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**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 21-0325.08**  
**Expiration Date: January 30, 2025**  
**Approval Date: May 20, 2021**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. New Evidence submitted**

**A. DRAWINGS**

1. Drawing No. **4500 LMI Rev 1**, titled “French Door Series 4500”, sheets 1 through 8 of 8, dated 10-18-2019 and last revised on MAR 23, 2021, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P. E.

Note: This revision consists of FBC 2020 code edition updated only.

**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. **17-0808.02** issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for the “**Sentry Glass ® Interlayer**”, expiring on 07/04/23.
2. Notice of Acceptance No. **21-0210.01** issued to **Eastman Chemical Company (MA)** for their “**Saflex Clear and Color Glass Interlayers**”, expiring on 05/21/26.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2020 (7<sup>th</sup> Edition), dated MAR 23, 2021, prepared, signed and sealed by Jorge E. Valdes, P.E.
2. Statement dated 03/25/21, clarifying the only change in Dwg. is general note updating FBC code edition, signed by Jorge Valdes, P.E.

**G. OTHER**

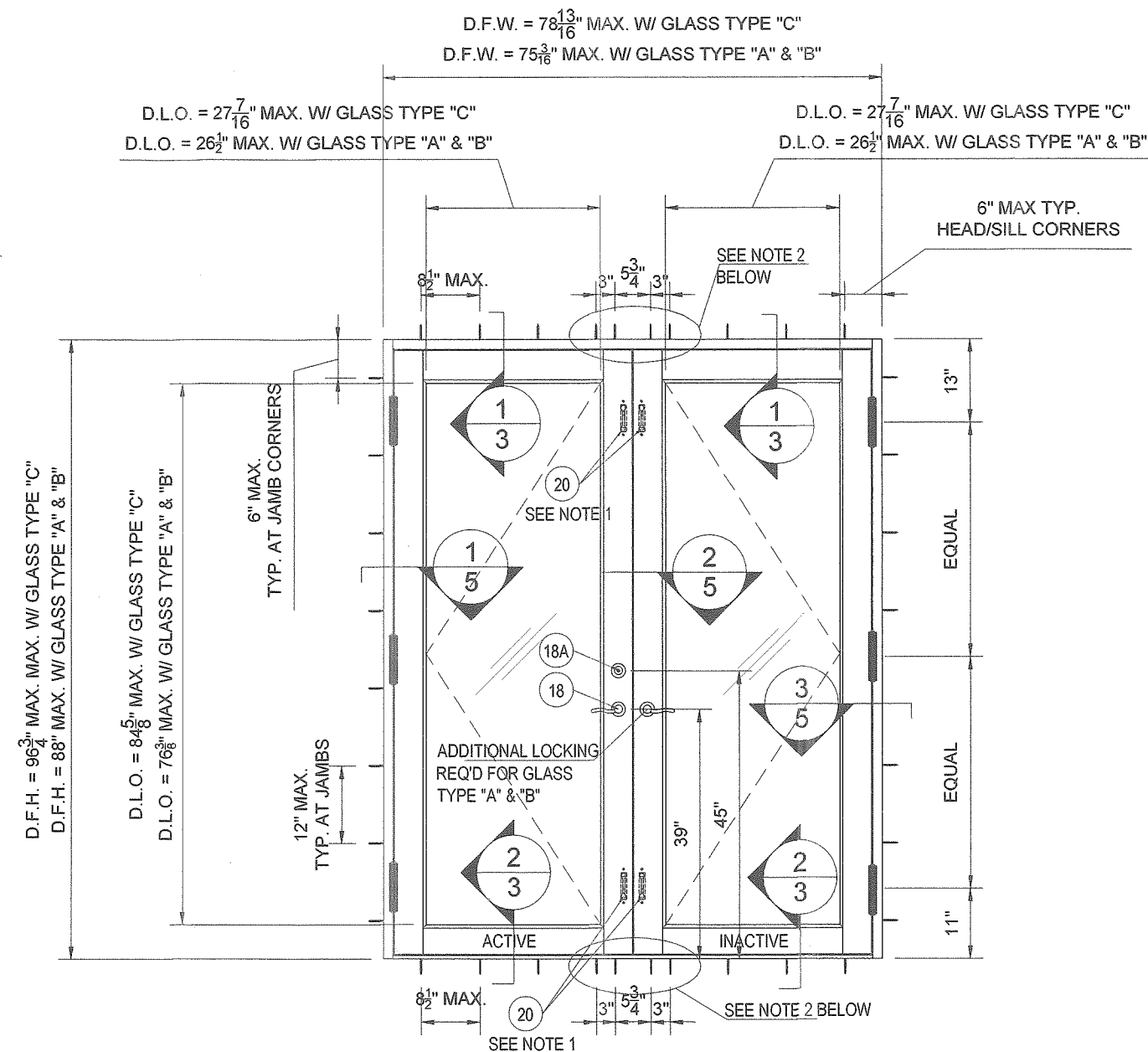
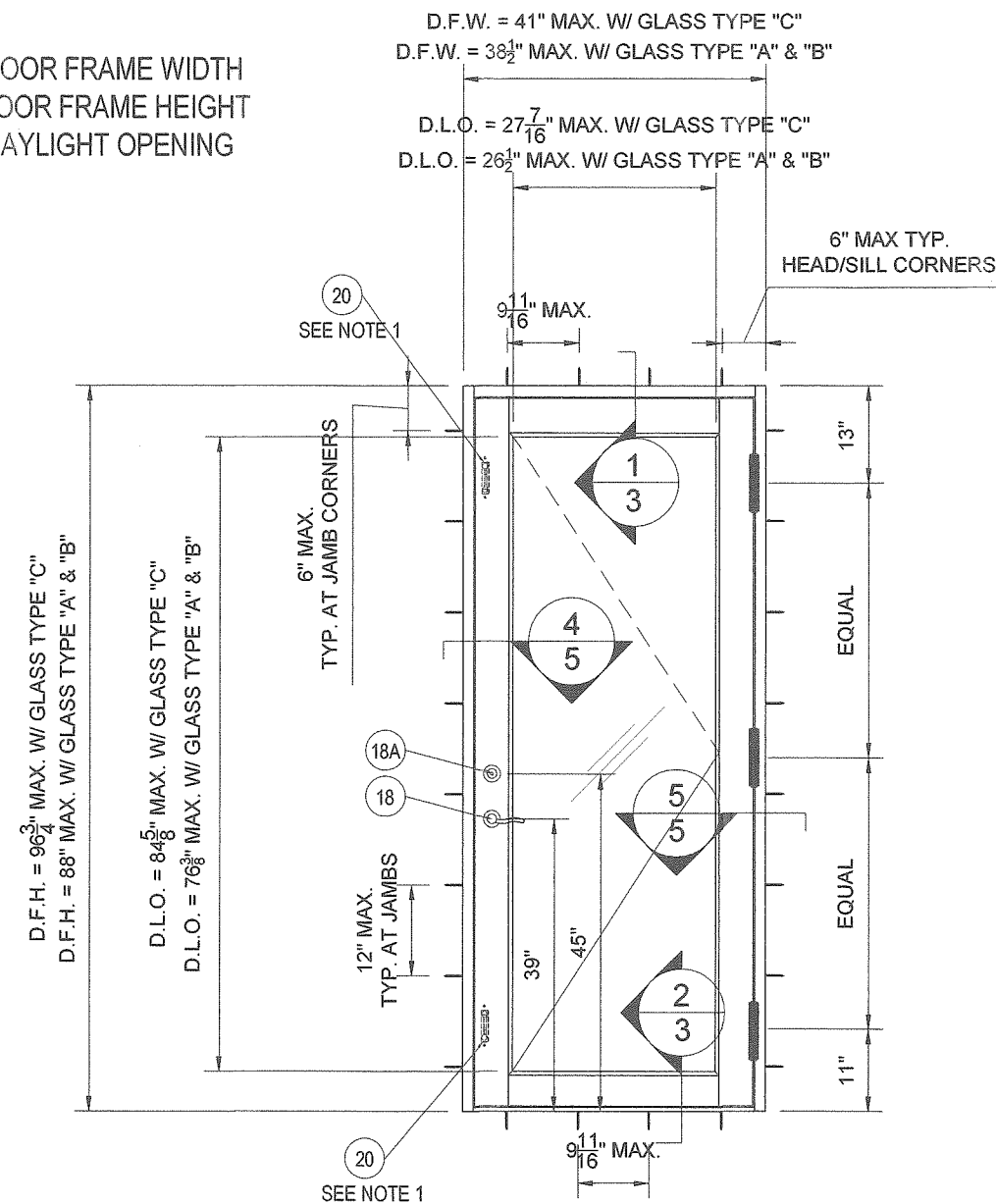
1. This NOA **revises #19-1113.03**, expiring **05/21/2025**.

*Ishaq I. Chanda*

---

**Ishaq I. Chanda, P.E.**  
**Product Control Unit Supervisor**  
**NOA No. 21-0325.08**  
**Expiration Date: January 30, 2025**  
**Approval Date: May 20, 2021**

D.F.W - DOOR FRAME WIDTH  
D.F.H - DOOR FRAME HEIGHT  
D.L.O. - DAYLIGHT OPENING



### TYPICAL ELEVATIONS

### TESTED UNITS

- THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT. SHUTTER NOT REQUIRED.
- APPROVAL APPLIES TO SINGLE (X) AN DOUBLE (XX) LEAF DOORS. SEE SHEET 2 FOR DESIGN LOAD CAPACITIES.
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY THE REQUIREMENTS OF THE 2020 (7TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE.
- 1X OR 2X WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON ELEVATIONS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

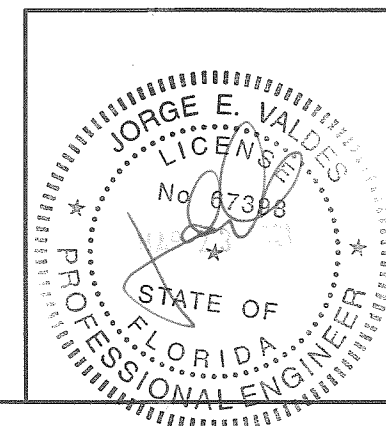
NOTE 1: FLUSH BOLT (ITEM # 20) ARE  
CONCEALED ON INACTIVE LEAF AND  
EXPOSED ON ACTIVE LEAF. SEE DETAILS  
ON SHEET 5

NOTE 2: USE CLUSTER OF (7) AT TOP &  
BOTTOM WHEN ANCHORING INTO WOOD

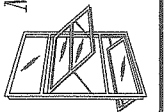
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 21-0325.08

**Expiration Date** 01/30/2025

By Ishag I. Chande  
Miami-Dade Product Control



*Miami Wall Systems, Inc.*



C.A.N. 28565  
701 West 25th Street  
Hialeah, Florida. 33010  
Phone:(305) 888-2300 Fax:(305) 888-3058

FRENCH DOOR SERIES 4500

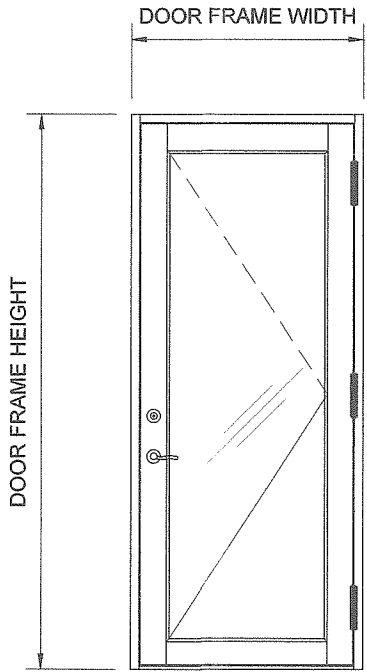
OPENING ELEVATION  
GENERAL NOTES

[illegible]



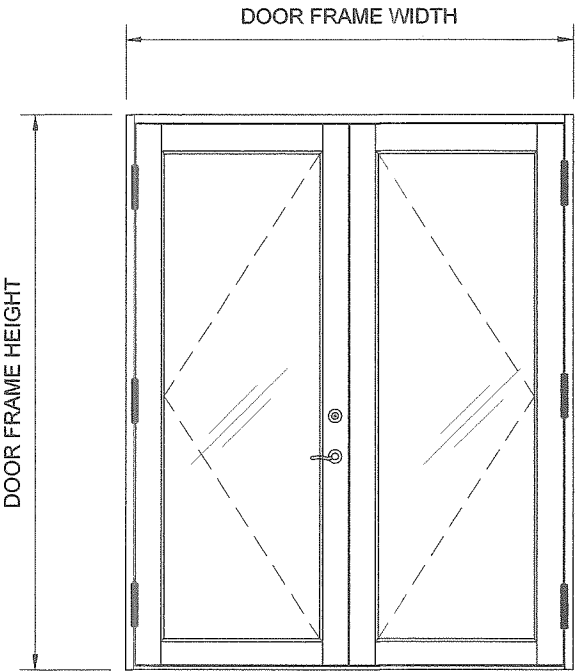
DESIGN LOAD CAPACITY - PSF - (X) DOORS					
FRAME WIDTH	FRAME HEIGHT	GLASS TYPES			
		'A' & 'B'		'C'	
		EXT (+)	INT (-)	EXT (+)	INT (-)
38 <sup>7</sup> / <sub>8</sub> "	88"	+75.0	-75.0	+75.0	-114.0
41"	96 <sup>3</sup> / <sub>4</sub> "	-	-	+75.0	-114.0

DESIGN LOAD CAPACITY - PSF - (XX) DOORS					
FRAME WIDTH	FRAME HEIGHT	GLASS TYPES			
		'A' & 'B'		'C'	
		EXT (+)	INT (-)	EXT (+)	INT (-)
75 <sup>3</sup> / <sub>16</sub> "	88"	+75.0	-75.0	+75.0	-114.0
78 <sup>13</sup> / <sub>16</sub> "	96 <sup>3</sup> / <sub>4</sub> "	-	-	+75.0	-114.0



**SINGLE**  
DOOR PANEL WIDTH = D.F.W - 2<sup>1</sup>/<sub>2</sub>"  
DOOR PANEL HEIGHT = D.F.H - 2<sup>1</sup>/<sub>2</sub>"

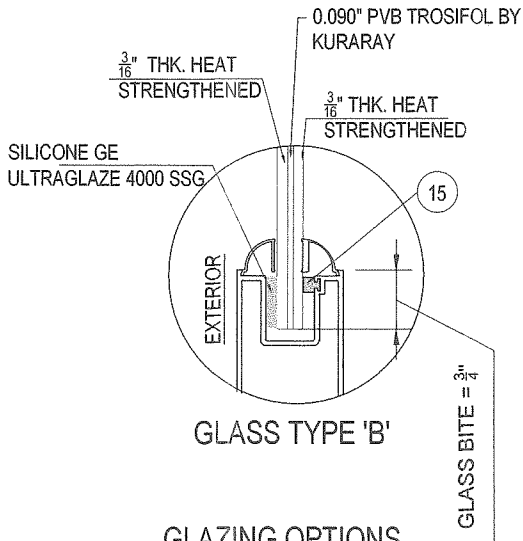
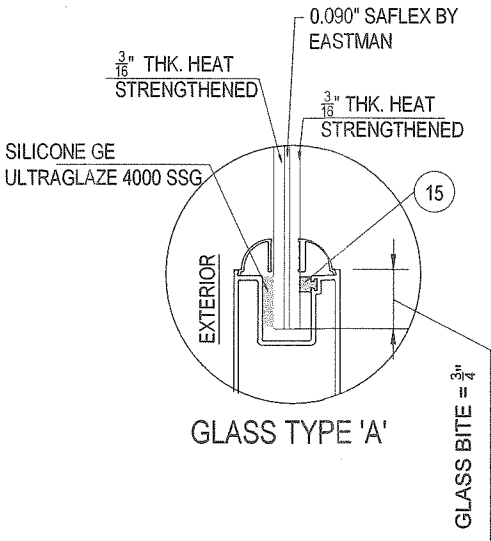
(X)



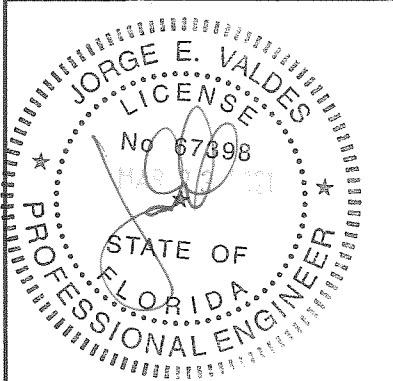
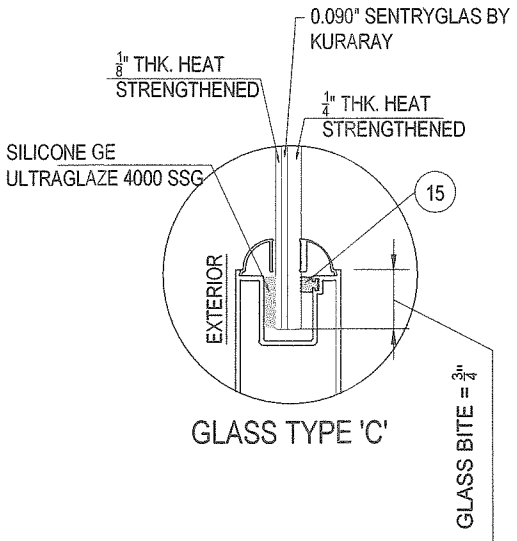
**DOUBLE DOORS**  
DOOR PANEL WIDTH =  $\frac{D.F.W - 1.8"}{2}$   
DOOR PANEL HEIGHT = D.F.H - 2<sup>1</sup>/<sub>2</sub>"

(XX)

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 21-0325.08  
Expiration Date 01/30/2025  
By Ishaq I. Chanda  
Miami-Dade Product Control



GLAZING OPTIONS

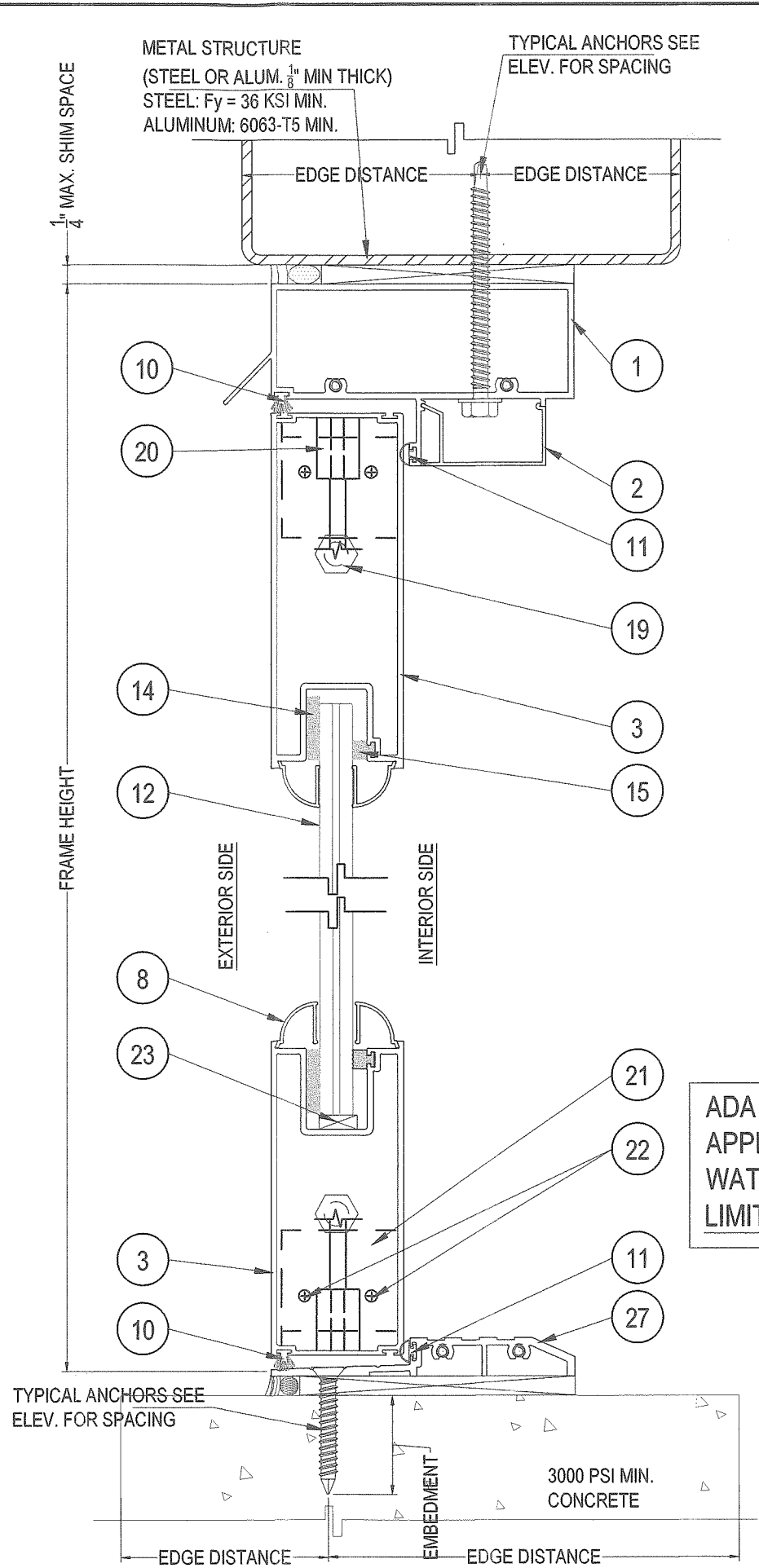
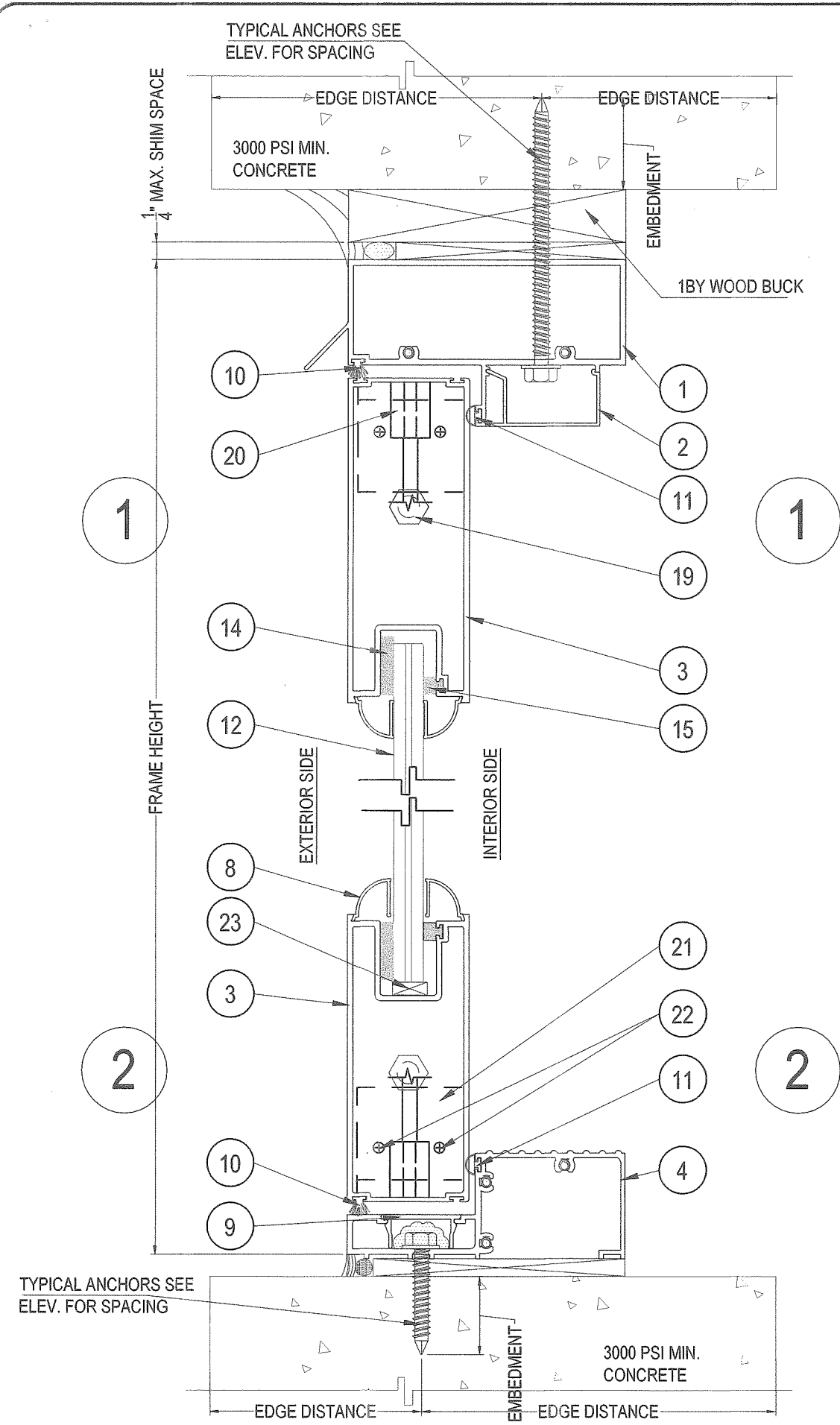


*Miami Wall Systems, Inc.*  
C.A.N. 28565  
701 West 25th Street  
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FRENCH DOOR SERIES 4500  
LOAD CAPACITIES

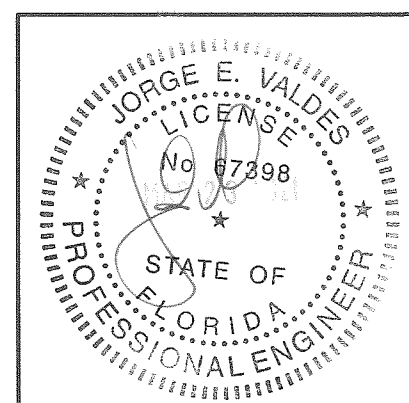
NO.	DATE	REVISION
1	3/16/21	UPDATE TO 2020 FBC

DATE: 10/18/2019  
SCALE: AS NOTED  
DWG. BY: ADRC  
CHK. BY: J.V.  
DWG NO: NOA 4500 LMI  
SHEET 2 OF 8



**PRODUCT REVISED**  
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By Ishag I. Chande  
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ADA THRESHOLD NOT  
APPROVED FOR  
WATER INTRUSION.  
LIMITED TO ± 75.0 psf.



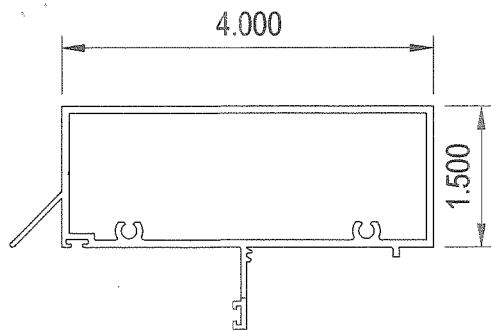
Miami Wall Systems, Inc. C.A.N. 28565 701 West 25th Street Hialeah, Florida 33010 Phone: (305) 888-2300 Fax: (305) 888-3058			
FRENCH DOOR SERIES 4500		DETAILS	
NO.	DATE	REVISION	UPDATE TO 2020 FBC
1	3/16/21		
DATE: 10/18/2019		SCALE: AS NOTED	
DWG. BY: ADRC		CHK. BY: J.V.	
DWG NO: NOA 4500 LMI		SHEET 3 OF 8	

C.A.N. 28565  
701 West 25th Street  
Hialeah, Florida. 33010  
Phone: (305) 888-2300 Fax: (305) 888-3058

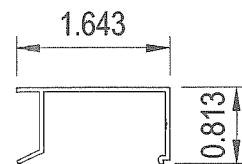




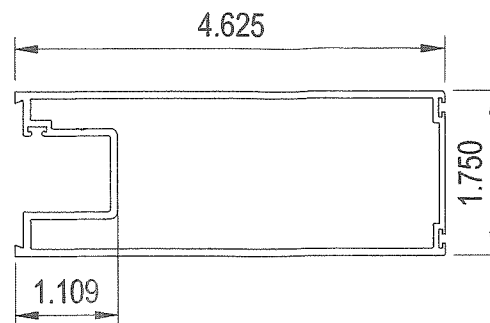




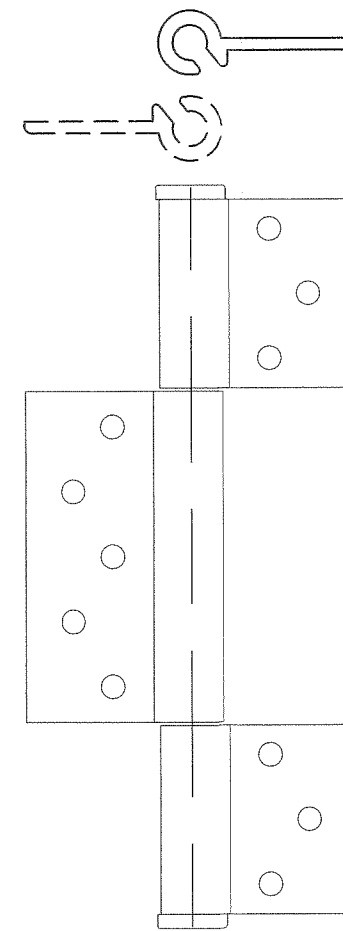
1 FRAME HEAD  
EXT # 4500-004  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .078"



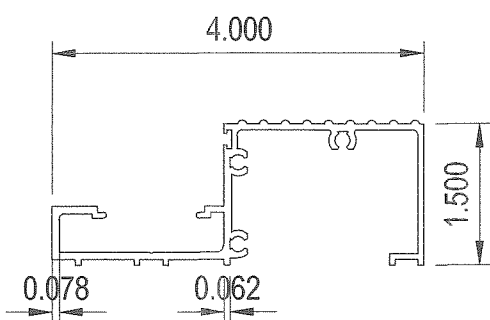
2 FASTENER COVER  
EXT # 4500-005  
MATERIAL: ALUMINUM  
ALLOY: 6063-T5  
TYPICAL WALL: .063"



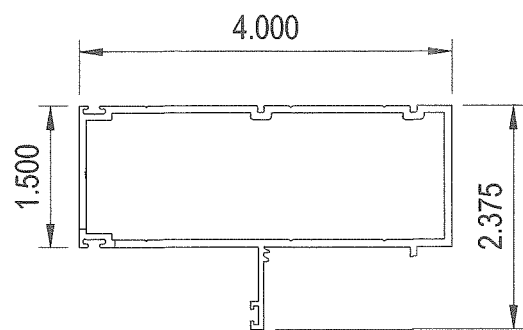
3 HORIZ RAIL  
EXT # 4500-003  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .078"



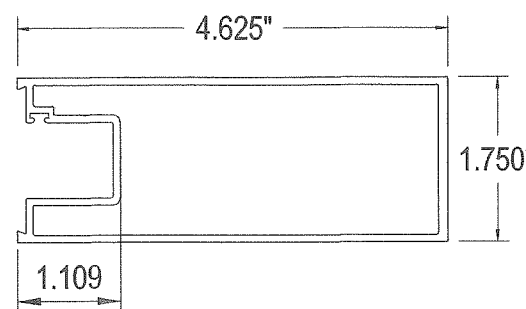
16 HINGE ASSEMBLY  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .062"



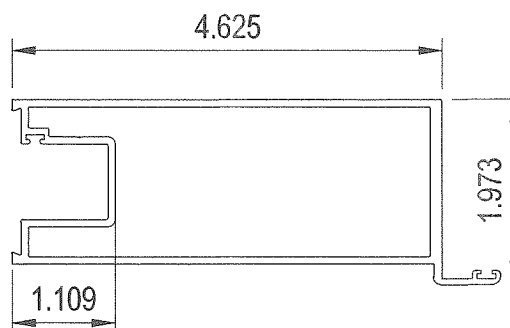
4 THRESHOLD  
EXT # ES-3002  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: VARIES



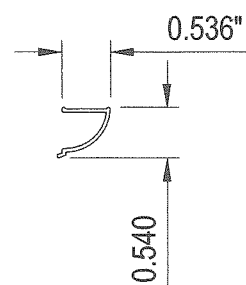
5 FRAME JAMB  
EXT # 4500-006  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .078"



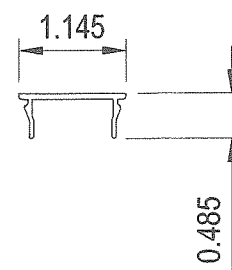
6 HINGE STILE  
EXT # 4500-007  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .078"



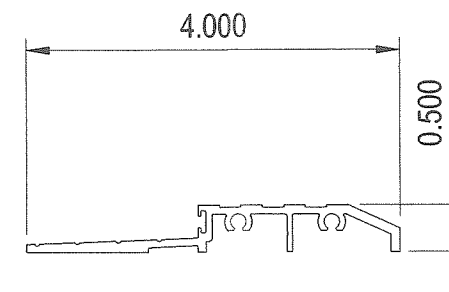
7 LOCK STILE  
EXT # 4500-008  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .078"



8 GLASS COVER  
EXT # ES-3026  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: .078"

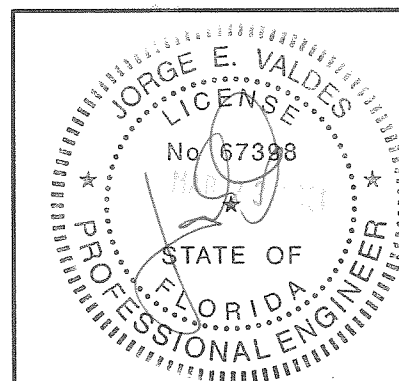


9 THRESHOLD FAST. COVER  
EXT # ES-3012  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: 0.063"



27 ADA THRESHOLD  
EXT # 4500-002  
MATERIAL: ALUMINUM  
ALLOY: 6063-T6  
TYPICAL WALL: 0.062"

**PRODUCT REVISED**  
as complying with the Florida  
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NOA-No. 21-0325.08  
Expiration Date 01/30/2025  
By Ishag I. Chande  
Miami-Dade Product Control



NO.	DATE	REVISION
1	3/16/21	UPDATE TO 2020 FBC

**French Door Series 4500 Extrusion**

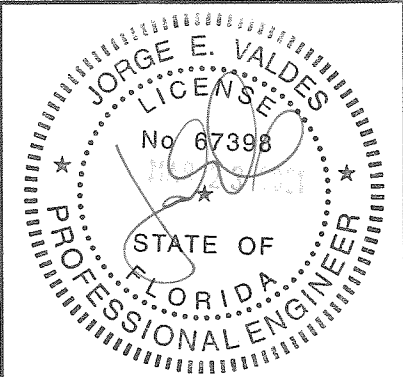
**Miami Wall Systems, Inc.**  
C.A.N. 28565  
701 West 25th Street  
Hialeah, Florida 33010  
Phone: (305) 888-2300 Fax: (305) 888-3058

BILL OF MATERIALS				
ITEM No.	PART No.	REQ'D	PART NAME	REMARKS
1	4500-004	1	FRAME HEAD	ALUMINUM ALLOY 6063-T6
2	4500-005	3	FASTENER COVER	ALUMINUM ALLOY 6063-T6
3	4500-003	2	HORIZONTAL RAIL	ALUMINUM ALLOY 6063-T6
4	ES-3002	1	TRESHOLD	ALUMINUM ALLOY 6063-T6
5	4500-006	2	FRAME JAMB	ALUMINUM ALLOY 6063-T6
6	4500-007	1 PER LEAF	HINGE STILE	ALUMINUM ALLOY 6063-T6
7	4500-008	1 PER LEAF	LOCK STILE	ALUMINUM ALLOY 6063-T6
8	ES-3026	8 PER LEAF	GLASS COVER	ALUMINUM ALLOY 6063-T6
9	ES-3012	1	TRESHOLD FASTENER COVER	ALUMINUM ALLOY 6063-T6
10	W22321NG	AS REQ'D	FIN SEAL	AT FRAME HEAD, JAMBS AND PANNEL BOTTOM
11	E-202	AS REQ'D	BULB WEATHERSTRIPPING	
12		1 PER LEAF	LAMINATED GLASS	
13		11 PER HINGE	HINGE SCREWS	#12-24 x $\frac{1}{2}$ " , FLAT HEAD, TYPE F
14		AS REQ'D	SILICONE	GE ULTRAGLAZE 4000 SSG (TYP.)
15	TR-0022168	AS REQ'D	GLASS VINIL GASKET	
16	FD-107-BK	3 PER LEAF	HINGE ASSEMBLY	ALUMINUM ALLOY 6063-T6
17		4 PER LEAF	PANEL CLAMP	$1\frac{1}{2}$ "x $1\frac{1}{8}$ " x $\frac{3}{16}$ " WALL THICKNESS X 2" LONG CHANNEL. ALUMINUM ALLOY 6063-T5
18		1 PER LEAF	LOCK - ACTIVE LEAF W/ GLASS TYPE A, B & C. LOCK - INACTIVE LEAF W/ GLASS TYPE A & B.	SECURED WITH (2) SCREWS #12-28
18A		1 PER INACTIVE LEAF	DEAD BOLT	SECURED WITH (2) SCREWS #8-32
19		2 PER LEAF	THREADED ROD WITH NUTS & WASHERS	$\frac{3}{8}$ "-16, STAINLESS STEEL; $\frac{3}{8}$ "-16 NUT ; $\frac{3}{8}$ " FLAT WASHER; $\frac{3}{8}$ " LOCK WASHER
20	FB-1202-K	2 PER LOCK STILE	FLUSH BOLT ACTIVATOR	CONCEALED AT INACTIVE LEAF (TOP & BOTTOM)
21		2 PER LEAF	L-CLIP	2" x 2" x $\frac{3}{16}$ " WALL THICKNESS X $1\frac{9}{16}$ " LONG, ALUMINUM MILL FINISH
22		2 PER L-CLIP	SCREWS FOR L-CLIP	#8 x $\frac{3}{4}$ " FLAT HEAD, S/S, TYPE A
23		2 PER LITE	SETTING BLOCK	4" X $\frac{1}{2}$ " X $\frac{3}{16}$ " X 4" LONG
24		AS REQ'D	THRESHOLD, HEAD & JAMBS SCREWS	#14 HEX HEAD, SMS, TYPE A
25		AS REQ'D	ADA THRESHOLD SCREWS	#14 FLAT HEAD, SMS, TYPE A
26		AS REQ'D	FRAME ASSEMBLY SCREWS	#10 x $1\frac{1}{2}$ " PAN HEAD, SMS, S/S, TYPE A
27	4500-002	1	ADA THRESHOLD	ALUMINUM ALLOY 6063-T6

**PRODUCT REVISED**  
as complying with the Florida  
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NOA-No. 21-0325.08

Expiration Date 01/30/2025

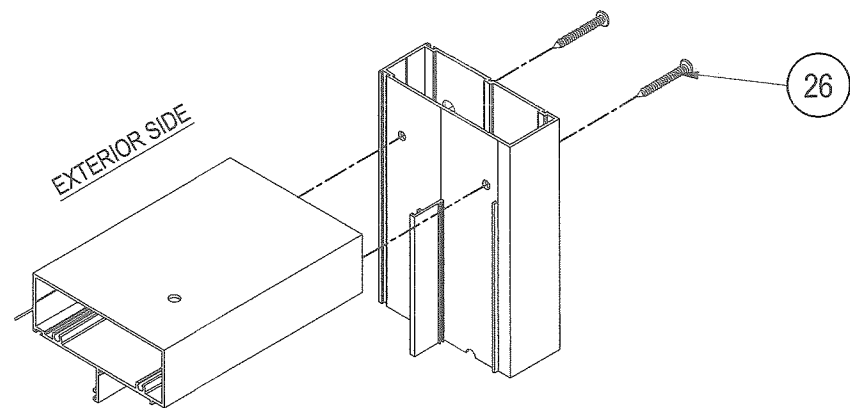
By Ishaq I. Chande  
Miami-Dade Product Control



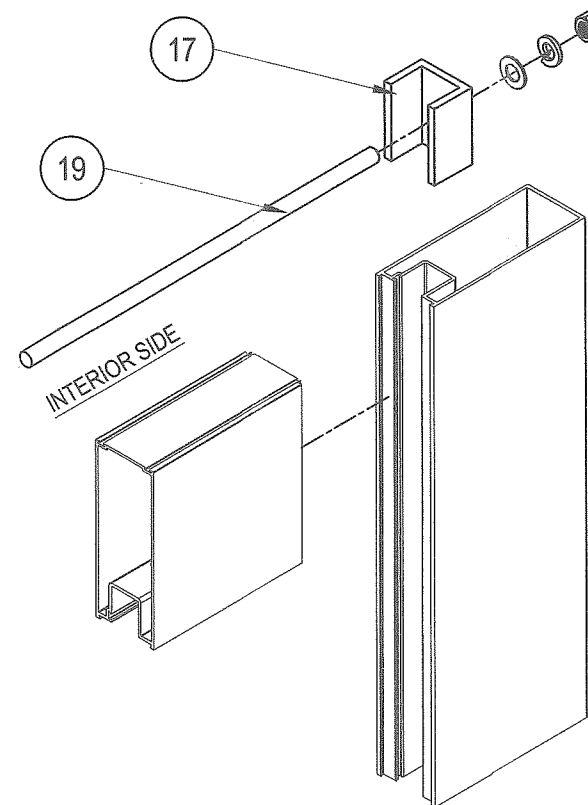
FRENCH DOOR SERIES 4500		BILL OF MATERIALS	
NO.	DATE	REVISION	UPDATE TO 2020 FBC
1	3/16/21		
DATE: 10/18/2019			
SCALE: AS NOTED			
DWG. BY: ADRC			
CHK. BY: J.V.			
DWG NO:NOA 4500 LMI			
SHEET 7 OF 8			

Miami Wall Systems, Inc.

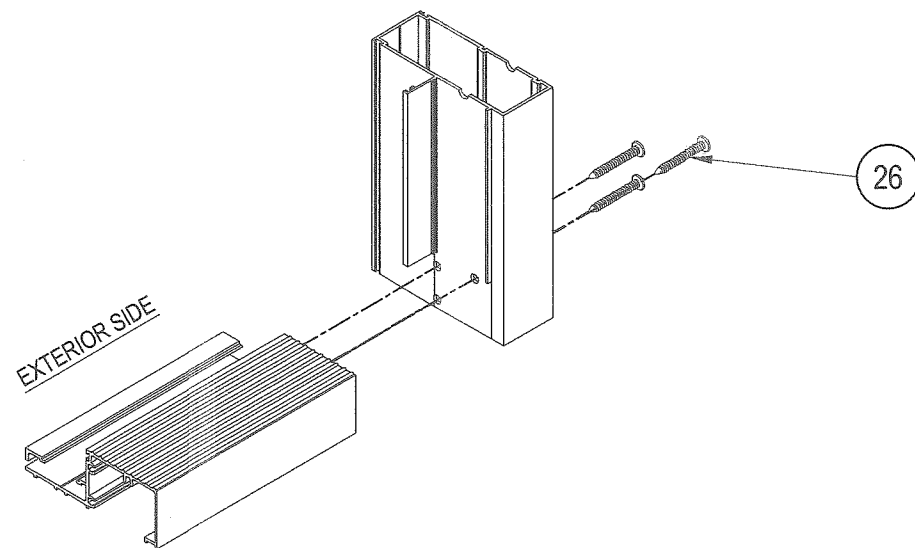
C.A.N. 28565  
701 West 25th Street  
Hialeah, Florida. 33010  
Phone:(305) 888-2300 Fax:(305) 888-3058



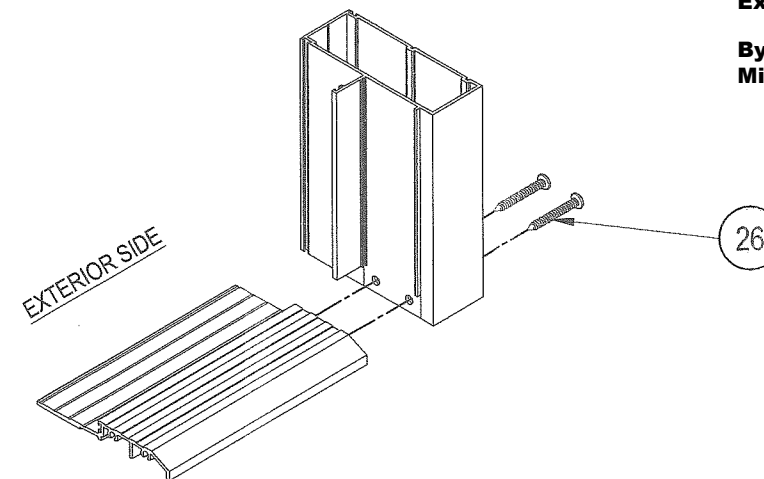
FRAME TOP CORNER



DOOR LEAF CORNER



FRAME BOTTOM CORNER

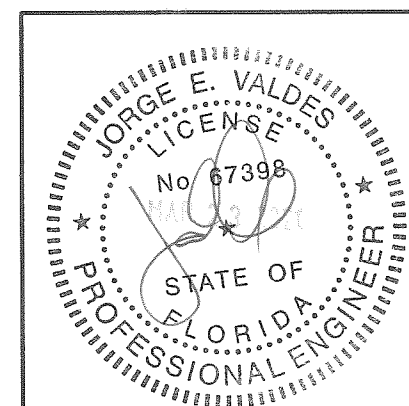


FRAME BOTTOM CORNER (ADA THRESHOLD)  
LIMITED TO  $\pm 75$  psf  
NOT RATED FOR WATER INTRUSION

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 21-0325.08

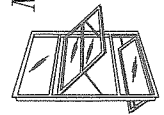
Expiration Date 01/30/2025

By Isaac I. Chandra  
Miami-Dade Product Control



Miami Wall Systems, Inc.

C.A.N. 28565  
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FRENCH DOOR SERIES 4500

ASSEMBLY DETAILS

NO.	DATE	REVISION
1	3/16/21	UPDATE TO 2020 FBC

DATE: 10/18/2019  
SCALE: AS NOTED  
DWG. BY: ADRC  
CHK. BY: J.V.  
DWG NO: NOA 4500 LMI  
SHEET 8 OF 8