



MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building

Miami Wall Systems, Inc.
701 W. 25th 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 "1000" Aluminum Sliding Glass Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. **1000 SGD-LM**, titled "Series 1000 Aluminum Sliding Glass Door (LMI)", sheets 1 through 6 of 6, dated 04/11/23, prepared by manufacturer, signed and sealed by Jorge E. Valdes, 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, city, state and 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.

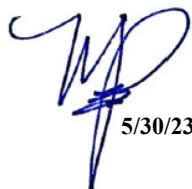
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 page E-1, as well as approval document mentioned above.

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




5/30/23

NOA No. 23-0504.03
Expiration Date: June 08, 2028
Approval Date: June 08, 2023
Page 1

Miami Wall Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1000 SGD-LM**, titled "Series 1000 Aluminum Sliding Glass Door (LMI)", sheets 1 through 6 of 6, dated 04/11/23, 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) Small Missile Impact Test per FBC, TAS 201-94
5) Large Missile Impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
7) Forced Entry Test, per ASTM F842-14, and TAS 202-94
along with marked-up drawings and installation diagram of a series 1000 aluminum sliding glass door, prepared by Blackwater Technical Services, Inc., Test Report No. **BT-MWS-23-001**, dated 04/06/23, signed and sealed by Michael D. Caldwell, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 7th Edition (2020)**, dated 05/01/23, prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E.
2. Glazing complies with **ASTM E1300-16**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

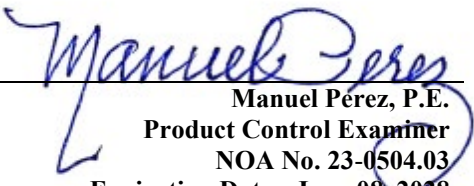
1. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 11/19/20, expiring on 07/08/24.

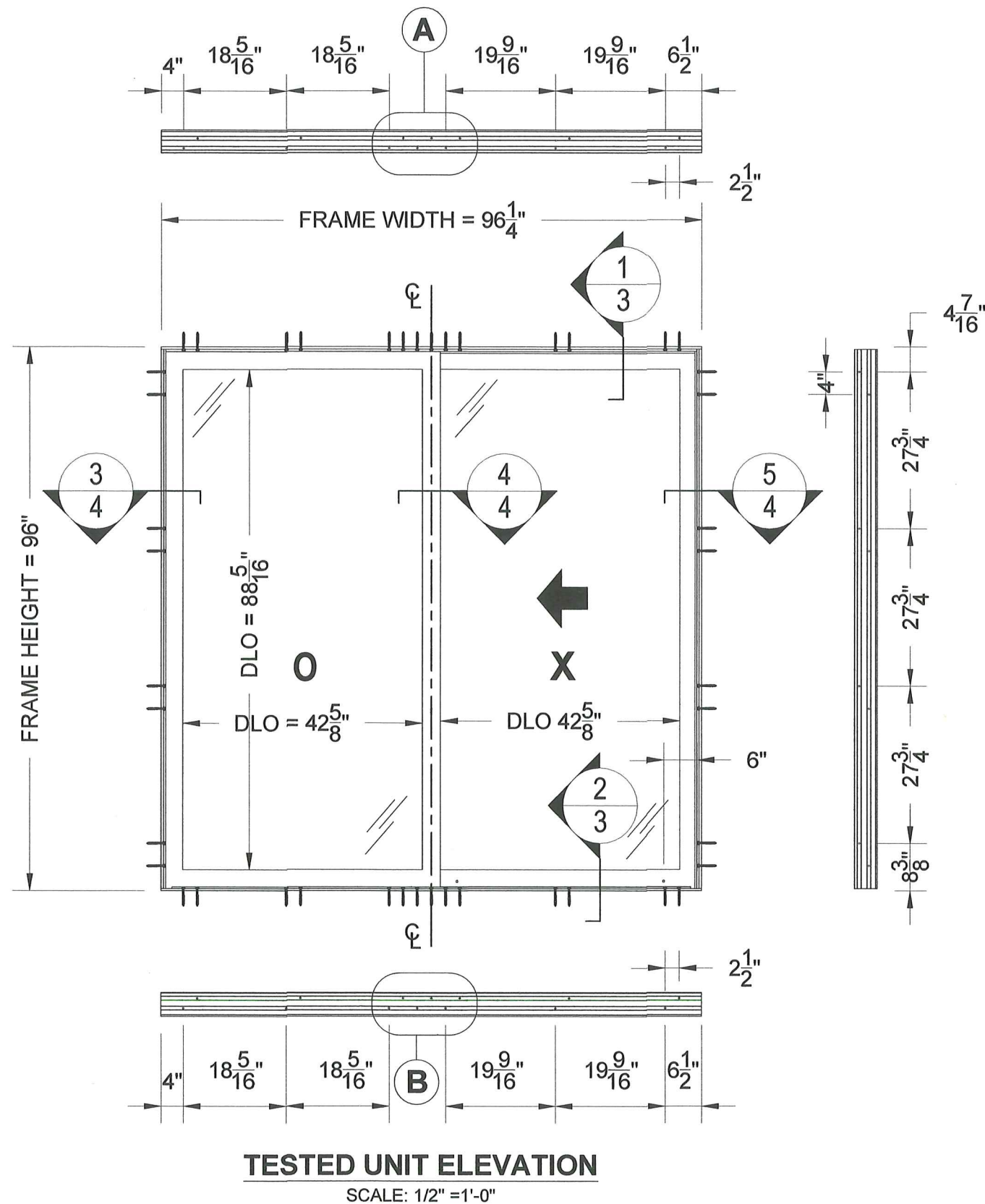
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, dated May 02, 2023, issued by manufacturer, signed and sealed by Jorge E. Valdes, P.E.
2. Statement letter of no financial interest dated May 02, 2023, issued by manufacturer, signed and sealed by Jorge E. Valdes, P.E.

G. OTHERS

1. None.

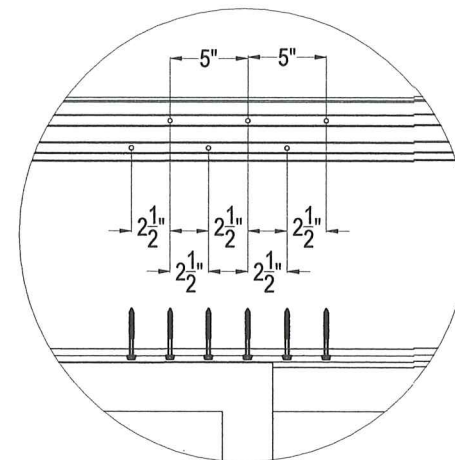

Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-0504.03
Expiration Date: June 08, 2028
Approval Date: June 08, 2023



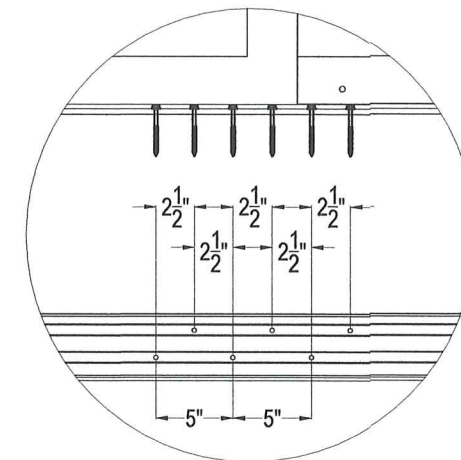
MAX. DESIGN PRESSURE	
+ 80 PSF / - 80 PSF (WITH SILL RISER)	+ 60 PSF / - 80 PSF (WITHOUT SILL RISER)

SERIES 1000 ALUMINUM SLIDING GLASS DOOR (LMI)

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 7TH EDITION (2020)
- WOOD BUCKS BY OTHERS, MUST BE ENGINEERED TO TRANSFER THE IMPOSED LOADS TO MAIN STRUCTURE.
- ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS.
- ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL / METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS, SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE SECTION FOR CORROSION RESISTANCE.
- DESIGN PRESSURE IS LIMITED TO + 60 PSF WHEN STD. SILL WITHOUT RISER IS USED. SEE DETAIL 2 ON SHEET 3.



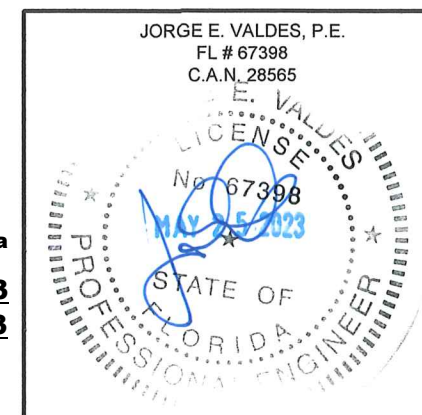
CLUSTER DETAIL "A"
(6 ANCHORS, TYP. AT TOP INTERLOCK)
SCALE: 1" = 1'-0"



CLUSTER DETAIL "B"
(6 ANCHORS, TYP. AT BOTTOM INTERLOCK)
SCALE: 1" = 1'-0"

THIS PRODUCT IS RATED **LARGE MISSILE IMPACT**
SHUTTERS ARE NOT REQUIRED

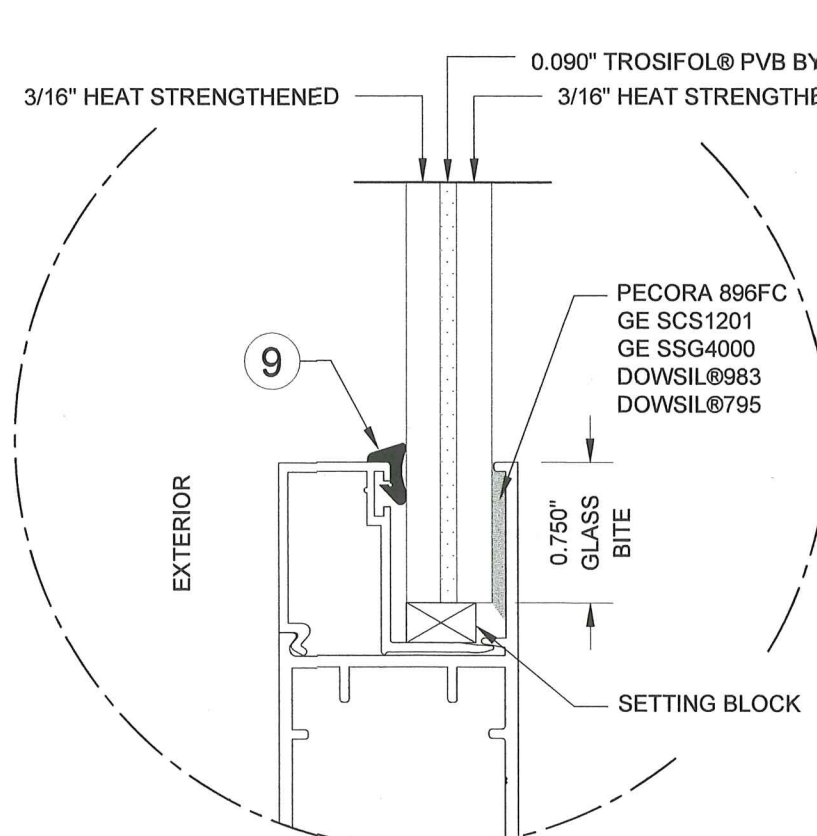
PRODUCT APPROVED
As complying with the Florida
Building Code
NOA-No. **23-0504.03**
Approval Date: **06/08/2023**
By: *Manuel Fern*
Miami-Dade Product Control



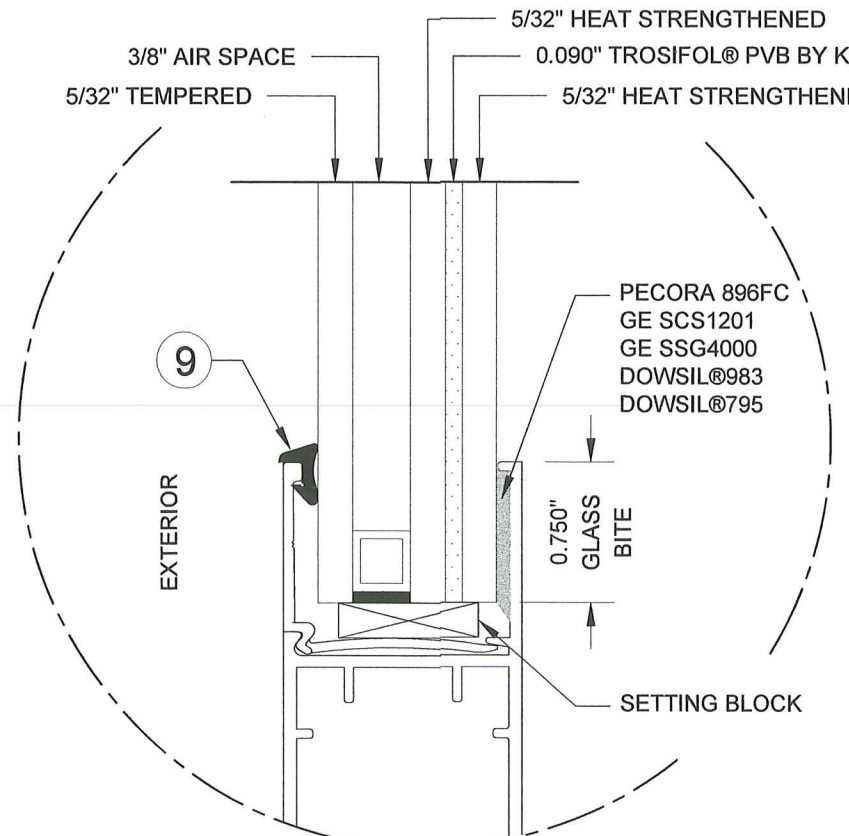
Miami Wall Systems, Inc.
701 WEST 25th STREET
HIALEAH, FL 33010
PHONE: (305) 888-2300 FAX: (305) 888-3058

SERIES 1000 ALUMINUM
SLIDING GLASS DOOR (LMI)

DATE	REVISION	PER (REF)	COMMENTS
05-25-23	1		
04/11/2023			
AS NOTED			
DRAWN BY: RP			
CHECKED BY: JV			
DWG. No.: 1000 SGD-LM			
SHEET: 1 OF 6			

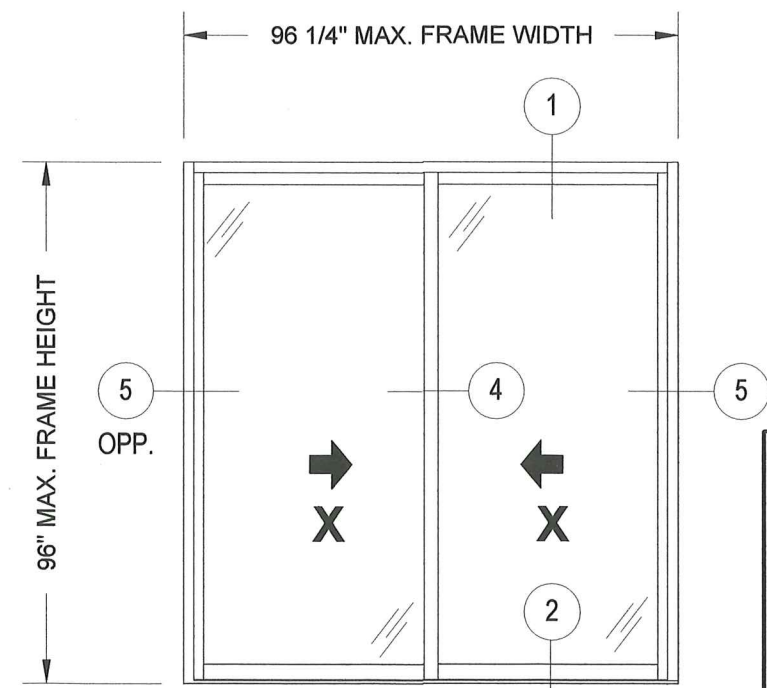
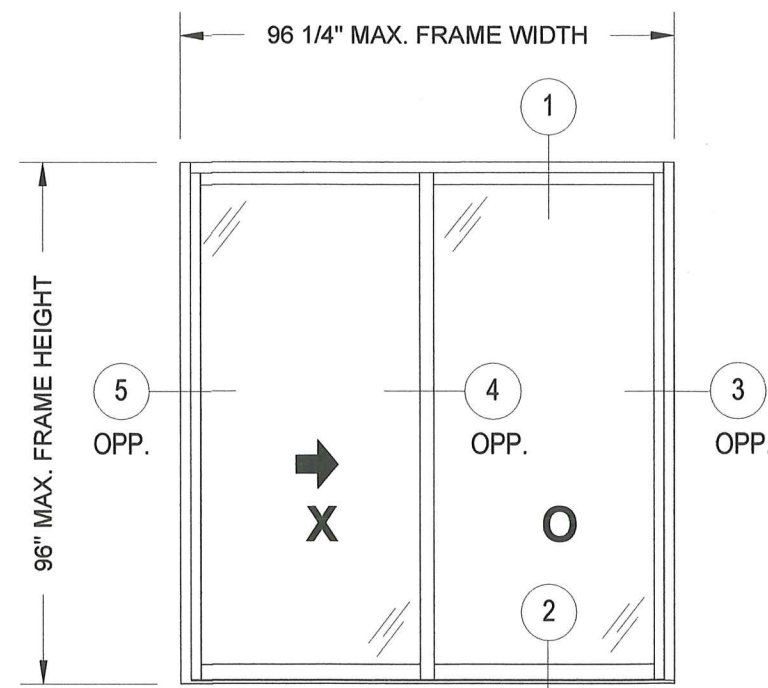
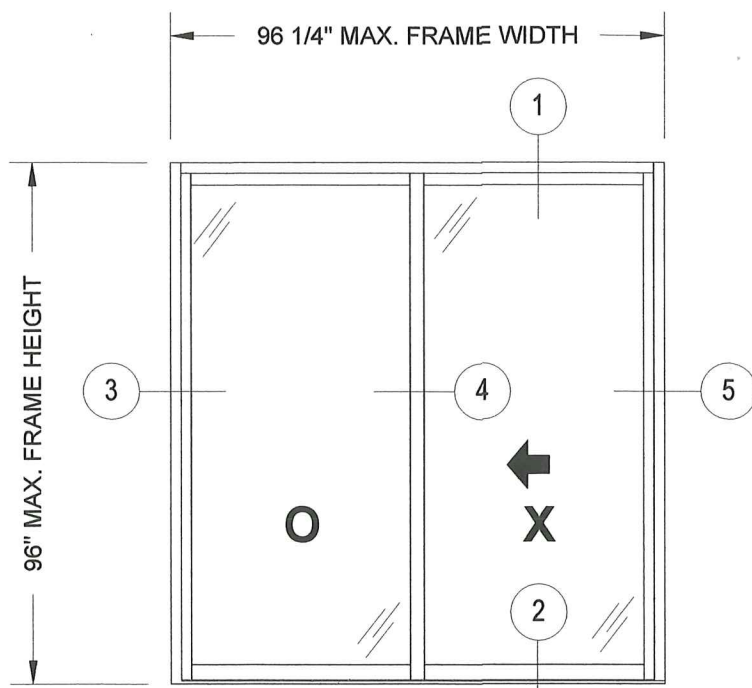


GLASS TYPE GL-1
7/16" (NOMINAL) LAMINATED



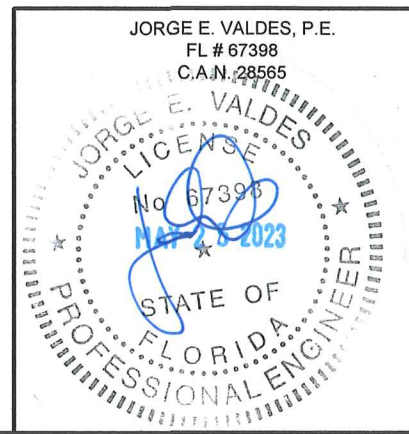
GLASS TYPE GL-2
1" (NOMINAL) LAMINATED-INSULATED

GLAZING DETAILS
SCALE: 1 : 1



APPROVED CONFIGURATIONS
SCALE: NTS

PRODUCT APPROVED
As complying with the Florida Building Code
NOA-No. **23-0504.03**
Approval Date: **06/08/2023**
By: *Manuel Perez*
Miami-Dade Product Control

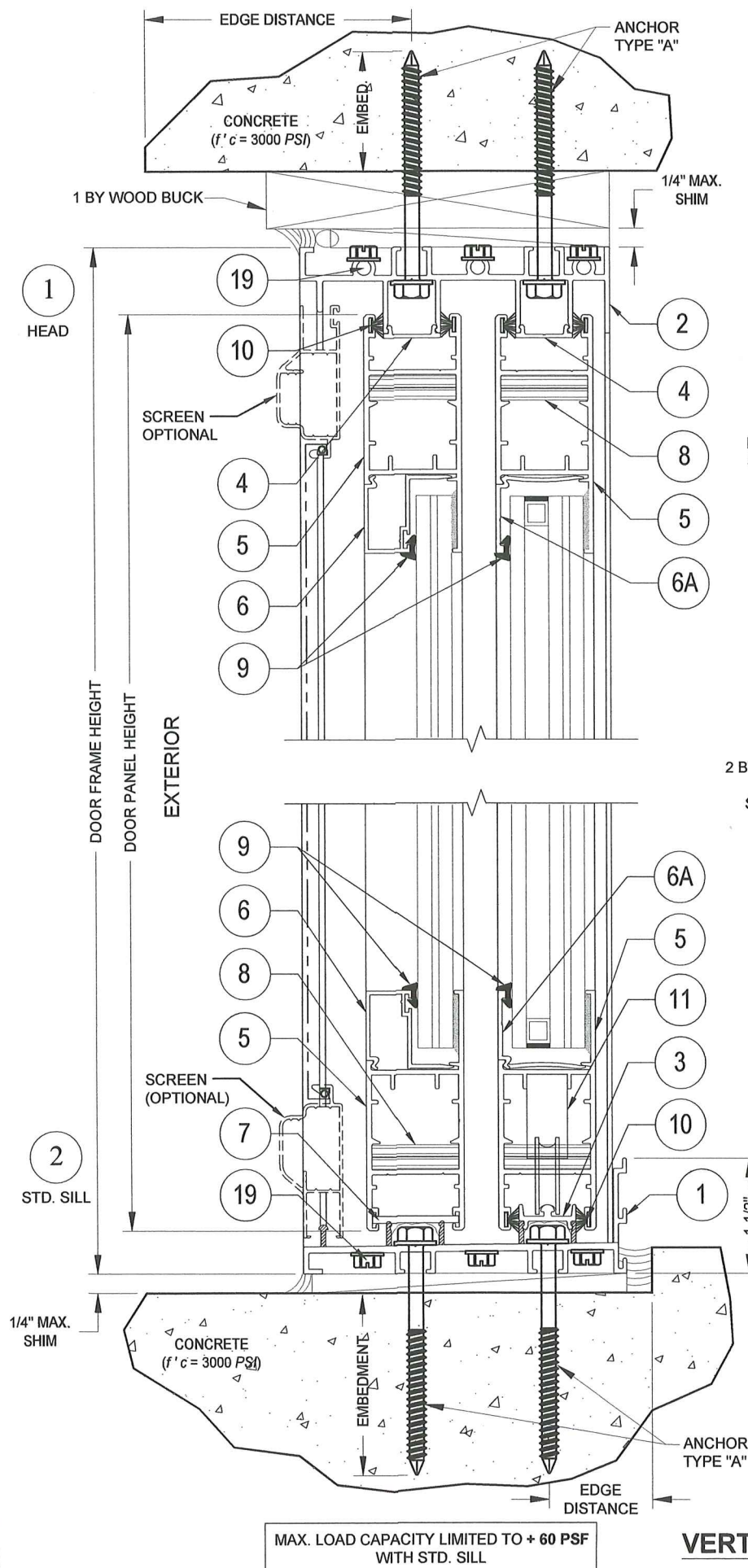


Miami Wall Systems, Inc.
701 WEST 25th STREET
HIALEAH, FL 33010
PHONE: (305) 888-2300 FAX: (305) 888-3058

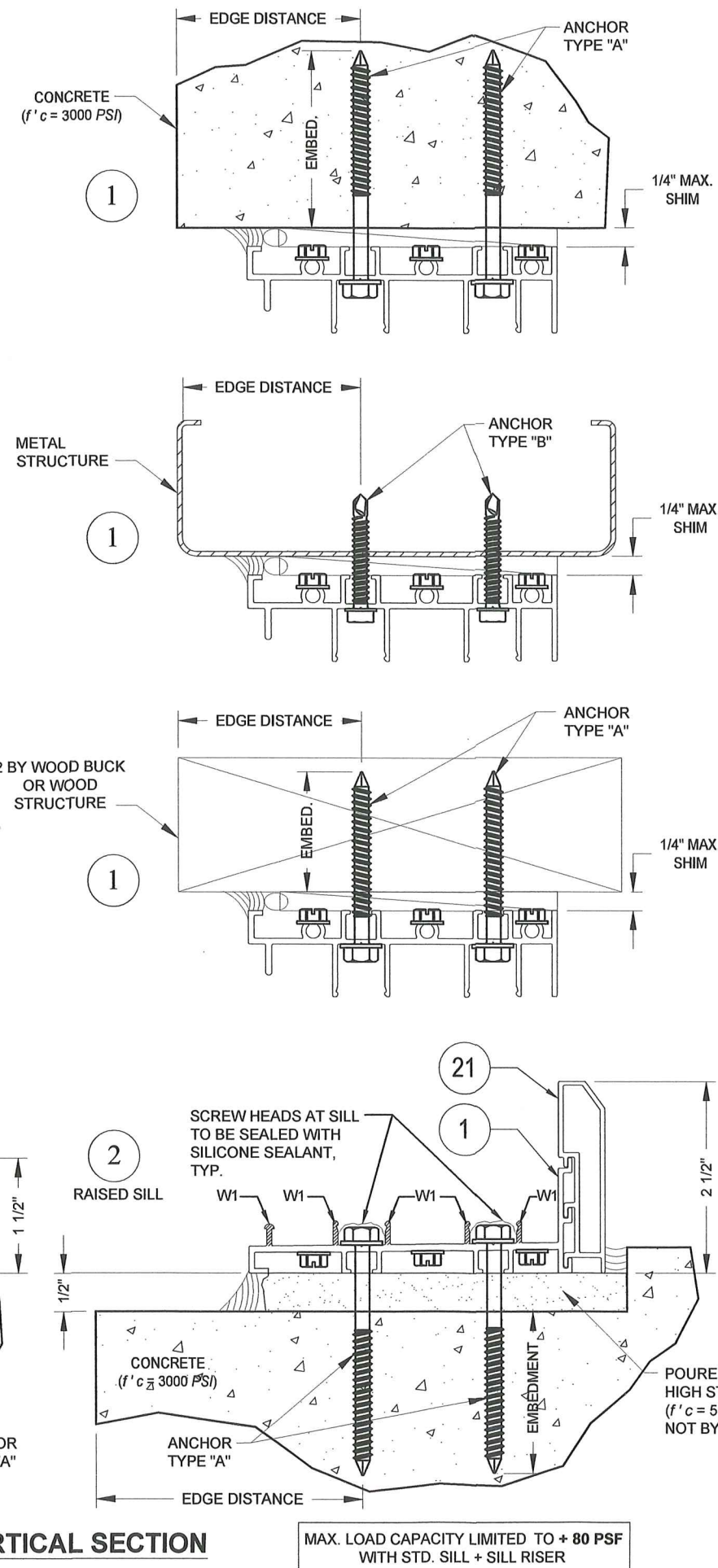
**SERIES 1000 ALUMINUM
SLIDING GLASS DOOR (LMI)**

REVISION	DATE	PER (RER)	COMMENTS
1	05-25-23		

DATE: 04/11/2023
SCALE: AS NOTED
DRAWN BY: RP
CHECKED BY: JV
DWG. No.: 1000 SGD-LM
SHEET: 2 OF 6



VERTICAL SECTION



TYPICAL ANCHORS (SEE ELEVATION FOR SPACING)

HEAD ANCHORS

TYPE "A": $\emptyset 1/4"$ ULTRACON® BY "DEWALT" ($F_u = 177 \text{ KSI}$, $F_y = 155 \text{ KSI}$)
 DIRECTLY INTO CONCRETE, WITH 1-3/4" MIN. EMBEDMENT ($f'c = 3000 \text{ PSI}$)
 INTO 2 BY WOOD BUCKS, WITH 1-3/8" MIN. EMBEDMENT ($SG = 0.55 \text{ MIN.}$)
 THRU 1 BY BUCKS INTO CONCRETE OR MASONRY, WITH 1-3/4" MIN. EMBEDMENT ($f'c = 3000 \text{ PSI}$)

TYPE "B": $\emptyset 1/4"$ DRIL-FLEX® BY "DEWALT" OR SELF DRILLING SCREW ($F_u = 92 \text{ KSI}$, $F_y = 120 \text{ KSI}$)
 INTO METAL STRUCTURES OR APPROVED MULLIONS:

STEEL: 1/8" THICK (11 GA) MIN. ($F_y = 36 \text{ KSI MIN.}$)
 ALUMINUM: 1/8" THICK MIN. (6063-T5 MIN.)

TYPE "B" ANCHORS MUST EXTEND A MINIMUM OF (3) THREADS BEYOND METAL SUBSTRATE AND MAY BE HEX HEAD, PAN HEAD OR FLAT HEAD.

REFER TO HEAD CLUSTER DETAIL 1 ON SHEET 1

SILL ANCHORS

TYPE "A": $\emptyset 1/4"$ ULTRACON® BY "DEWALT" ($F_u = 177 \text{ KSI}$, $F_y = 155 \text{ KSI}$)
 DIRECTLY INTO CONCRETE, WITH 1-3/4" MIN. EMBEDMENT ($f'c = 3000 \text{ PSI}$)

REFER TO SILL CLUSTER DETAIL 2 ON SHEET 1

JAMB ANCHORS

TYPE "A": $\emptyset 1/4"$ ULTRACON® BY "DEWALT" ($F_u = 177 \text{ KSI}$, $F_y = 155 \text{ KSI}$)
 DIRECTLY INTO CONCRETE BLOCK / MASONRY, WITH 1-3/4" MIN. EMBEDMENT ($f'm = 2000 \text{ PSI}$)
 INTO 2BY WOOD BUCKS, WITH 1-3/8" MIN. EMBEDMENT ($SG = 0.55 \text{ MIN.}$)
 THRU 1BY BUCKS INTO CONCRETE BLOCK / MASONRY, WITH 1-3/4" MIN. EMBEDMENT ($f'm = 2000 \text{ PSI}$)

TYPE "B": $\emptyset 1/4"$ DRIL-FLEX® BY "DEWALT" OR SELF DRILLING SCREW ($F_u = 92 \text{ KSI}$, $F_y = 120 \text{ KSI}$)
 INTO METAL STRUCTURES OR APPROVED MULLIONS:

STEEL: 1/8" THICK (11 GA) MIN. ($F_y = 36 \text{ KSI MIN.}$)
 ALUMINUM: 1/8" THICK MIN. (6063-T5 MIN.)

TYPE "B" ANCHORS MUST EXTEND A MINIMUM OF (3) THREADS BEYOND METAL SUBSTRATE AND MAY BE HEX HEAD, PAN HEAD OR FLAT HEAD.

ANCHOR EDGE DISTANCE:

INTO CONCRETE AND BLOCKS: 2-1/2" MIN.
 INTO WOOD STRUCTURES: 1-1/2" MIN.
 INTO METAL STRUCTURES: 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS ($f'c = 3000 \text{ PSI MIN.}$)
 ASTM C-90 HOLLOW OR GROUT FILLED CONCRETE BLOCKS AT JAMBS ($f'm = 2000 \text{ PSI MIN.}$)
 WOOD AT HEAD OR JAMBS ($SG = 0.55 \text{ MIN.}$)

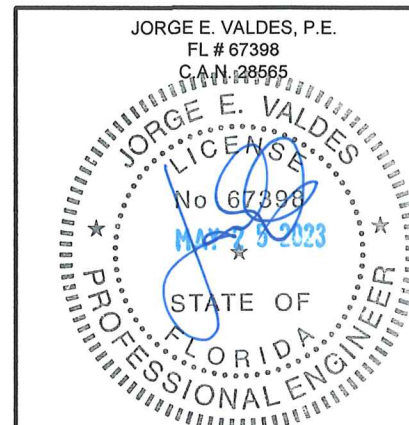
SEALANTS:

ALL FRAME AND PANEL JOINTS AND INSTALLATION SCREW HEADS AT SILL TO BE SEALED WITH SILICONE SEALANT.

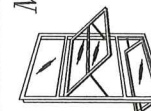
WEEP HOLES:

W1: 1" WIDE NOTCHED TRACK FINS, 8" FROM BOTH ENDS.

PRODUCT APPROVED
 As complying with the Florida Building Code
 NOA-No. **23-0504.03**
 Approval Date: **06/08/2023**
 By: *Manuel Torres*
 Miami-Dade Product Control



Miami Wall Systems, Inc.



SERIES 1000 ALUMINUM
SLIDING GLASS DOOR (LMI)

701 WEST 25TH STREET
HIALEAH, FL 33010

PHONE: (305) 888-2300 FAX: (305) 888-3058

REVISION	DATE	PER (RER)	COMMENTS
1	05-25-23		
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

DATE: 04/11/2023

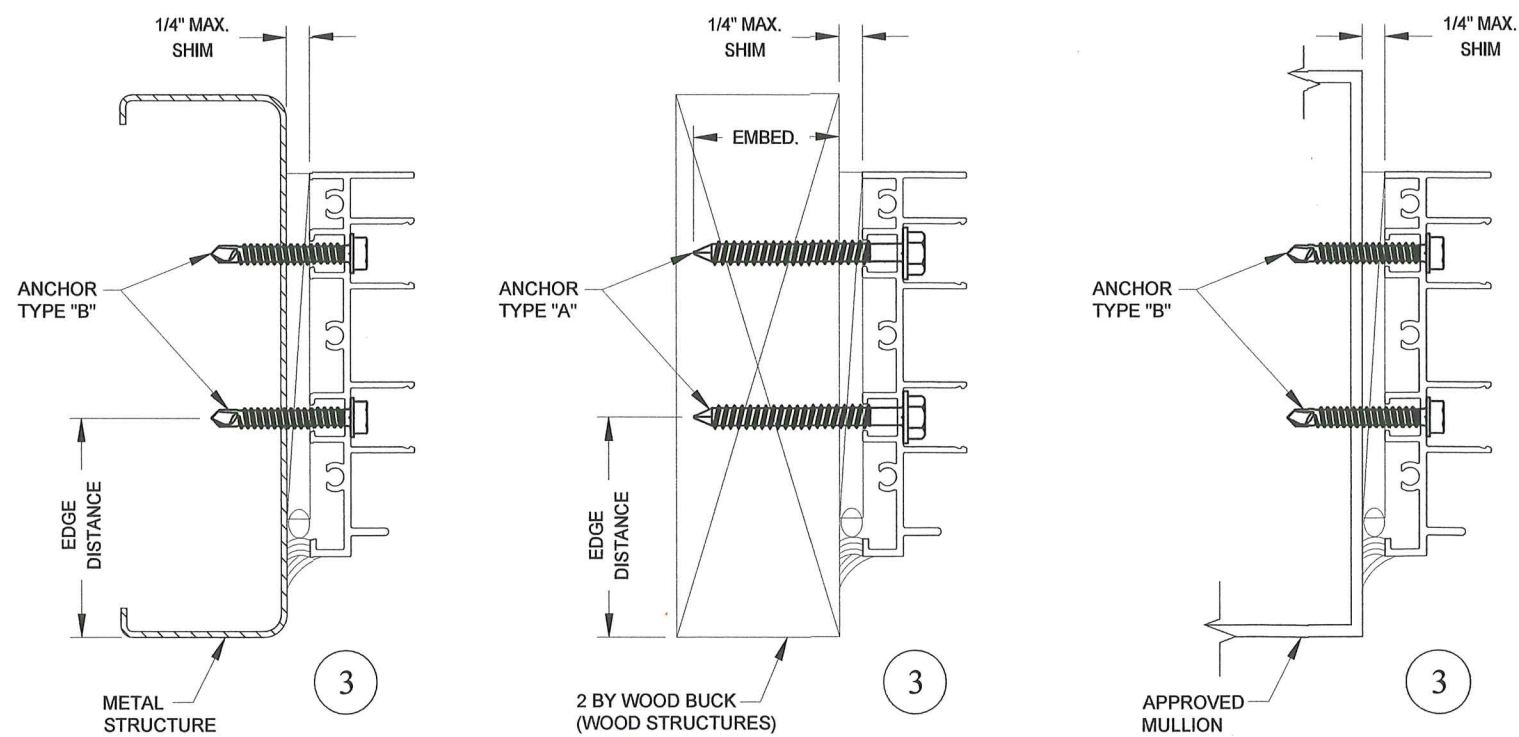
SCALE: AS NOTED

DRAWN BY: RP

CHECKED BY: JV

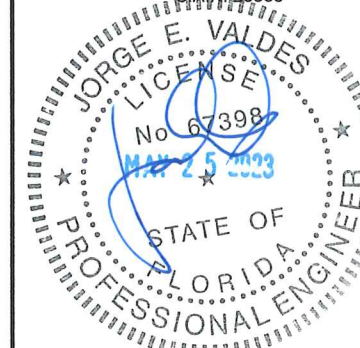
DWG. No.: 1000 SGD-LM

SHEET: 3 OF 6



PRODUCT APPROVED
As complying with the Florida
Building Code
NOA-No. 23-0504.03
Approval Date: 06/08/2023
By: Manuel Perez
Miami-Dade Product Control

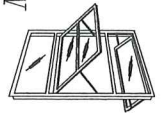
JORGE E. VALDES, P.E.
FL # 67398
CAN. 28565

[illegible]

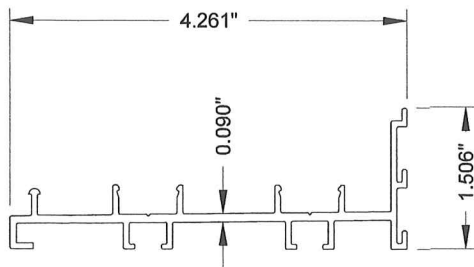
Miami Wall Systems, Inc.

701 WEST 25th STREET
HIALEAH, FL 33010

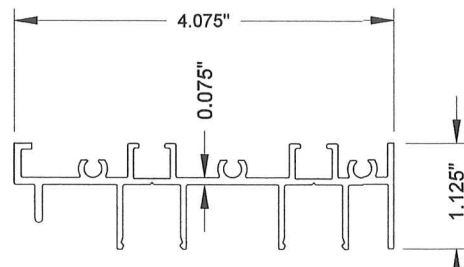
PHONE: (305) 888-2300 FAX: (305) 888-3058



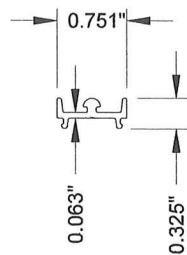
**SERIES 1000 ALUMINUM
SLIDING GLASS DOOR (LMI)**



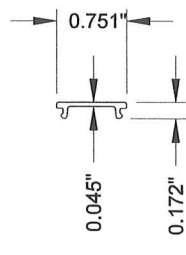
1 FRAME SILL
MAT: ALUM. ALLOY 6063-T5



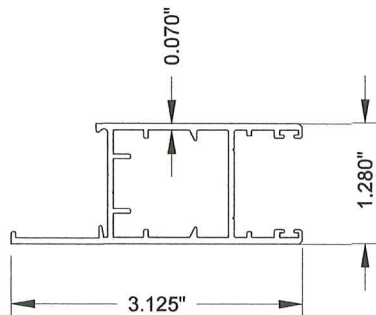
2 FRAME HEAD / JAMB
MAT: ALUM. ALLOY 6063-T6



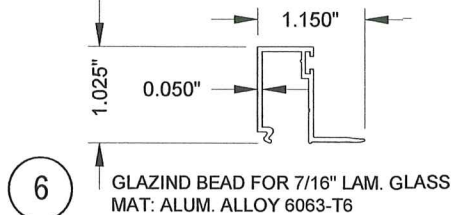
3 SILL TRACK
MAT: ALUM. ALLOY 6063-T6



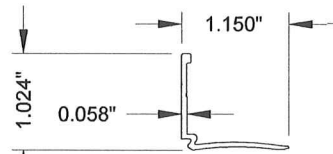
4 FASTENER COVER
MAT: ALUM. ALLOY 6063-T6



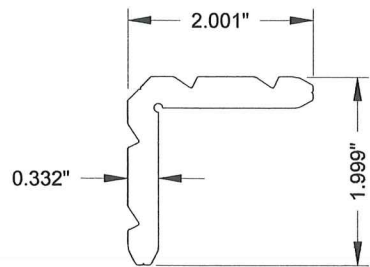
5 PANEL TOP / BOTTOM
MAT: ALUM. ALLOY 6063-T6



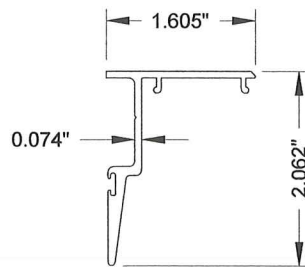
6 GLAZING BEAD FOR 7/16" LAM. GLASS
MAT: ALUM. ALLOY 6063-T6



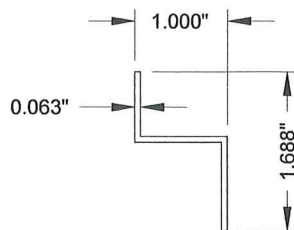
6A GLAZING BEAD FOR 1" LAM.-INSUL. GLASS
MAT: ALUM. ALLOY 6063-T6



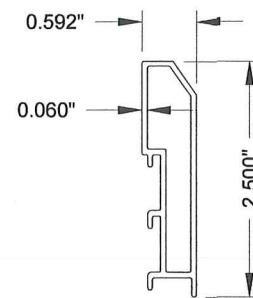
8 CORNER LOCK
MAT: ALUM. ALLOY 6063-T5



12 INTERLOCK ADAPTER
MAT: ALUM. ALLOY 6063-T6



13 Z CLIP ANGLE
MAT: ALUM. BRAKED METAL

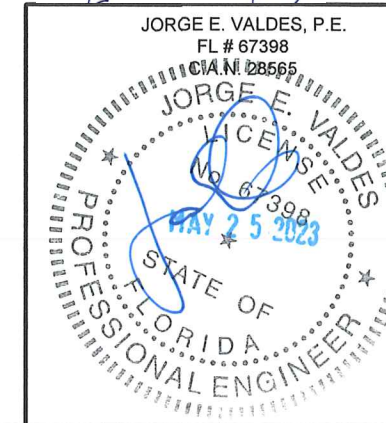


21 SILL RISER
MAT: ALUM. ALLOY 6063-T6

BILL OF MATERIALS

ITEM	PART No.	QTY.	PART DESCRIPTION	MANUF. / REMARKS
1	1000-001	1	FRAME SILL	-
2	1000-007	3	FRAME HEAD / JAMB	-
3	1000-003	1	SILL TRACK	-
4	1000-008	6	FASTENER COVER	-
5	1000-004	8	PANEL TOP / BOTTOM	-
6	1000-005	8	GLAZING BEAD FOR 7/16" LAMINATED GLASS	-
6A	1000-006	8	GLAZING BEAD FOR 1" LAMINATED-INSULATED GLASS	-
7	1 1/8" x 2" x 0.09"	2	FIXED PANEL SUPPORT PLATE	AT FIXED PANEL 4" FROM ENDS
8	80-450	8	CORNER LOCK	-
9	G-027-281	AS REQ'D	GLAZING BEAD GASKET	-
10	W33241N000G	AS REQ'D	0.187" x 0.240" FIN SEAL WEATHERSTRIP	-
11	ROLLER	2 / OPER. PANEL	SIDE ADJUST TANDEM ROLLER W / S. STEEL HOUSING & WHEEL	AT OPERABLE PANEL 6" FROM ENDS
12	1000-010	1 / PANEL	INTERLOCK ADAPTER	-
13	-	2/FXD PANEL	Z CLIP ANGLE (6" LONG)	AT FIXED JAMB 6" FROM ENDS
14	MORTISE LOCK	1	SINGLE POINT DEAD LATCH WITH 3 PLY S. STEEL HOOK LOCK	-
	HANDLE	1	OUTSIDE PULL FINGER GRIP	-
	PULL GRIP	1	INSIDE HANDLE	-
	-	1	THUMB TURN	-
15	-	1	KEEPER (S. STEEL)	AT FRAME JAMB (LOCK SIDE)
16	-	2	#10 x 1-1/4" PHP. PH. SS. SMS. KEEPER SCREW	-
17	-	AS REQ'D	#10 x 1/2" PHP. FH. SS. UNDERCUT SMS.	-
18	-	2 / Z CLIP	#10 x 1/2" PHP. PH. SS. SMS. Z CLIP SCREW	-
19	-	12 / FRAME	#12 x 1" HWH. SMS. TYPE A, FRAME ASSEMBLY SCREW	-
20	-	AS REQ'D	Ø1/4" HWH. INSTALLATION FASTENER (AT HEAD, SILL, JAMB)	-
21	1000-002	1	SILL RISER	-

PRODUCT APPROVED
As complying with the Florida
Building Code
NOA-No. **23-0504.03**
Approval Date: **06/08/2023**
By: *Manuel Torres*
Miami-Dade Product Control



Miami Wall Systems, Inc.
701 WEST 25th STREET
HIALEAH, FL 33010
PHONE: (305) 888-2300 FAX: (305) 888-3058

SERIES 1000 ALUMINUM
SLIDING GLASS DOOR (LMI)

REVISION	DATE	PER (RER)	COMMENTS
1	05-25-23		
DATE: 04/11/2023			
SCALE: AS NOTED			
DRAWN BY: RP			
CHECKED BY: JV			
DWG. No.: 1000 SGD-LM			
SHEET: 5 OF 6			

