

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

WinDoor, Inc. 104 Triple Diamond Blvd. North Venice, FL 34275

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 "7000" Aluminum Sliding Glass Door W/ WO Reinforcements – L.M.I.

APPROVAL DOCUMENT: Drawing No. **7000 HP LMI NOA,** titled "Aluminum Sliding Glass Door (LMI) sheet 1 through 16 of 16, dated 04/30/2020 with Rev. B dated 06/02/2023, prepared, signed and sealed by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control Section Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, 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 **renews and revises NOA No. 20-0806.04** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Sifang Zhao, P. E.



6.2.

06/08/2023

NOA No. 23-0511.02 Expiration Date: June 06, 2028 Approval Date: June 08, 2023 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (*Submitted under NOA No. 12-820.09*)
- 2. Drawing No. 08-01663, titled "7000 HP Series LMI Reinforced & Non–Reinforced", sheets 1, 2, 2A, 2B and 3 through 14 of 14, prepared by manufacturer, dated 07/03/12 with Revision E dated 11/30/17, signed and sealed by Luis R. Lomas, 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 marked-up drawings and installation diagram of Aluminum Sliding Glass with and without Reinforcements, prepared by National Certified Testing Laboratories, Inc., Test Report No. **NCTL-210-3779-1**, dated 05/08/12 signed and sealed by Gerald J, Ferrara, P.E. (*Submitted under NOA No. 12-820.09*)

C. CALCULATIONS

- 1. Anchor verification calculations complying with **FBC 5th Edition** (2014), dated 07/10/15 with last revised on 04/04/16, prepared, signed and sealed by Luis R. Lomas, P.E.
- **2.** Anchor verification calculations complying with FBC 6th Edition (2017), dated 11/30/17, prepared, signed and sealed by Luis R. Lomas, P.E.
- **3.** Glazing complies with ASTM E1300–04/ 09

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 14-0916.10 issued to Kuraray America, Inc., for "Kuraray Butacite ® PVB Glass Interlayer", expiring on 12/11/2016.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)** and of no financial interest, issued, prepared, signed, sealed and dated 06/08/15 by Luis R. Lomas, P. E.

G. OTHERS

1. This NOA revises and renews NOA #15-0723.11, expiring on 06/06/18.

Sifang Zhao, P. E. Product Control Examiner NOA No. 23-0511.02 Expiration Date: June 06, 2028 Approval Date: June 08, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER NOA#20-0806.04

A. DRAWINGS

1. Drawing No. 7000 HP LMI NOA, titled "Aluminum Sliding Glass Door (LMI) sheet 1 through 16 of 16, dated 07/22/20, prepared, signed and sealed by Anthony Lynn Miller, 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

along with marked-up drawings and installation diagram of WinDoor, Inc. representative units listed below and tested to qualify Dowsil 791 and Dowsil 983 silicones, per Proposal #19-1155TP.

Test Report	Product N	lame	Unit in	Signed and Sealed	Date
			TP		
FTL 20-1078.1	WinDoor	PW3000 Aluminum Fixed Lite	11	Idalmis Ortega, P.E.	08/24/20
FTL 20-1078.2	WinDoor	HR9470 Thermally Broken Aluminum Horizontal Roller	12	Idalmis Ortega, P.E.	08/24/20
FTL 20-1078.3	WinDoor	SGD8100 Aluminum Sliding Glass Door	13	Idalmis Ortega, P.E.	08/24/20
FTL 20-1078.4	WinDoor	HR9470 Thermally Broken Aluminum Horizontal Roller	14	Idalmis Ortega, P.E.	08/24/20
FTL 20-1078.5	WinDoor	PW9020 Thermally Broken Aluminum Fixed Lite	15	Idalmis Ortega, P.E.	08/24/20
FTL 20-1078.6	WinDoor	PW9020 Thermally Broken Aluminum Fixed Lite	16	Idalmis Ortega, P.E.	08/24/20

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. NOA No. 19-0305.02 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 05/09/19, expiring on 07/08/24.

F. STATEMENTS

- 1. Statement letter of conformance, of complying with FBC 6th Edition (2017), and FBC 7th Edition (2020), and of no financial interest, dated July 29, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
- 2. Notification of Successor Engineer for manufacturer's NOA document per Section 61G15-27.001 of the Florida Administrative Code dated July 29, 2020, signed and sealed by Anthony Lynn Miller, P.E.
- **3.** Proposal No. 19-1155 TP issued by the Product Control Section, dated January 10, 2020, signed by Ishaq Chanda, P.E.

G. OTHERS

1. This NOA revises NOA #17-1219.08 expiring on 06/06/23.

Sifang Zhao, P. E. Product Control Examiner NOA No. 23-0511.02 Expiration Date: June 06, 2028 Approval Date: June 08, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 7000 HP LMI NOA, titled "Aluminum Sliding Glass Door (LMI) sheet 1 through 16 of 16, dated 04/30/2020 with Rev. B dated 06/02/2023, prepared, signed and sealed by Anthony Lynn Miller, 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. NOA No. 19-0305.02 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 05/09/19, expiring on 07/08/24.

F. STATEMENTS

1. Statement letter of conformance, of complying with FBC 7th Edition (2020) and FBC 8th Edition (2023) and of no financial interest, dated June 2, 2023, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

G. OTHERS

1. This NOA renews NOA #20-0806.04, expiring on 06/06/23.

Sifang Zhao, P. E. Product Control Examiner NOA No. 23-0511.02 Expiration Date: June 06, 2028 Approval Date: June 08, 2023

NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 7TH EDITION (2020) AND 8TH EDITION (2023) INCLUDING THE HVHZ.
- 2. WOOD FRAMING/2X BUCK, 20 GA. 2X WOOD BACKED STEEL STUD OR MASONRY/CONCRETE OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. WOOD FRAMING/2X BUCK, 20 GA. 2X WOOD BACKED STEEL STUD OR MASONRY/CONCRETE OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD. 1X BUCK MUST BE PROPERLY SECURED TO TRANSFER ALL LOADS TO THE STRUCTURE, TO BE REVIEWED BY THE AHJ.
- 4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 5. FRAME AND PANEL MATERIAL: ALUMINUM 6063-T6
- 6. UNITS MUST BE GLAZED PER ASTM E1300-04/09, SEE SHEET 9 FOR GLAZING OPTIONS.
- 7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN AREAS WHERE WIND BORNE DEBRIS PROTECTION IS REQUIRED.
- 8. APPROVED TO BE INSTALLED ON A 2 TRACK, 3 TRACK OR 4 TRACK FRAME SYSTEM WITH OR WITHOUT POCKETS.
- 9. ALL FRAME SYSTEMS, 2 TRACK, 3 TRACK AND 4 TRACK, WILL HAVE THE FOLLOWING ANCHOR QUANTITIES PER ANCHOR LOCATION:
 - A. HEAD, SILL, JAMBS: 2 ANCHORS PER LOCATION
 - B. HOOK STRIP: 1 ANCHOR PER LOCATION.
- 10. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" ITW TAPCON (FY=100 KSI; FU=125 KSI) WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE AND 1 3/8" MINIMUM SEPARATION. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 11. FOR ANCHORING INTO WOOD FRAMING, 2X BUCK OR WOOD BACKED STEEL STUD USE #10 (GRADE 5) WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT AND 3/4" MINIMUM EDGE DISTANCE INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 12. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM TO BE 1/4".
- 13. ALL FASTENERS TO BE CORROSION RESISTANT.
- 14. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, ALL HEAD TYPES APPLICABLE AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 3,200 PSI.
 - C. MASONRY STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL BACKED FRAMING 20 GA (.040) MINIMUM THICKNESS (TO BE USED WITH WOOD FRAMING)

PANEL CONSTRUCTION:

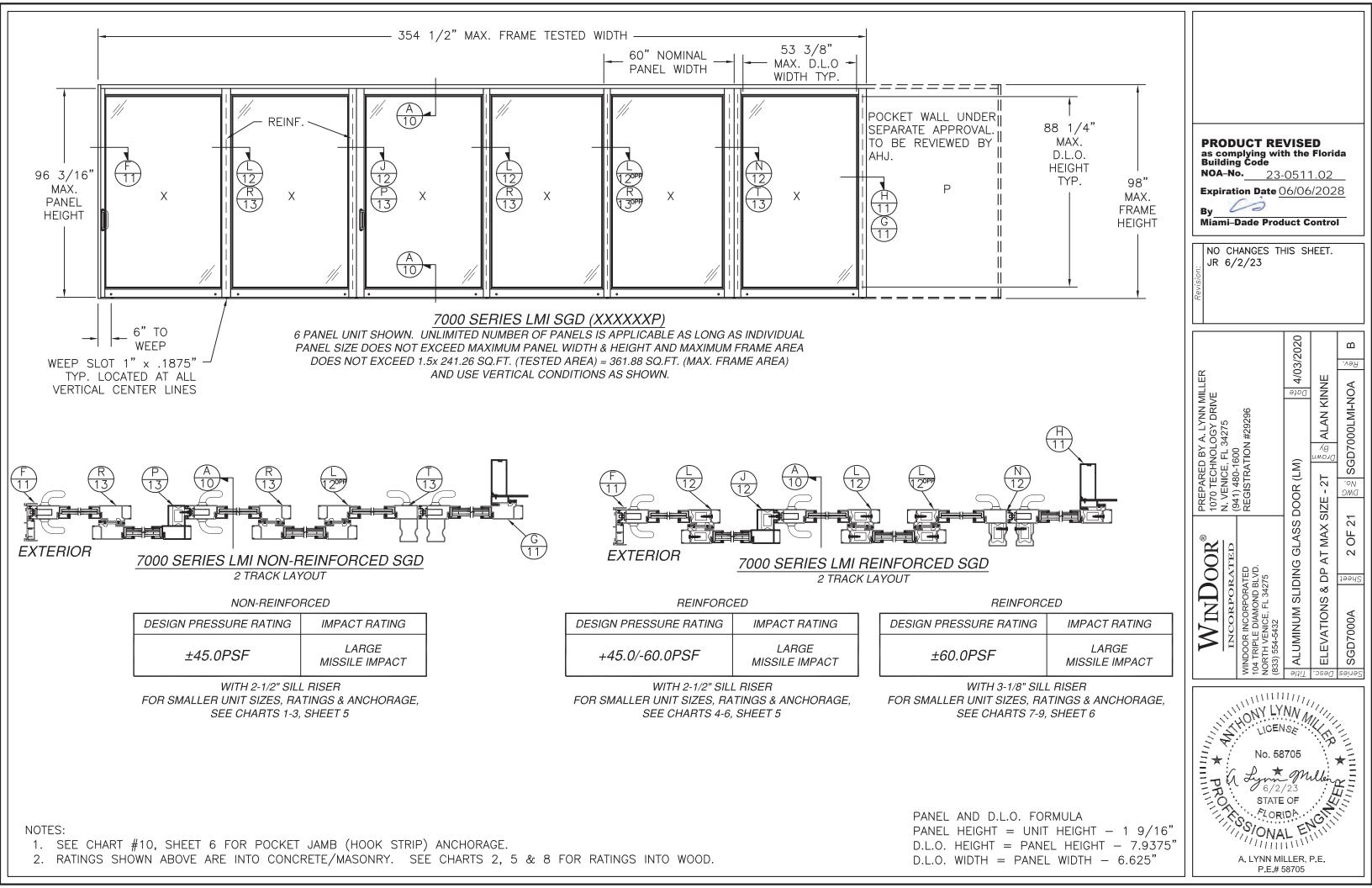
ALL PANELS ARE CONSTRUCTED FROM EXTRUDED 6063-T6 ALUMINUM. VERTICAL STILES ARE NOTCHED TO RECEIVE HORIZONTAL RAILS. EACH RAIL IS SECURED TO STILES WITH (3) #10 x 1 1/4" SQ. DRIVE SCREW AT EACH END, B.O.M. ITEM #47. ALL PANELS HAVE A FIXED GLAZING STOP ON THE INTERIOR AND AN APPLIED GLAZING STOP ON THE EXTERIOR.

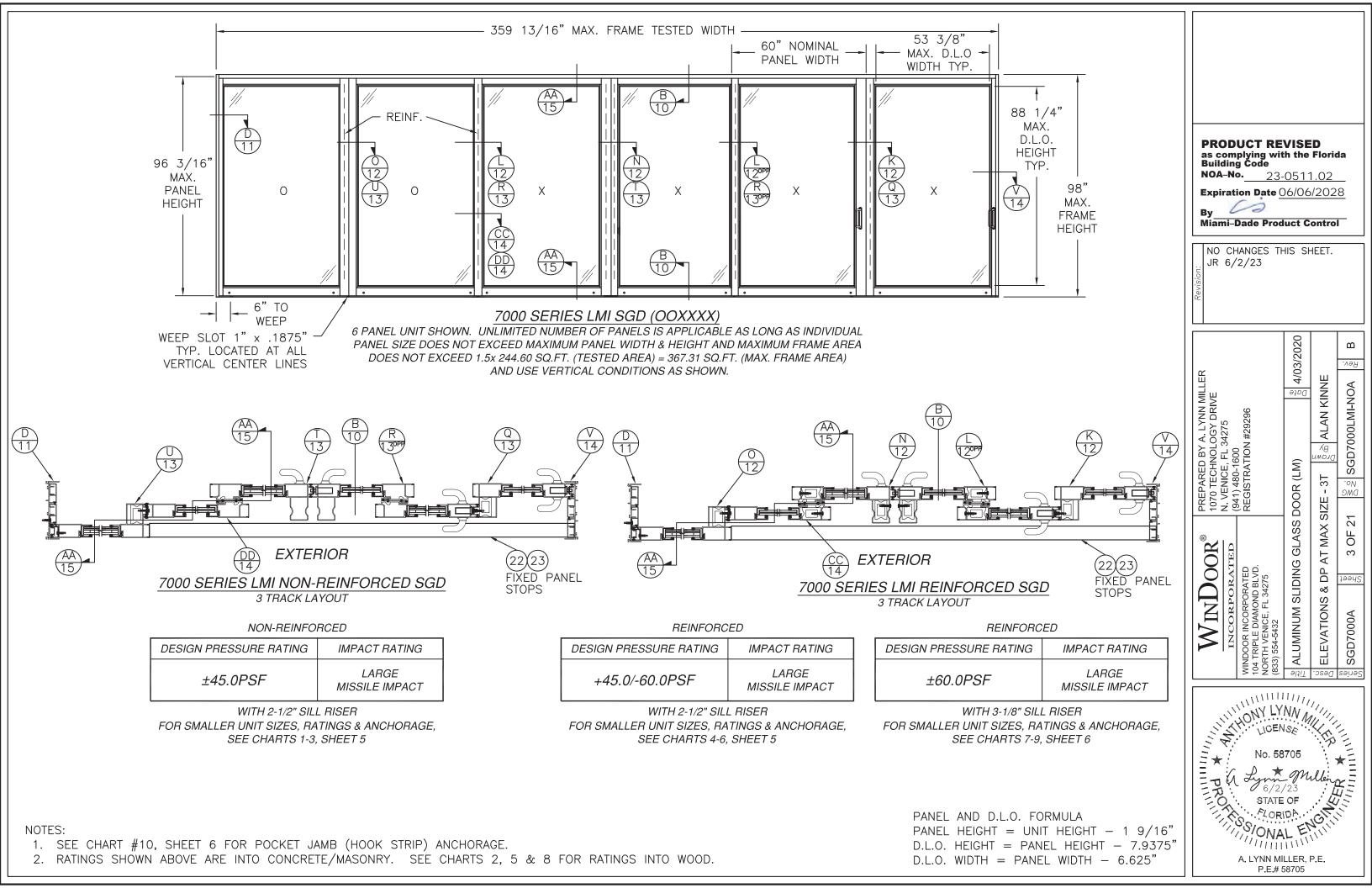
FRAME CONSTRUCTION:

EACH FRAME CORNER IS NOTCHED AND BUTTED. HEAD AND SILL ARE SECURED TO JAMBS WITH #8 x 1" TYPE F SCREW, B.O.M. ITEM #48, (2) AT EACH CORNER ON 2 TRACK FRAME, (3) AT EACH CORNER ON 3 TRACK FRAME AND (4) AT EACH CORNER ON 4 TRACK FRAME.

SHEET NO.DESCRIPTION1GENERAL NOTE2-4ELEVATIONS	
2-4 ELEVATIONS	
5-6 DP & ANCHORA	OL CHARTS
7 ANCORAGE DET	TAILS
8 BILL OF MATERI	ALS
9 GLAZING DETAIL	_S
10-15 SECTION VIEWS	3
16-19 INSTALLATION D	ETAILS
20-21 EXTRUSIONS	
·	

as co Build NOA-	om ling -No rati	UCT RE plying wit Code 23- con Date (Dade Prod	h the 0511 06/06	Florid .02 /202	8
		DED 2023 2/23	FBC.		
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE	N. VENICE, FL 34273 10441 480-1600	REGISTRATION #29296	DOOR (LM)		1 BWG SGD7000LMI-NOA R
WINDOOR®	INCORPORATED	WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD. NORTH VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (LM)		Series Scheet 1 OF 21
Martin * PRCIN		No. 58		Der C	





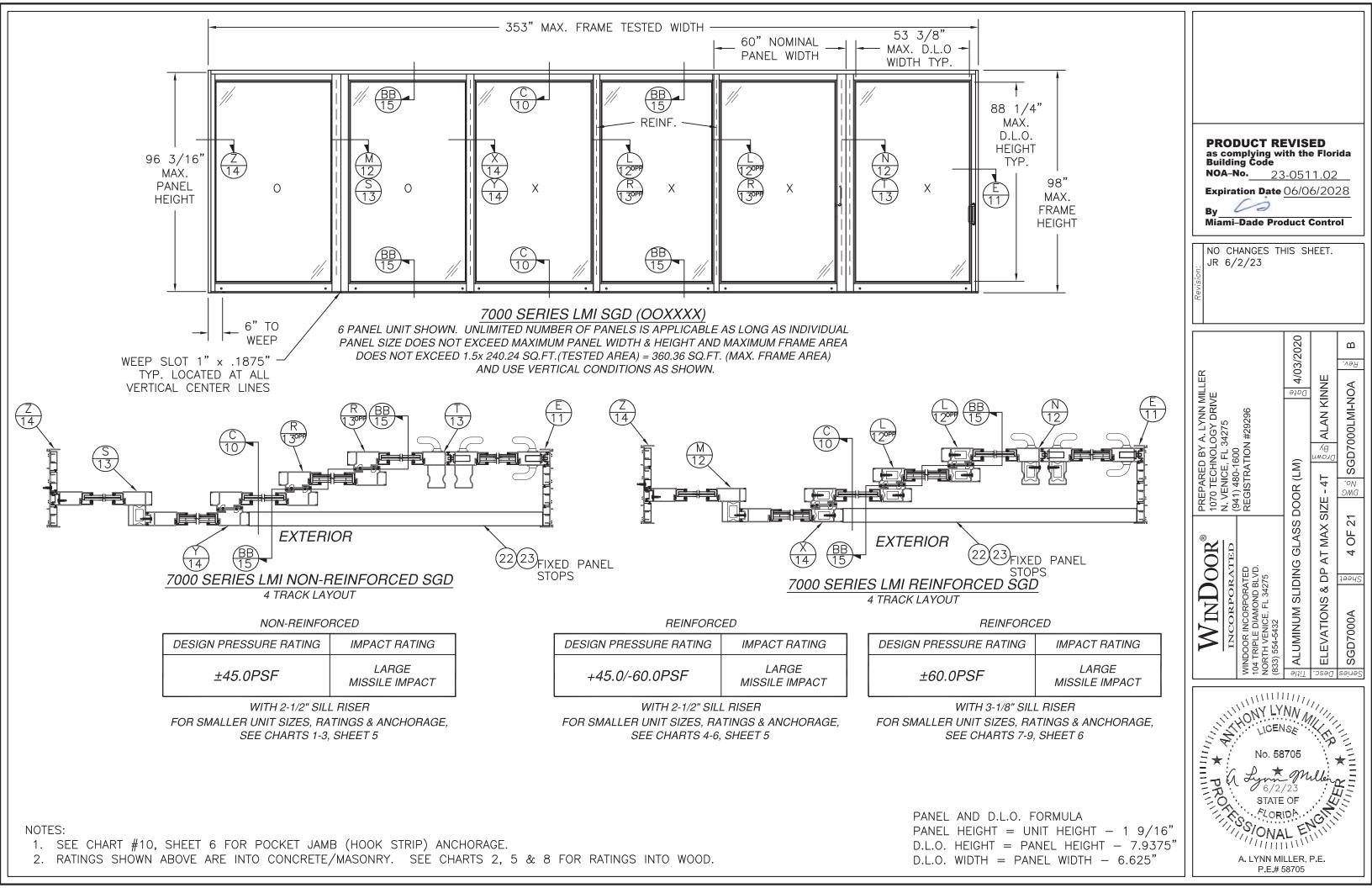


CHART #1 MASONRY/CONCRETE INSTALLATION - NON-REINFORCED - 2-1/2" SILL RISER

CHART #2 WOOD INSTALLATION - NON-REINFORCED - 2-1/2" SILL RISER

				Мах	imum D	esign P	ressure	Capacit	y Chart	(psf)				
Frame						1	Panel W	'idth (in,)					
Height	24	l.0	30	0.0	36	i.0	42	2.0	48	8.0	54	.0	60	.0
(in)	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
82.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	58.8	58.8
84.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.6	59.6	56.7	56.7
96.0	60.0	60.0	60.0	60.0	60.0	60.0	58.3	58.3	53.1	53.1	49.3	49.3	46.4	46.4
98.0	60.0	60.0	60.0	60.0	60.0	60.0	56.8	56.8	51.7	51.7	47.9	47.9	45.0	45.0

				Мах	imum D	esign P	ressure	Capacit	y Chart	(psf)				
Frame						1	Panel W	idth (in))					
Height	24	.0	30	.0	36	.0	42	.0	48	.0	54	.0	60	.0
(in)	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
82.0	60.0	60.0	60.0	60.0	53.3	53.3	39.2	39.2	49.7	49.7	46.5	46.5	38.4	38.4
84.0	60.0	60.0	60.0	60.0	53.3	53.3	39.2	39.2	48.0	48.0	44.9	44.9	38.4	38.4
96.0	60.0	60.0	56.9	56.9	49.2	49.2	39.2	39.2	40.0	40.0	37.1	37.1	34.9	34.9
98.0	60.0	60.0	55.5	55.5	48.0	48.0	39.2	39.2	38.9	38.9	36.1	36.1	33.9	33.9

CHART #3 MASONRY/CONCRETE & WOOD INSTALLATION - NON-REINFORCED - 2-1/2" SILL RISER

								Numbe	r of Anci	hor Loc	ations l	Required	d (Pairs)								
Frame										Pan	el Widtl	n (in)									
Height		24.0			30.0			36.0			42.0			48.0			54.0			60.0	
(in)	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster
82.0	1	7	4	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	4
84.0	1	7	4	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	4
96.0	1	8	4	1	8	4	1	8	4	1	8	4	2	8	4	2	8	4	2	8	4
98.0	1	8	4	1	8	4	1	8	4	1	8	4	2	8	4	2	8	4	2	8	4

CHART #4 MASONRY/CONCRETE INSTALLATION - REINFORCED - 2-1/2" SILL RISER

				Мах	imum D	esign P	ressure	Capacit	y Chart	(psf)				
Frame						1	Panel W	'idth (in)					
Height	24	.0	30	0.0	36	i.0	42	2.0	48	.0	54	l. 0	60	0.0
(in)	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
82.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	58.8	75.0
84.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	59.6	75.0	56.7	75.0
96.0	60.0	75.0	60.0	75.0	60.0	75.0	58.3	75.0	53.1	70.8	49.3	65.7	46.4	61.8
98.0	60.0	75.0	60.0	75.0	60.0	75.0	56.8	75.0	51.7	68.9	47.9	63.8	45.0	60.0

CHART #5 WOOD INSTALLATION - REINFORCED - 2-1/2" SILL RISER

				Мах	imum D	esign P	ressure	Capacit	y Chart	(psf)				
Frame						1	Panel W	idth (in))					
leight	24	.0	30	0.0	36	.0	42	.0	48	.0	54	.0	60	.0
(in)	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
82.0	60.0	75.0	60.0	68.8	53.3	53.3	54.0	54.0	49.7	49.7	47.4	47.4	57.6	57.6
84.0	60.0	75.0	60.0	66.8	53.3	53.3	52.2	52.2	48.0	48.0	47.4	47.4	56.7	57.6
96.0	60.0	68.6	56.9	56.9	49.2	49.2	58.3	65.8	53.1	60.0	47.4	47.4	46.4	52.4
98.0	60.0	67.0	55.5	55.5	48.0	48.0	56.8	64.1	51.7	58.4	47.4	47.4	38.4	38.4

CHART #6

MASONRY/CONCRETE & WOOD INSTALLATION - REINFORCED - 2-1/2" SILL RISER

								Numbe	r of Anci	hor Loc	ations l	Requirec	l (Pairs)								
Frame										Pan	el Width	n (in)									
Height		24.0			30.0			36.0			42.0			48.0			54.0			60.0	
(in)	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster
82.0	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	6	3	7	6
84.0	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	6	3	7	6
96.0	1	8	4	1	8	4	1	8	4	2	8	6	2	8	6	2	8	6	3	8	6
98.0	1	8	4	1	8	4	1	8	4	2	8	6	2	8	6	2	8	6	2	8	6

NOTE:

1. TWO (2) ANCHORS PER LOCATION IS REQUIRED. TOTAL NUMBER OF ANCHORS MUST BE TWICE THE NUMBER OF ANCHORS SHOWN IN CHARTS. EXCEPT FOR POCKET JAMB ANCHORS. EXAMPLE:

ANCHORS FOR A UNIT WITH 24" WIDE PANELS AND 98" FRAME HEIGHT (SEE CHARTS #3 AND #10 POCKET JAMB).

HEAD INTERMEDIATE ANCHOR LOCATIONS: 1 TOTAL HEAD ANCHORS: 2 TOTAL JAMB ANCHORS: 16

JAMB ANCHOR LOCATIONS: 8

POCKET ANCHOR LOCATIONS: 9

- SILL INTERMEDIATE ANCHOR LOCATIONS: 1 ICLUSTER ANCHOR LOCATIONS: 4
- TOTAL SILL ANCHORS: 2
 - TOTAL ICLUSTER ANCHORS: 8
 - TOTAL POCKET ANCHORS: 9



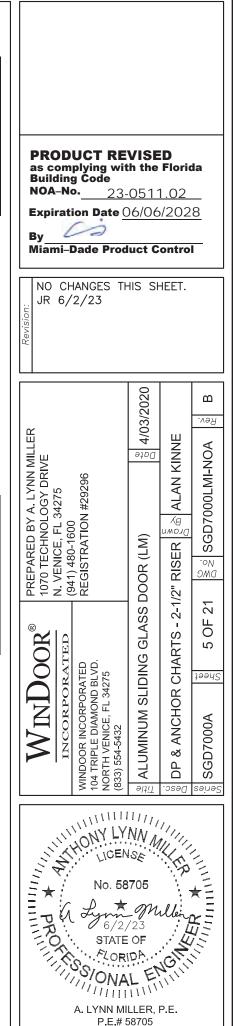


CHART #7 MASONRY/CONCRETE INSTALLATION - REINFORCED - 3-1/8" SILL RISER

CHART #8 WOOD INSTALLATION - REINFORCED - 3-1/8" SILL RISER

				Мах	imum D	esign P	ressure	Capacit	y Chart	(psf)									Мах	imum D	esign P	ressure	Capacit	y Chart	(psf)				
Frame						l	Panel W	idth (in))						Frame						I	Panel W	'idth (in))					
Height		.0	30	.0	36	i.0	42	.0	48	.0	54	1.0	60	0.0	Height		1.0	30	0.0	36	.0	42	.0	48	.0	54	.0	60).0
(in)	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	(in)	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
82.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	82.0	75.0	75.0	68.8	68.8	53.3	53.3	54.0	54.0	49.7	49.7	47.4	47.4	57.6	57.6
84.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	84.0	75.0	75.0	66.8	66.8	53.3	53.3	52.2	52.2	48.0	48.0	47.4	47.4	57.6	57.6
96.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	70.8	70.8	65.7	65.7	61.8	61.8	96.0	68.6	68.6	56.9	56.9	49.2	49.2	65.8	65.8	60.0	60.0	47.4	47.4	52.4	52.4
98.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	68.9	68.9	63.8	63.8	60.0	60.0	98.0	67.0	67.0	55.5	55.5	48.0	48.0	64.1	64.1	58.4	58.4	47.4	47.4	38.4	38.4

CHART #9 MASONRY/CONCRETE & WOOD INSTALLATION - REINFORCED - 3-1/8" SILL RISER

								Numbe	r of Anc	hor Loc	ations l	Required	l (Pairs)								
Frame										Pan	el Widtl	n (in)									
Height		24.0			30.0			36.0			42.0			48.0			54.0			60.0	
(in)	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster
82.0	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	6	3	7	6
84.0	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	6	3	7	6
96.0	1	8	4	1	8	4	1	8	4	2	8	6	2	8	6	2	8	6	3	8	6
98.0	1	8	4	1	8	4	1	8	4	2	8	6	2	8	6	2	8	6	2	8	6

CHART #10 POCKET JAMB (HOOK STRIP) ANCHORS

	lumber	of Ancl	hor Loca	ations R	equired	(Single)
Frame			Pan	el Width	n (in)		
Height	24.0	30.0	36.0	42.0	48.0	54.0	60.0
(in)	Hook	Hook	Hook	Hook	Hook	Hook	Hook
82.0	8	8	8	8	8	8	8
84.0	8	8	8	8	8	8	8
96.0	9	9	9	9	9	9	9
98.0	9	9	9	9	9	9	9

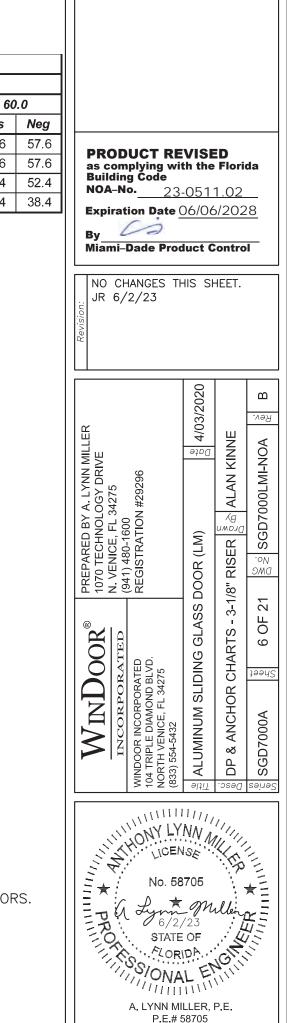
NOTE:

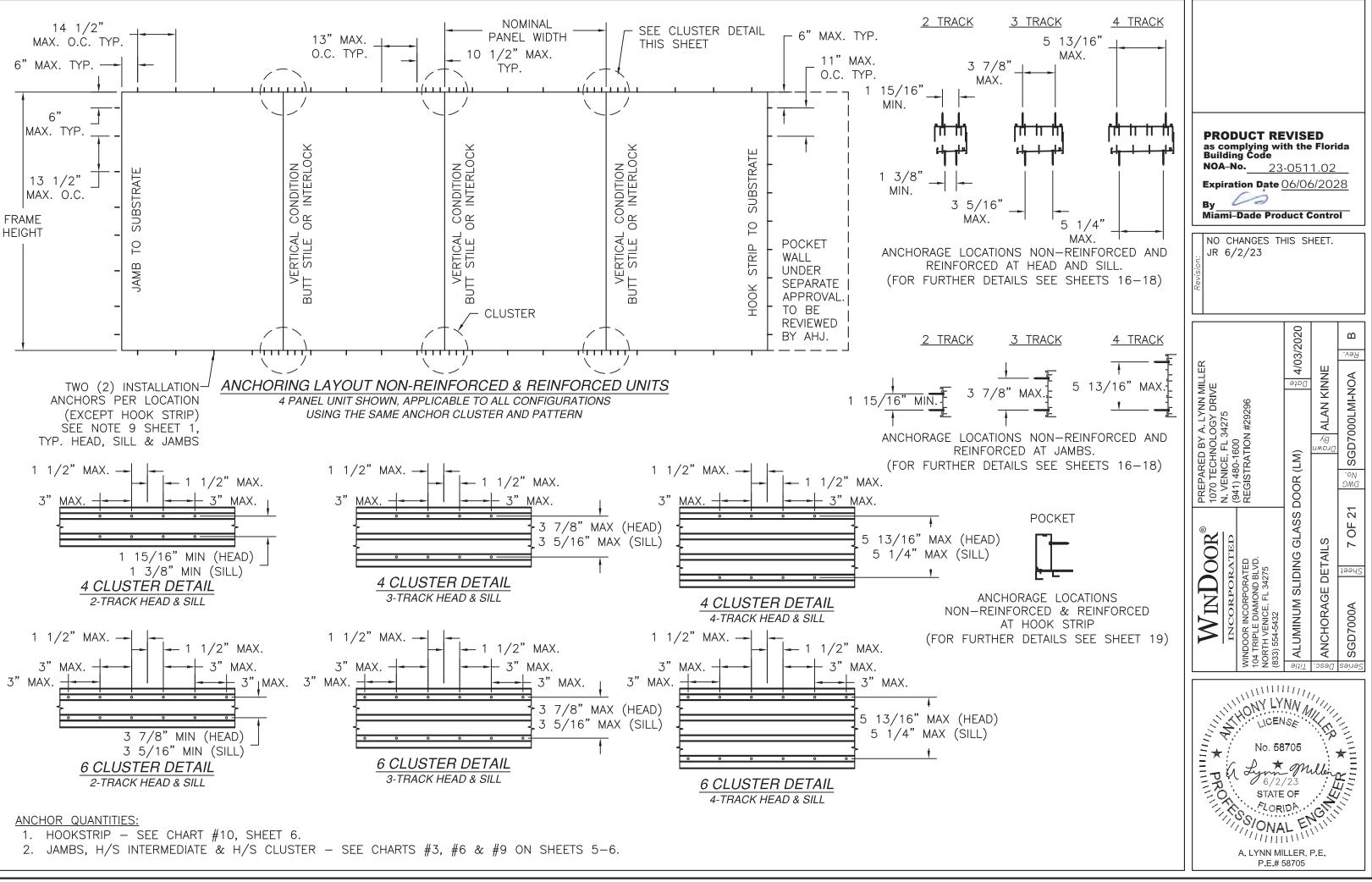
1. TWO (2) ANCHORS PER LOCATION IS REQUIRED. TOTAL NUMBER OF ANCHORS MUST BE TWICE THE NUMBER OF ANCHORS SHOWN IN CHARTS. EXCEPT FOR POCKET JAMB ANCHORS. EXAMPLE:

ANCHORS FOR A UNIT WITH 24" WIDE PANELS AND 98" FRAME HEIGHT (SEE CHARTS #3 AND #10 POCKET JAMB).

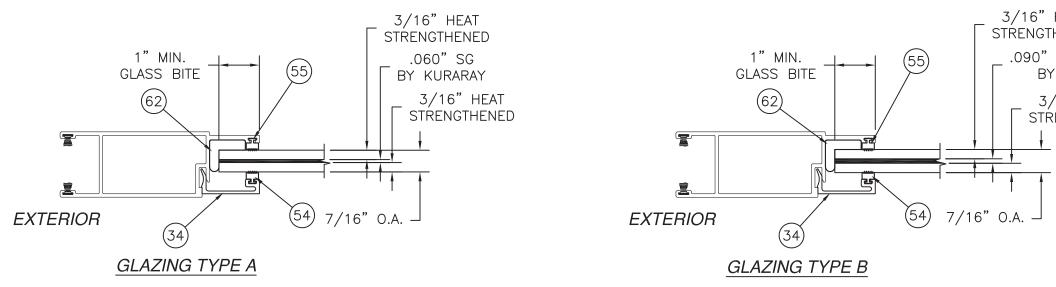
HEAD INTERMEDIATE ANCHOR LOCATIONS: 1 TOTAL HEAD ANCHORS: 2

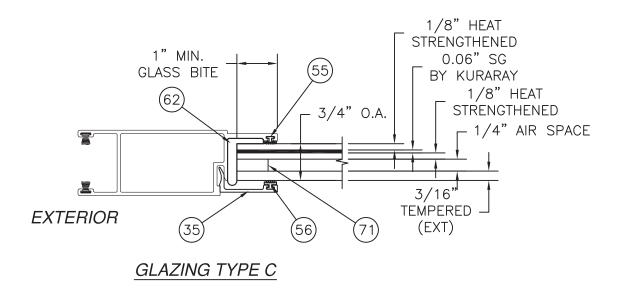
- JAMB ANCHOR LOCATIONS: 8
- SILL INTERMEDIATE ANCHOR LOCATIONS: 1
- ICLUSTER ANCHOR LOCATIONS: 4
- POCKET ANCHOR LOCATIONS: 9
- TOTAL JAMB ANCHORS: 16
- TOTAL SILL ANCHORS: 2
- TOTAL ICLUSTER ANCHORS: 8
- TOTAL POCKET ANCHORS: 9

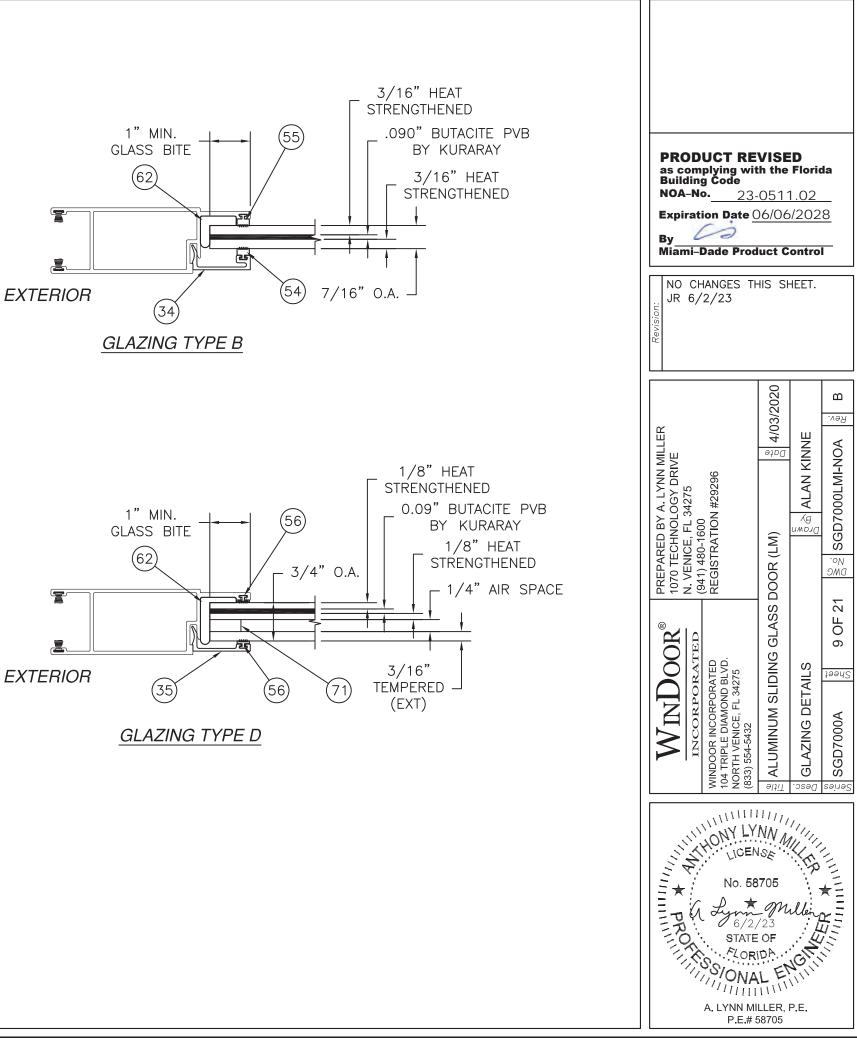


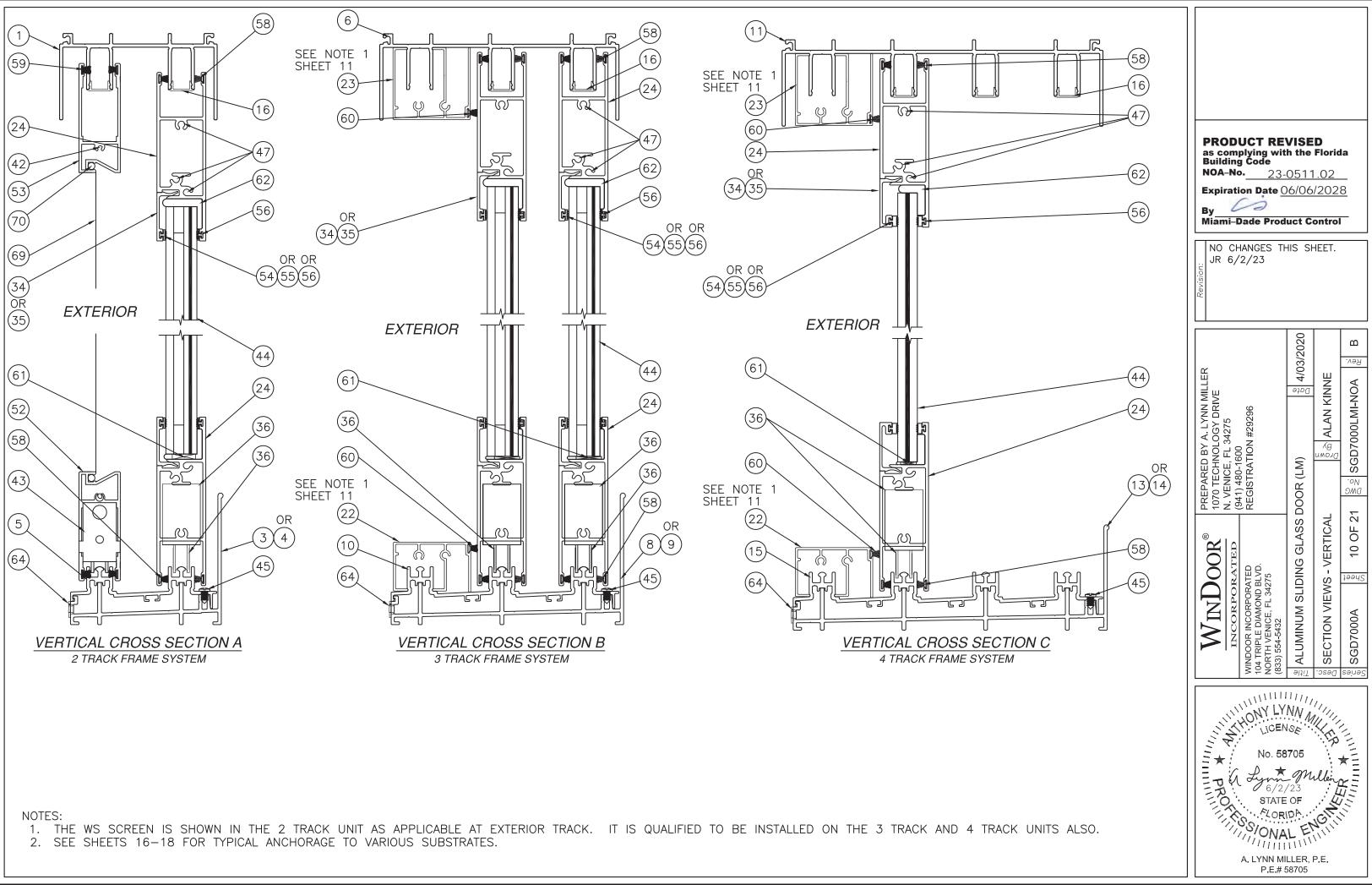


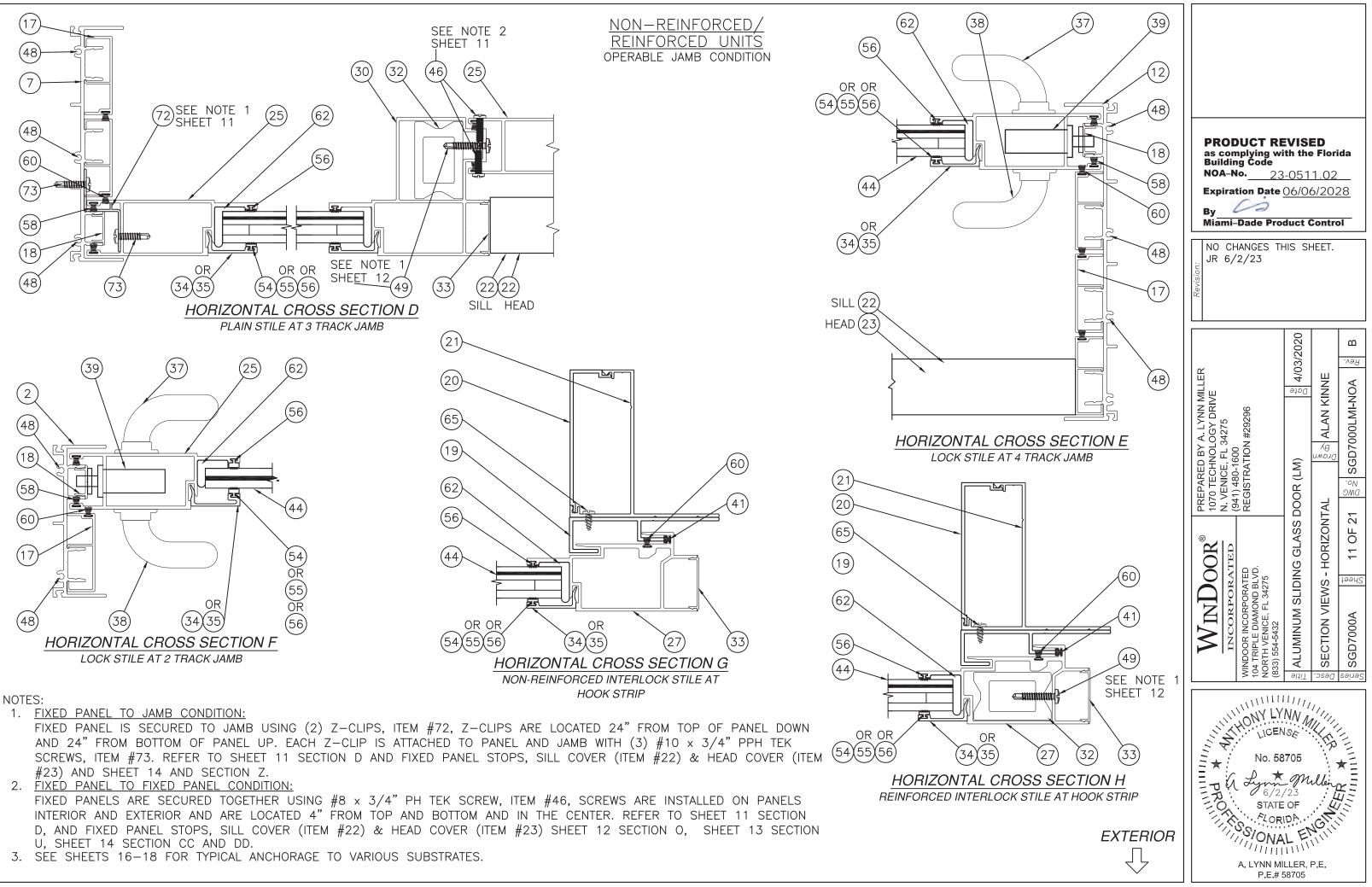
					BILL OF MATERIALS					11		
1 FS-0	BILL OF MATERIALS D. PART NUMBER DESCRIPTION MANUFACTURER M		MATERIAL	ITEM NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL	1			
	-04522 2	2 TRACK FRAME HEAD	KEYMARK	ALUMINUM 6063-T6	38	2186MI-DM	TRADITIONAL EXTERIOR HANDLE					
2 FS-0	-04531 2	2 TRACK FRAME JAMB	KEYMARK	ALUMINUM 6063-T6	39	7014 SS DLPA	DUAL POINT MORTISE LOCK SET					
3 FS-0	-04525 2	2 TRACK SILL PAN WITH 2-1/2" RISER	KEYMARK	ALUMINUM 6063-T6	40	OW11023	RUBBER PANEL BUMPER					
4 FS-0	-04526 2	2 TRACK SILL PAN WITH 3-1/8" RISER	KEYMARK	ALUMINUM 6063-T6	41	V-INT TP 876	INTERLOCK BUMPER					
5 FS-0	-04529 2	2 TRACK FRAME SILL PAN INSERT	KEYMARK	ALUMINUM 6063-T6	42		#8 x 1-1/4" SQ. DRIVE SCREW		18-8 STAINLESS			
6 FS-0	-04511 3	3 TRACK FRAME HEAD	KEYMARK	ALUMINUM 6063-T6	43	PJS-7623-09-SN	SCREEN ROLLER	SULLIVAN		-		
7 FS-0	-04510 3	3 TRACK FRAME JAMB	KEYMARK	ALUMINUM 6063-T6	44		GLAZING, SEE SHT. 9 FOR DETAILS			PRODUCT	REVISED	,
8 FS-0	-04506 3	3 TRACK SILL PAN WITH 2-1/2" RISER	KEYMARK	ALUMINUM 6063-T6	45		#8 x 1/4" PH IYPE F SCREW		STAINLESS STEEL	as complyin Building Cod	g with the F le	lorida
9 FS-0	-04507 3	3 TRACK SILL PAN WITH 3-1/8" RISER	KEYMARK	ALUMINUM 6063-T6	46		#8 x 3/4" PH TEK SCREW		410 STAINLESS	NOA-No.	23-0511.	02
10 FS-0	-04508 3	3 TRACK FRAME SILL PAN INSERT	KEYMARK	ALUMINUM 6063-T6	47		#10 x 1-1/4" SQ. DRIVE SCREW		18-8 STAINLESS	Expiration D	ate 06/06/2	2028
11 FS-0	-04523 4	TRACK FRAME HEAD	KEYMARK	ALUMINUM 6063-T6	48		#8 x 1" PH IYP F SCREW		STAINLES STEEL	By Ca	2	
		TRACK FRAME JAMB	KEYMARK	ALUMINUM 6063-T6	49		#10 x 1" PH TEK SCREW		ALUMINUM 6063-T6	Miami-Dade	Product Co	ntrol
13 FS-0	-04527 4	TRACK SILL PAN WITH 2-1/2" RISER	KEYMARK	ALUMINUM 6063-T6	50		#10 CUT THREAD WOOD SCREW					
14 FS-0	-04528 4	TRACK SILL PAN WITH 3-1/8" RISER	KEYMARK	ALUMINUM 6063-T6	51		3/16 " ITW TAPCON	ITW BUILDEX	CARBON STAINLESS	NO CHANGE	S THIS SHE	ET.
				ALUMINUM 6063-T6	52	FH-02300	WS SCREEN BOTTOM RAIL	KEYMARK	ALUMINUM 6063-T6	JR 6/2/23		
				ALUMINUM 6063-T6	53		WS SCREEN TOP RAIL	KEYMARK	ALUMINUM 063-T6	evisic		
				ALUMINUM 6063-T6	54		3/16" GLASS STOP VINYL		VINYL	L L L L L L L L L L L L L L L L L L L		
		FLUSH JAMB COVER	KEYMARK	ALUMINUM 6063-T6	55	GS-VN-06A	1/4" GLASS STOP VINYL		VINYL	1		
				ALUMINUM 6063-T6	56		3/4" GLASS STOP VINYL & FIXED					
		HOOK STRIP WALL COVER		ALUMINUM 6063-T6	57		WS SCREEN STILE	KEYMARK	ALUMINUM 6063-T6	-	4/03/2020	<u> </u>
		HOOK STRIP WALL MOUNT		ALUMINUM 6063-T6	58		.220" FIN WEATHERSTRIP				3/2	Кеч.
		PANEL STOP SILL COVER		ALUMINUM 6063-T6	59	W234017K0000	.400" FIN WEATHERSTRIP				4/0	Щ Д
		PANEL STOP HEAD COVER		ALUMINUM 6063-T6	60					NN MILLI DRIVE	Date	GD7000LMI-NOA
		OP AND BOTTOM RAIL		ALUMINUM 6063-T6	61		GLASS SETTING BLOCK			NN 98		¥
				ALUMINUM 6063-T6	62		SIKA 552, DOW 791, DOW 983	SIKA/DOW	POLYURETHANE/SILICONE	375 2929		OLMI 0
		PANEL INTERLOCK STILE LEFT		ALUMINUM 6063-T6	63		SILICONE CAULK	PECORA	SILICONE	# 342		7000
		PANEL INTERLOCK STILE RIGHT		ALUMINUM 6063-T6	64		WEEP COVER/GATE			REPARED BY A. LY RECHNOLOGY . VENICE, FL 34275 41) 480-1600 EGISTRATION #29	110	
				ALUMINUM 6063-T6	65		#8 x 3/8" PH IYPE F SCREW		STAINLESS STEEL		(ITM)	Ŭ
		OCKING BUTT STILE		ALUMINUM 6063-T6	66		#8 x 3/4" PH TEX SCREW		STAINLESS STEEL		L R	No. DMG
		NTERIOR FIXED BUTT STILE		ALUMINUM 6063-T6	67		WS SCREEN SWEEP	KEYMARK	ALUMINUM 6063-T6	PRE (94.)	DOOR	
				ALUMINUM 6063-T6	68		SCREEN HANDLE & LOCK	SULIVAN				5
		NTERLOCK REINF. BAR, FULL LENGTH		ALUMINUM 6005-T5	69		FIBERGLASS SCEEN MESH		FIBERGLASS		GLASS	Ы
		,		ALUMINUM 6063-T6	70		SCREEN SPLINE				U	
				ALUMINUM 6063-T6	71		ALUMINUM 3/8" NOMINAL SPACER	HELIMA	ALUMINUM		9	
		3/4" GLASS STOP		ALUMINUM 6063-T6			FIXED PANEL Z-CLIP	KEYMARK	ALUMINUM 6063-T6			The the the test of the test of the test of the test of test o
		ANDEM ROLLER SS			73		#10 x 3/4" PPH TEK SCREW		STAINLESS STEEL		-L 342/5 SLIDING	巴
		RADITIONAL INTERNAL HANDLE			10						±	MATERIALS
37 2180		RADITIONAL INTERNAL HANDLE										BILL OF M/ SGD7000A
											UN	1 0
										WIND 104 TF		BILL SGD
										<u> </u> ≥5	z̃ ∞ _ ∋lti⊺ .⊃	Series Des
												1.
										HON HON	CENSE	
											IOFNOE .X	13=
										<u>-</u> <u> </u> N	o. 58705	
									EPNay	D A Lym Mllen 6/2/23 STATE OF LORIDA CONAL ENTITY SONAL ENTITY A LYNN MULER DE		
									1 10 · · · s			
											LORIDA	<u>S</u>
										''''''SIC	NIAI EN	
										A.LTI	IN WILLER, P.C	£.
										J LF	.E.# 58705	

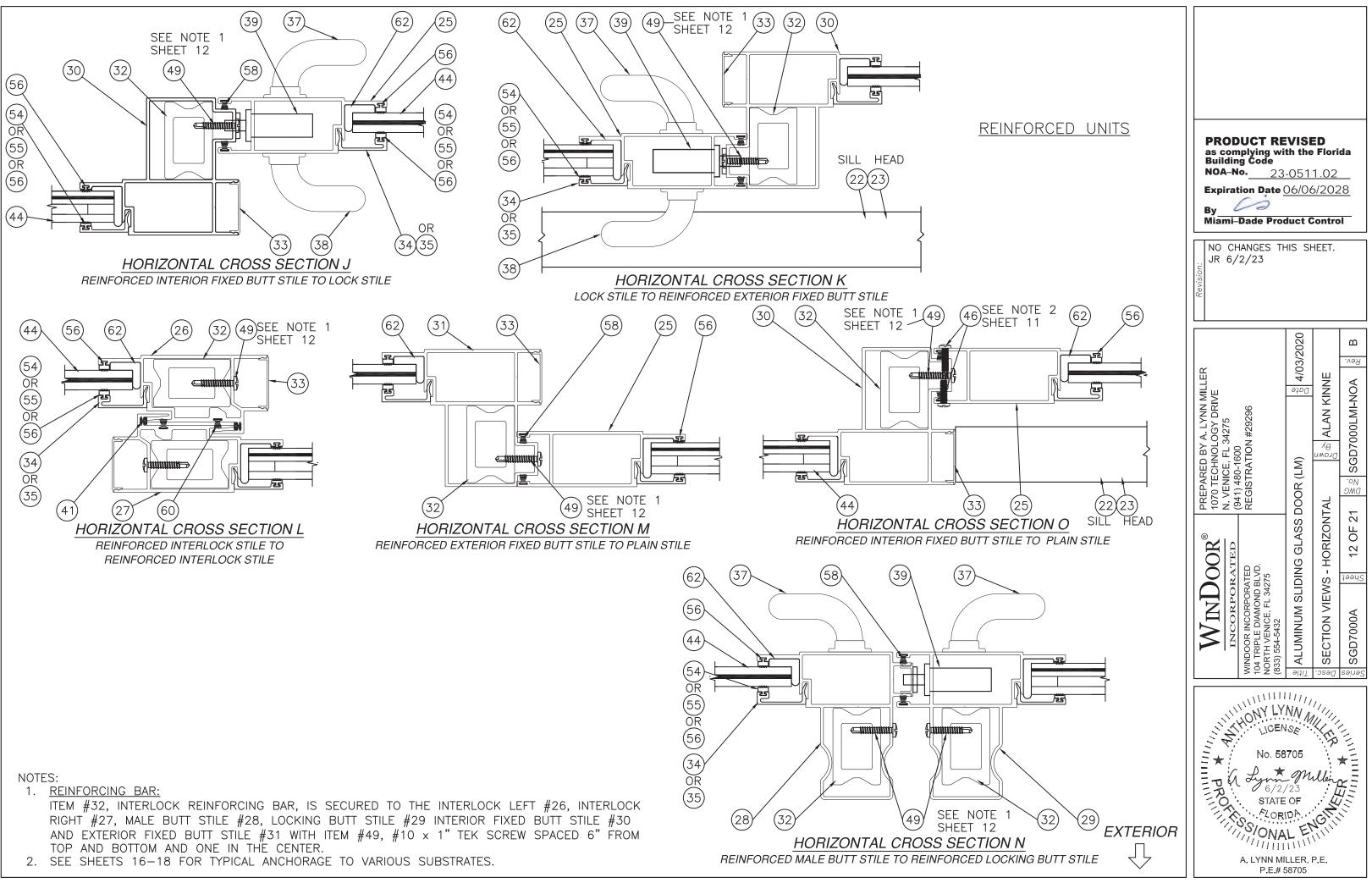


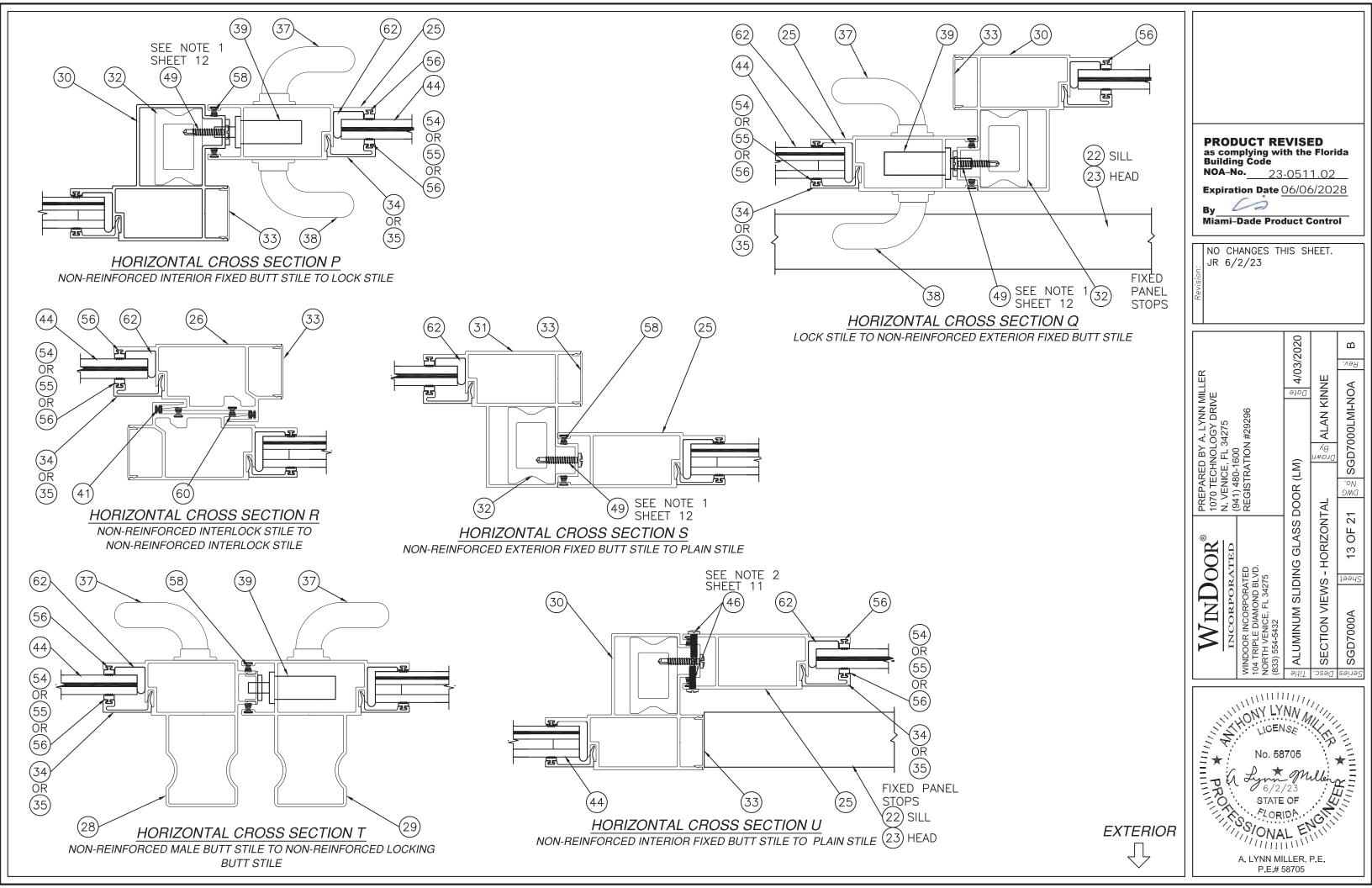


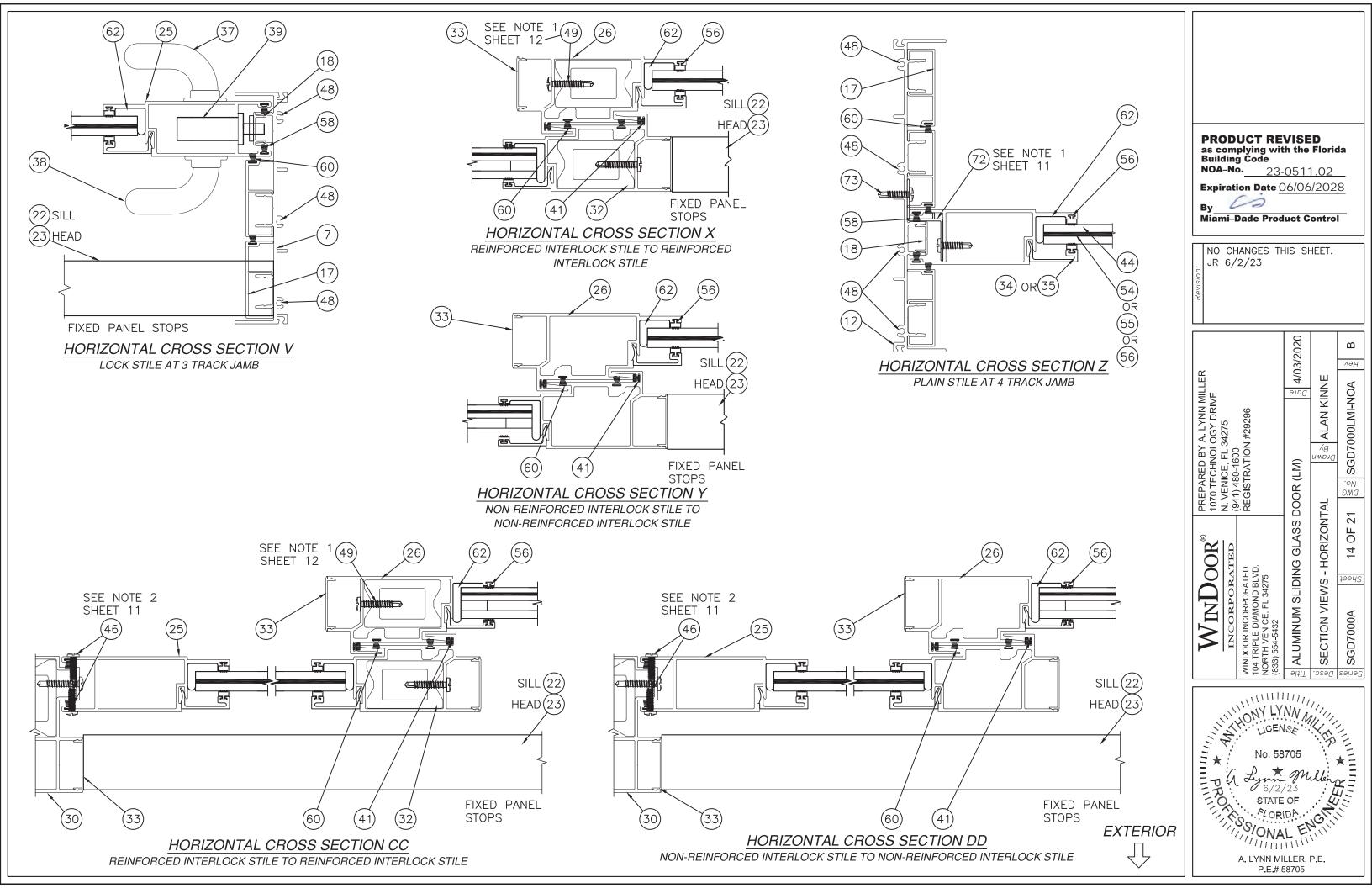


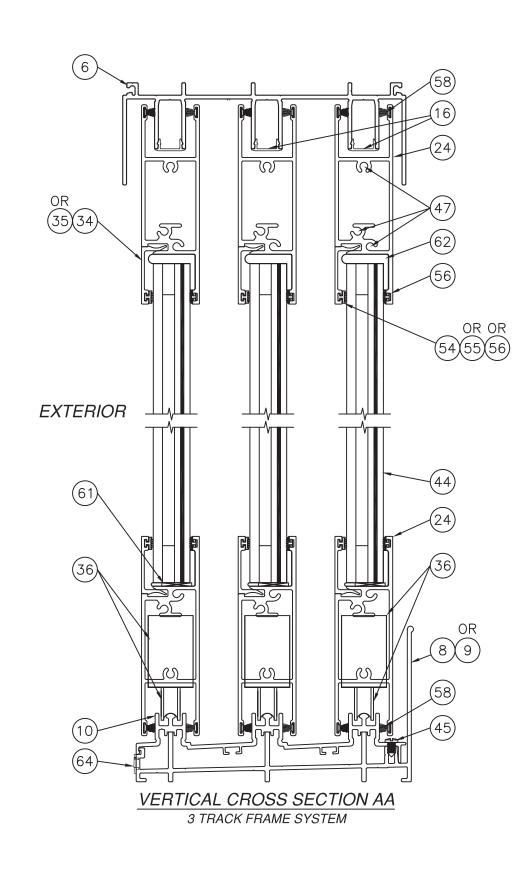


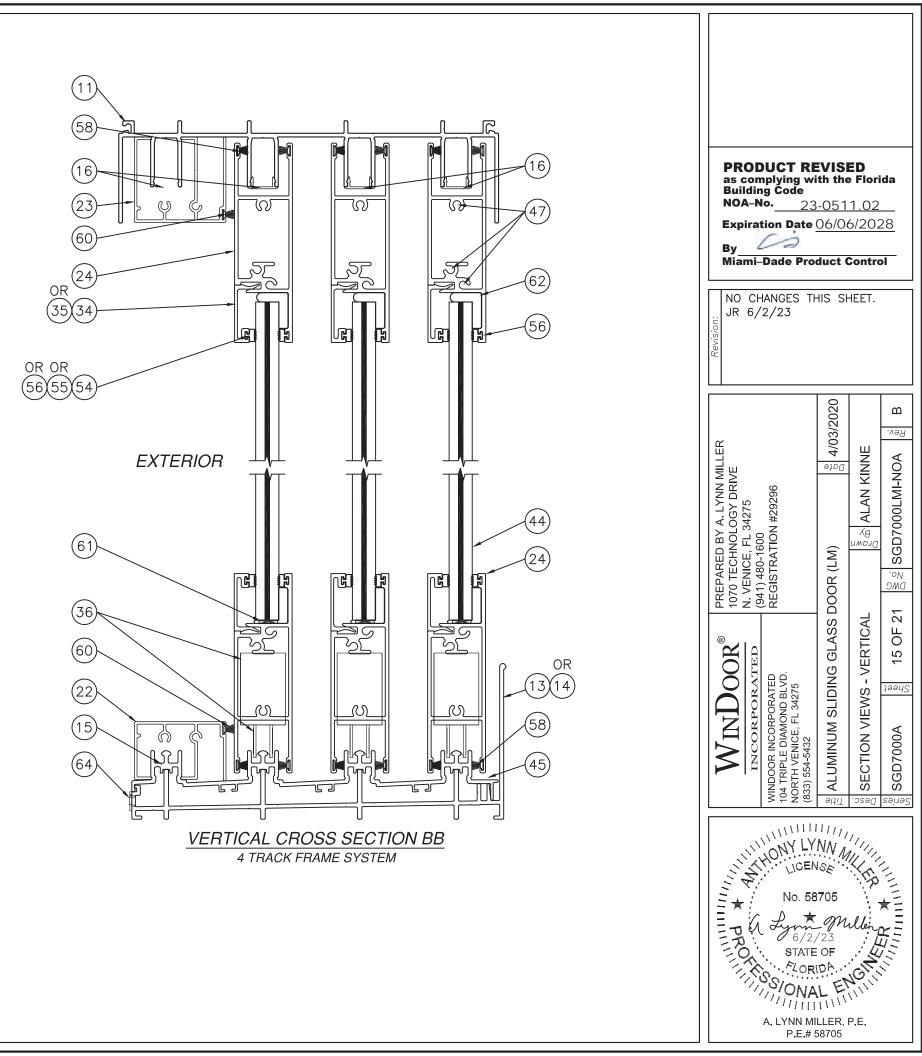












NOTES: 1. SEE SHEETS 16-18 FOR TYPICAL ANCHORAGE TO VARIOUS SUBSTRATES.

