MIAMI–DADE COUNTY, FLORIDA
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)

Lawson Industries, Inc.
8501 NW 90th Street
Medley, FL 33166

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 "SGD-9000 Dry Glazed" 8'0" Aluminum Sliding Glass Door w/No Steel Reinforcement - N.I.

APPROVAL DOCUMENT: Drawing No. **L9000–0901,** titled "Series SGD–9000 Aluminum Sliding Glass Door (N.I.) No Steel Reinforcement", sheets 1 through 8 of 8, dated 06/04/09, with revision **E** dated 09/07/23, prepared by manufacturer, signed and sealed by Thomas J. Sotos, 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: None.

LIMITATIONS:

1. See design pressure chart VS door sizes, glass types and sill height, in sheet **2**.
2. The alternate frame area must not exceed the tested SGD panel and over all frame area.
3. Pocket is not part of this approval and to be reviewed by Building Official.
4. Applicable door egress requirement to be reviewed by Building Official.

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.

MIAMI-DADE COUNTY APPROVED

10/12/23

NOA No. 23-0926.07
Expiration Date: August 26, 2028
Approval Date: October 19, 2023

MIAMI–DADE COUNTY, FLORIDA
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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Lawson Industries, Inc.
8501 NW 90th Street
Medley, FL 33166

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 and renews NOA No. 22-0613.05** and consists of these pages 1 and 2, and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.
The submitted documentation was reviewed by **Manuel Perez, P.E.**

MIAMI-DADE COUNTY APPROVED

10/12/23

Lawson Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA's No. 99-0517.05 and 09-0706.067)

2. Drawing No. **L9000-0901,** titled "Series SGD-9000 Aluminum Sliding Glass Door (N.I.) No Steel Reinforcement", sheets 1 through 8 of 8, dated 06/04/09, with revision **D** dated 08/17/20, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E.
(Submitted under NOA No. 20-0901.07)

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94 along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-09-2534** and **HETI-08-2176**, dated 05/05/09, both signed and sealed by Candido F. Font, P.E.
(Submitted under NOA No. 09-0706.07)

2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
4) Forced Entry Test, Type "C" sliding door, Grade 10, per FBC 2411.3.2.1, TAS 202-94 and per ASTM F 842-04
along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. **FTL-2019, FTL-2021, FTL-2023, FTL-2024, FTL-2025, FTL-2028, FTL-2029** and **FTL-2030**, dated 01/04/99, all signed and sealed by Gilbert Diamond, P.E.
(Submitted under NOA No. 99-0517.05)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC**, dated 04/28/15, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E.
(Submitted under NOA No. 14-0908.03)

2. Glazing complies with **ASTM E 1300-04/09.**

D. QUALITY ASSURANCE

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

Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-0926.07
Expiration Date: August 26, 2028
Approval Date: October 19, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

E. MATERIAL CERTIFICATIONS

1. Technical data sheet of flexible vinyl compound FPVC 7267-75 (White) & FPVC 7200-75 (Black), published by Team Plastics. Inc./ Bayshore Vinyl Compounds, Inc. a division of Mexichem SAB de CV, LLC, expiring on 07/08/24.

F. STATEMENTS

1. Statement letter of conformance to and complying with **FBC 7th Edition (2020)** and of no financial interest, dated 06/08/22, issued by manufacturer, signed and sealed by Thomas J. Sotos, P.E.
(Submitted under NOA No. 22-0613.05)

2. Statement letter from QAI testing lab for upcoming scheduled test for Lawson Industries, Inc., dated 07/01/22, signed by Ms. Lusinda Delagado.
(Submitted under NOA No. 22-0613.05)

3. RER email test proposal dated 06/28/22.
(Submitted under NOA No. 22-0613.05)

4. Laboratory compliance letter for Test Reports No. **HETI-09-2534** and **HETI-08-2176**, dated 05/05/09, issued by Hurricane Engineering & Testing, Inc., signed and sealed by Candido F. Font, P.E.
(Submitted under NOA No. 09-0706.07)

5. Proposal No. **08-0591**, issued by Product Control, dated 07/15/08, signed by Renzo Narciso.
(Submitted under NOA No. 09-0706.07)

6. Laboratory compliance letter for Test Reports No. **FTL-2019, FTL-2021, FTL-2023, FTL-2024, FTL-2025, FTL-2028, FTL-2029** and **FTL-2030**, dated 01/04/99, issued by Fenestration Testing Laboratory, Inc., all signed and sealed by Gilbert Diamond, P.E.
(Submitted under NOA No. 99-0517.05)

7. Proposal issued by Product Control, dated 04/14/98, signed by Jaime D. Gascon, P.E.
(Submitted under NOA No. 99-0517.05)

G. OTHERS

1. Notice of Acceptance No. **20-0901.07** issued to Lawson Industries, Inc., for their Series "SGD-9000 Dry Glazed" 8'0" Aluminum Sliding Glass Door – N.I., approved on 12/03/20 and expiring on 08/26/22.

Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-0926.07
Expiration Date: August 26, 2028
Approval Date: October 19, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED (CONTINUED)

A. DRAWINGS

1. Drawing No. **L9000-0901,** titled "Series SGD-9000 Aluminum Sliding Glass Door (N.I.) No Steel Reinforcement", sheets 1 through 8 of 8, dated 06/04/09, with revision **E** dated 09/07/23, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94 along with marked-up drawings and installation diagram of a series 9000 aluminum sliding glass door, prepared by QAI Laboratories, Test Reports No. **QAI-13822**, dated 09/12/23 and **QAI-13850**, dated 08/07/23, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

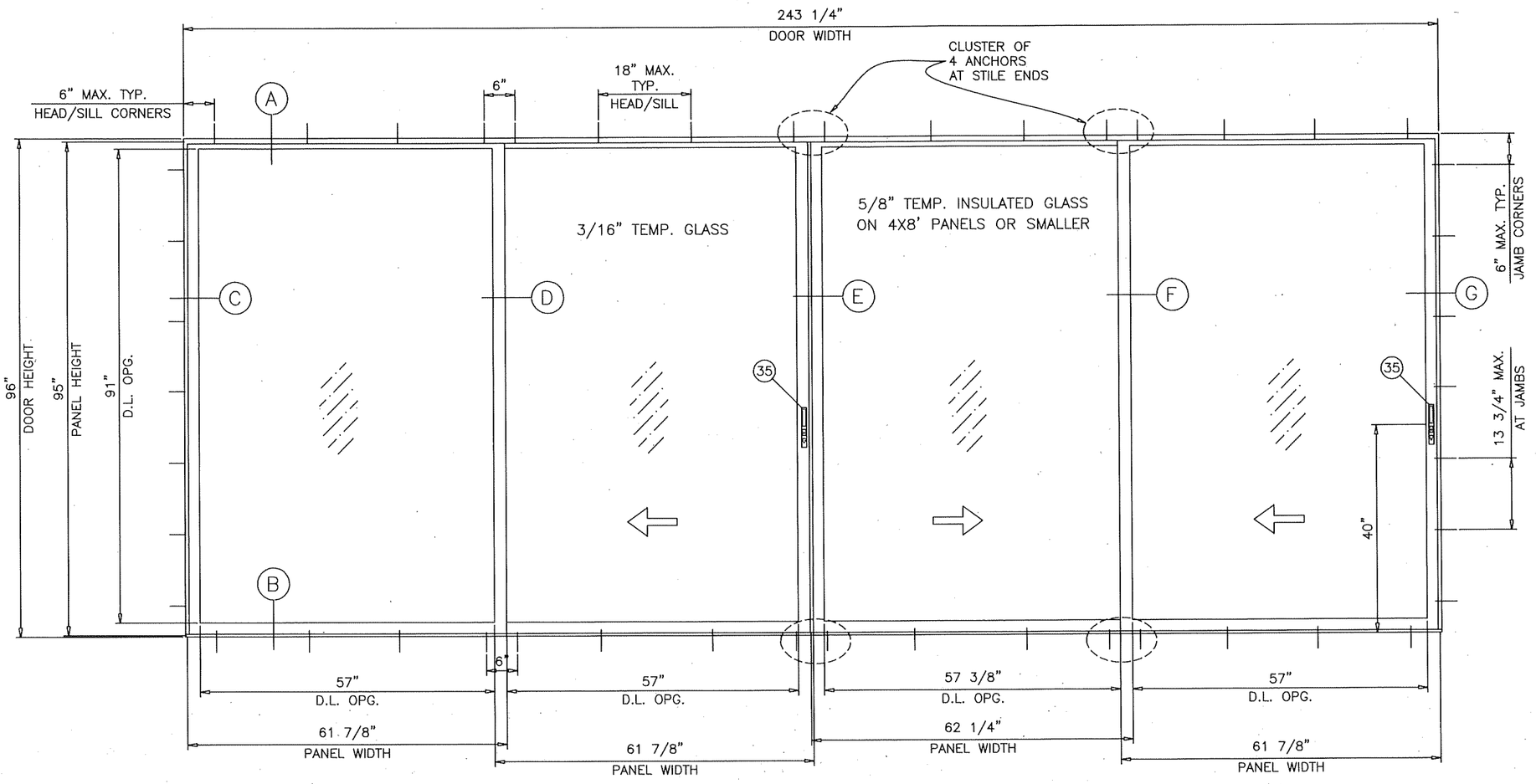
1. Statement letter of conformance, complying with **FBC 8th Edition (2023)** dated September 18, 2023, issued by manufacturer, signed and sealed by Thomas J. Sotos P.E.

2. Statement letter of no financial interest dated September 18, 2023, issued by manufacturer, signed and sealed by Thomas J. Sotos, P.E.

G. OTHERS

1. Notice of Acceptance No. **22-0613.05**, issued to Lawson Industries, Inc., for their Series "SGD-9000 Dry Glazed" 8'0" Aluminum Sliding Glass Door – N.I., approved on 07/14/22 and expiring on 08/26/23.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0926.07
Expiration Date: August 26, 2028
Approval Date: October 19, 2023



TYPICAL ELEVATION
TESTED UNIT (0XXX)

SGD-9000 ALUMINUM SLIDING GLASS DOOR

NOTES:

SEE SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED PANEL SIZE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (2020-7th EDITION & 2023-8th Edition).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS 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.

NON-IMPACT
WITHOUT REINFORCING

DOORS NOT RATED FOR IMPACT.

INSTALLATION OF THIS PRODUCT REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0926.07
Expiration Date: 08/26/2028
By: Manuel Perez
Miami-Dade Product Control

LAMSON INDUSTRIES, INC.
8501 N.W. 90 ST.
MEDLEY, FLORIDA 33166
PH No. (305) 696-8660

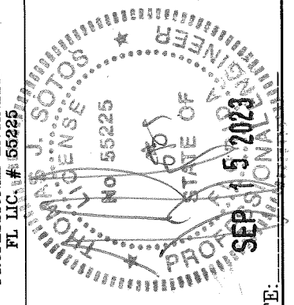
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

SGD-9000 ALUMINUM SLIDING GLASS DOOR (N.I.)
NO STEEL REINFORCEMENT
GENERAL NOTES AND TEST DOOR CONFIGURATION

Product Reference Number:	Drawing Number: L9000-0901
Sheet: 1 OF 8	Revision #:

Revision Notes:	Drawn By:	Date Drawn:
A. Revised to Comply w/ 2010 FBC	N. ERAZO	06/04/09
B. Revised to Comply w/ 2014 FBC		
C. Revised to Comply w/ 2017 FBC		
D. Revised to Comply w/ 2020 FBC		
E. Revised to Comply w/ 2023 FBC		
Revised By: N. ERAZO	**Date Revised:** 09/07/23	
Revision Level: E	**Scale:**	

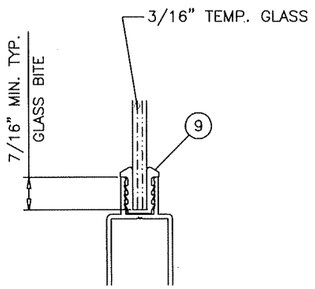
THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225



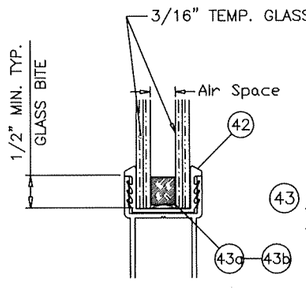
DATE: SEP 15 2023

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	L-9001	1	FRAME HEAD (2 TRACK)	6063-T6 ALUM.	PROFILE
2	L-9002	1	FRAME SILL (2 TRACK)	6063-T6 ALUM.	PROFILE
3	L-9003	2	FRAME JAMB (2 TRACK)	6063-T5 ALUM.	PROFILE
4	L-9004	1/ PANEL	PANEL TOP RAIL	6063-T5 ALUM.	PROFILE
5	L-9005	1/ PANEL	PANEL BOTTOM RAIL	6063-T5 ALUM.	PROFILE
6	L-9006	AS REQD.	LOCK STILE / FIXED STILE	6063-T5 ALUM,	PROFILE
7	L-9007	AS REQD.	SINGLE INTERLOCK STILE	6063-T5 ALUM.	PROFILE
8	L-9008	AS REQD.	ASTRAGAL STILE	6063-T6 ALUM.	PROFILE
9	L-9043	AS REQD.	3/16" GLAZING CHANNEL	TEAM PLASTICS Inc.	See Material Composition @ Sheet 8
10	FS-011	4/ PANEL	PANEL ASS'Y SCREW @ TOP RAIL		#10 x 5/8" P.H. - PHILLIPS
11	FS-034	2/ PANEL	PANEL ASS'Y SCREW @ BOTTOM RAIL	-	#10-24 X 1" P.H.-PHIL./ "T"
12	FS-028	8	FRAME ASSEMBLY SCREW	-	#8 X 7/16" P.H-PHIL. / SMS
13	7519-6001-7	AS REQD.	PILE WTS'P. @ JAMB/ASTRAGAL	-	(0.187"w. x 0.200"h.)-Schlegel
14	7524-6001-6	AS REQD.	PILE WTS'P. @ TOP RAILS	-	(0.187"w. x 0.250"h.)-Schlegel
15	7529-6001-7	AS REQD.	PILE WTS'P. @ BOTTOM RAILS	-	(0.187"w. x 0.300"h.)-Schlegel
16	7520-5001-7	AS REQD.	PILE WTS'P. @ INTERLOCKS	-	(0.187"w. x 0.210"h.)-Schlegel
17		AS REQD.	SILL RISER	6063-T5 ALUM.	SILICONED IN PLACE
18	L-9018	3 OR 4 *	FIXED PANEL JAMB CLIP	6063-T5 ALUM.	GW-27153
19	FS-029	1/ CLIP	FIXED PANEL CLIP SCREW	-	#8 X 5/8" PH.-PHI / SDS
20	AR-001	1	FIXED INTERLOCK ANGLE	6063-T5 ALUM.	3"x 1 1/2"x 1 9/16"x 1/8"
21	AR-002	1	MOVING INTERLOCK ANGLE/CLIP	6063-T5 ALUM.	1 1/2" X 3/4" X 2" X 1/8"
22	L-9022	1	ASTRAGAL RETAINER CLIP	6063-T6 ALUM.	AF-10798
27	*	OPTIONAL	SCREEN JAMB ADAPTER	6063-T6 ALUM.	-
28	L-9028	1	FRAME HEAD (3 TRACK)	6063-T6 ALUM.	-
29	L-9029	1	FRAME SILL (3 TRACK)	6063-T6 ALUM.	-
30	L-9030	2	FRAME JAMB (3 TRACK)	6063-T5 ALUM.	-
31	L-9031	AS REQD.	DOUBLE INTERLOCK STILE	6063-T6 ALUM.	OPTIONAL
32	1071a	2/ PANEL	PANEL TOP RAIL NYLON GUIDE	ST801 Nylon 6-6	Molded Nylon- Rockwell M scale: 79
33	1072a	2/ PANEL	PANEL BOTTOM RAIL NYLON GUIDE	ST801 Nylon 6-6	Molded Nylon- Rockwell M scale: 79
34	HW4-WHL	2/ PANEL	PANEL SINGLE ROLLER		6 COMPONENT - ASS'Y 150
35	HC-038	AS REQ'D.	DOOR LOCK ASSEMBLY	-	INT. & EXT. PULLS, CAM, KEEPER
36	LII-109A	1/ PANEL	5/8" INSULATED PANEL TOP RAIL	6063-T6 ALUM.	PROFILE
37	LII-110A	1/ PANEL	5/8" INSULATED PANEL BOTTOM RAIL	6063-T5 ALUM.	PROFILE
38	LII-108	1/ PANEL	5/8" INSULATED PANEL LOCK STILE	6063-T6 ALUM.	PROFILE
39	LII-082	1/ PANEL	5/8" INSULATED PANEL INTERLOCK	6063-T6 ALUM.	PROFILE
40	LII-163	1/ PANEL	5/8' INSULATED PANEL ASTRAGAL	6063-T6 ALUM.	PROFILE
41	AF-10403	AS REQ'D.	POCKET DOOR JAMB HOOK	6063-T6 ALUM.	PROFILE
42	L-9045	AS REQ'D.	5/8 INSULATED GLAZING CHANNEL	TEAM PLASTICS Inc.	See Material Composition @ Sheet 8
43 a	812-25H-357	AS REQ'D.	"TruSeal" Dura Seal Swiggle Spacer	*	Black - 1/4" Air Space
43 b	Quanex	AS REQ'D.	"Quanex" Super Spacer w/ Isomelt M	*	Black - 1/4" Air Space

* 4 ON 9/0 HIGH DOORS ONLY



3/16 TEMP. GLAZING DETAIL



5/8 TEMP. INSULATED GLAZING DETAIL

Insulated Spacer Types & Options
43 a) "TrueSeal" Swiggle Seal
43 b) "Quanex" SuperSpacer w/ Isomelt M

DESIGN LOAD CAPACITY - PSF

DOORS WITH 2 PANELS ONLY (3/16" TEMP. GLASS)

PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	1-3/4" SILL		2-1/4" SILL		2-1/2" SILL		3" SILL	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
2/0	6/8	40.7	89.3	56.7	89.3	63.3	89.3	64.5	89.3
2/6		40.7	75.3	56.7	75.3	63.3	75.3	64.5	75.3
3/0		40.7	66.2	56.7	66.2	63.3	66.2	64.5	66.2
4/0		40.7	55.4	55.4	55.4	55.4	55.4	55.4	55.4
5/0		40.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9
2/0	8/0	40.7	72.2	56.7	72.2	63.3	72.2	64.5	72.2
2/6		40.7	60.4	56.7	60.4	60.4	60.4	60.4	60.4
3/0		40.7	52.5	52.5	52.5	52.5	52.5	52.5	52.5
4/0		40.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0
2/0	9/0	40.7	54.3	54.3	54.3	54.3	54.3	54.3	54.3
2/6		40.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3

5/8" TEMP. INSULATED GLASS MAY BE USED IN 4X8' PANELS OR SMALLER.

DESIGN LOAD CAPACITY - PSF

DOORS WITH 3 OR MORE PANELS (3/16" TEMP. GLASS)

PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	1-3/4" SILL		2-1/4" SILL		2-1/2" SILL		3" SILL	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
2/6	6/8	40.7	61.4	56.7	61.4	61.4	61.4	61.4	61.4
3/0		40.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0
4/0		40.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3
5/0		40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9
2/6	8/0	40.7	49.2	49.2	49.2	49.2	49.2	49.2	49.2
3/0		40.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9
4/0		30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0

5/8" TEMP. INSULATED GLASS MAY BE USED IN 4X8' PANELS OR SMALLER.

GLASS CAPACITIES ON THESE CHARTS ARE BASED ON
ASTM E1300-98 (60 SEC. WIND)

THIS APPROVES DOORS USING TWO (2) OR THREE (3) TRACK FRAMES WITH ANY NUMBER OF PANELS THAT CONTAIN THE STILE CONFIGURATIONS SHOWN ON SHEETS 4 AND 6, I.E. XX, OX, XO, XXX, OXO, OXXO, AND THE FOLLOWING POCKET DOOR CONFIGURATIONS:
XXp, pXX, XXXp, pXXX, XXXXp, pXXXX, pXXXXp
OXXXp, pXXXO

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0926.07
Expiration Date: 08/26/2028
By: Manuel Perez
Miami-Dade Product Control

LAWSON INDUSTRIES, INC.
8501 N.W. 90 ST.
MEDLEY, FLORIDA 33166
PH No. (305) 696-8660

MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

SGD-9000 ALUMINUM SLIDING GLASS DOOR (N.I.)

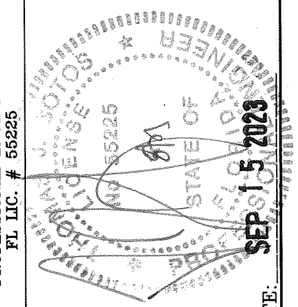
NO STEEL REINFORCEMENT
BILL OF MATERIALS, GLAZING DETAILS & DP LOAD CHARTS

Product Reference Number:
Drawing Number: L9000-0901
Sheet: 2 OF 8
Revision #:

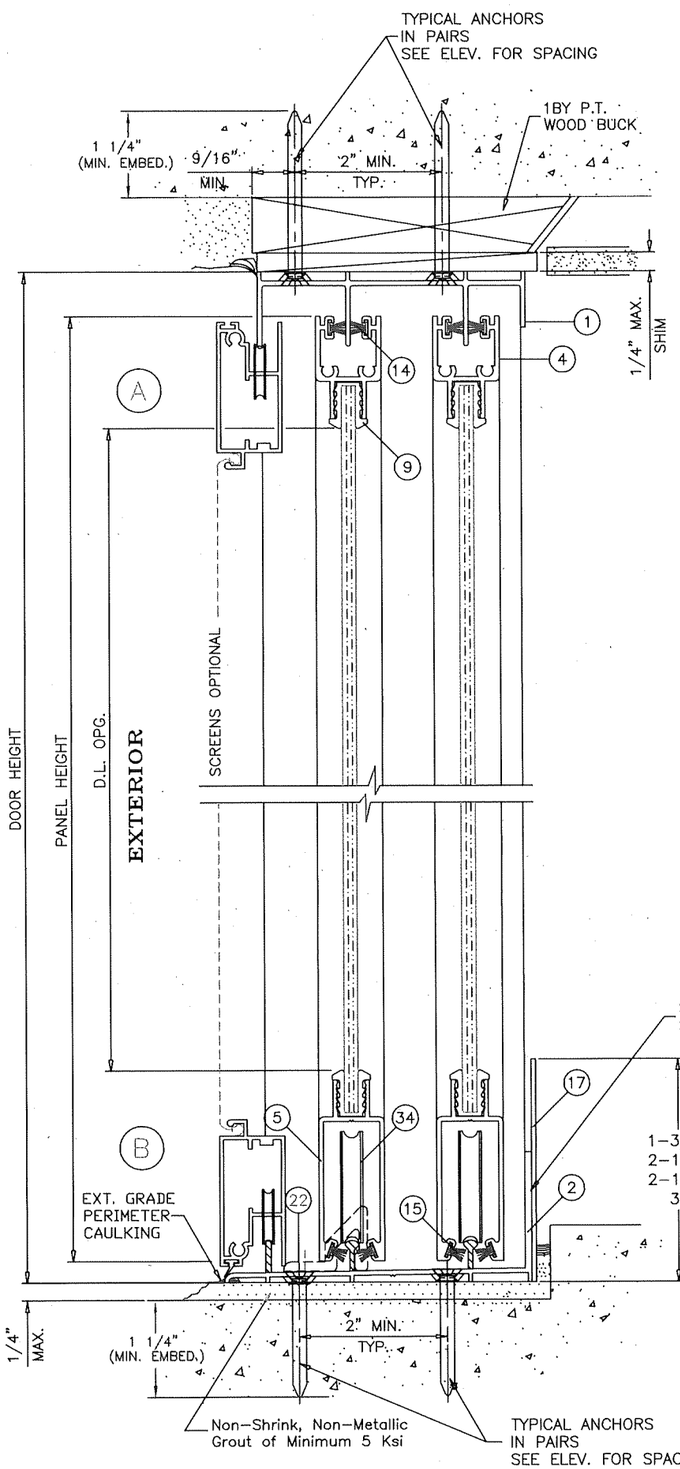
Revision Notes:
A. Revised to Comply w/ 2010 FBC
B. Revised to Comply w/ 2014 FBC
C. Revised to Comply w/ 2017 FBC
D. Revised to Comply w/ 2020 FBC
E. Revised to Comply w/ 2023 FBC

Drawn By: N. ERAZO
Date Drawn: 06/04/08
Revised By: N. ERAZO
Date Revised: 08/07/23
Revision Level: E
Scale:
Product Approval:

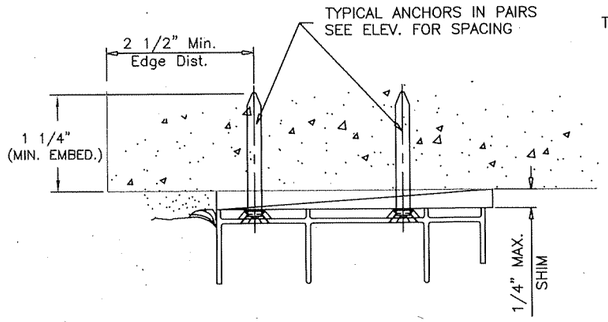
THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

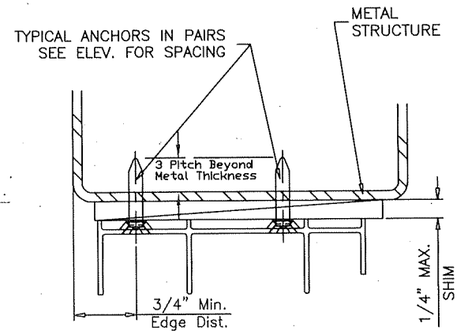


DATE: SEP 15 2023



TWO (2) TRACK SECTION





WOOD BUCKS AND METAL STRUCTURES NOT BY LAWSON IND. MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: (SEE ELEV. FOR SPACING)

1/4" DIA TAPCONS by ITW BUILDEX (Fy= 100 Ksi, Fu= 125Ksi)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO MASONRY OR CONC.
1-1/4" MIN. EMBED INTO MASONRY OR CONC.

DIRECTLY INTO CONCRETE OR MASONRY
1-1/4" MIN. EMBED INTO CONCRETE OR MASONRY

#14 SMS OR SELF DRILLING SCREWS - GRADE 5
INTO METAL STRUCTURES
STEEL : 12 GA. MIN. THICK - 0.105" (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

#10 SMS - GRADE 2
INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
(NO SHIM SPACE)

TYPICAL EDGE DISTANCES

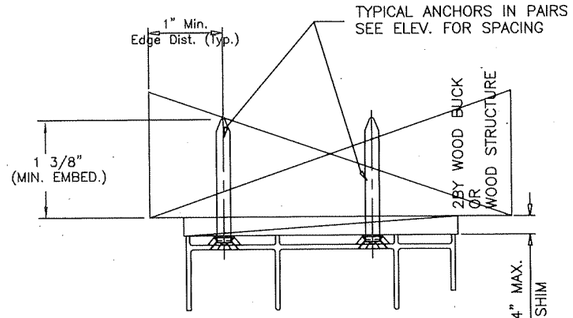
INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN. (OR AS SHOWN)
INTO METAL STRUCTURE = 3/4" MIN.

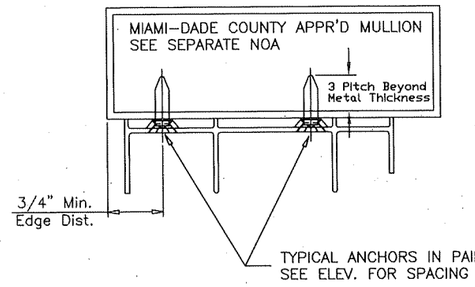
SUBSTRATES:

WOOD BUCK (P.T.) AT HEAD OR JAMBS SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS F'c = 3000 PSI MIN.
C-90 GROUT / FILLED BLOCK AT JAMBS F'm = 2000 PSI MIN.

SEALANTS:

ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH SEALANT.





PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0926.07
Expiration Date: 08/26/2028
By: Manuel Perez
Miami-Dade Product Control

LAWSON INDUSTRIES, INC.
8501 N.W. 90 ST.
MEDLEY, FLORIDA 33166
PH No. (305) 696-8660

MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

SGD-9000 ALUMINUM SLIDING GLASS DOOR (N.I.)
NO STEEL REINFORCEMENT
2 TRACK VERTICAL SECTIONS, ANCHOR DETAILS & NOTES

Product Reference Number: | *Drawing Number:* L9000-0901 | *Sheet:* 3 OF 8 | *Revision #:*

Revision Notes:
A. Revised to Comply w/ 2010 FBC
B. Revised to Comply w/ 2014 FBC
C. Revised to Comply w/ 2017 FBC
D. Revised to Comply w/ 2020 FBC
E. Revised to Comply w/ 2023 FBC

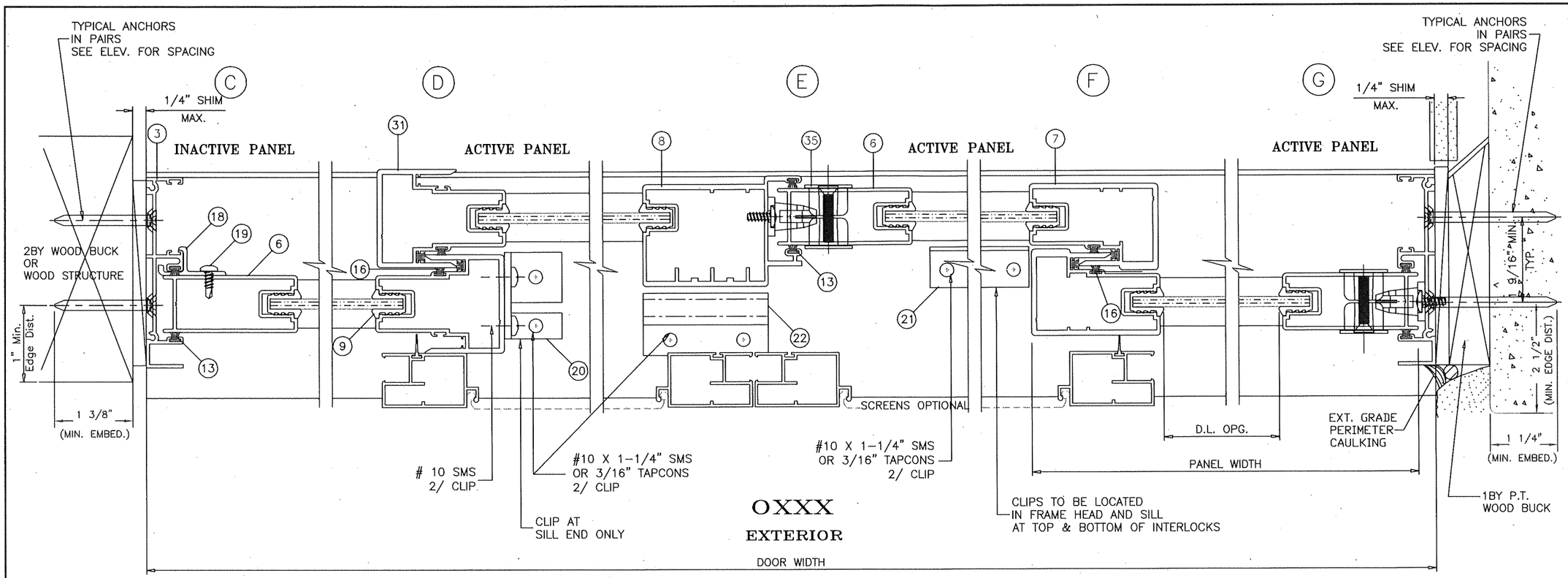
Drawn By: N. ERAZO | *Date Drawn:* 06/04/09
Revised By: N. ERAZO | *Date Revised:* 09/07/23
Revision Level: E | *Scale:*

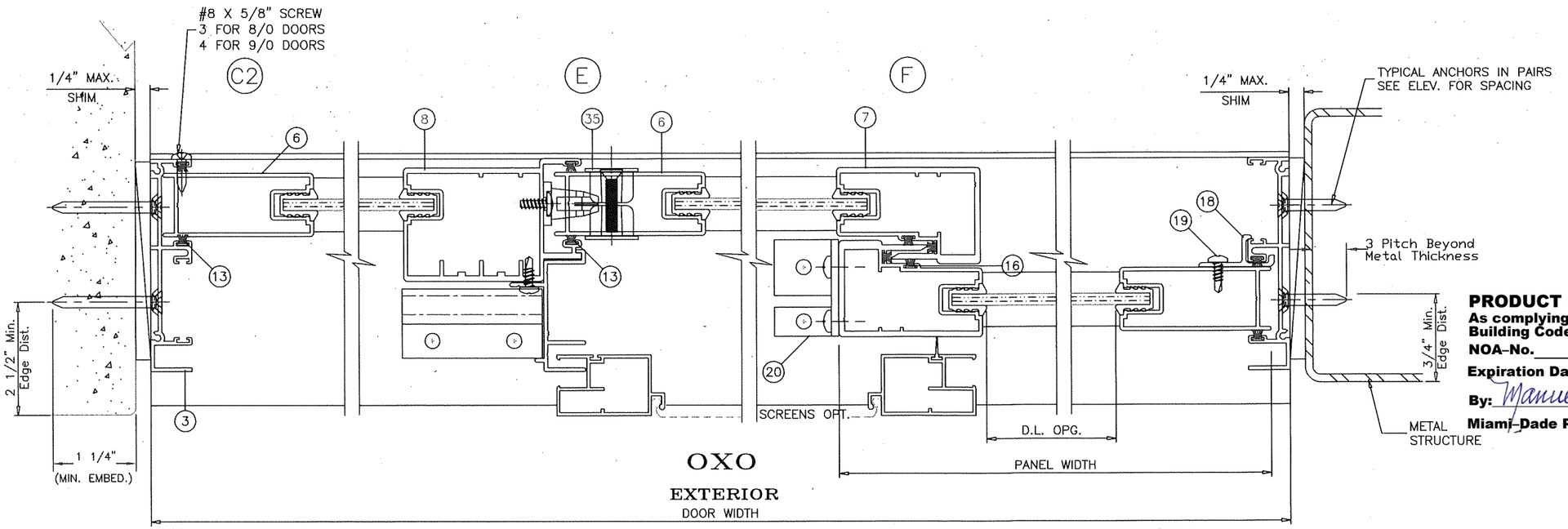
THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

STATE OF FLORIDA
THOMAS J. SOTOS
No. 55225
PROFESSIONAL ENGINEER

SEP 15 2023

DATE:





TWO (2) TRACK SECTION

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. 23-0926.07
Expiration Date: 08/26/2028
By: Manuel Perez
Miami-Dade Product Control

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

THOMAS J. SOTOS LICENSE No 55225 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE: SEP 15 2023

LAWSON INDUSTRIES, INC.
8501 N.W. 90 ST.
MEDLEY, FLORIDA 33166
PH No. (305) 696-8660

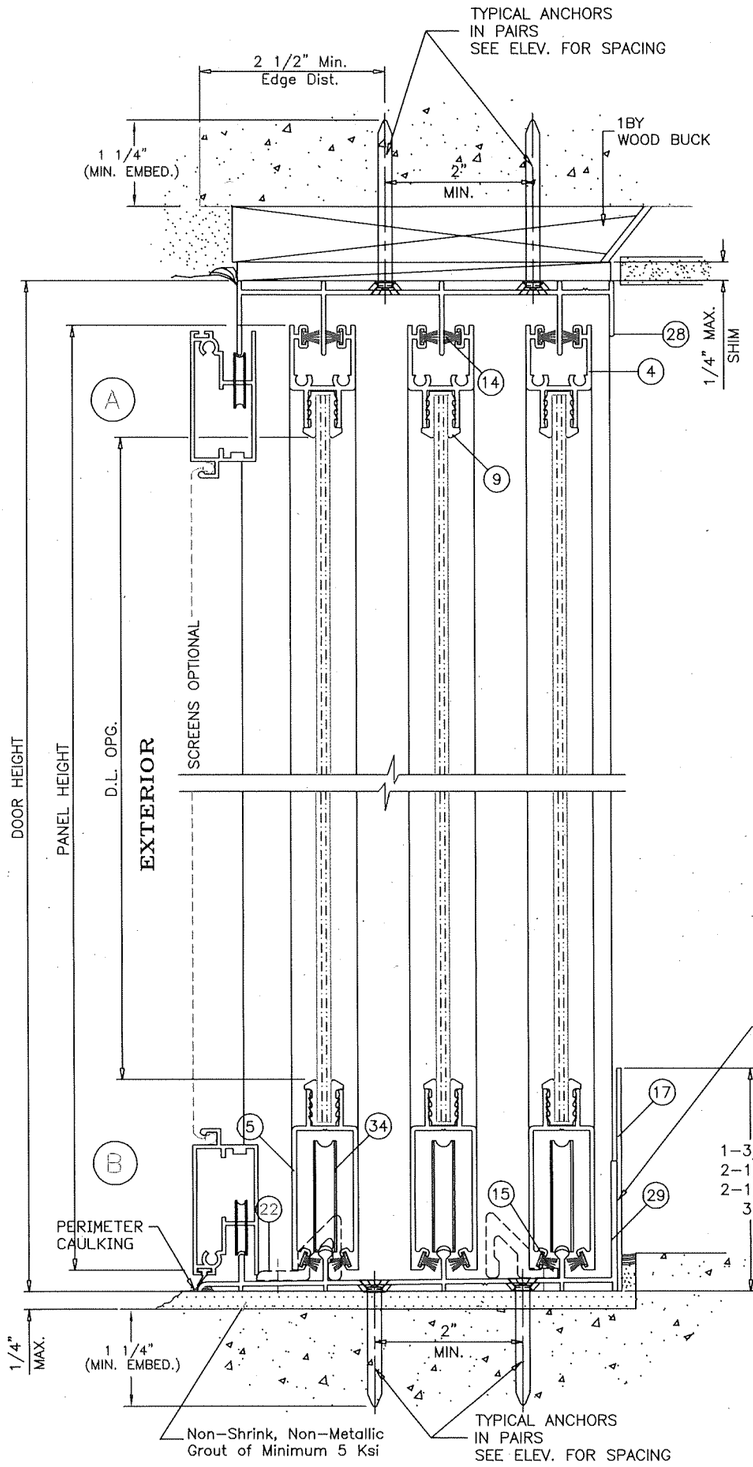
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

SGD-9000 ALUMINUM SLIDING GLASS DOOR (N.I.)
NO STEEL REINFORCEMENT
2 TRACK HORIZONTAL CROSS SECTIONS

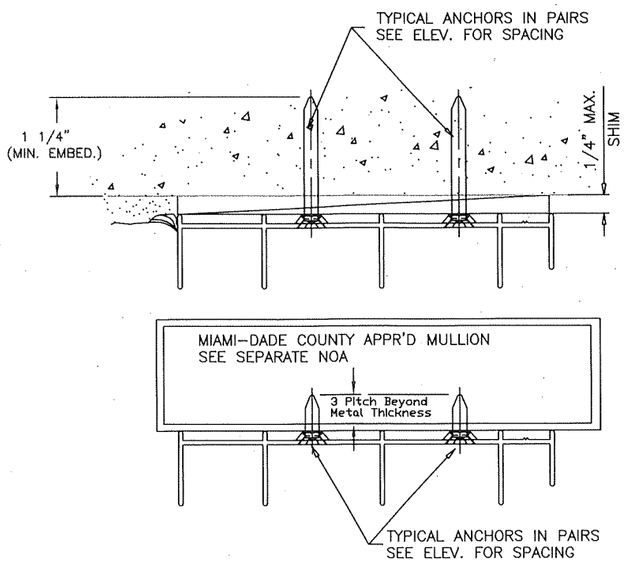
Product Reference Number:
Drawing Number: L9000-0901
Sheet: 4 OF 8
Revision #:

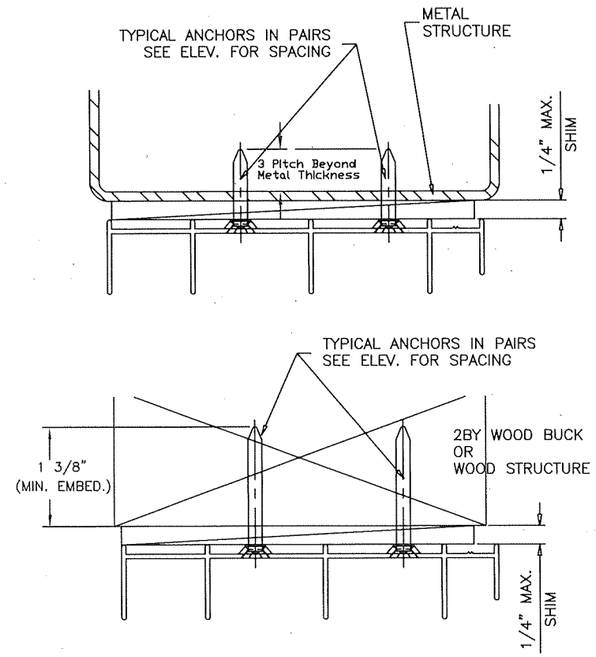
Revision Notes:
A. Revised to Comply w/ 2010 FBC
B. Revised to Comply w/ 2014 FBC
C. Revised to Comply w/ 2017 FBC
D. Revised to Comply w/ 2020 FBC
E. Revised to Comply w/ 2023 FBC

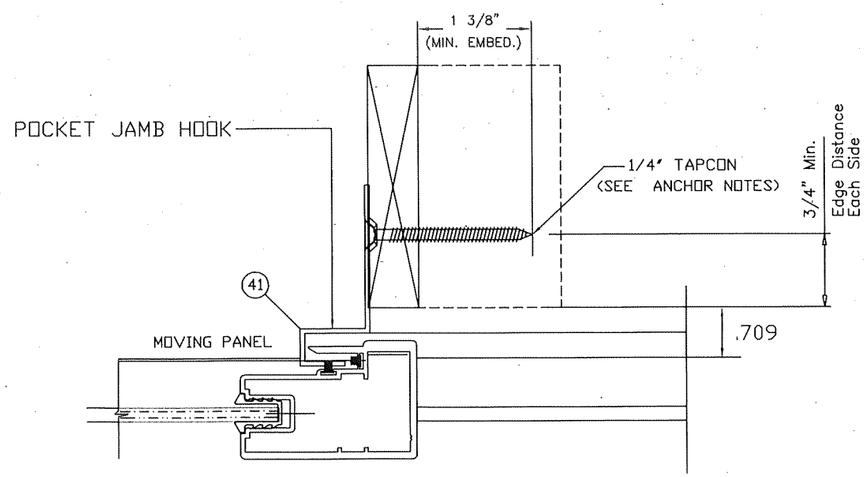
Drawn By: N. ERAZO
Date Drawn: 06/04/09
Revised By: N. ERAZO
Date Revised: 09/07/23
Revision Level: E
Scale:



THREE (3) TRACK SECTION







POCKET DOOR JAMB ANCHOR DETAIL

PRODUCT REVISED
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NOA-No. 23-0926.07
Expiration Date: 08/26/2028
By: Manuel Perez
Miami-Dade Product Control

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MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

SGD-9000 ALUMINUM SLIDING GLASS DOOR (N.I.)

NO STEEL REINFORCEMENT
3 TRACK VERTICAL CROSS SECTIONS, ANCHOR DETAILS & NOTES

Product Reference Number: | *Drawing Number:* L9000-0901 | *Sheet:* 5 OF 8 | *Revision #:*

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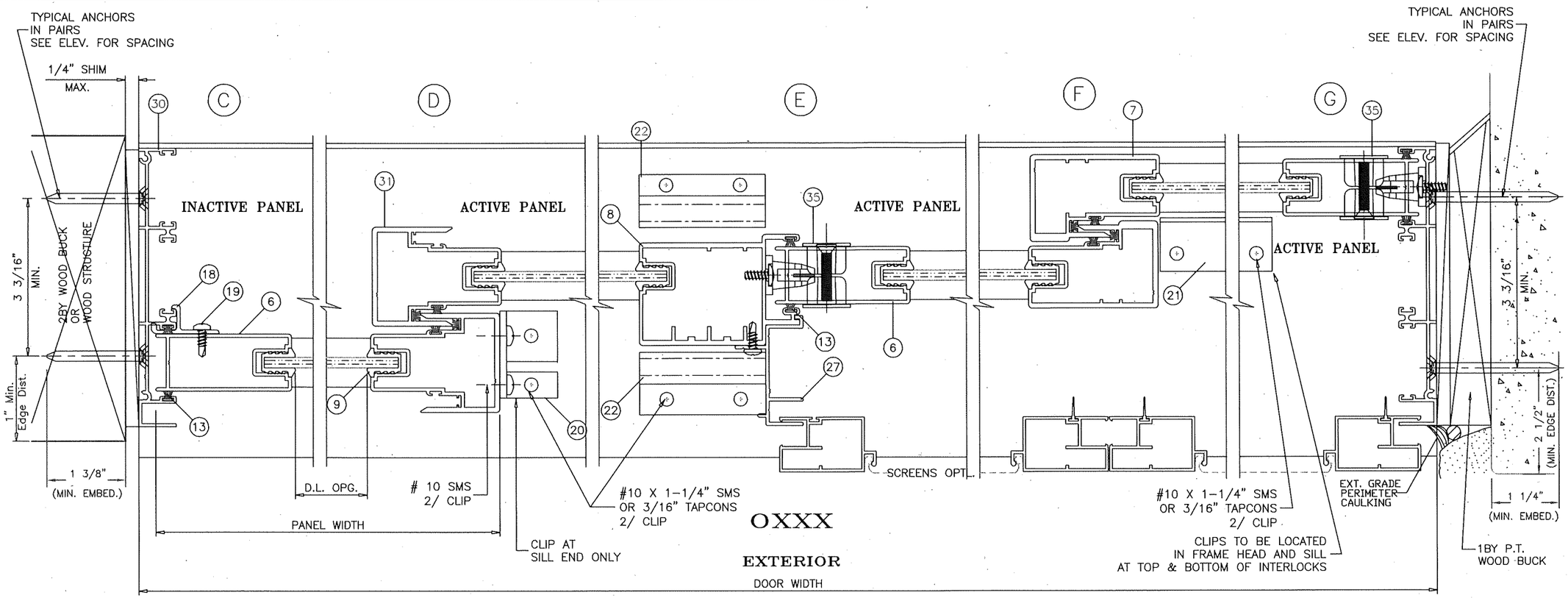
D. Revised to Comply w/ 2020 FBC
E. Revised to Comply w/ 2023 FBC

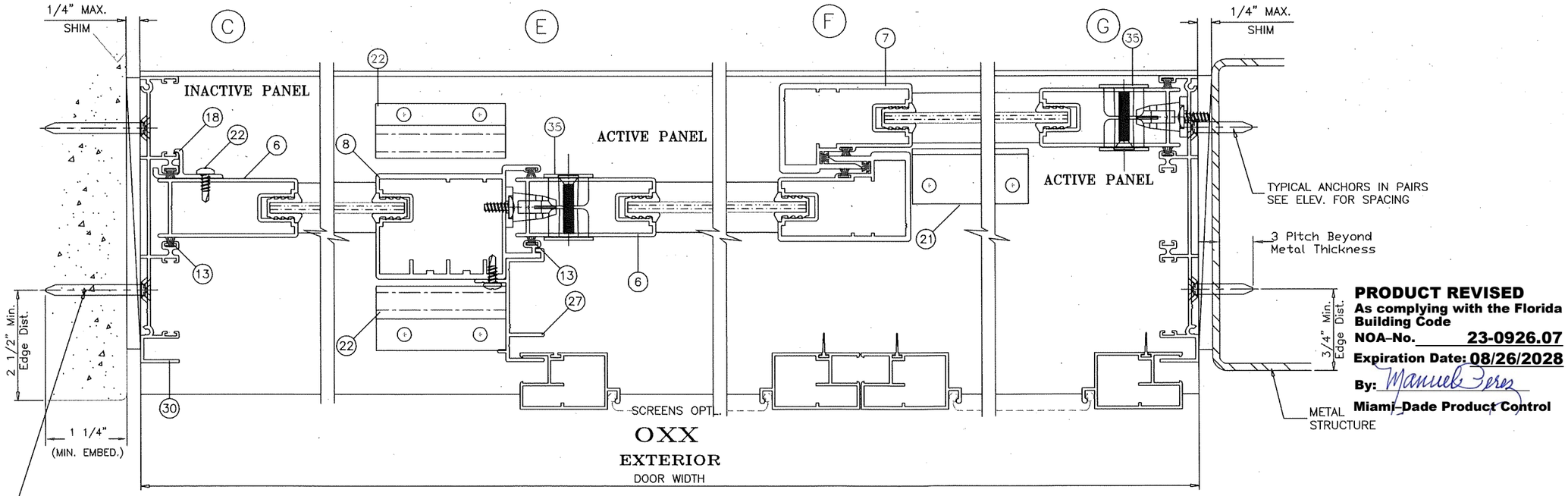
Drawn By: N. ERAZO | *Date Drawn:* 08/04/09
Revised By: N. ERAZO | *Date Revised:* 08/07/23
Revision Level: E | *Scale:*

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

STATE OF FLORIDA * PROFESSIONAL ENGINEER * THOMAS J. SOTOS * LICENSE No 55225

DATE: SEP 15 2023





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Miami-Dade Product Control

THREE (3) TRACK SECTION

LAWSON INDUSTRIES, INC.
8501 N.W. 90 ST.
MEDLEY, FLORIDA 33166
PH No. (305) 696-8660

MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

SGD-9000 ALUMINUM SLIDING GLASS DOOR (N.I.)
NO STEEL REINFORCEMENT
3 TRACK HORIZONTAL CROSS SECTIONS

Product Reference Number: | *Drawing Number:* L9000-0901 | *Sheet:* 6 OF 8 | *Revision #:*

Revision Notes:	*Drawn By:*	*Date Drawn:*
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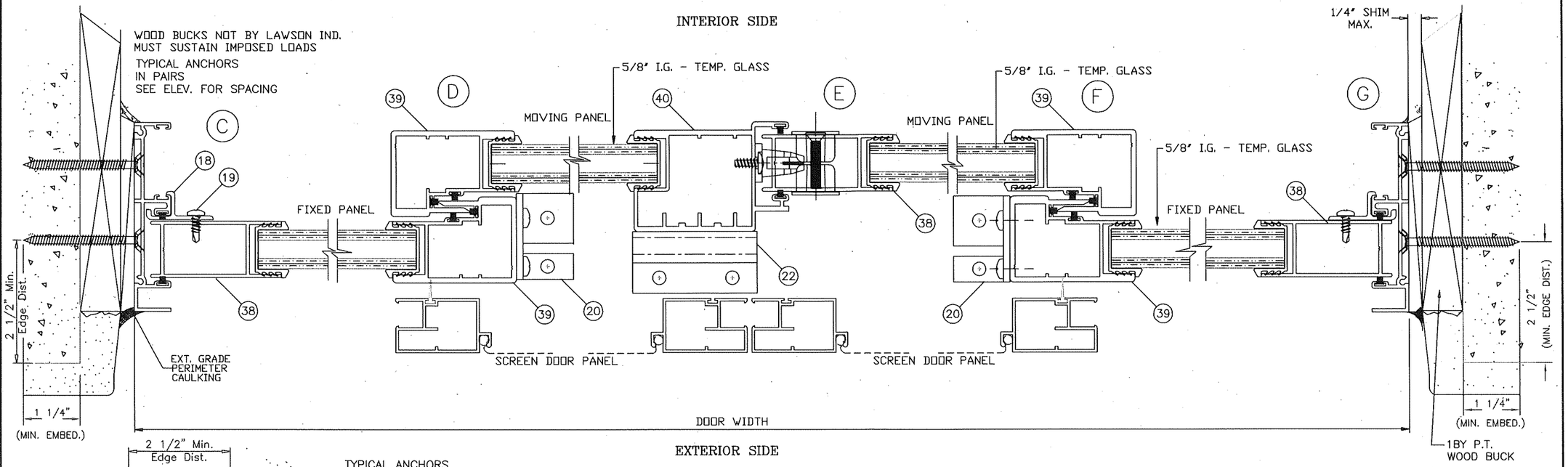
C. Revised to Comply w/ 2017 FBC		
D. Revised to Comply w/ 2020 FBC		
E. Revised to Comply w/ 2023 FBC	*Revised By:* N. ERAZO	*Date Revised:* 09/07/23
	Revision Level: E	*Scale:*

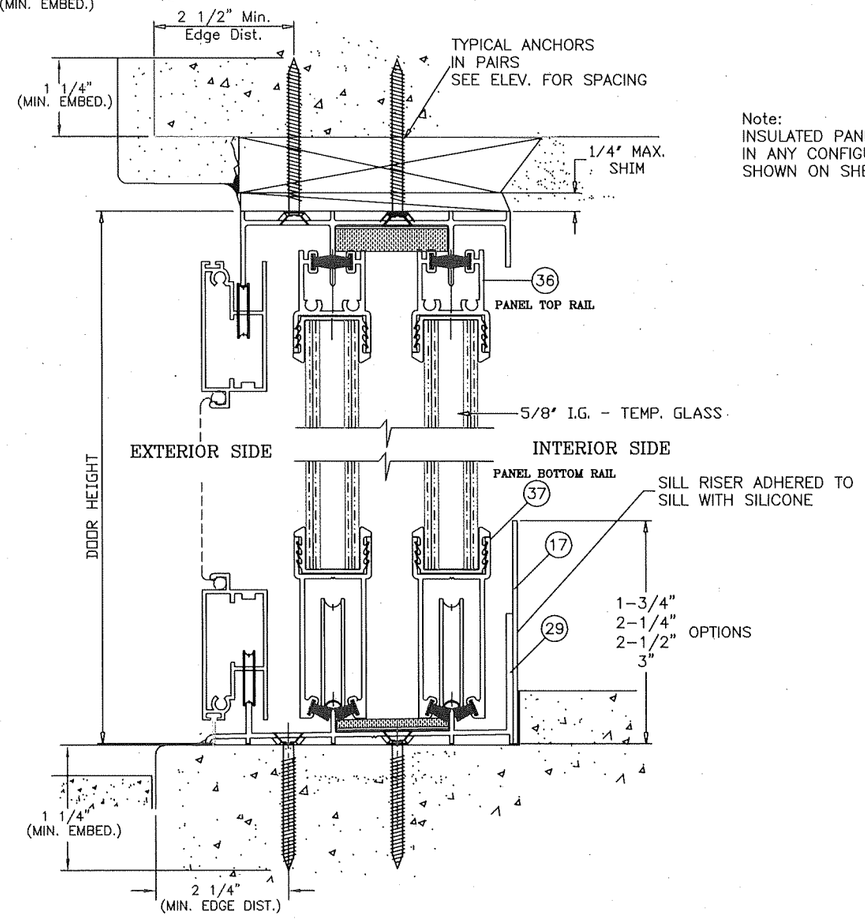
THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

THOMAS J. SOTOS LICENSE No. 55225 STATE OF FLORIDA PROFESSIONAL ENGINEER

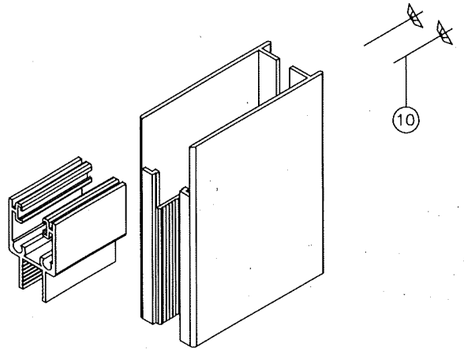
DATE: SEP 15 2023



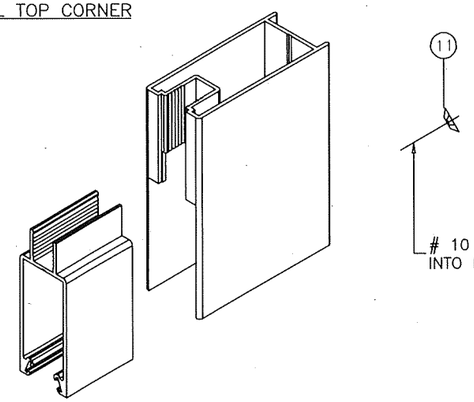
EXTERIOR SIDE



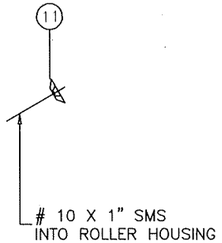
Note:
INSULATED PANELS APPROVED TO BE USED
IN ANY CONFIGURATION SIMILAR TO THOSE AS
SHOWN ON SHEETS 4, 5, & 6.



PANEL TOP CORNER



PANEL BOTTOM CORNER



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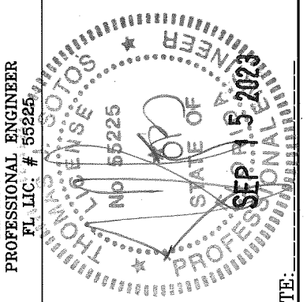

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MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

SGD-9000 ALUMINUM SLIDING GLASS DOOR (N.I.)
NO STEEL REINFORCEMENT
INSULATED DOOR PANEL SECTIONS & PANEL TYPE DETAILS

Product Reference Number:	Drawing Number: L9000-0901
Sheet: 7 OF 8	Revision #:

Revision Notes:	Drawn By:	Date Drawn:
A. Revised to Comply w/ 2010 FBC	N. ERAZO	08/04/09
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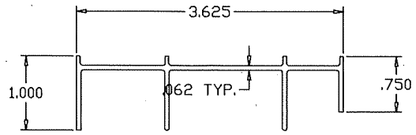
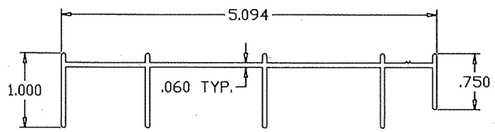
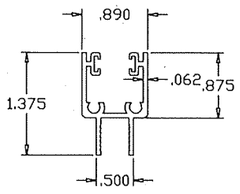


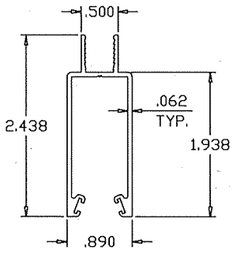
FRAME HEAD (2) TRACK



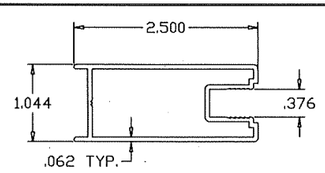
FRAME HEAD (3) TRACK



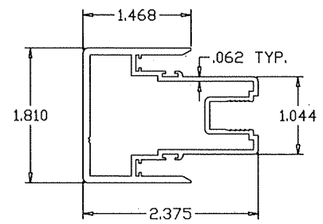
PANEL TOP RAIL



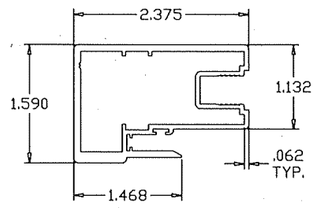
PANEL BOTTOM RAIL



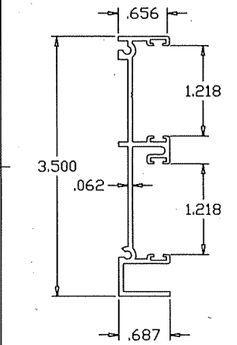
LOCK STILE



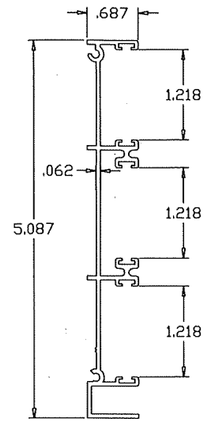
DOUBLE INTERLOCK



SINGLE INTERLOCK



FRAME JAMB (2) TRACK



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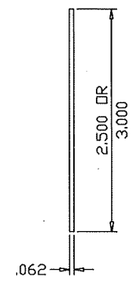
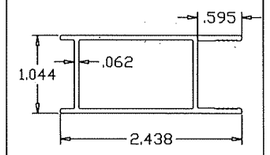
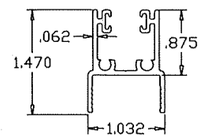


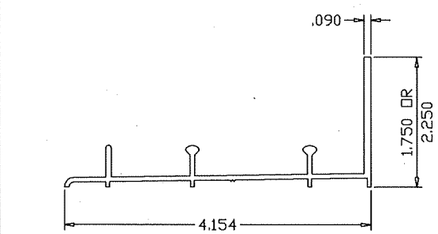
SILL RISER
FOR 2 & 3 TRACKS



INSULATED LOCK STILE



INSULATED PANEL TOP RAIL



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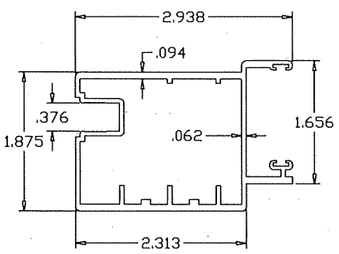
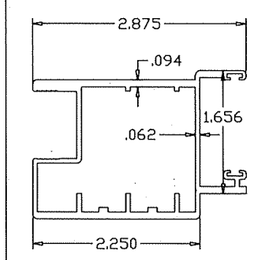
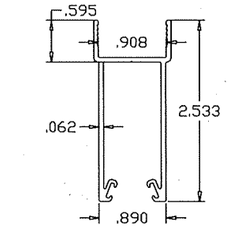


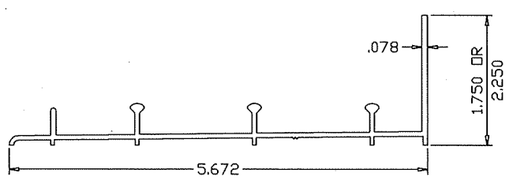
ASTRAGAL STILE



INSULATED ASTRAGAL



INSULATED BOTTOM RAIL



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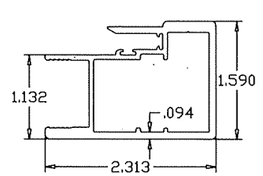
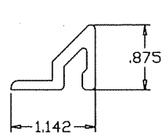
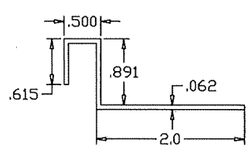


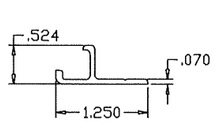
INSULATED INTERLOCK



ASTRAGAL RETAINER CLIP

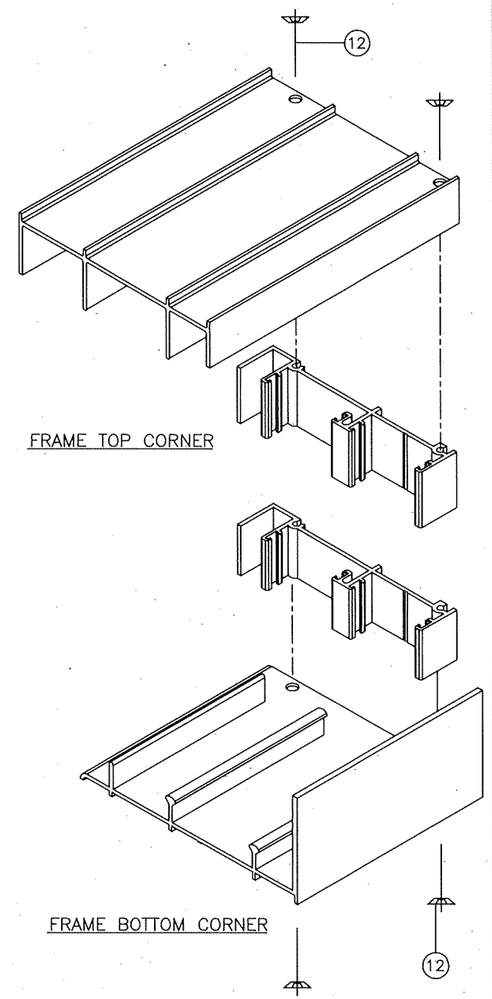


JAMB HOOK



FIXED PANEL CLIP

Flexible Vinyl (FPVC) Composition - Team Plastics, Inc.		
*1. FPVC Black: Compound No. 7200-75		
PHYSICAL		**ASTM NO.**
Durometer Hardness "A", 10 sec	75	D-2240
Specific Gravity	1.45	D-792
Tensile Strength, PSI	1640	D-638
Ultimate Elongation, %	340.0	D-638
Modulus @ 100% Elongation, PSI	765.0	D-638
Impact Brittleness,	-31.0	D-746
*2. FPVC White: Compound No. 7267-75		
PHYSICAL		**ASTM NO.**
Durometer Hardness "A", 10 sec	75	D-2240
Specific Gravity	1.45	D-792
Tensile Strength, PSI	1640	D-638
Ultimate Elongation, %	325.0	D-638
Modulus @ 100% Elongation, PSI	765.0	D-638
Impact Brittleness,	-30.0	D-746



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SEP 15 2023

DATE:

LAMSON
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MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

SGD-9000 ALUMINUM SLIDING GLASS DOOR (N.I.)

NO STEEL REINFORCEMENT

EXTRUSTION SECTION DRAWINGS & FRAME ASSEMBLY DETAIL

Product Reference Number:	Drawing Number: L9000-0901	Sheet: 8 OF 8	Revision #:

Revision Notes:	Drawn By:	Date Drawn:	Revised By:	Date Revised:	Revision Level:	Scale:
A. Revised to Comply w/ 2010 FBC	N. ERAZO	06/04/09	N. ERAZO	09/07/23	E	
B. Revised to Comply w/ 2014 FBC						
C. Revised to Comply w/ 2017 FBC						
D. Revised to Comply w/ 2020 FBC						
E. Revised to Comply w/ 2023 FBC						