



**MIAMI-DADE COUNTY**  
**BUILDING CODE COMPLIANCE OFFICE (BCCO)**  
**PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA**  
**METRO-DADE FLAGLER BUILDING**  
**140 WEST FLAGLER STREET, SUITE 1107**  
**MIAMI, FLORIDA 33130-1563**  
**(305) 375-2902 FAX (305) 372-6339**

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

**Lawson Industries, Inc.**  
**8501 NW 90<sup>th</sup> 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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 "SDG-9000" 8'0" Aluminum Sliding Glass Door w/o Reinforcement – N. I.**

**APPROVAL DOCUMENT:** Drawing No. L9000-0901, titled "Series SDG-9000 Aluminum Sliding Glass Door – Non-Impact", sheets 1 through 8 of 8, dated 06/04/09, with revision "A" dated 09/23/09, prepared by Lawson Industries, Inc., signed and sealed by Thomas J. Soto, 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 Division.

**MISSILE IMPACT RATING: None.**

**LIMITATIONS:** Miami-Dade County Product Control Approved Shutters Or Protection Devices Shall Be Required.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 revises NOA No. 06-0911.07 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



*J. Gascon*  
 11/17/09

**NOA No. 09-0706.07**  
**Expiration Date: August 26, 2012**  
**Approval Date: December 09, 2009**  
**Page 1**

Lawson Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **L9000-0901**, titled "Series SDG-9000 Aluminum Sliding Glass Door – Non-Impact", sheets 1 through 8 of 8, dated 06/04/09, with revision "A" dated 09/23/09, prepared by Lawson Industries, Inc., signed and sealed by Thomas J. Soto, 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 aluminum sliding glass doors, prepared by Hurricane Engineering & Testing, Inc., Test Report No.'s **HETI-09-2534** and **HETI-08-2176**, dated 05/05/09, both signed and sealed by Candido F. Font, P. E.
2. 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  
along with marked-up drawings and installation diagram of aluminum sliding glass doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No.'s **FTL-2019, 2021, 2023, 2024, 2025, 2028, 2029** and **2030**, dated 01/04/99, all signed and sealed by Gilbert Diamond, P. E.  
*(Submitted under previous NOA No. 02-0618.05)*
3. Test reports on: 1) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94 along with marked-up drawings and installation diagram of aluminum sliding glass doors, marked-up by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2030** dated 01/04/99, signed and sealed by Gilbert Diamond, P. E.  
*(Submitted under previous NOA No. 02-0618.05)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Lawson Industries, Inc., dated 11/09/09, signed and sealed by Thomas J. Soto, P. E.  
**Complies with ASTM E1300-02/ 04**

**D. QUALITY ASSURANCE**

1. Miami-Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. None.



Jaime D. Gascon, P. E.  
Chief, Product Control Division  
NOA No. 09-0706.07

Expiration Date: August 26, 2012  
Approval Date: December 09, 2009

Lawson Industries, Inc.

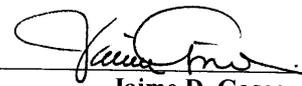
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**F. STATEMENTS**

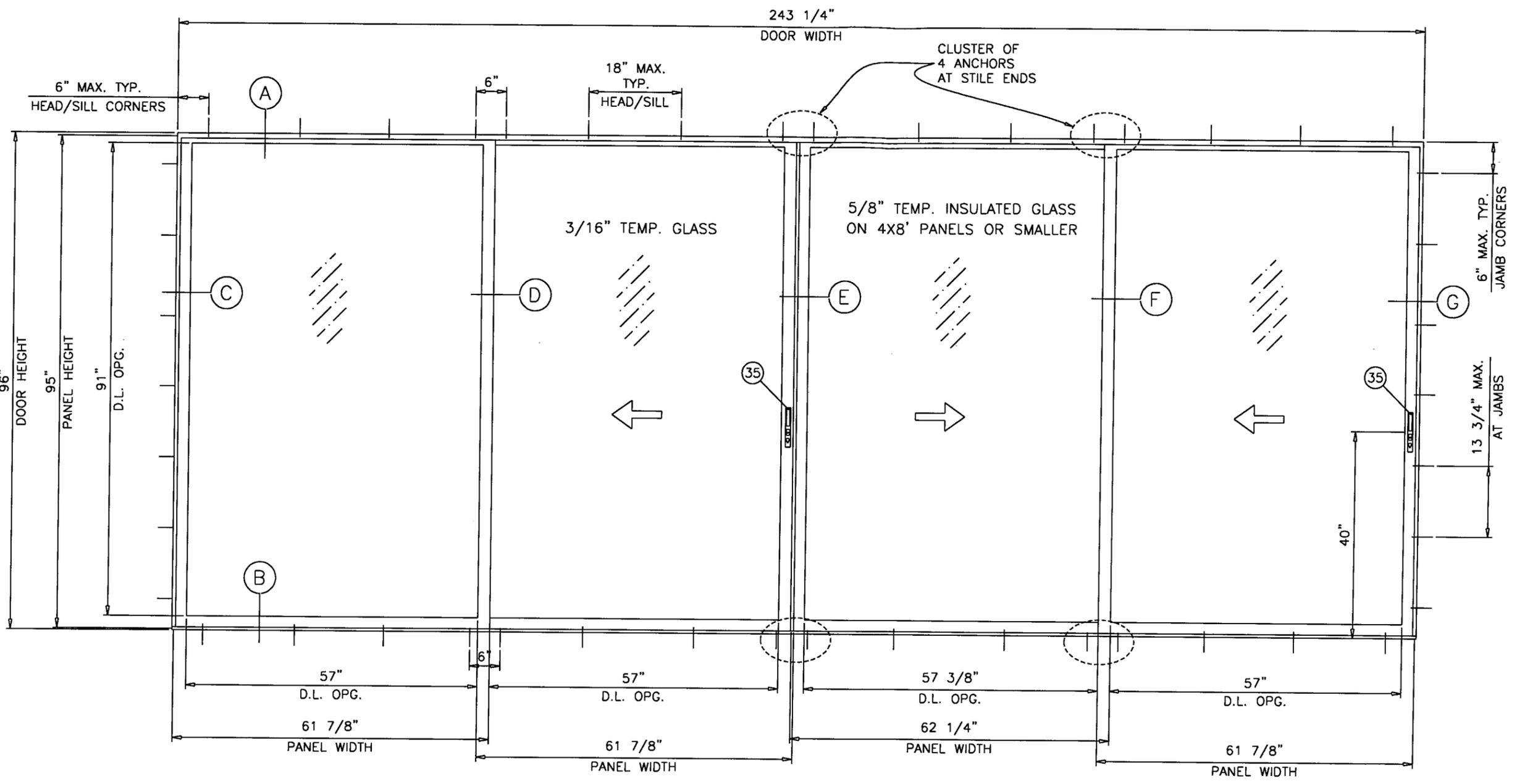
1. Statement letter of conformance, dated June 10, 2009, signed and sealed by Thomas J. Soto, P. E.
2. Statement letter of no financial interest, dated June 22, 2009, signed and sealed by Thomas J. Soto, P. E.
3. Laboratory compliance letter for Test Report No.'s **HETI-09-2534** and **HETI-08-2176**, issued by Hurricane Engineering & Testing, Inc., dated May 05, 2009, signed and sealed by Candido F. Font, P. E.
4. Laboratory compliance letter for Test Report No.'s **FTL -2019, 2021, 2023, 2024, 2025, 2028, 2029** and **2030**, issued by Fenestration Testing Laboratory, Inc., dated January 04, 1999, signed and sealed by Gilbert Diamond, P. E.  
*(Submitted under previous NOA No. 02-0618.05)*
5. Proposal No. **08-0591** issued by BCCO, dated July 15, 2008, signed by Renzo Narciso.

**G. OTHERS**

1. Notice of Acceptance No. **06-0911.07**, issued to Lawson Industries, Inc. for their Series "**9000 Aluminum Sliding Glass Door - N. I.**", approved on 02/22/07 and expiring on 08/26/12.



Jaime D. Gascon, P. E.  
Chief, Product Control Division  
NOA No. 09-0706.07  
Expiration Date: August 26, 2012  
Approval Date: December 09, 2009



**SGD-9000 ALUMINUM SLIDING GLASS DOOR TYPICAL ELEVATION**

**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 2007 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  
Acceptance No. 09-0706.07  
Expiration Date August 26, 2012

By [Signature]  
Miami Dade Product Control  
Division

THOMAS J. SOTOS  
PROFESSIONAL ENGINEER  
FL LIC. # 55225

[Signature]  
SEP 23 2009

DATE \_\_\_\_\_

Revision Notes:  
A. REVISED AS PER FBC-2007 AND ADDED  
5/8" INSULATED GLASS AND POCKET DOORS

Drawn By:	T. SOTOS	Date Drawn:	06/04/09
Revised By:	N. ERAZO	Date Revised:	06/04/09
Revision Level:	A	Scale:	

**LAWSON INDUSTRIES, INC.**  
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

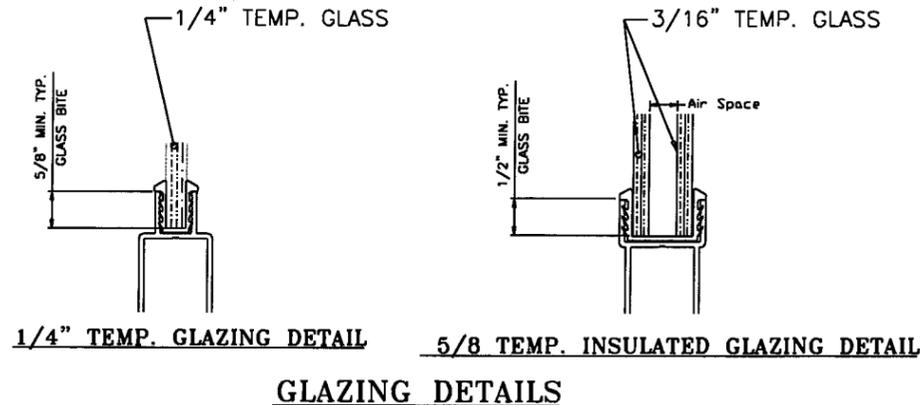
8501 N.W. 90 ST.  
MEDLEY, FLORIDA 33166  
PH No. (305) 696-8660

**SGD-9000 SLIDING GLASS DOOR - NON-IMPACT**  
GENERAL NOTES AND TYPICAL ELEVATION

Product Number: SGD-9000  
Drawing Number: L9000-0901  
Sheet: 1 OF 8  
Revision #: A

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	VINYL	TEAM PLASTICS
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	ALUMINUM	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	ALUMINUM	3"x 1 1/2"x 1 9/16"x 1/8"
21	AR-002	1	MOVING INTERLOCK ANGLE/CLIP	ALUMINUM	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 GUIDE	NYLON	-
33	1072a	2/ PANEL	PANEL BOTTOM GUIDE	NYLON	-
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	L-9101	1/ PANEL	5/8" INSULATED PANEL TOP RAIL	6063-T6 ALUM.	PROFILE
37	L-9102	1/ PANEL	5/8" INSULATED PANEL BOTTOM RAIL	6063-T5 ALUM.	PROFILE
38	L-9103	1/ PANEL	5/8" INSULATED PANEL LOCK STILE	6063-T6 ALUM.	PROFILE
39	L-9104	1/ PANEL	5/8" INSULATED PANEL INTERLOCK	6063-T6 ALUM.	PROFILE
40	L-9105	1/ PANEL	5/8" INSULATED PANEL ASTRAGAL	6063-T6 ALUM.	PROFILE
41	L-9026	AS REQ'D.	POCKET DOOR JAMB HOOK	6063-T6 ALUM.	PROFILE
42	L-9045	AS REQ'D.	5/8" GLAZING CHANNEL	VINYL	TEAM PLASTICS

\* 4 ON 9/0 HIGH DOORS ONLY



DESIGN LOAD CAPACITY - PSF									
PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	DOORS WITH 2 PANELS ONLY (3/16" TEMP. GLASS)							
		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									
PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	DOORS WITH 3 OR MORE PANELS (3/16" TEMP. GLASS)							
		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 THIS CHART 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  
Acceptance No. 09-0706.07  
Expiration Date AUGUST 26, 2012  
By [Signature]  
Miami Dade Product Control  
Division

THOMAS A SOTOS  
PROFESSIONAL ENGINEER  
FL LIC. # 55225  
[Signature]  
SEP 23 2009  
DATE SEP 23 2009

Revision Notes:  
A. REVISED AS PER FBC-2007 AND ADDED  
5/8" INSULATED GLASS AND POCKET DOORS

Drawn By: T. SOTOS  
Revised By: N. ERAZO  
Revision Level: A

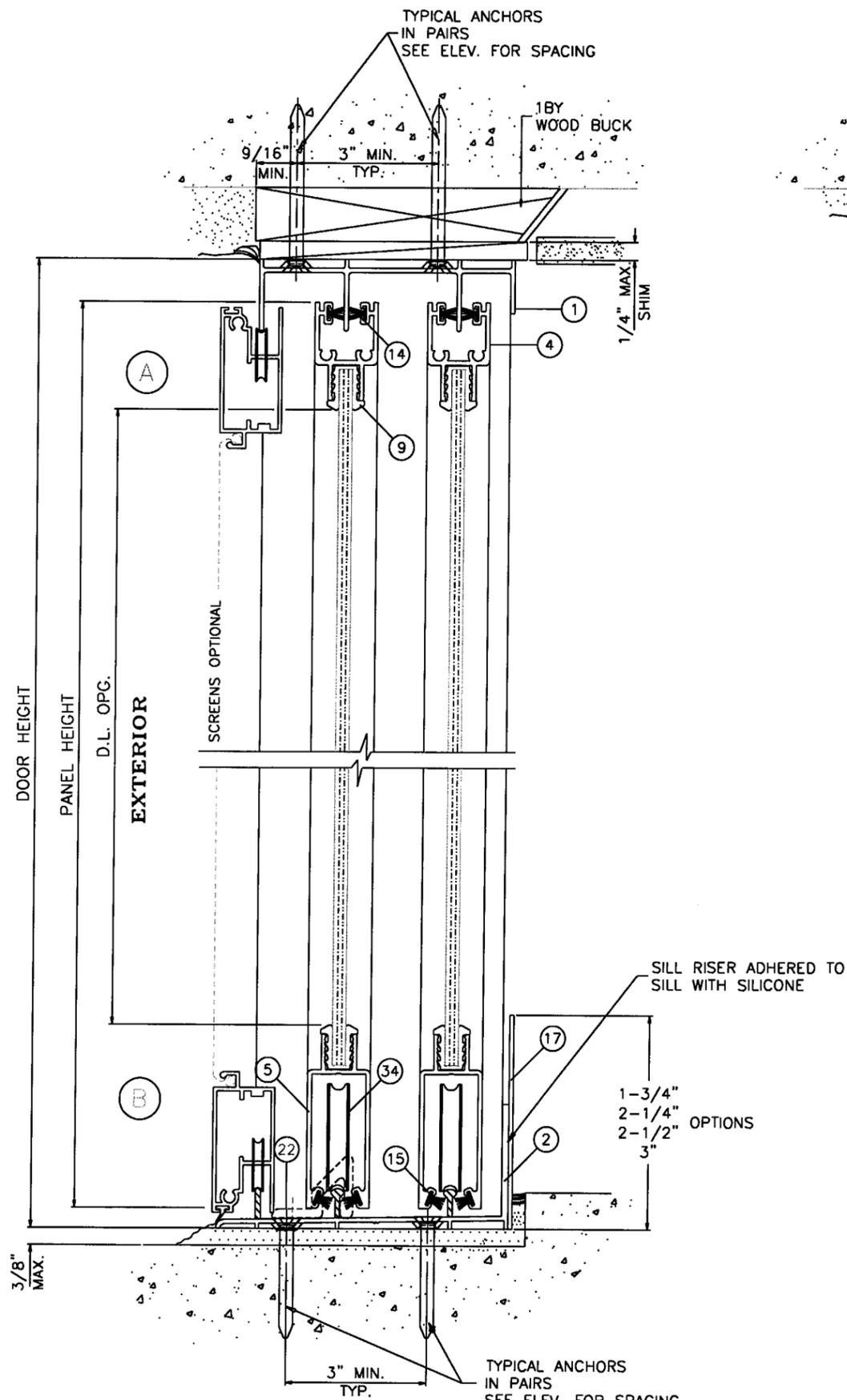
Date Drawn: 06/04/09  
Date Revised: 06/04/09  
Scale:

**LAWSON INDUSTRIES, INC.**  
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

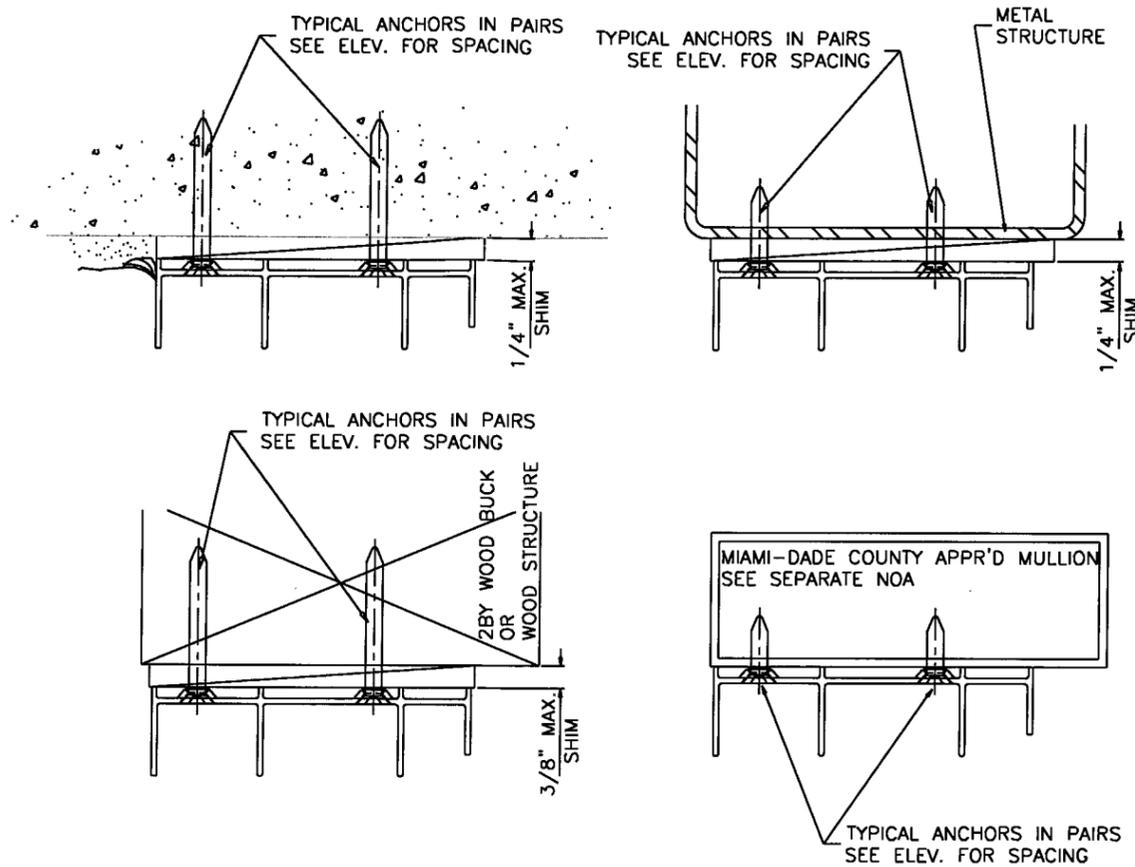
8501 N.W. 90 ST.  
MEDLEY, FLORIDA 33166  
PH No. (305) 696-8660

**SGD-9000 SLIDING GLASS DOOR - NON-IMPACT**  
DESIGN PRESSURES, GLAZING DETAILS AND BOM

Product Number: SGD-9000  
Drawing Number: L9000-0901  
Sheet: 2 OF 8  
Revision #: A



**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:**

1/4" DIA TAPCONS SEE ELEV. FOR SPACING  
 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  
 INTO METAL STRUCTURES  
 STEEL : 12 GA. MIN. (F<sub>y</sub> = 36 KSI MIN.)  
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

#10 SMS  
 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.

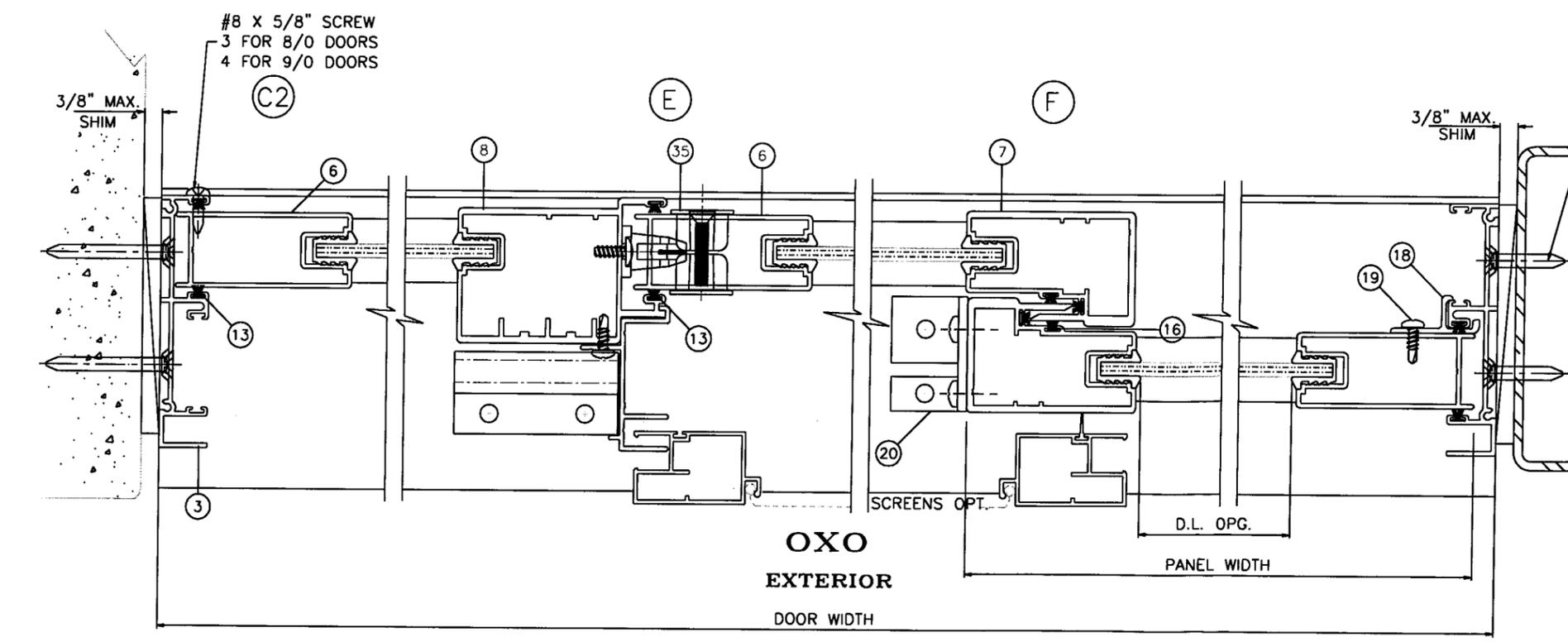
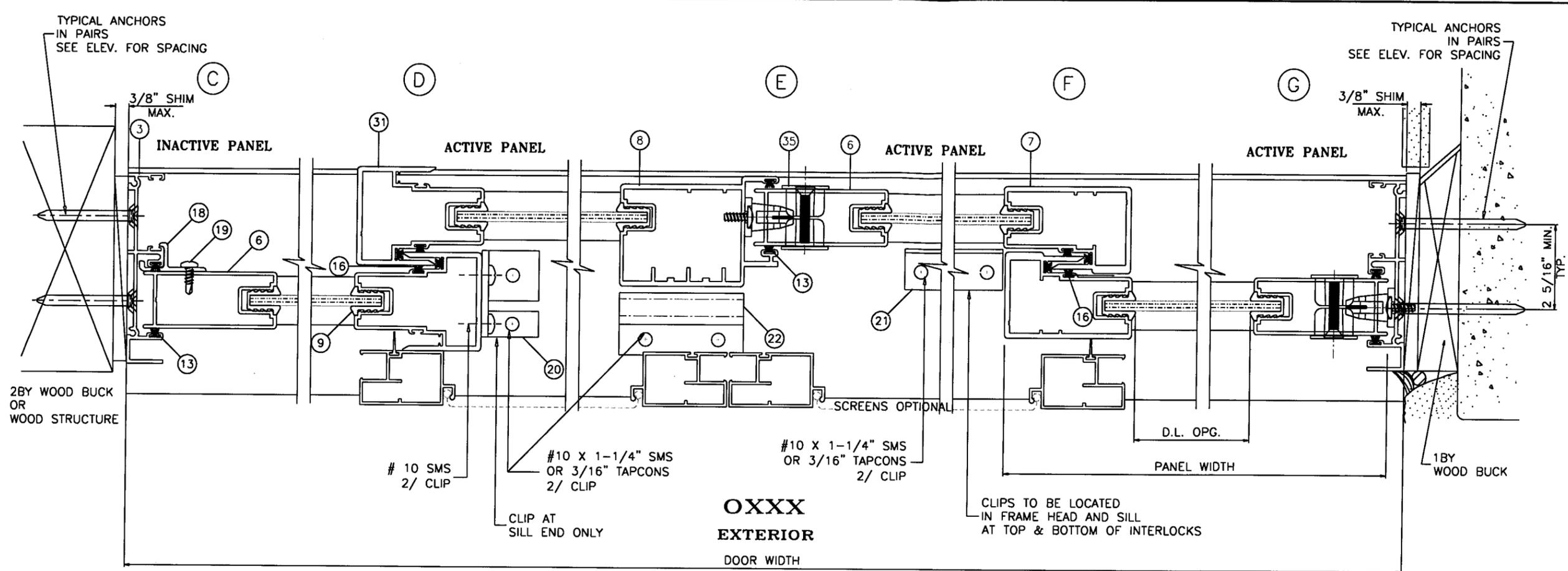
**SEALANTS:**  
 ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH SEALANT.

MIAMI-DADE COUNTY APPR'D MULLION  
 SEE SEPARATE NOA

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 09-0706.07  
 Expiration Date AUGUST 26, 2012  
 By [Signature]  
 Miami Dade Product Control  
 Division

THOMAS J. SOTOS  
 PROFESSIONAL ENGINEER  
 FL LIC. # 55225  
[Signature]  
 SEP 23 2009  
 DATE \_\_\_\_\_

8501 N.W. 90 ST. MEDLEY, FLORIDA 33166 PH No. (305) 696-8660	
<h1>LAWSON</h1> <p>INDUSTRIES, INC.</p>	
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS	
<b>SGD-9000 SLIDING GLASS DOOR - NON-IMPACT</b>	
TWO TRACK VERTICAL CROSS SECTION, ANCHOR DETAILS AND NOTES	
Product Number: SGD-9000	Drawing Number: L9000-0901
Sheet: 3 OF 8	Revision #: A
Revision Notes: A. REVISED AS PER FBC-2007 AND ADDED 5/8" INSULATED GLASS AND POCKET DOORS	Date Drawn: 06/04/09 Date Revised: 06/04/09 Scale: A
Drawn By: T. SOTOS	Revised By: N. ERAZO



**TWO (2) TRACK SECTION**

**LAWSON INDUSTRIES, INC.**  
 MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS  
 SGD-9000 SLIDING GLASS DOOR - NON-IMPACT  
 TWO TRACK HORIZONTAL CROSS SECTION - HEAVY REINFORCEMENT

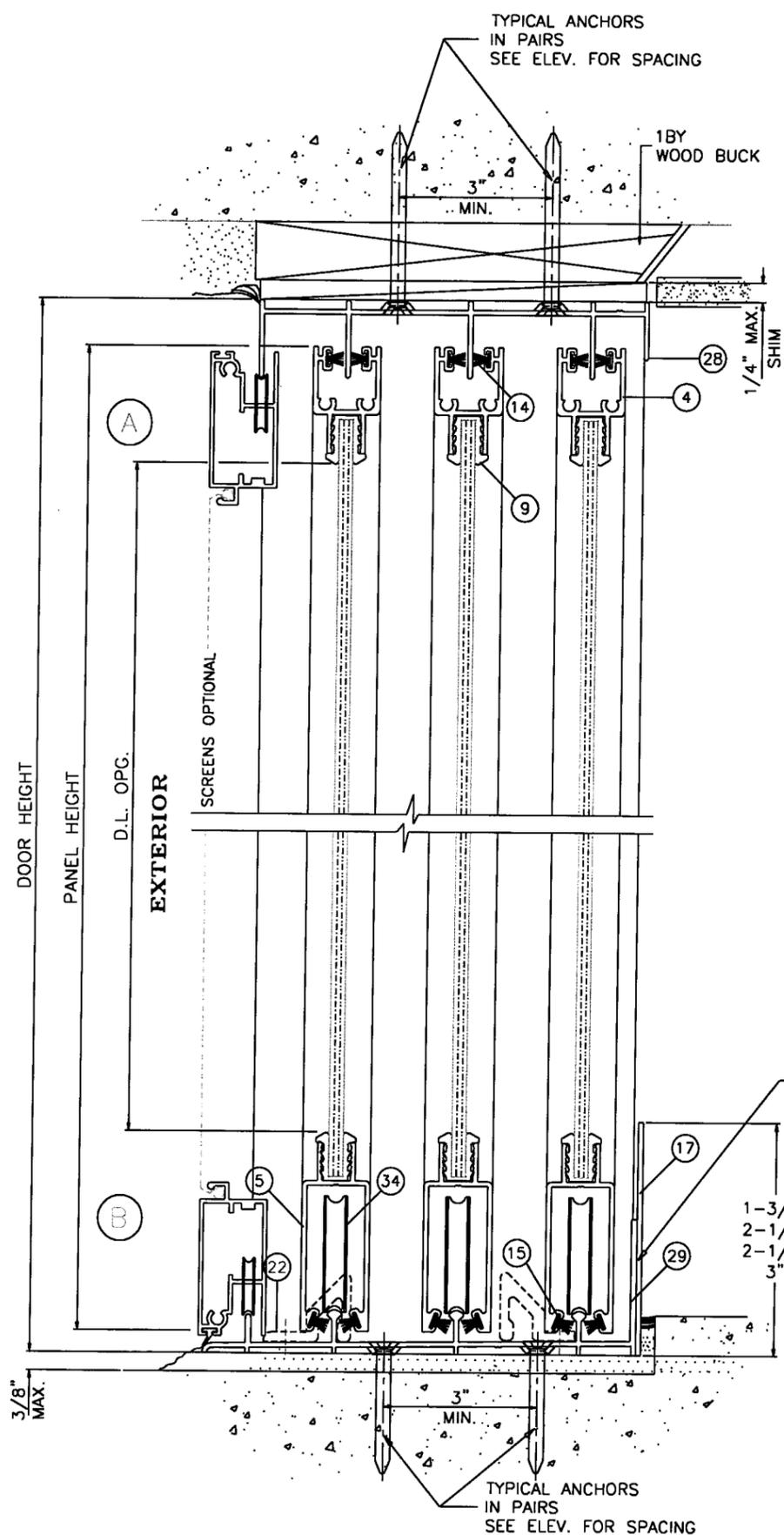
8501 N.W. 90 ST.  
 MEDLEY, FLORIDA 33166  
 PH No. (305) 696-8660

Product Number: SGD-9000 Drawing Number: L9000-0901 Sheet: 4 OF 8 Revision #: A

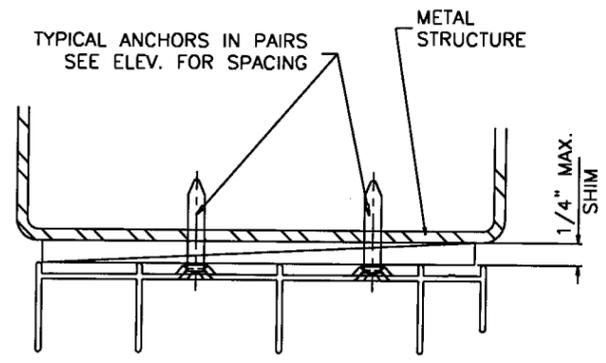
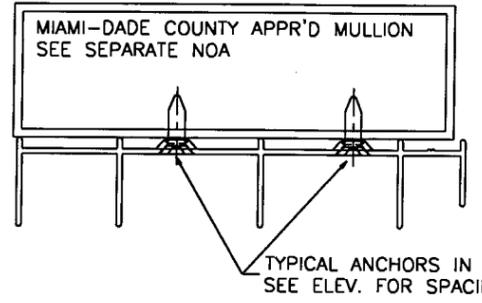
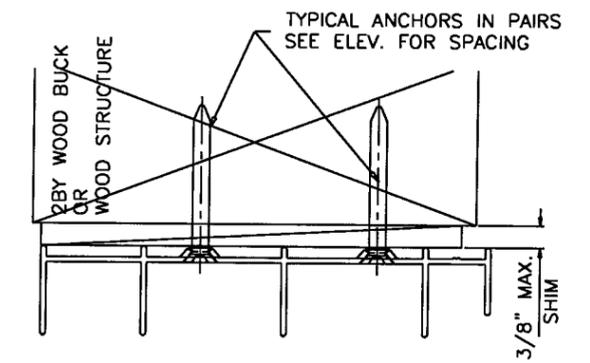
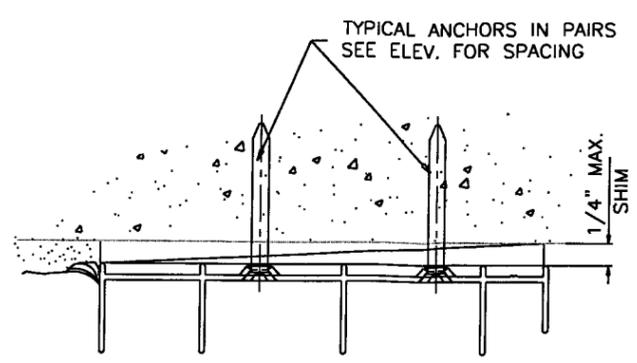
PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No. **09-0706.07**  
 Expiration Date **AUGUST 26, 2012**  
 By *[Signature]*  
 Miami Dade Product Control Division

**THOMAS J. SOTOS**  
 PROFESSIONAL ENGINEER  
 FL LIC. # 55225  
*[Signature]*  
 SEP 23 2009  
 DATE \_\_\_\_\_

Revision Notes: A. REVISED AS PER FBC-2007 AND ADDED 5/8" INSULATED GLASS AND POCKET DOORS	
Drawn By: T. SOTOS	Date Drawn: 06/04/09
Revised By: N. ERAZO	Date Revised: 06/04/09
Revision Level: A	Scale:



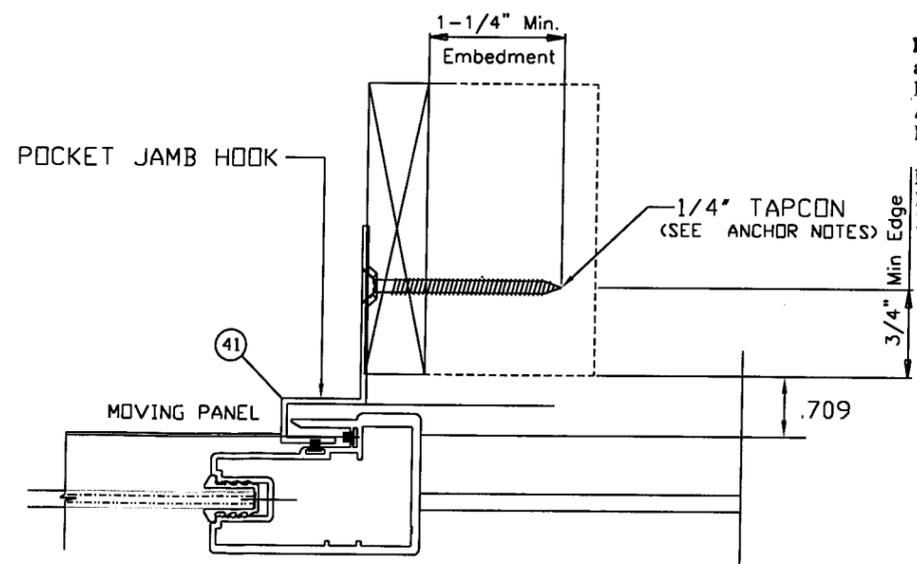
**THREE (3) TRACK SECTION**



**THREE (3) TRACK SECTION**

SILL RISER ADHERED TO SILL WITH SILICONE

1-3/4"  
2-1/4"  
2-1/2"  
3"  
OPTIONS



**POCKET DOOR JAMB ANCHOR DETAIL**

PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No. 09-0706.07  
 Expiration Date August 26, 2012  
 By: [Signature]  
 Miami Dade Product Control Division

THOMAS J. SOTOS  
 PROFESSIONAL ENGINEER  
 FL LIC. # 55225  
 DATE: SEP 23 2009

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

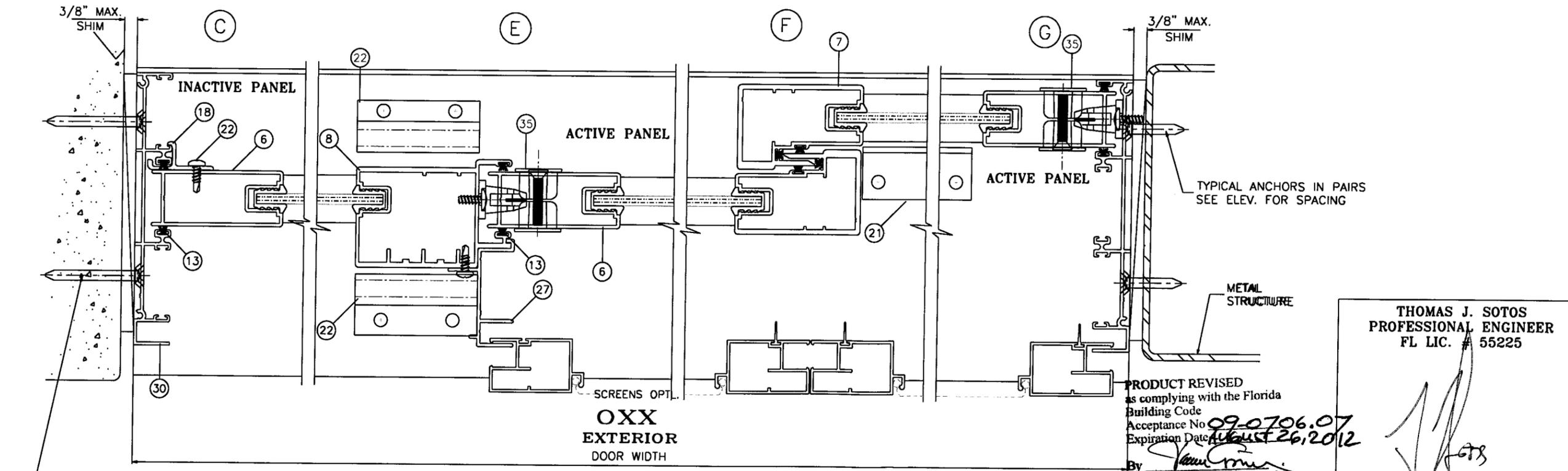
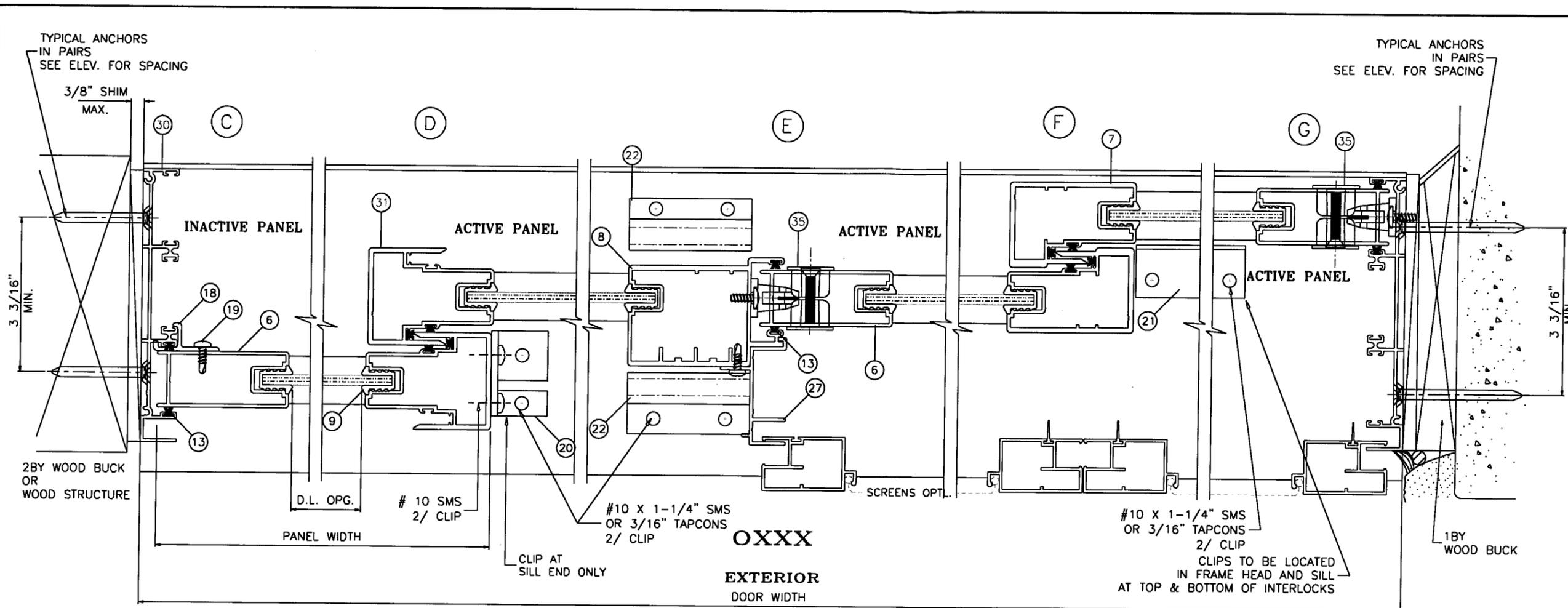
**LAWSON INDUSTRIES, INC.**  
 MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

SGD-9000 SLIDING GLASS DOOR - NON-IMPACT  
 THREE TRACK VERTICAL CROSS SECTION, ANCHOR DETAILS AND NOTES

Revision Notes:  
 A. REVISED AS PER FBC-2007 AND ADDED 5/8" INSULATED GLASS AND POCKET DOORS

Drawn By:	T. SOTOS	Date Drawn:	06/04/09
Revised By:	N. ERAZO	Date Revised:	06/04/09
Revision Level:	A	Scale:	

Product Number: SGD-9000  
 Drawing Number: L9000-0901  
 Sheet: 5 OF 8  
 Revision #: A



**THREE (3) TRACK SECTION**

**LAWSON**  
INDUSTRIES, INC.

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MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS  
SGD-9000 SLIDING GLASS DOOR - NON-IMPACT  
THREE TRACK HORIZONTAL CROSS SECTION - HEAVY REINFORCEMENT

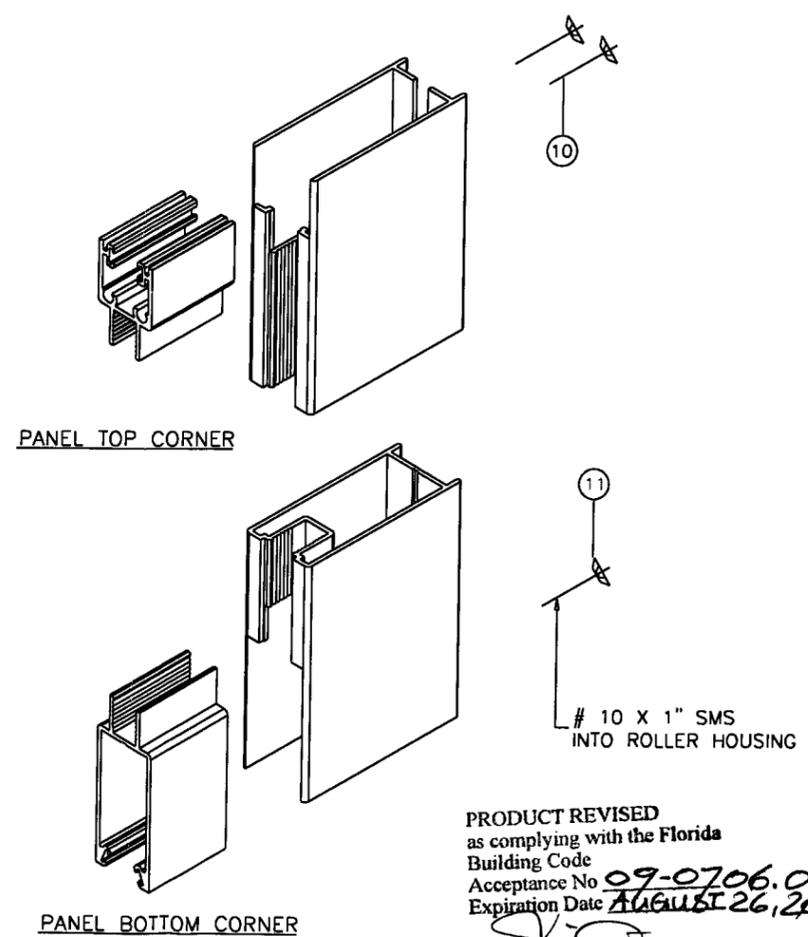
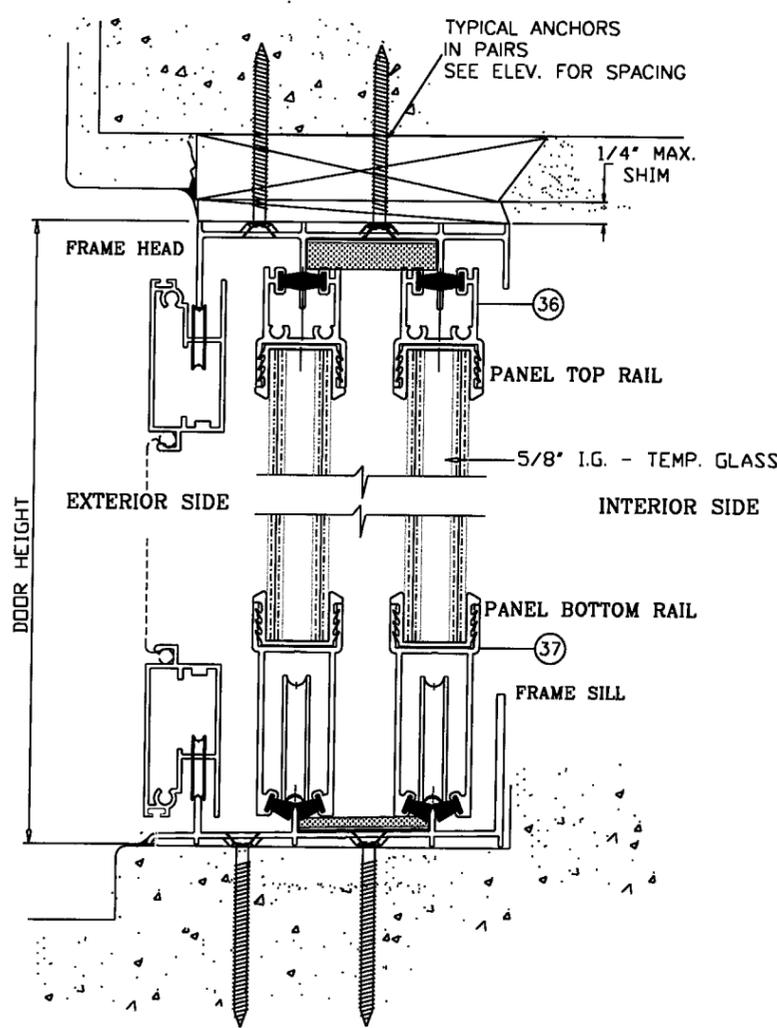
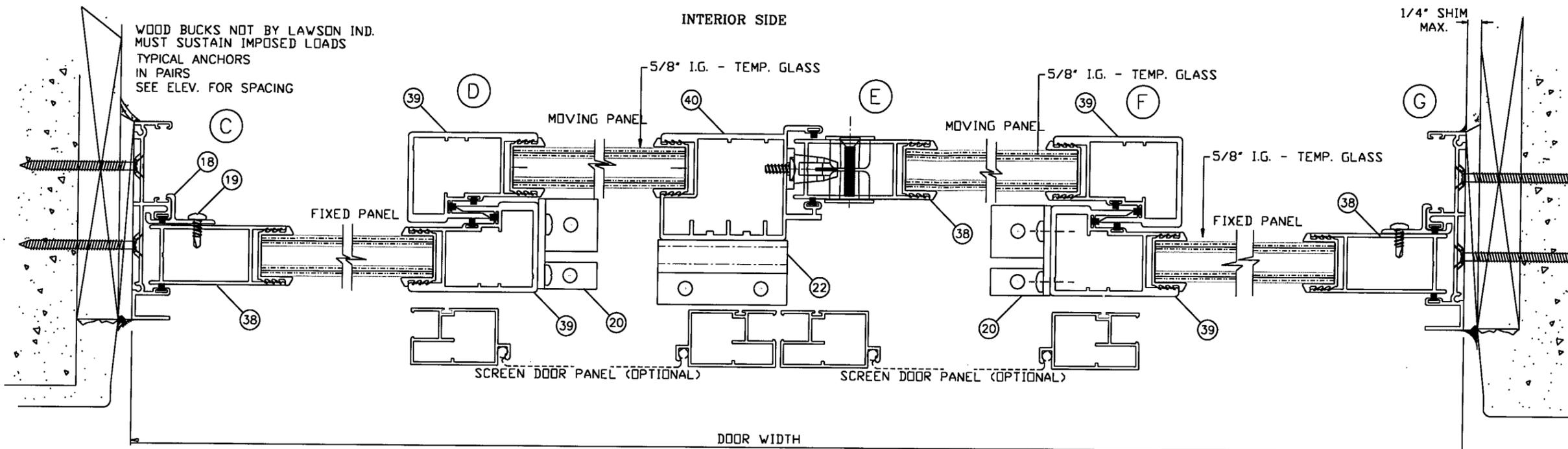
Revision Notes:  
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5/8" INSULATED GLASS AND POCKET DOORS

Drawn By:	T. SOTOS	Date Drawn:	06/04/09
Revised By:	N. ERAZO	Date Revised:	06/04/09
Revision Level:	A	Scale:	

THOMAS J. SOTOS  
PROFESSIONAL ENGINEER  
FL LIC. # 55225

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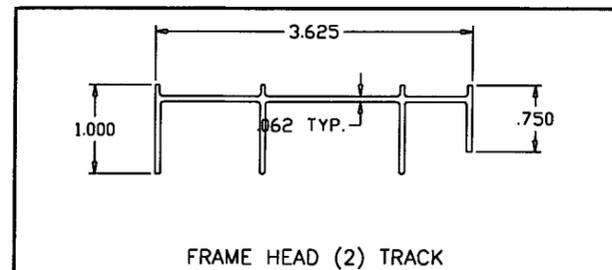
DATE SEP 23 2009



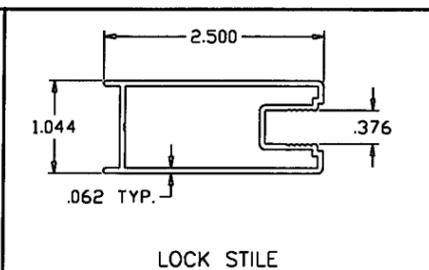
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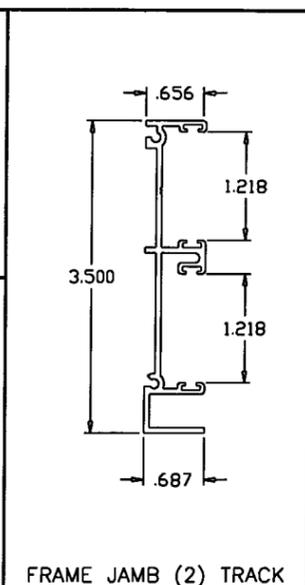
8501 N.W. 90 ST. MEDLEY, FLORIDA 33166 PH No. (305) 696-8660	
<b>LAWSON</b> INDUSTRIES, INC.	
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS	
<b>SGD-9000 SLIDING GLASS DOOR - NON-IMPACT</b>	
INSULATED DOOR PANEL SECTIONS & PANEL ASSEMBLY DETAIL	
Revision Notes: A. REVISED AS PER FBC-2007 AND ADDED 5/8" INSULATED GLASS AND POCKET DOORS	Product Number: SGD-9000 Drawing Number: L9000-0901 Sheet: 7 OF 8 Revision #: A
Drawn By: T. SOTOS Revised By: N. ERAZO Revision Level: A	Date Drawn: 06/04/09 Date Revised: 06/04/09 Scale:



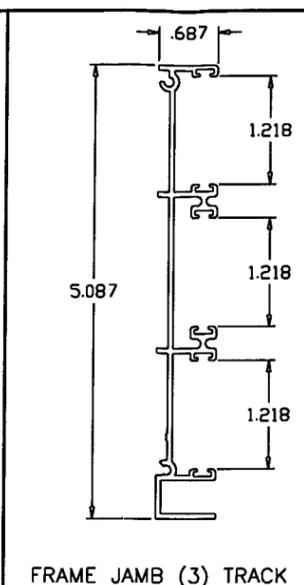
FRAME HEAD (2) TRACK



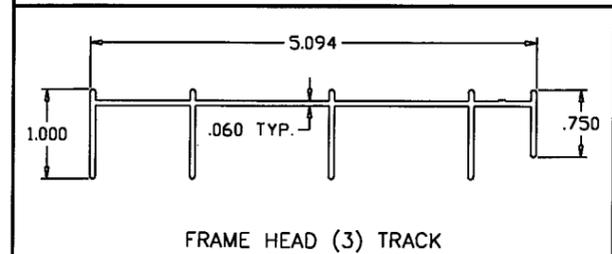
LOCK STILE



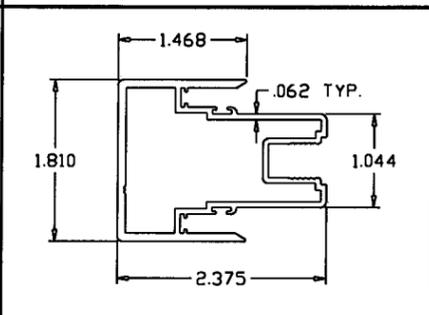
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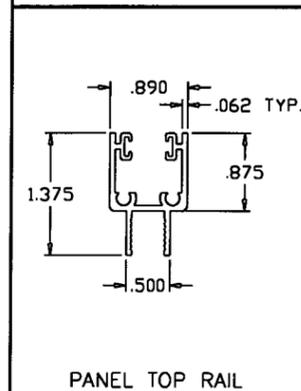
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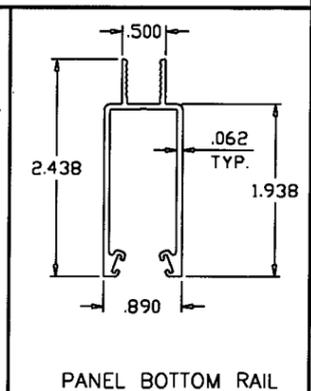
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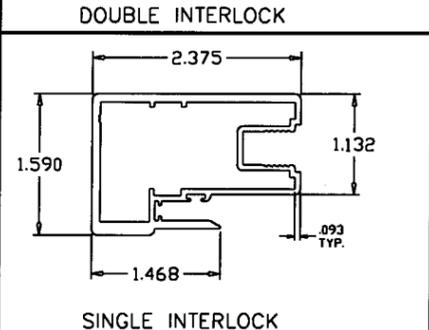
DOUBLE INTERLOCK



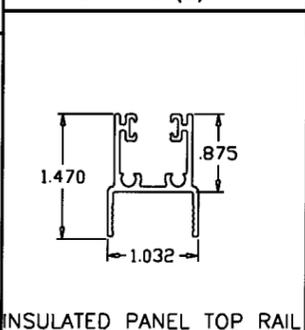
PANEL TOP RAIL



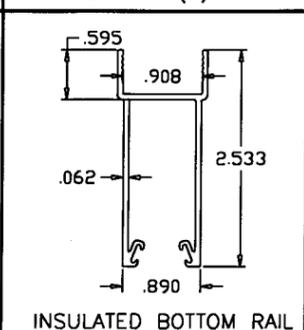
PANEL BOTTOM RAIL



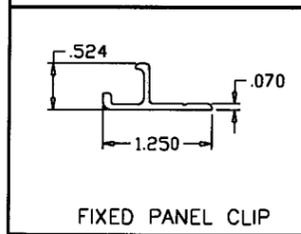
SINGLE INTERLOCK



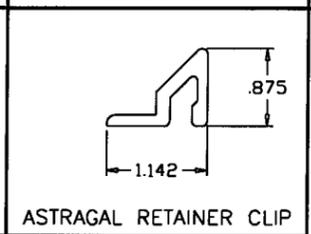
INSULATED PANEL TOP RAIL



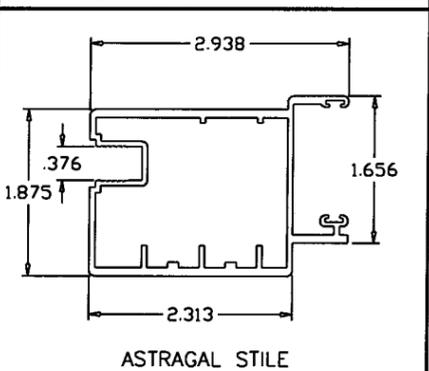
INSULATED BOTTOM RAIL



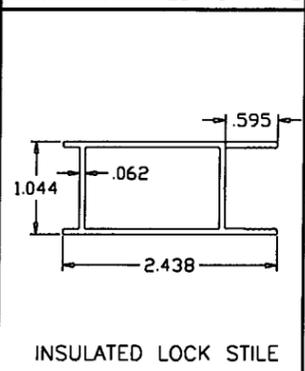
FIXED PANEL CLIP



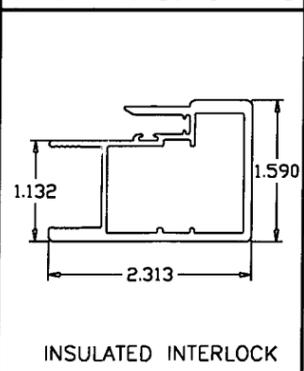
ASTRAGAL RETAINER CLIP



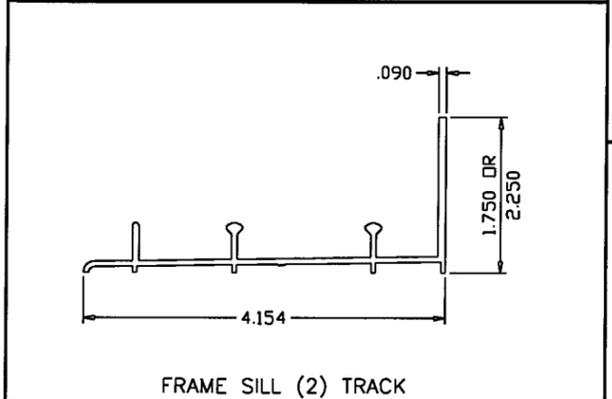
ASTRAGAL STILE



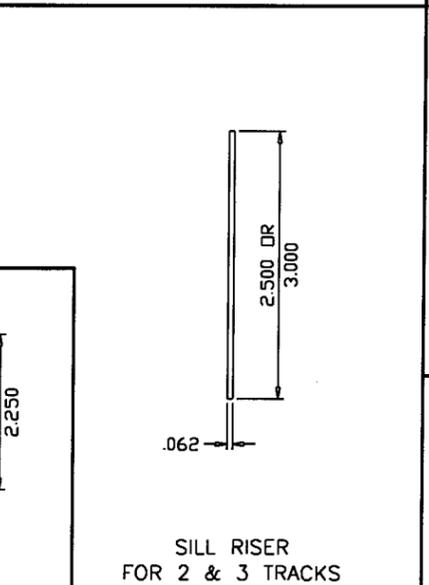
INSULATED LOCK STILE



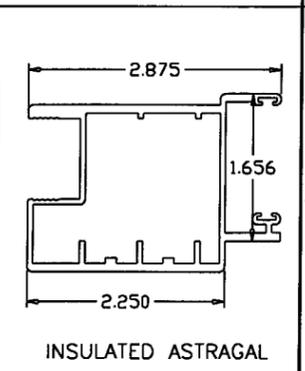
INSULATED INTERLOCK



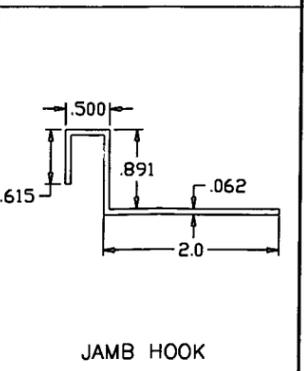
FRAME SILL (2) TRACK



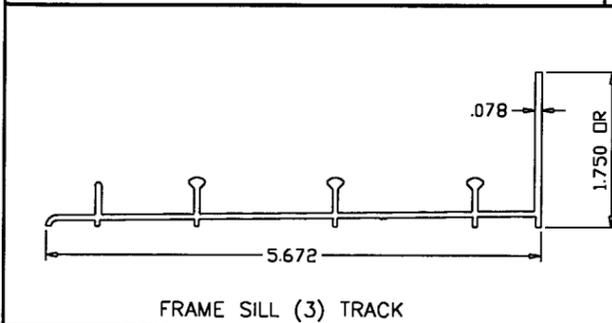
SILL RISER FOR 2 & 3 TRACKS



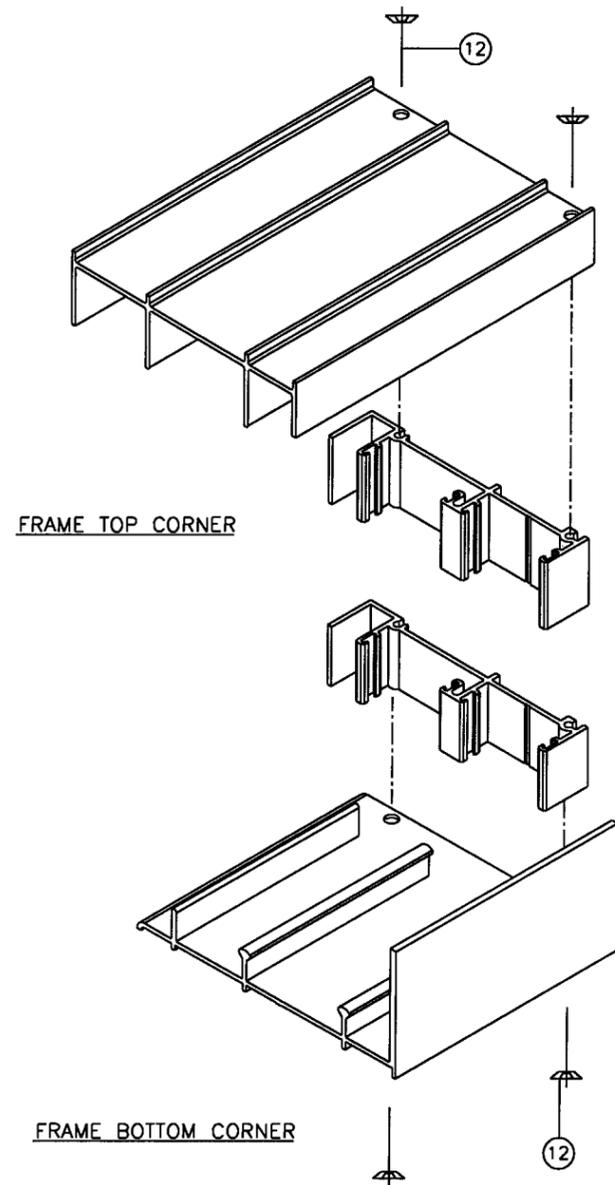
INSULATED ASTRAGAL



JAMB HOOK



FRAME SILL (3) TRACK



FRAME TOP CORNER

FRAME BOTTOM CORNER

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MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

SGD-9000 SLIDING GLASS DOOR - NON-IMPACT

EXTRUSION CROSS SECTION, AND FRAME ASSEMBLY DETAILS