



MIAMI-DADE COUNTY, FLORIDA
 METRO-DADE FLAGLER BUILDING
 140 WEST FLAGLER STREET, SUITE 1603
 MIAMI, FLORIDA 33130-1563
 (305) 375-2901 FAX (305) 372-6339
www.miamidadade.gov/buildingcode

**BUILDING CODE COMPLIANCE OFFICE (BCCO)
 PRODUCT CONTROL DIVISION
 NOTICE OF ACCEPTANCE (NOA)**

**Lawson Industries, Inc.
 8501 N. W. 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 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 "La Porte" 8'0" Outswing Aluminum French Doors - L.M.I.

APPROVAL DOCUMENT: Drawing No. **FD-2003 Rev #C**, titled "La Porte-Impact", French Outswing Door", sheets 1 through 5 of 5, prepared by the manufacturer, dated 12/12/2002 with the latest revised dated 04/27/2006, signed and sealed by Thomas J. Sotos, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

REVISION 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 NOA # 05-1116.06** 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 **Jaime D. Gascon, P.E.**



*J. GASCON
4/29/08*

**NOA No. 08-0409.04
 Expiration Date: June 05, 2013
 Approval Date: May 22, 2008**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **FD-2003 Rev #C**, titled "La Porte-Impact", French Outswing Door", sheets 1 through 5 of 5, prepared by the manufacturer, dated 12/12/2002 with the latest revised dated 04/27/2006, signed and sealed by Thomas J. Sotos, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
2) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
Along with marked-up drawings and installation diagram of aluminum Outswing French door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-04-1897**, issued on 03/12/2004, signed and sealed by Rafael E. Droz-Seda, P. E.
(Submitted under NOA# 05-1116.06)
2. Test reports on: 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
2) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
Along with marked-up drawings and installation diagram of aluminum Outswing French door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-04-1896 A**, issued on 03/10/2004, signed and sealed by Rafael E. Droz-Seda, P. E.
(Submitted under NOA# 05-1116.06)
3. Test reports on: 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
2) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
Along with marked-up drawings and installation diagram of aluminum Outswing French door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-04-1896 B**, issued on 03/10/04, signed and sealed by Rafael E. Droz-Seda, P. E.
(Submitted under NOA# 05-1116.06)
4. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
Along with marked-up drawings and installation diagram of aluminum Outswing French door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-04-1377**, issued on 03/08/04, signed and sealed by Rafael E. Droz-Seda, P. E.
(Submitted under NOA# 05-1116.06)



Jaime D. Gascon, P.E.
Chief, Product Control Division
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B. TESTS (CONTINUED)

5. 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 Outswing French door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-02-1253, HETI-02-1726, 02-1728, 02-1736, 02-1742, 02-1763 and 02-1765**, issued on 01/14/2003, signed and sealed by Rafael E. Droz - Seda, P. E.
(Submitted under NOA# 05-1116.06)

6. Test reports on: 1) Tensile Test, per FBC, ASTM E - 8
Along with marked-up drawings and installation diagram of aluminum Outswing French door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-02-T095**, issued on 01/13/03, signed and sealed by Rafael E. Droz-Seda, P. E.
(Submitted under NOA# 05-1116.06)

7. Test reports on: 1) Tensile Test, per FBC, ASTM E - 8
Along with marked-up drawings and installation diagram of aluminum Outswing French door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI-02-T090**, issued on 01/13/03, signed and sealed by Rafael E. Droz-Seda, P. E.
(Submitted under NOA# 05-1116.06)

C. CALCULATIONS

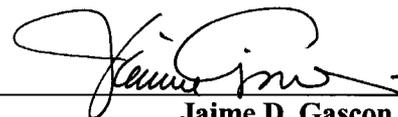
1. Anchor verification calculations dated 10/17/2005 and revised on 02/03/2006 complying w/ FBC-2004, prepared, signed and sealed by Thomas J. Sotos, P. E.
Complies with ASTM E1300-98/ 02

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours & CO., Inc. for "**DuPont Sentry Glass Plus**" dated January 03, 2008, expiring on January 14, 2012.
2. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite PVB Interlayer**" dated 01/05/06, expiring on 12/11/10.
3. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III Clear or colored Interlayer**" dated 05/04/06, expiring on 05/21/11.



Jaime D. Gascon, P.E.
Chief, Product Control Division
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F. STATEMENTS

1. Statement letter of anchor compliance to FBC-2004, dated 11/24/2005, prepared, signed and sealed by Thomas J. Sotos, P. E.
2. Statement letter of product conformance to FBC and “No financial interest” to testing Laboratory, dated 02/10/2003 issued by Lawson Industries, signed and sealed by Thomas J. Sotos, P. E.
3. Laboratory compliance letters are part of above referenced Test Report no.’s **HETI-04-1897, 04-1896 A, 04-1896 B, 04-1377, 02-1253, 02-1726, 02-1728, 02-1736, 02-1742, 02-1763, 02-1765, 02-T095 and 02-T090**, issued by Hurricane Test Laboratory, Inc., dated between 01/13/2003 and 03/12/2004, signed and sealed by Rafael E. Droz - Seda, P.E.

G. OTHER

1. Notice of Acceptance No. **05-1116.06**, issued to Lawson Industries, Inc. for their Series “**La Porte**” Aluminum Outswing French Doors – Impact”, approved on 05/19/2006 and expiring on 06/05/2008.



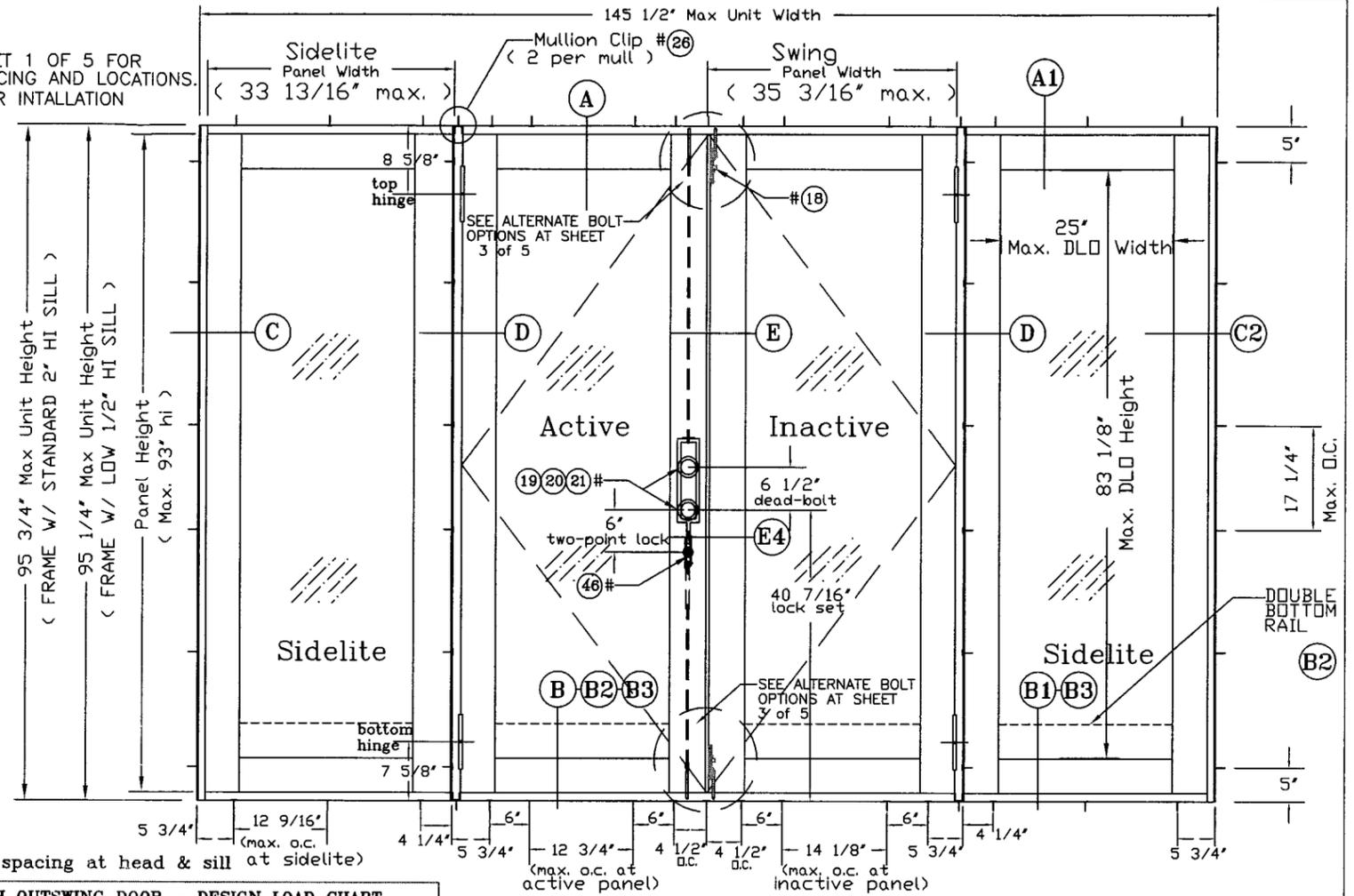
Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No. 08-0409.04
Expiration Date: June 05, 2013
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BILL OF MATERIALS					
ITEM #	DRWG #	PART #	REQD.	DESCRIPTION	REMARKS
1	L-901	LII-098	1	FRAME HEAD	6063-T6 ALUMINUM
2	L-902	LII-097	1	FRAME SILL	6063-T6 ALUMINUM
3	L-903	LII-090	2	FRAME JAMB	6063-T6 ALUMINUM
4	L-904	LII-096	2	SIDELITE JAMB ADAPTER	6063-T5 ALUMINUM
5	L-906	LII-092	2 x panel	PANEL TOP & BOTTOM RAIL	6063-T6 ALUMINUM
6	L-907	LII-091	1 x panel	HINGE STILE	6063-T6 ALUMINUM
7	L-905	LII-094	1 x panel	LOCK STILE	6063-T6 ALUMINUM
8	L-909	LII-095	2 x panel	TOP & BOTTOM RAIL ADAPTER	6063-T5 ALUMINUM
9	L-911	LII-085	AS REQ'D.	1/4 ROUND ALUM. BEAD - 7/16"	6063-T5 ALUMINUM
10	L-912	LII-087	AS REQ'D.	1/4 ROUND ALUM. BEAD - 3/8"	6063-T5 ALUMINUM
11	FD-624-2	L-908	2 x panel	HINGE LEAF ASSEMBLY	6063-T5 ALUMINUM
12	VWS-001	*	AS REQ'D.	BULB VINYL WTS'P.	Team Plastics Co. #3286
13	PWS-001	*	AS REQ'D.	WTS'P. @ TOP/BOTT. RAILS	Schlegel FS - .187" w. X .210" h.
14	PWS-002	*	AS REQ'D.	WTS'P. @ FRAME HEAD & JAMB	Schlegel PB - .187" w. X .330" h.
15	L-910	LII-089	2 x panel	STRIKER MOUNTING PLATE	6063-T5 ALUMINUM
16	FD-619	FD-619-1	2 x panel	STRIKER PLATE	6063-T5 ALUMINUM
17	FD-631	LII-086	AS REQ'D.	GLAZING ADAPTER	6063-T6 ALUMINUM
18	HC-001	SF-5502	2 x Panel	DELTA FLUSH BOLT	(@ TOP & BOTTOM OF LOCK STILE)
19	FD-621-2	HC-024/025	1 SET	DOOR LOCK / DEAD BOLT SET	KWIKSET - Series 690T COMBD
20	FD-621-2	HC-024/025	1 SET	DOOR LOCK / DEAD BOLT SET	SCHLAGE - Series FB350 COMBD
21	FD-621-2	HC-024/025	1 SET	DOOR LOCK / DEAD BOLT SET	DEFIANT - Series 831 COMBD
22	*	FS-035	AS REQ'D.	Frame Install. Screw - Head	5/16"- TAPCON (See Notes)
23	*	FS-035	AS REQ'D.	Frame Install. Screw- Jamb/Sill	5/16"- TAPCON (See Notes)
24	*	FS-026	8	FRAME ASSEMBLY SCREW	#12 X 3/4" PH.-PHI.
25	*	FS-012	AS REQ'D.	JAMB ADAPTER SCREW	#10 X 3/4" P.H.-PHI.
26	FD-931	DE-631	2 x mullion	MULLION CLIP - 1 1/2" x 1 1/2"	6063-T5 ALUMINUM
27	*	FS-035	1 X CLIP	"U" CLIP SCREW	1/4" X 2 1/2" TAPCON
28	*	FS-049	2/Panel	Double Rail Assembly Screw	3/8"x2 1/4" Hex Screw & Nut
29	*	*	AS REQ'D.	NEUTRAL CURE SILICONE	Schnee-Morehead SM-5731
30	*	*	AS REQ'D.	NEUTRAL CURE SILICONE	Dow Corning 899
31	*	*	AS REQ'D.	NEUTRAL CURE SILICONE	Tremco S-500
32	*	*	AS REQ'D.	Laminated Glass see Pg. 1	Dupont - Sentry Glass Plus
33	*	*	AS REQ'D.	Laminated Glass see Pg. 1	Dupont - PVB
34	*	*	AS REQ'D.	Laminated Glass see Pg. 1	Saflex - PVB
35	*	FS-043	8	GLAZING ADAPT. ATTACH. SCREW	#8 X 1 1/4" FH.-PHI.
36	*	HC-004	2/Panel	Panel Ass'y Full Length Rod	3/8" Dia.-20D Rod, Plate, Flange Nut
37	*	FS-011	8	HINGE ATTACHMENT SCREW	#10 X 3/4" P.H. / PHI.
38	*	FS-044	12	SIDELITE ATTACHMENT SCREW	#10 X 1" PH./PHIL. - (17" OC Max.)
39	*	HC-006	6/Jamb	1/2" DIA. HOLE - NYLON PLUG	MICROPLASTICS #62PP050BG14
40	*	HC-007	2/Panel	7/8" DIA. HOLE - NYLON PLUG	MICROPLASTICS #62PP087BG11
41	*	HC-010	1/BOLT	FLUSH BOLT "NYLON SILL PLUG"	SUNCOPLASTICS
42	L-913	LII-086	AS REQ'D.	1/2 ROUND FALSE ALUM. MUNTIN	6063-T5 ALUMINUM
43	*	*	AS REQ'D.	INT FALSE APPLIED MUNTIN	1.25" X .022" STOCK ALUMINUM
44	L-915	FD-623	AS REQ'D.	FRAME HEAD SHEAR PLATE	6063-T5 ALUMINUM - 4" long
45	L-916	LII-117	AS REQ'D.	FRAME LOW SILL - OPTIONAL	6063-T5 ALUMINUM
46	*	HC-050	1	TWO-POINT FLUSHBOLT LOCK	OPTIONAL (FOR +/- 76.0 psf DP)
47	*	FD-627-1	2/Panel	FLUSH BOLT GUIDE ANGLE	3"x 3"x 1 1/2"x 1/8" ALUM. ANGLE
48	*	*	AS REQ'D.	Joint Sealant- White Colored	"Purvis Co." Super Seal

- NOTES:**
- 1). QUALIFIES SINGLE & MULTIPLE PANELS (SEE ELEVATIONS).
 - 2). QUALIFIES UNITS WITH AND WITHOUT SIDELITES
 - 3). MAX. FRAME SIZE 145 1/2" w. X 95 3/4" h. OXO
 - 4). EXT & INT FALSE COLONIAL MUNTIN APPLIED W/SILICONE.
 - 5). QUALIFIES SINGLE OR DOUBLE BOTTOM RAILS
 - 6). MAX. DAYLITE OPENING WIDTH = 25"
 - 7). MAX. DAYLITE OPENING HEIGHT = 83 1/8"
 - 8). SEE ELEVATION AT SHEET 1 of 4 FOR MAX. ANCHOR SPACING
 - 9). ALL DIMENSIONS SPECIFIED ARE IN INCHES
 - 10). NO HURRICANE SHUTTERS ARE REQUIRED

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 08-0409.04
Expiration Date 06/05/2012
By: *[Signature]*
Miami Dade Product Control
Division

- ANCHOR NOTES:**
1. SEE ELEVATION AT SHEET 1 OF 5 FOR ANCHOR O.C. MAX. SPACING AND LOCATIONS.
 2. SEE SHEET 4 OF 5 FOR INTALLATION FASTENERS TYPES.



NOTE:
Same anchor spacing at head & sill at sidelite)

"LaPorte" IMPACT FRENCH OUT-SWING DOOR - DESIGN LOAD CHART

PANEL WIDTH/HEIGHT ACTUAL SIZE (INCHES)	NUMBER OF ANCHORS / JAMB	DP GLASS TYPE "A" (+PSF)	DP (PSF)		
			GLASS TYPE "B" (+PSF)	GLASS TYPE "C" (+PSF)	GLASS TYPE "D" (+PSF)
10 1/4" x 16 1/4"	5	+86.0	+76.0	+76.0	+76.0
16 1/4" x 22 1/4"	5	+86.0	+76.0	+76.0	+76.0
22 1/4" x 28 1/4"	5	+86.0	+76.0	+76.0	+76.0
28 1/4" x 30 1/4"	5	+86.0	+76.0	+76.0	+76.0
30 1/4" x 34 1/4"	5	+86.0	+76.0	+76.0	+76.0
34 1/4" x 10 1/4"	6	+86.0	+76.0	+76.0	+76.0
16 1/4" x 22 1/4"	6	+86.0	+76.0	+76.0	+76.0
22 1/4" x 28 1/4"	6	+86.0	+76.0	+76.0	+76.0
28 1/4" x 30 1/4"	6	+86.0	+76.0	+76.0	+76.0
30 1/4" x 34 1/4"	6	+86.0	+76.0	+76.0	+76.0
34 1/4" x 10 1/4"	6	+86.0	+76.0	+76.0	+76.0

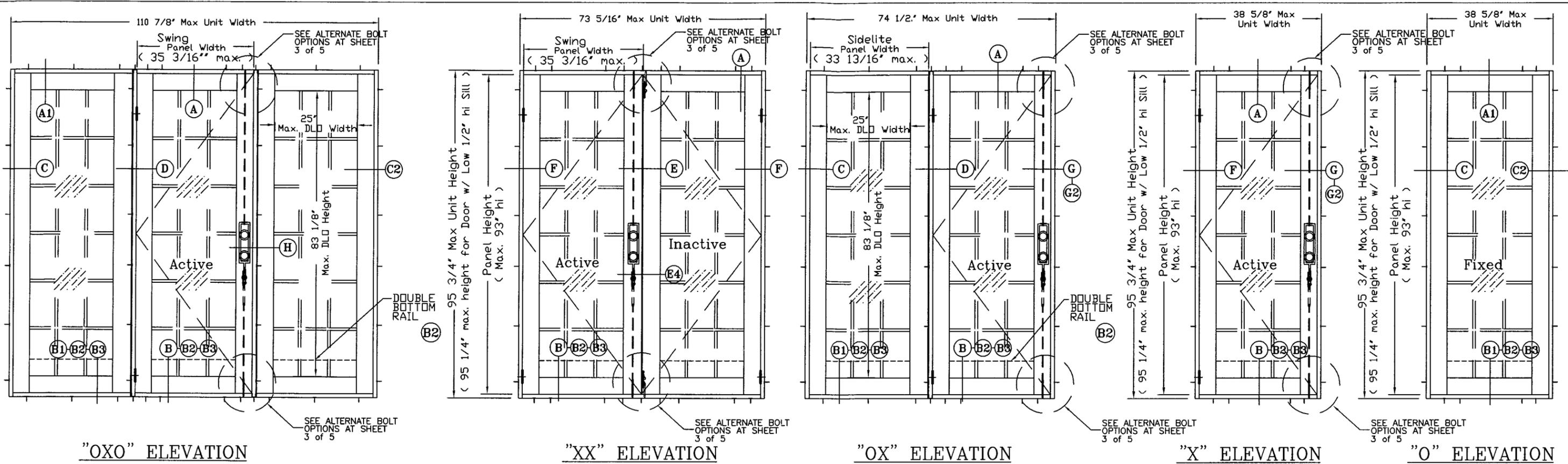
* OPERABLE PANEL MUST MEET APPLICABLE REQUIREMENTS PER BUILDING CODE.
* () PARENTHESIS INDICATES # OF ANCHORS AT FRAME JAMB.

"OXO" EXTERIOR ELEVATION

- NOTES:**
- 1). THIS PRODUCT IS DESIGNED AS PER 2004 FLORIDA BUILDING CODE.
 - 2). GLASS MEETS REQUIREMENTS OF ASTM-E1300 AS PER CHAPTER 24 OF THE FBC 2004 CODE.
 - 3). WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOAD TO THE STRUCTURE & TO BE REVIEWED BY BUILDING OFFICIAL.
 - 4). ANCHORS SHALL BE AS LISTED, AND SPACED AS NOTED ABOVE AND ON DRAWING DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
 - 5). SEE NOTES @ SHEET 4 OF 5 FOR INTALLATION FASTENERS TYPE.
 - 6). ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL

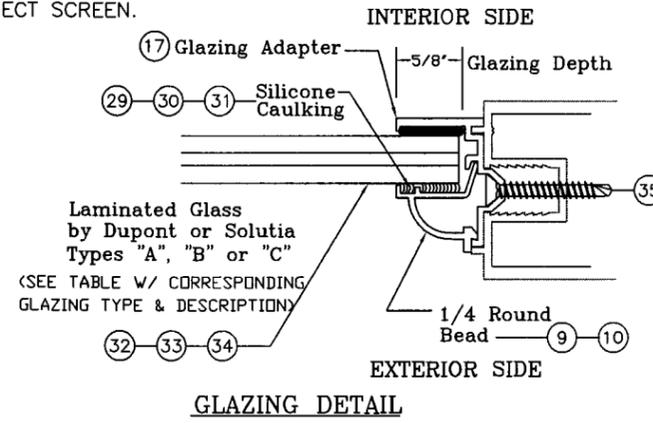
- LIMITATIONS:**
- 1). MAX. DP = ±86 PSF W/ (4) Surface Bolts & Glass Types A, B, & C. (SEE LOCATION DETAILS @ SHEET 3 OF 5)
 - 2). MAX. DP = ±76 PSF W/ 2-Point Lock (active)+ (2) Surface Bolts at Inactive
 - 3). MAX. DP = ±76 PSF W/ Flat Sill & must be used where water infiltration is not required or opening is protected by overhang ratio greater than one.

<p>THOMAS J. SOTOS PROFESSIONAL ENGINEER FL LIC. # 55225</p> <p><i>[Signature]</i></p>	<p>Revision Notes: Revised per request of MD BCCO 3/17/03 Revised w/ optional flat sill and 2 point lock 5/03/04 Revised to comply w/ FBC2004 -11/01/05</p>	<p>LAWSON INDUSTRIES, INC.</p> <p>8501 NW 90th St. MEDLEY, FLORIDA 33166 (305) 696-8660</p> <p>MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS</p>
	<p>Checked By: Nelson Erazo Date Checked: 11/01/05</p> <p>Drawn By: Larry Magee Date Drawn: 12/12/02</p> <p>Scale: n.t.s.</p>	
<p>"La Porte" Impact" French Out-Swing Door</p>		<p>Reference Number: Drawing Number: FD-2003 Revision Level: "C"</p>

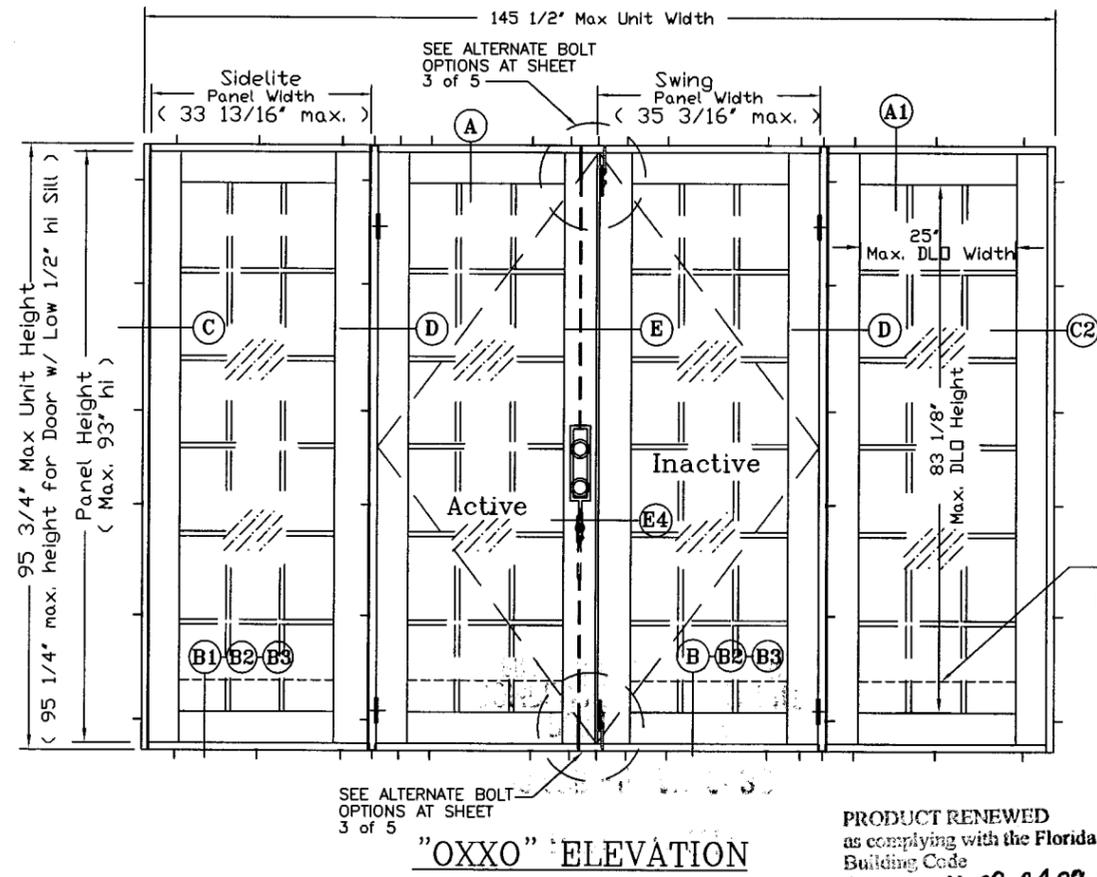


APPROVED CONFIGURATIONS

- NOTES:**
1. ALL ELEVATIONS ARE A GRAPHICAL REPRESENTATION VIEWED FROM THE EXTERIOR SIDE.
 2. FALSE COLONIAL MUNTINS ARE APPLIED W/ SILICONE AND ARE AVAILABLE AS OPTIONAL.
 3. PANELS ARE AVAILABLE WITH SINGLE BOTTOM RAIL OR DOUBLE BOTTOM RAILS.
 4. OUT-SWING DOOR WITHOUT INSECT SCREEN.



GLAZING TYPE & DESCRIPTIONS		
.466\" O/A Laminated Glass by Dupont - Glass Type "A"		
ITEM	DESCRIPTION	DETAIL
1	3/16\" Annealed	
2	.090\" Dupont SGP Interlayer	
3	3/16\" Annealed	
.340\" O/A Laminated Glass by Dupont - Glass Type "B"		
ITEM	DESCRIPTION	DETAIL
1	1/8\" Annealed	
2	.090\" Dupont PVB Interlayer	
3	1/8\" Annealed	
.340\" O/A Laminated Glass by Solutia - Glass Type "C"		
ITEM	DESCRIPTION	DETAIL
1	1/8\" Heat-Strengthened Glass	
2	.090\" Saflex PVB Interlayer	
3	1/8\" Heat-Strengthened Glass	



ANCHOR NOTES:

1. SEE ELEVATION AT SHEET 1 OF 5 FOR ANCHOR O.C. MAX. SPACING AND LOCATIONS.
2. SEE SHEET 4 OF 5 FOR INSTALLATION FASTENERS TYPES.

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No **08-0409.04**
 Expiration Date **06/05/2013**
 By *[Signature]*
 Miami Dade Product Control Division

THOMAS J. SOTOS
 PROFESSIONAL ENGINEER
 FL I.C. # 55225
[Signature]
 DATE _____

Revision Notes:
 Revised per request of MD BCCO 3/17/03
 Revised w/ optional flat sill and 2 point lock 5/03/04
 Revised to comply w/ FBC2004 -11/01/05

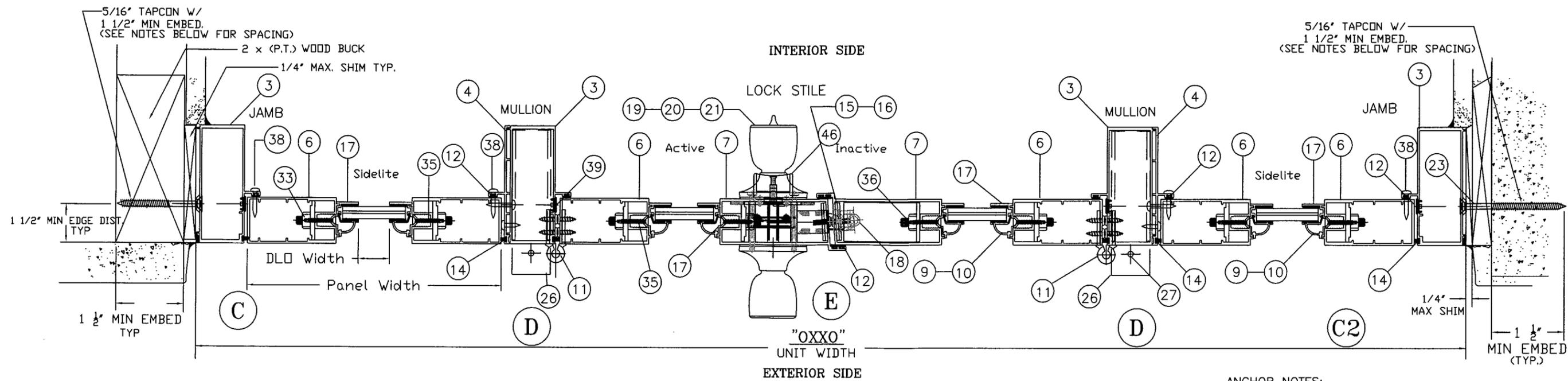
Checked By: **Nelson Erazo** Date Checked: **11/01/05**
 Drawn By: **Larry Magee** Date Drawn: **12/12/02**
 Scale: **n.t.s.**

LAWSON INDUSTRIES, INC.
 8501 NW 90th St.
 MEDLEY, FLORIDA 33166
 (305) 696-8660
 MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

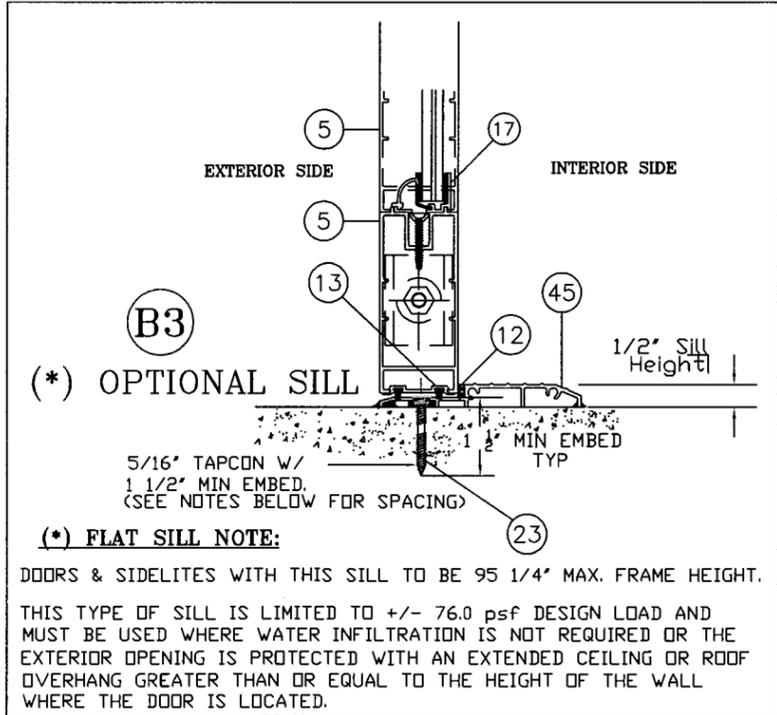
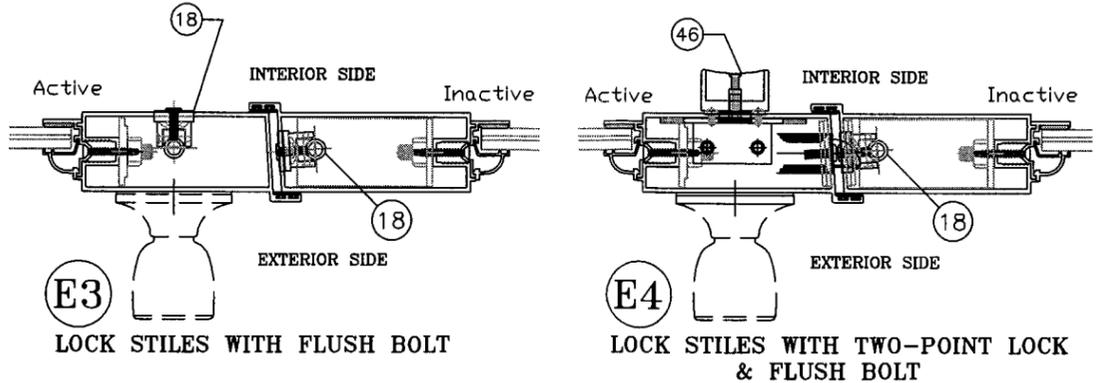
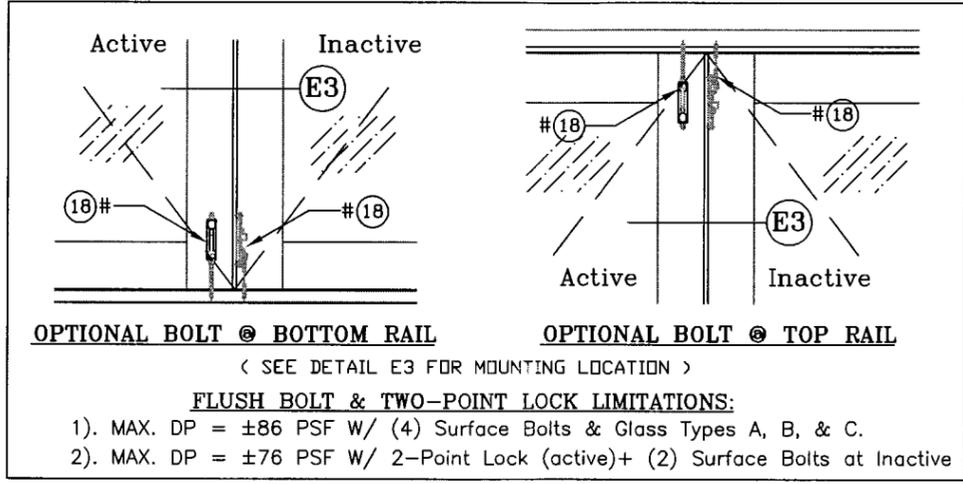
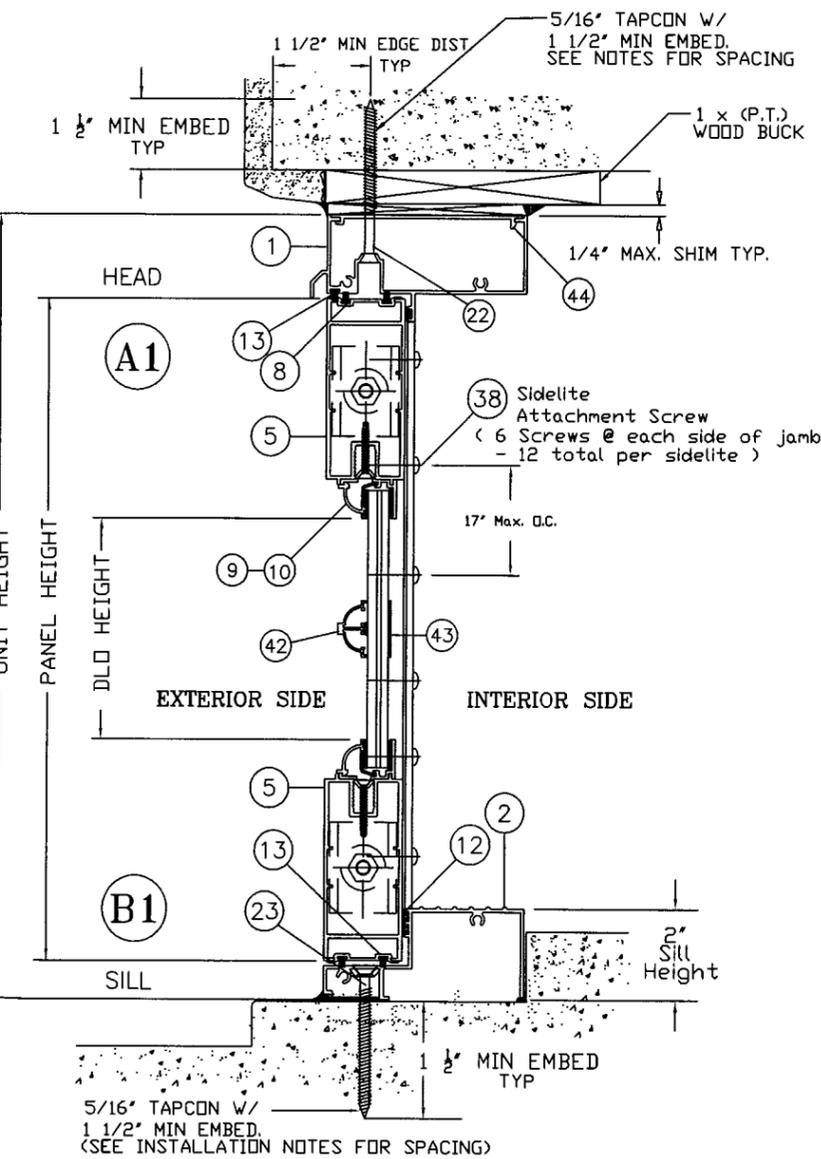
Draw Class: NOA APPROVAL	Part Class:	Prod Category: IMPACT	Series/Model: FRENCH DOOR	Item:	Sheet: 2 OF 5
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"La Porte" Impact" French Out-Swing Door

Reference Number: _____ Drawing Number: **FD-2003** Revision Level: **"C"**



- ANCHOR NOTES:**
- SEE ELEVATION AT SHEET 1 OF 5 FOR ANCHOR O.C. MAX. SPACING AND LOCATIONS.
 - SEE SHEET 4 OF 5 FOR INTALLATION FASTENERS TYPES.



PRODUCT RENEWED as complying with the Florida Building Code
 Acceptance No 08-0409.04
 Expiration Date 06/05/2013
 By: [Signature]
 Miami Dade Product Control Division

THOMAS J. SOTOS
 PROFESSIONAL ENGINEER
 FL LIC. # 55225
 [Signature]
 DATE

Revision Notes:
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 Revised w/ optional flat sill and 2 point lock 5/03/04
 Revised to comply w/ FBC2004 -11/01/05

Checked By: Nelson Erazo Date Checked: 11/01/05
 Drawn By: Larry Magee Date Drawn: 12/12/02
 Scale: n.t.s.

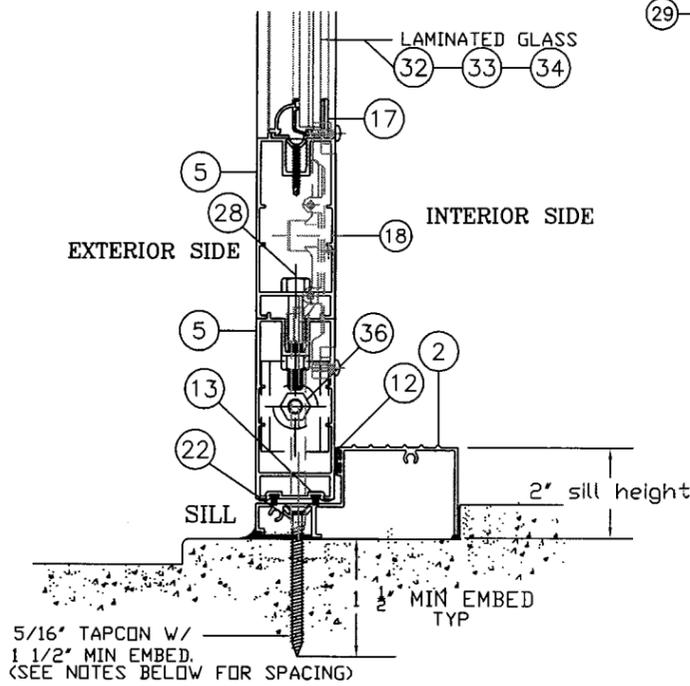
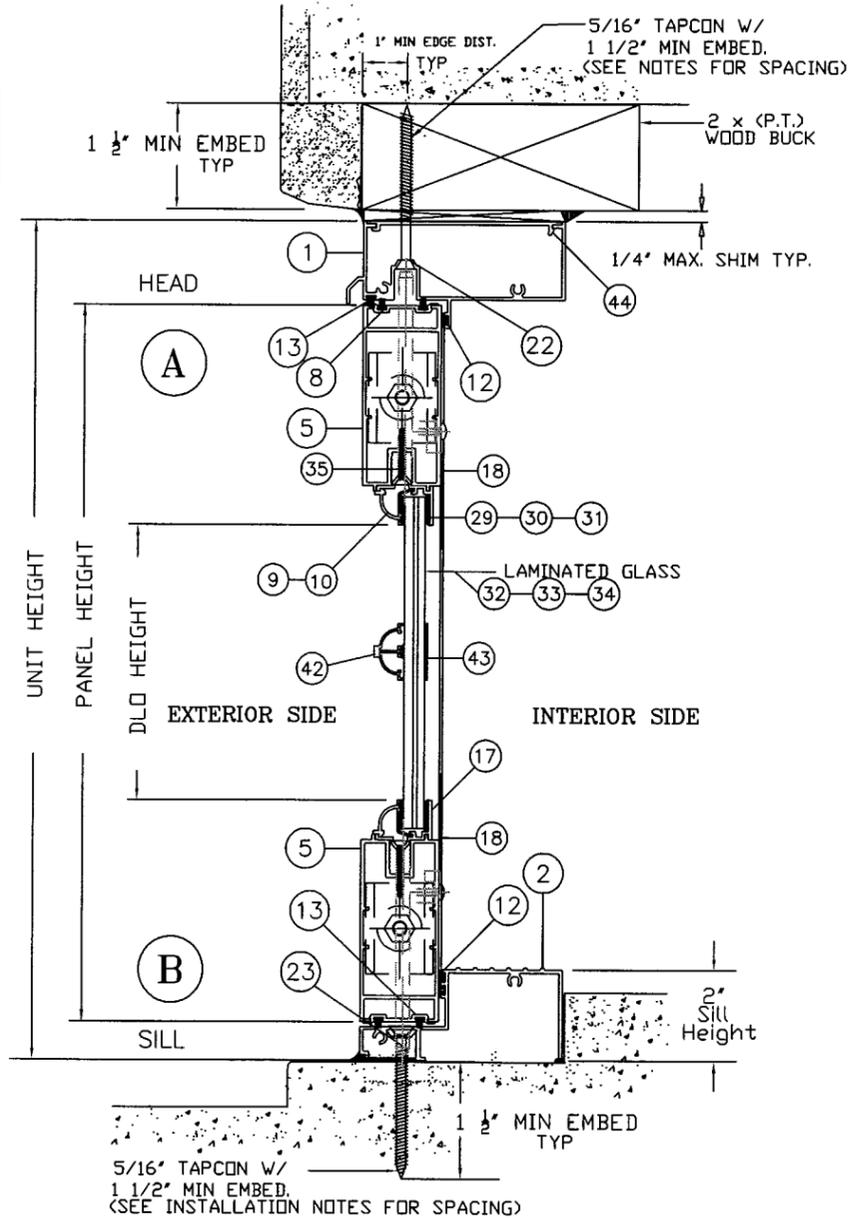
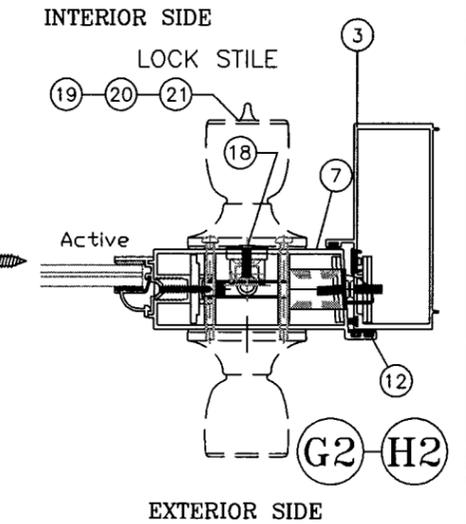
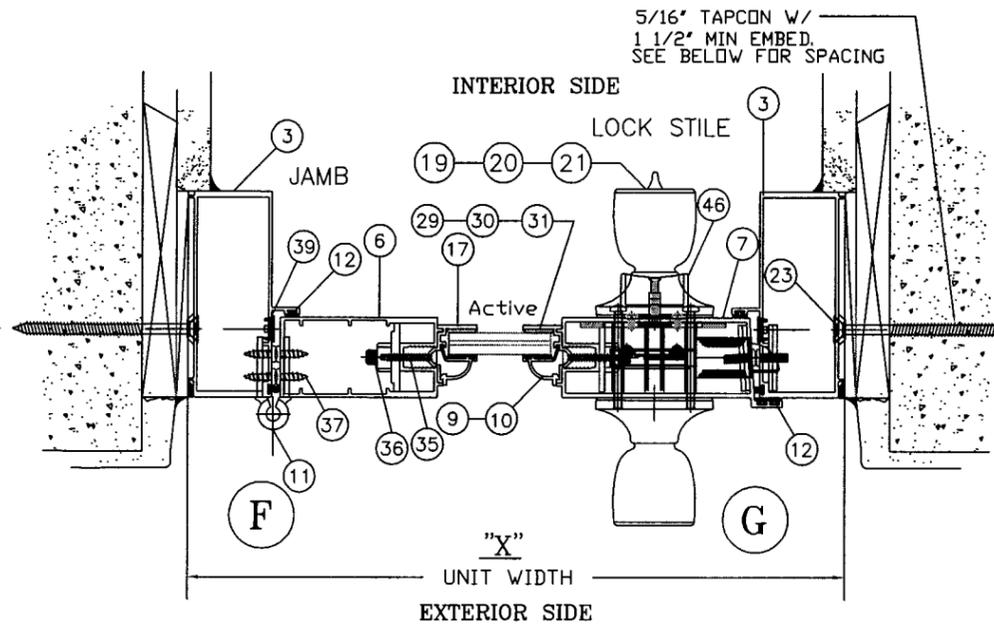
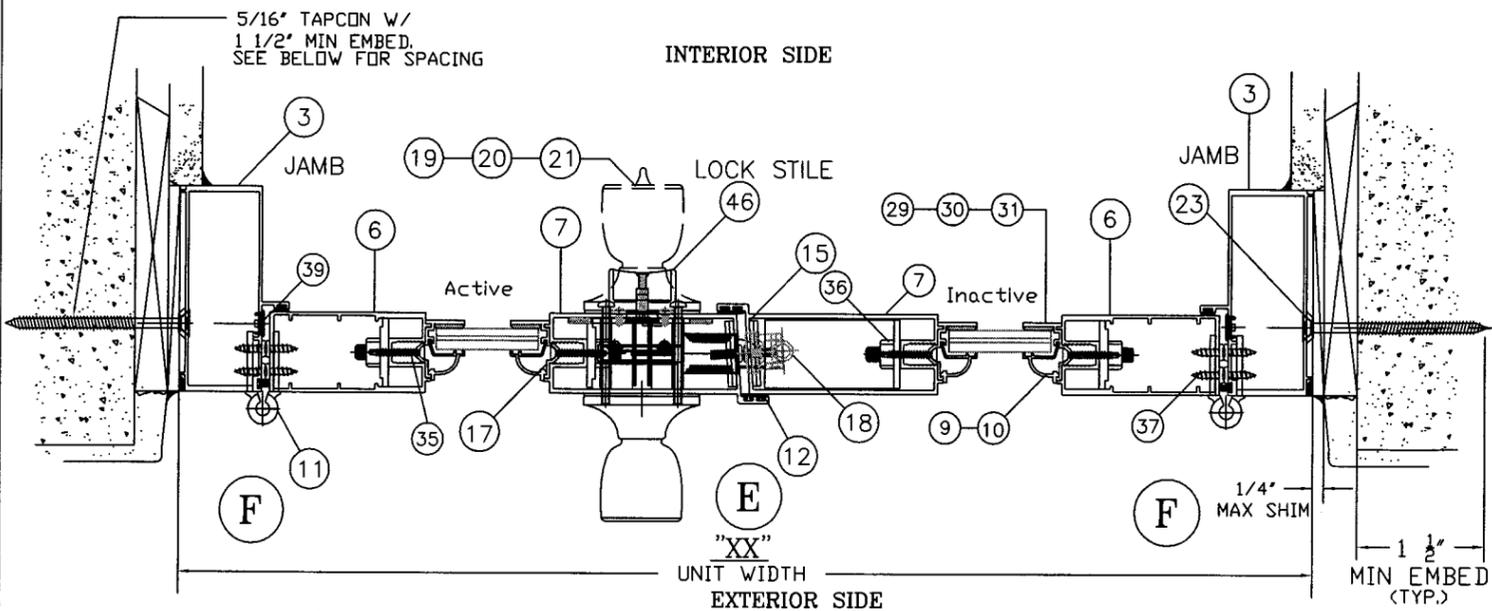
LAWSON INDUSTRIES, INC.
 MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

8501 NW 90th St.
 MEDLEY, FLORIDA 33166
 (305) 696-8660

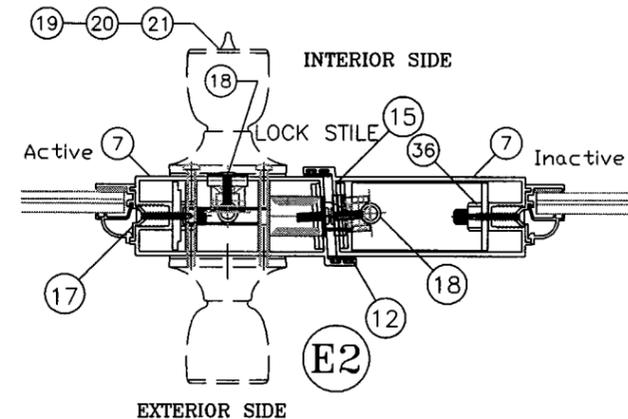
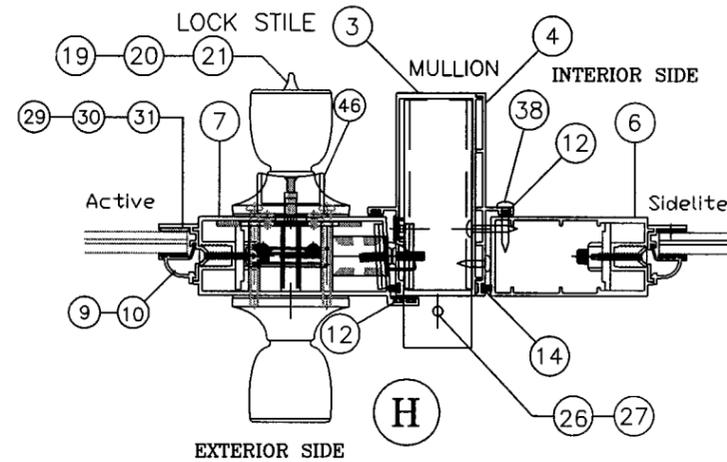
Draw Class: NOA APPROVAL	Part Class:	Prod Category: IMPACT	Series/Model: FRENCH DOOR	Item:	Sheet: 3 OF 5
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"La Porte" Impact" French Out-Swing Door

Reference Number: Drawing Number: FD-2003 Revision Level: "C"



B2 OPTIONAL - DOUBLE BOTTOM RAIL DETAIL



INSTALLATION FASTENERS NOTE:

"1X BUCK" MINIMUM REQUIRED FASTENER LENGTH
 HEAD: 5/16" X 3 1/2" Long TAPCON(*)
 SILL: 5/16" x 2 1/4" Long TAPCON(*)
 JAMB: 5/16" X 2 3/4" Long TAPCON(*)
 MULLIONS: 5/16" X 2 1/4" Long TAPCON(*)
 (*) TAPCON BY "ELCO" OR "BUILDEX"

"2X BUCK" MINIMUM REQUIRED FASTENER LENGTH
 HEAD: 5/16" X 3" Long TAPCON(*)
 SILL: 5/16" x 2 1/4" Long TAPCON(*)
 JAMB: 5/16" X 2 1/4" Long TAPCON(*)
 MULLIONS: 5/16" X 2 1/4" Long TAPCON(*)
 (*) TAPCON BY "ELCO" OR "BUILDEX"

NOTES: ALL FASTENERS W/ 1 1/2" MIN. EMBEDMENT, 1 1/2" MIN. EDGE DISTANCE AND 1/4" MAX. SHIM SPACE

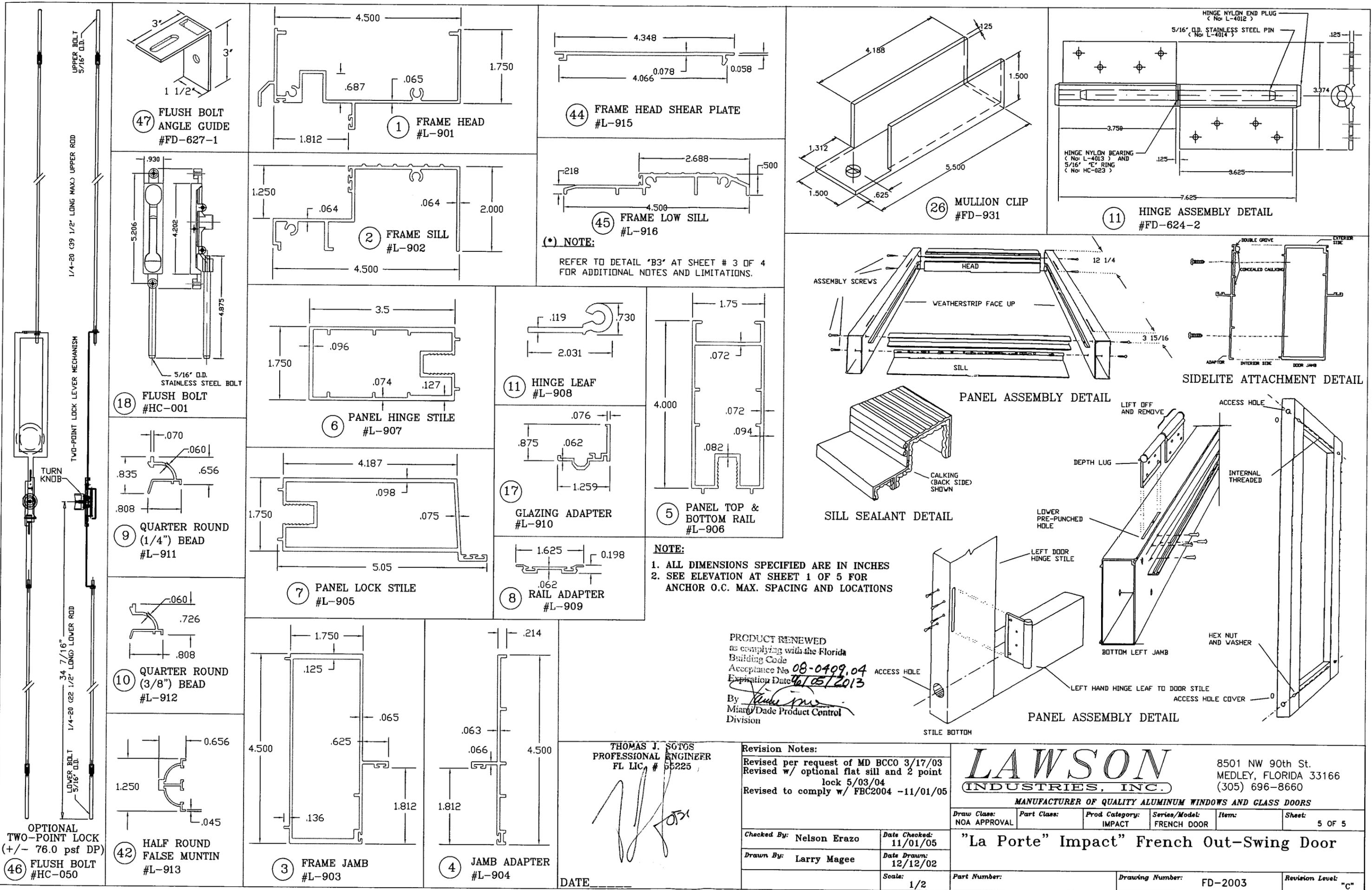
* ALL TAPCON LENGTHS "L" SPECIFIED ARE MINIMUMS (SEE ELEVATION AT SHEET 1 OF 5 FOR ANCHOR MAX. SPACING AND LOCATIONS)

PRODUCT RENEWED as complying with the Florida Building Code
 Acceptance No. 08-0409.04
 Expiration Date 06/05/2013
 By: *[Signature]*
 Miami Dade Product Control Division

THOMAS J. SOTOS
 PROFESSIONAL ENGINEER
 FL LIC. # 55225
[Signature]
 DATE

Revision Notes:
 Revised per request of MD BCCO 3/17/03
 Revised w/ optional flat sill and 2 point lock 5/03/04
 Revised to comply w/ FBC2004 -11/01/05
 Checked By: Nelson Erazo Date Checked: 11/01/05
 Drawn By: Larry Magee Date Drawn: 12/12/02
 Scale: n.t.s.

LAWSON INDUSTRIES, INC.
 MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS
 8501 NW 90th St. MEDLEY, FLORIDA 33166 (305) 696-8660
 Draw Class: NOA APPROVAL Part Class: IMPACT Prod Category: FRENCH DOOR Series/Model: Item: Sheet: 4 OF 5
"La Porte" Impact French Out-Swing Door
 Reference Number: Drawing Number: FD-2003 Revision Level: "C"



47 FLUSH BOLT ANGLE GUIDE #FD-627-1

1 FRAME HEAD #L-901

44 FRAME HEAD SHEAR PLATE #L-915

26 MULLION CLIP #FD-931

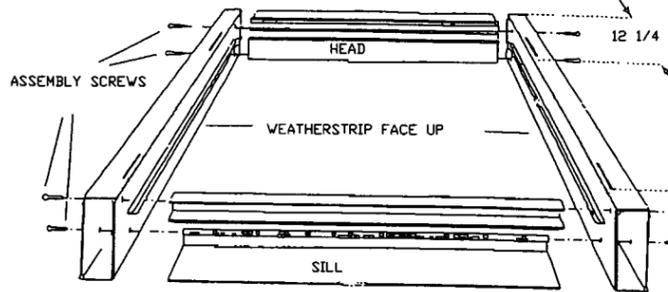
11 HINGE ASSEMBLY DETAIL #FD-624-2

18 FLUSH BOLT #HC-001

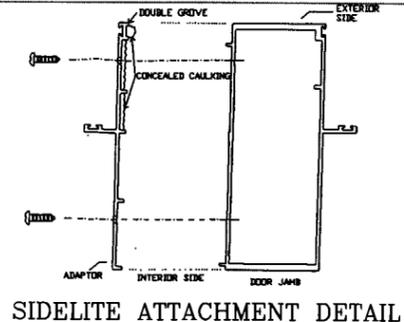
2 FRAME SILL #L-902

45 FRAME LOW SILL #L-916

(* NOTE: REFER TO DETAIL "B3" AT SHEET # 3 OF 4 FOR ADDITIONAL NOTES AND LIMITATIONS.



PANEL ASSEMBLY DETAIL

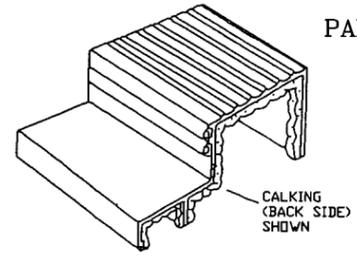


SIDELITE ATTACHMENT DETAIL

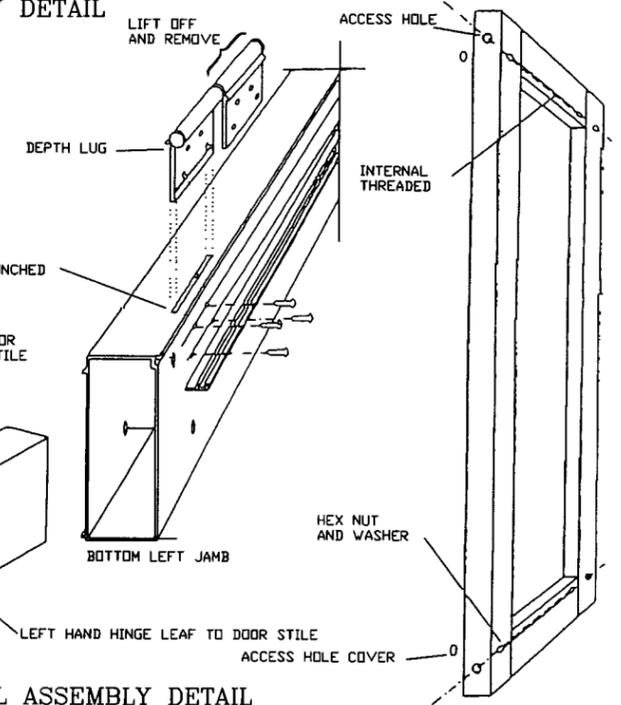
9 QUARTER ROUND (1/4") BEAD #L-911

6 PANEL HINGE STILE #L-907

11 HINGE LEAF #L-908



SILL SEALANT DETAIL



PANEL ASSEMBLY DETAIL

10 QUARTER ROUND (3/8") BEAD #L-912

7 PANEL LOCK STILE #L-905

17 GLAZING ADAPTER #L-910

5 PANEL TOP & BOTTOM RAIL #L-906

NOTE:
1. ALL DIMENSIONS SPECIFIED ARE IN INCHES
2. SEE ELEVATION AT SHEET 1 OF 5 FOR ANCHOR O.C. MAX. SPACING AND LOCATIONS

8 RAIL ADAPTER #L-909

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 08-0409.04 Expiration Date 06/05/2013 By [Signature] Miami/Dade Product Control Division

42 HALF ROUND FALSE MUNTIN #L-913

3 FRAME JAMB #L-903

4 JAMB ADAPTER #L-904

THOMAS J. SOTOS PROFESSIONAL ENGINEER FL LIC. # 55225

Revision Notes:
Revised per request of MD BCCO 3/17/03
Revised w/ optional flat sill and 2 point lock 5/03/04
Revised to comply w/ FBC2004 -11/01/05

LAWSON INDUSTRIES, INC.
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Draw Class: NOA APPROVAL Part Class: Prod Category: IMPACT Series/Model: FRENCH DOOR Item: Sheet: 5 OF 5

"La Porte" Impact" French Out-Swing Door

Checked By: Nelson Erazo Date Checked: 11/01/05 Drawn By: Larry Magee Date Drawn: 12/12/02 Scale: 1/2 Part Number: Drawing Number: FD-2003 Revision Level: "C"

OPTIONAL TWO-POINT LOCK (+/- 76.0 psf DP) 46 FLUSH BOLT #HC-050

DATE