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

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

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 "La Porte" 8'-0" Outswing Glazed Aluminum French Doors – L.M.I.

APPROVAL DOCUMENT: Drawing No. **FD-2003**, titled "La Porte-Impact French Out-Swing Door", sheets 01 through 06 of 06, prepared by the manufacturer, dated 12/12/02 with the latest revision "**F**", dated 03/27/13, signed and sealed by Thomas J. Sotos, P. E., bearing the Miami-Dade County Product Control Section Renewal stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series, 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 No. 12-0127.23** 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.**

MIAMI-DADE COUNTY APPROVED

J. Gascon
5/30/13

Lawson Industries, Inc.

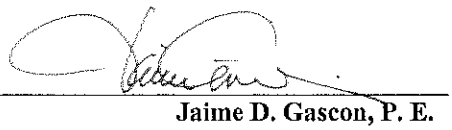
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
   (Submitted under previous NOA No. 11–0202.03)
2. Drawing No. **FD–2003**, titled "La Porte–Impact French Out–Swing Door", sheets 01 through 06 of 06, prepared by the manufacturer, dated 12/12/02 with the latest revision "**F**", dated 03/27/13, signed and sealed by Thomas J. Sotos, P. E.

B. TESTS

1. Test reports on: **1)** Large Missile Impact Test per FBC, TAS 201–94
   2) Cyclic Wind Pressure Loading per FBC, TAS 203–94
   along with marked–up drawings and installation diagram of aluminum Outswing French door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI–11–3201**, issued on 01/06/2011, signed and sealed by Candido F. Font, P. E.
   (Submitted under NOA No. 11–0202.03)
2. Test reports on: **1)** Uniform Static Air Pressure Test, 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
   along with marked–up drawings and installation diagram of aluminum Outswing French door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. **HETI–09–2623**, **HETI–09–2645**, **HETI–09–2624** and **HETI–09–2646**, issued on 10/22/2009, signed and sealed by Candido F. Font, P. E.
   (Submitted under NOA No.10–0128.04)
3. 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.'s **HETI–04–1897**, **HETI–04–1896 A**, **HETI–04–1896 B** and **HETI–04–1377,** issued on 03/08/04 and 03/12/04, all signed and sealed by Rafael E. Droz–Seda, P. E.
   (Submitted under NOA No. 04–0607.04)
4. 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** and **HETI–02–T090**, issued on 01/13/03, both signed and sealed by Rafael E. Droz–Seda, P. E.
   (Submitted under NOA No. 03–0219.01)



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13–0328.11
Expiration Date: June 05, 2018
Approval Date: June 06, 2013

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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.'s **HETI–02–1253, HETI–02–1726, HETI–02–1728, HETI–02–1736, HETI–02–1742, HETI–02–1763** and **HETI–02–1765**, issued on 01/14/2003, all signed and sealed by Rafael E. Droz–Seda, P. E.
(Submitted under NOA No. 03–0219.01)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC, prepared by the manufacturer, dated 12/12/02 with the latest revised dated 07/02/10, signed and sealed by Thomas J. Sotos, P. E.
(Submitted under NOA No.10–0128.04)

2. **Glazing complies with ASTM E1300–98/ 04**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **13–0129.27** issued to **E.I. DuPont DeNemours & Co., Inc.** for their **"DuPont Butacite® PVB Interlayer"** dated 04/11/13, expiring on 12/11/16.

2. Notice of Acceptance No. **11–0624.02** issued to **E.I. DuPont DeNemours & Co.**, Inc. for their **"DuPont SentryGlas® Interlayer"** dated 08/25/11, expiring on 01/14/17.

3. Notice of Acceptance No. **12–1231.08** issued to **Eastman Chemical Company (MA)** for their **"Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core"** dated 03/28/13, expiring on 12/11/18.

F. STATEMENTS

1. Statement letter of conformance, no financial interest and compliance with the **FBC–2010** and AAMA 101/ I.S.2–97, dated 01/25/12, signed and sealed by Thomas J. Sotos, P. E.
(Submitted under previous NOA No. 12–0127.23)

Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13–0328.11
Expiration Date: June 05, 2018
Approval Date: June 06, 2013

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

2. Proposal issued by Product Control, dated 07/27/10, signed by Ishaq Chanda, P. E. ***(Submitted under NOA No. 11–0202.03)***
3. Laboratory compliance letter for Test Report No. **HETI–11–3201**, issued by Hurricane Engineering & Testing, Inc., dated 01/06/11, signed and sealed by Candido F. Font, P. E. ***(Submitted under NOA No. 11–0202.03)***
4. Proposal issued by Product Control, dated 03/26/09, signed by Renzo Narciso. ***(Submitted under NOA No.10–0128.04)***
5. Laboratory compliance letters for Test Reports No.'s **HETI–09–2623, HETI–09–2645, HETI–09–2624** and **HETI–09–2646**, issued by Hurricane Engineering & Testing, Inc., dated 10/22/09, signed and sealed by Candido F. Font, P. E. ***(Submitted under NOA No.10–0128.04)***
6. Laboratory compliance letter for Test Reports No.'s **HETI–04–1897, HETI–04–1896A, HETI–04–1896B, HETI–04–1377, HETI–02–T095, HETI–02–T090, HETI–02–1253, HETI–02–1726, HETI–02–1728, HETI–02–1736, HETI–02–1742, HETI–02–1763** and **HETI–02–1765**, issued by Hurricane Engineering & Testing, Inc., dated 01/14/03 and 03/08/04, all signed and sealed by Rafael E. Droz–Seda, P. E. ***(Submitted under previous NOA No. 05–1116.06)***

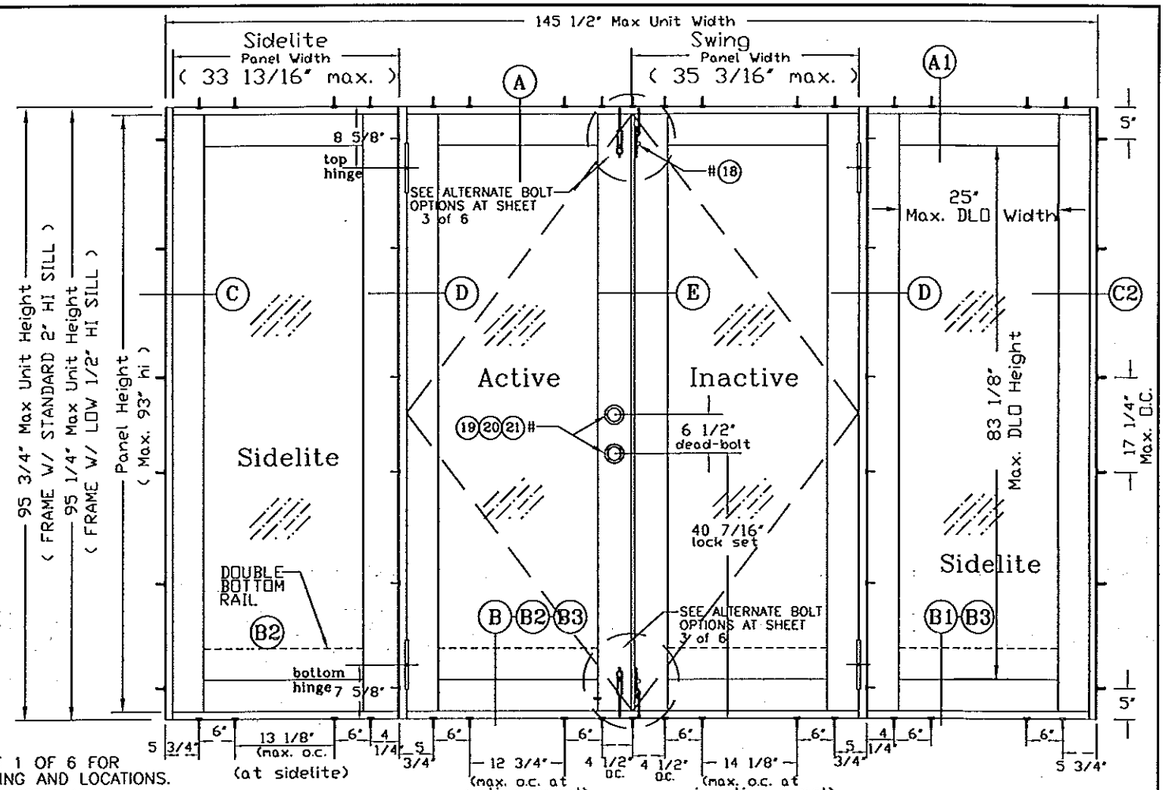
G. OTHERS

1. Notice of Acceptance No. **12–0127.23**, issued to Lawson Industries, Inc. for their Series "**La Porte 8'–0" Outswing Aluminum French Doors – L.M.I.**", approved on 04/05/12 and expiring on 06/05/13.

Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13–0328.11
Expiration Date: June 05, 2018
Approval Date: June 06, 2013

BILL OF MATERIALS

ITEM #	DRW'G #	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	TP 3286	AS REQ'D.	Bulb Vinyl Wts'p.-Team Plastics, Inc.	See Material Composition at Sheet 6
13	PWS-001	*	AS REQD.	WTS'P. @ TOP/BOTT. RAILS	Schlegel FS - .187"w. X .210"h.
14	PWS-002	*	AS REQD.	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 REQD.	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 COMBO
20	FD-621-2	HC-024/025	1 SET	DOOR LOCK / DEAD BOLT SET	SCHLAGE - Series FB350 COMBO
21	FD-621-2	HC-024/025	1 SET	DOOR LOCK / DEAD BOLT SET	DEFIANT - Series 831 COMBO
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-634	LII-171	AS REQ'D.	1/4 ROUND ALUM. BEAD - 11/16"	6063-T5 ALUMINUM
27	*	FS-043	8	GLAZING ADAPT. ATTACH. SCREW	#8 X 1 1/4" FH.-PHI.
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. 5	Dupont - Sentry Glass Plus
33	*	*	AS REQ'D.	Laminated Glass see Pg. 5	Dupont - PVB
34	*	*	AS REQ'D.	Laminated Glass see Pg. 5	Saflex - PVB
35	*	HC-002	2/Panel	PANEL ASS'Y ALUM. PLATE	1 1/2"x 2"x 1/8" (6063-T5 ALUM.)
36	*	HC-004	2/Panel	Panel Ass'y Full Lenght 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	62PP050BG14	6/Jamb	1/2" Dia. Hole Plug - Nylon 6-6	MICROPLASTICS - Rockwell M-79
40	HC-007	62PP087BG11	2/Panel	7/8" Dia. Hole Plug - Nylon 6-6	MICROPLASTICS - Rockwell M-79
41	*	HC-010	1/BOLT	FLUSH BOLT Sill Plug - Nylon 6-6	SUNCOPLASTICS Inc. Rockwell M-79
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	FD-635	HC-050	1	TWO-POINT FLUSHBOLT LOCK	OPTIONAL (FOR +/- 76.0 psf DP)
47	FD-626	FD-626-1	2/Panel	FLUSH BOLT GUIDE ALUM. ANGLE	1 1/2"x 1 1/2"x 1/8" Alum. 6063-T5
48	FD-627	FD-627-1	2/Panel	2-Point Lock Bolt Guide ANGLE	3"x 3"x 1 1/2"x 1/8" Alum. 6063-T5
49	*	*	AS REQ'D.	Joint Sealant- White Colored	"Purvis Co." Super Seal
50	FD-638	HC-	1 SET	LOCK ACTIVE HANDLE & TRIMSET	ASHLAND #W5201A-A
51	FD-637	HC-	1 SET	MULTI-POINT LOCK ACTIVE	ASHLAND #W5110-STACT5
52	FD-640	HC-	1 SET	LOCK PASSIVE HANDLE & TRIMSET	ASHLAND #W5201A-P
53	FD-639	HC-	1 SET	MULTI-POINT LOCK PASSIVE	ASHLAND #W5110-STPAS4
54	FD-641	HC-	2 x panel	Multi-Point Lock Bolt Guide	NYLON 6-6 Rockwell M scale 79
55	*	FS-	4/Guide	Bolt Guide Attachment Fastener	#6 x 1/2" P.H./PHIL.
56	FD-642	HC-	1 x Lock	Lock Top Mount Adapter	NYLON ADAPTER
57	FD-643	HC-	1 x Lock	Lock Botton Mount Adapter	NYLON ADAPTER



"OXXO" EXTERIOR ELEVATION

ANCHOR NOTES:
1. SEE ELEVATION AT SHEET 1 OF 6 FOR ANCHOR O.C. MAX. SPACING AND LOCATIONS.
2. SEE SHEET 4 OF 6 FOR INSTALLATION FASTENERS TYPES.
3. SAME ANCHOR SPACING @ FRAME HEAD & SILL.

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. OXXO
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 1of6 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 13-0328.11
Expiration Date 06/05/2018
By
Miami Dade Product Control

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

DATE 11-27-2012

NOTES:
1). THIS PRODUCT IS DESIGNED AS PER 2010 FLORIDA BUILDING CODE.
2). GLASS MEETS REQUIREMENTS OF ASTM-E1300 AS PER CHAPTER 24 OF THE FBC 2010 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 6 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 & D. (SEE LOCATION DETAILS @ SHEET 3 OF 6)
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.
4). MAX. DP = ±86 PSF W/ Multi-Point Lock (1-active)+(1-possive) at Inactive

Revision Notes:
Revised to comply w/ FBC2004 -11/01/05
Revised to comply w/ FBC2007 & added Insulated Glass 01/22/10
Ashland Mult-Point Lock 01/27/11
Revised to comply w/ 2010 FBC

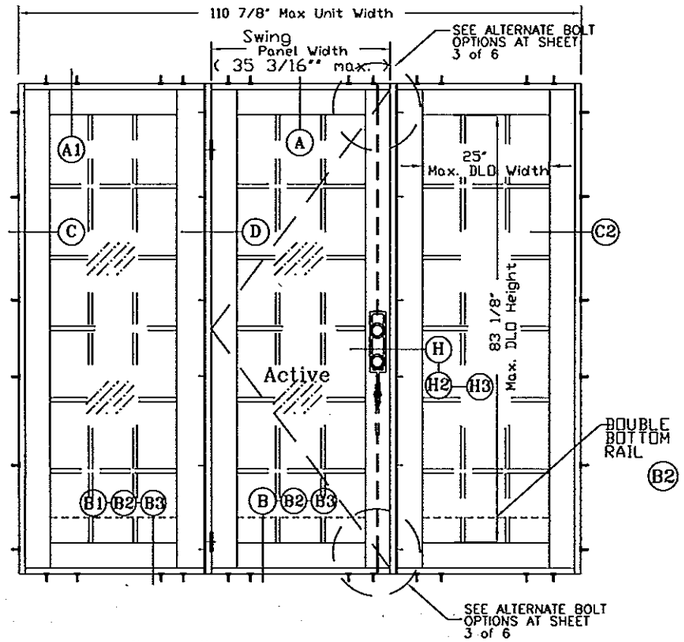
Revised By:	Nelson Erazo	Date Checked:	01/27/11
Drawn By:	Nelson Erazo	Date Drawn:	01/20/12
		Scale:	n.t.s.

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

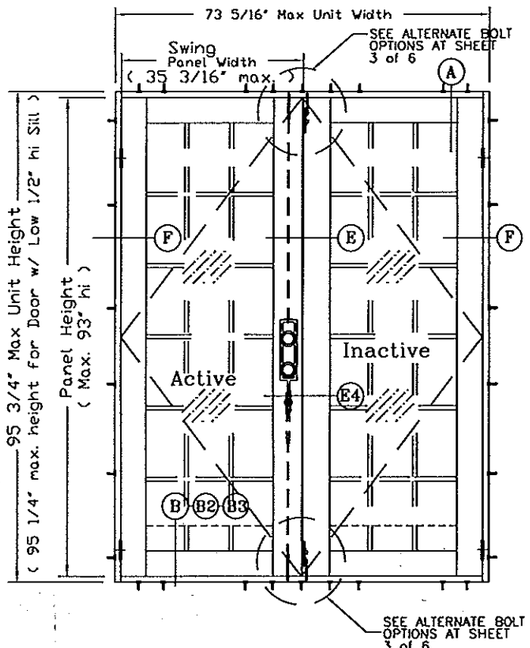
Draw Class:	Part Class:	Prod Category:	Series/Model:	Item:	Sheet:
NOA APPROVAL		IMPACT	FRENCH DOOR		1 OF 6

"La Porte" Impact" French Out-Swing Door

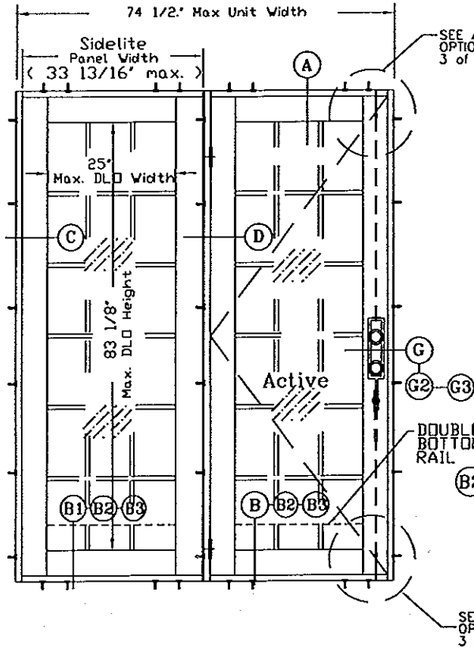
Reference Number:	Drawing Number:	Revision Level:
	FD-2003	"P"



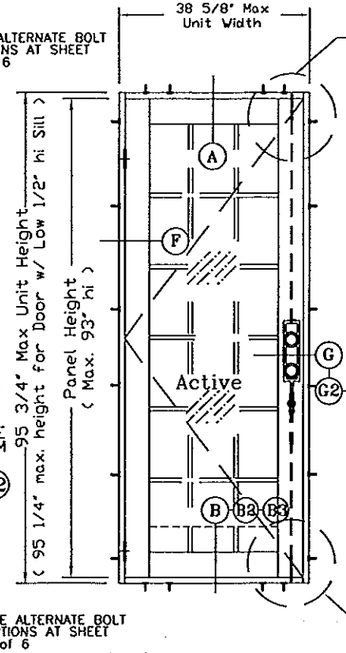
"OXO" ELEVATION



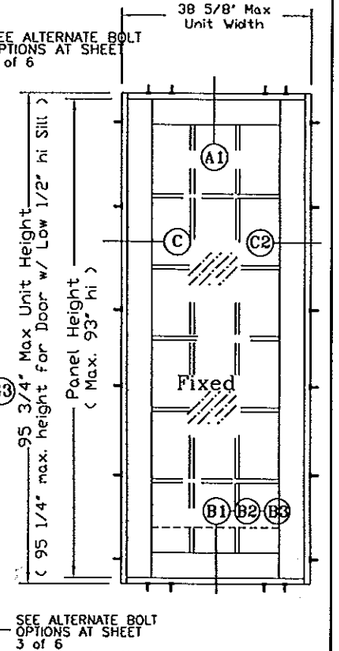
"XX" ELEVATION



"OX" ELEVATION

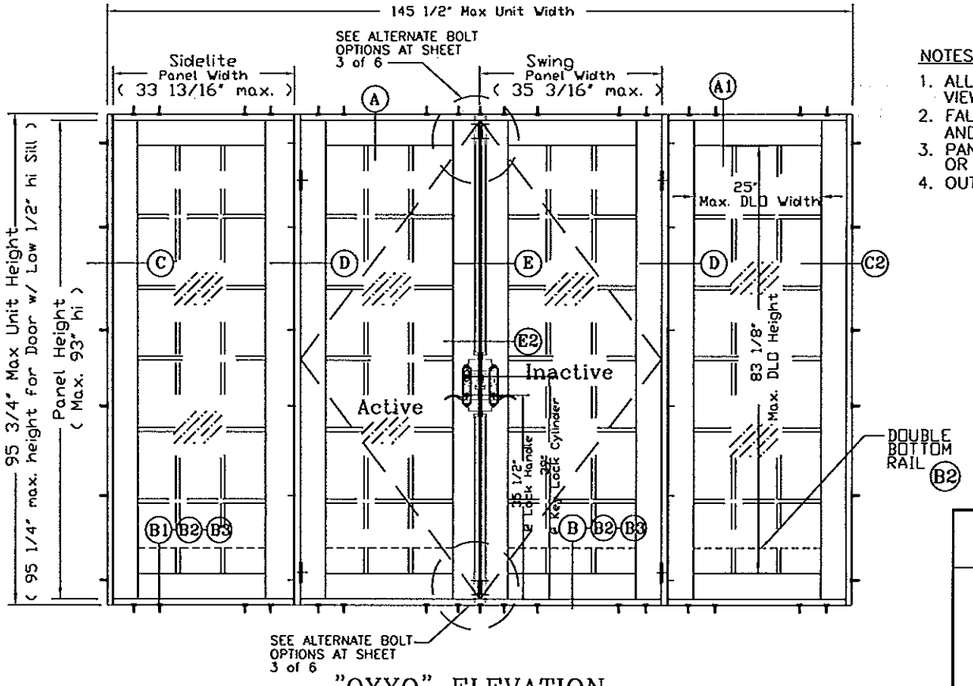


"X" ELEVATION



"O" ELEVATION

APPROVED CONFIGURATIONS



"OXXO" ELEVATION

NOTES:

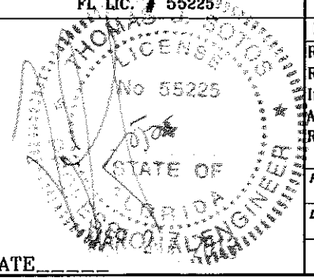
1. ALL ELEVATIONS ARE A GRAPHICAL REPRESENTATION VIEWED FROM THE EXTERIOR SIDE.
2. FALSE COLONIAL MUNTINS ARE APPLIED W/ SILICONE AND ARE AVAILABLE AS OPTIONAL.
3. PANELS ARE AVAILABLE WITH SINGLE BOTTOM RAIL OR DOUBLE BOTTOM RAILS.
4. OUT-SWING DOOR WITHOUT INSECT SCREEN.

ANCHOR NOTES:

1. SEE ELEVATION AT SHEET 1 OF 6 FOR ANCHOR O.C. MAX. SPACING AND LOCATIONS.
2. SEE SHEET 4 OF 6 FOR INSTALLATION FASTENERS TYPES.

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 13-0328.11
Expiration Date 06/05/2018
By
Miami Dade Product Control

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL. LIC. # 55225



DATE_____

"LaPorte" IMPACT FRENCH OUTSWING DOOR - DESIGN LOAD CHART

PANEL WIDTH/HEIGHT ACTUAL SIZE (INCHES)		NUMBER OF ANCHORS /JAMB	DP GLASS TYPE "A" & "E" +/-(PSF)	PANEL WIDTH ACTUAL SIZE (INCHES)	DP (PSF) GLASS TYPE "B" +/-(PSF)	GLASS TYPE "C" +/-(PSF)	GLASS TYPE "D" +/-(PSF)
WIDTH *	HEIGHT *			WIDTH *			
10 1/4"	77" *(5)	5	±86.0	11 3/16"	±76.0	±76.0	±76.0
16 1/4"		5	±86.0	17 3/16"	±76.0	±76.0	±76.0
22 1/4"		5	±86.0	23 3/16"	±76.0	±76.0	±76.0
28 1/4"		5	±86.0	29 3/16"	±76.0	±76.0	±76.0
30 1/4"		5	±86.0	31 3/16"	±76.0	±76.0	±76.0
34 1/4"		5	±86.0	35 3/16"	±76.0	±76.0	±76.0
10 1/4"	93" *(6)	6	±86.0	11 3/16"	±76.0	±76.0	±76.0
16 1/4"		6	±86.0	17 3/16"	±76.0	±76.0	±76.0
22 1/4"		6	±86.0	23 3/16"	±76.0	±76.0	±76.0
28 1/4"		6	±86.0	29 3/16"	±76.0	±76.0	±76.0
30 1/4"		6	±86.0	31 3/16"	±76.0	±76.0	±76.0
34 1/4"		6	±86.0	35 3/16"	±76.0	±76.0	±76.0

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

Revision Notes:
Revised to comply w/ FBC2004 -11/01/05
Revised to comply w/ FBC2007 & added Insulated Glass 01/22/10
Ashland Mult-Point Lock 01/27/11
Revised to comply w/ 2010 FBC

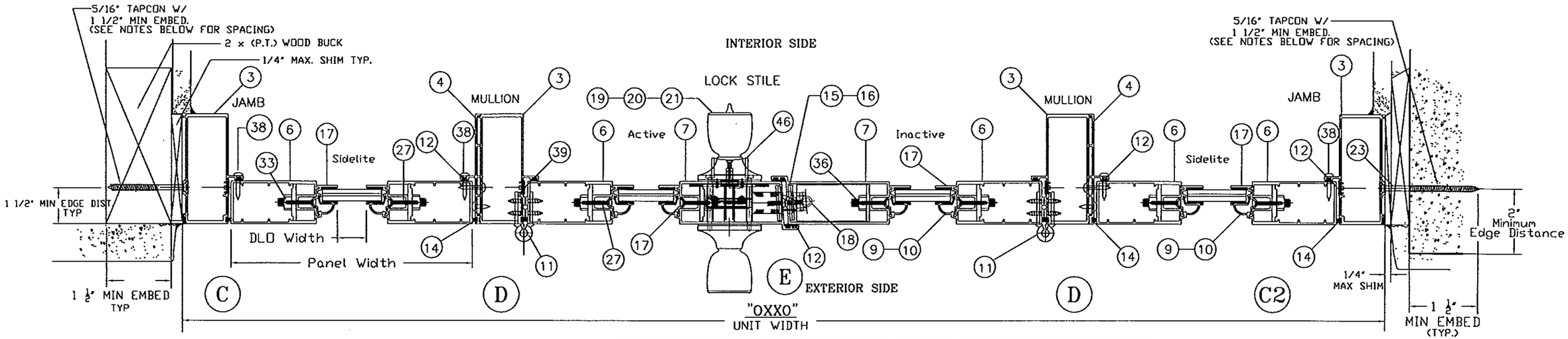
Revised By:	Nelson Erazo	Date Checked:	01/27/11
Drawn By:	Nelson Erazo	Date Drawn:	01/20/12
		Scale:	n.t.s.

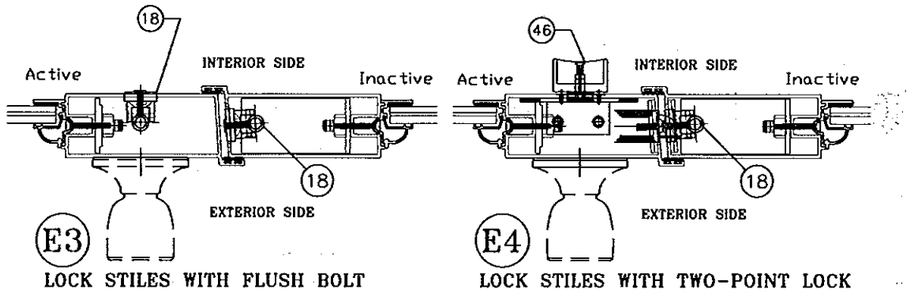
LAWSON INDUSTRIES, INC.
8501 NW 90th St.
MEDLEY, FLORIDA 33166
(305) 696-8660
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

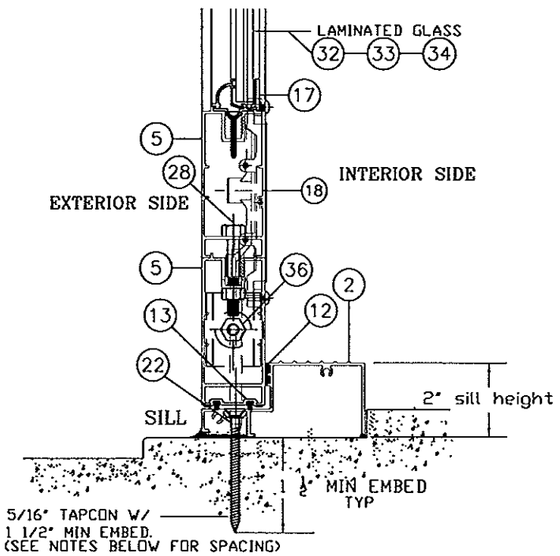
Draw Class:	Part Class:	Prod Category:	Series/Model:	Item:	Sheet:
NOA APPROVAL		IMPACT	FRENCH DOOR		2 OF 6

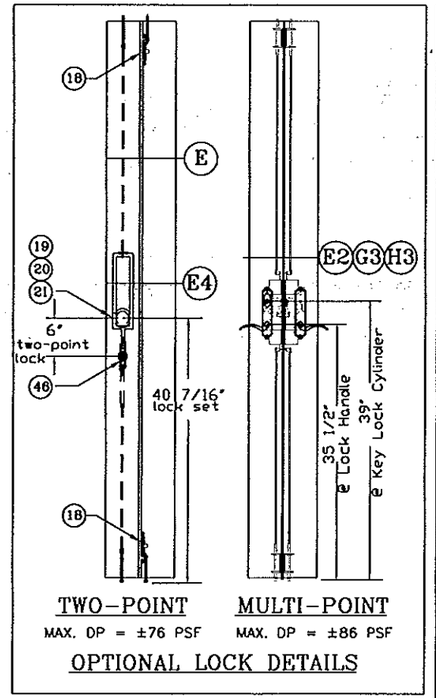
"La Porte" Impact" French Out-Swing Door

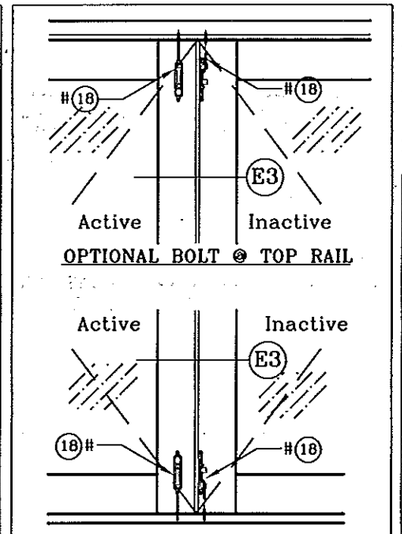
Reference Number:	Drawing Number:	Revision Level:
	FD-2003	"P"





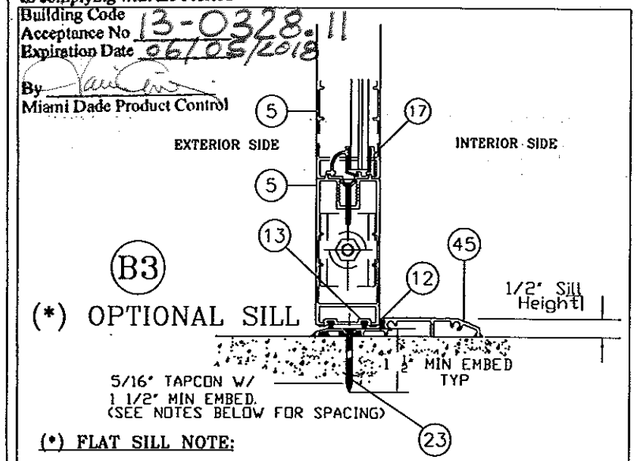






ANCHOR NOTES:
1. SEE ELEVATION AT SHEET 1 OF 6 FOR ANCHOR O.C. MAX. SPACING AND LOCATIONS.
2. SEE SHEET 4 OF 6 FOR INSTALLATION FASTENERS TYPES.

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No 13-0328.11
Expiration Date 06/05/2018
By Miami Dade Product Control



(*) FLAT SILL NOTE:

DOORS & SIDELITES WITH THIS SILL TO BE 95 1/4" MAX. FRAME HEIGHT.

THIS TYPE OF SILL IS LIMITED TO +/- 76.0 psf DESIGN LOAD AND MUST BE USED WHERE WATER INFILTRATION IS NOT REQUIRED OR THE EXTERIOR OPENING IS PROTECTED WITH AN EXTENDED CEILING OR ROOF OVERHANG GREATER THAN OR EQUAL TO THE HEIGHT OF THE WALL WHERE THE DOOR IS LOCATED.

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

DATE_____

Revision Notes:
Revised to comply w/ FBC2004 -11/01/05
Revised to comply w/ FBC2007 & added Insulated Glass 01/22/10
Ashland Mult-Point Lock 01/27/11
Revised to comply w/ 2010 FBC

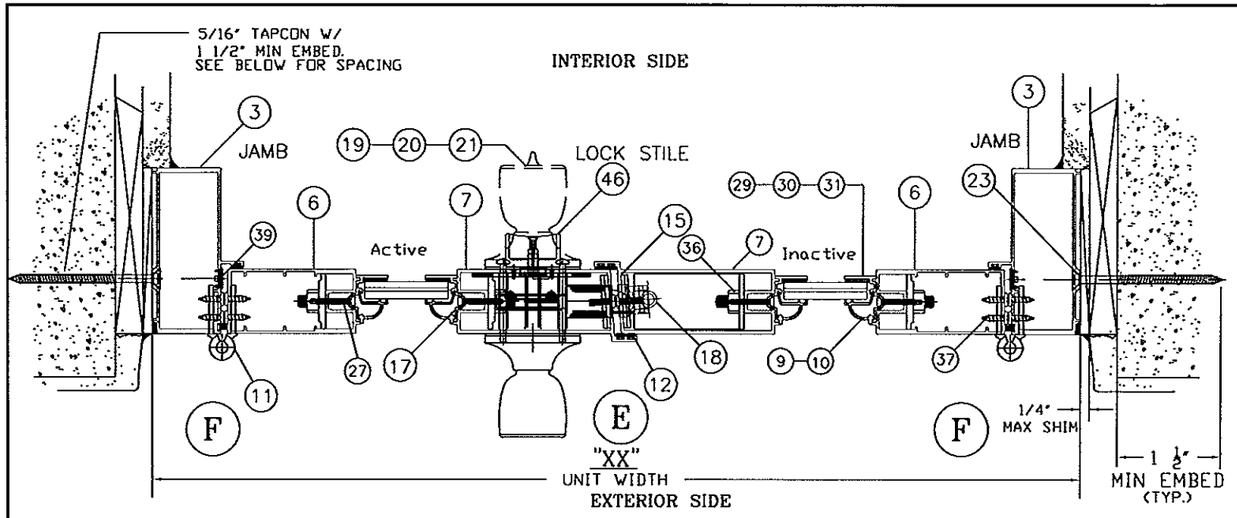
Revised By:	Nelson Erazo	Date Checked:	01/27/11
Drawn By:	Nelson Erazo	Date Drawn:	01/20/12
		Scale:	n.t.s.

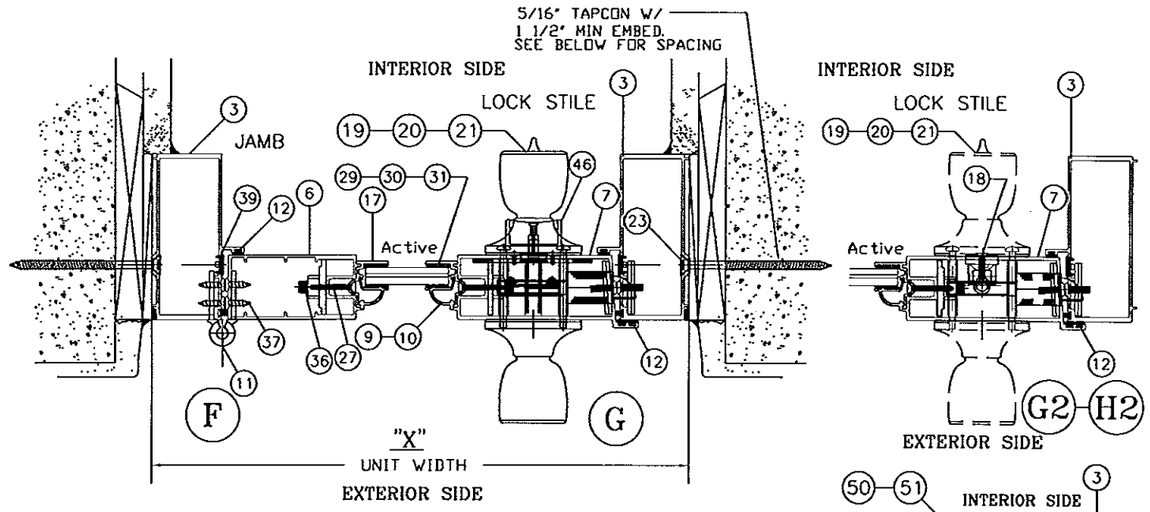
LAWSON INDUSTRIES, INC.
8501 NW 90th St.
MEDLEY, FLORIDA 33166
(305) 696-8660
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

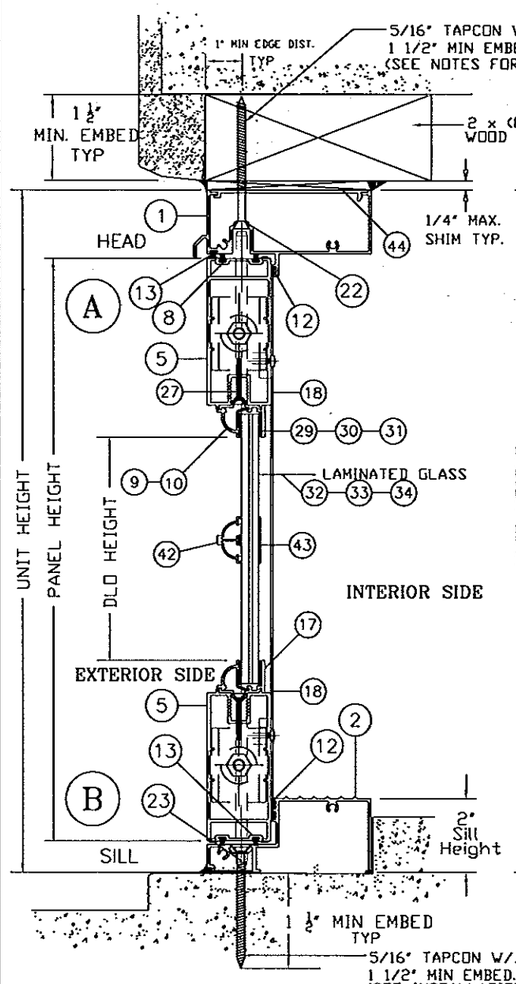
Draw Class:	Part Class:	Prod Category:	Series/Model:	Item:	Sheet:
NOA APPROVAL		IMPACT	FRENCH DOOR		3 OF 6

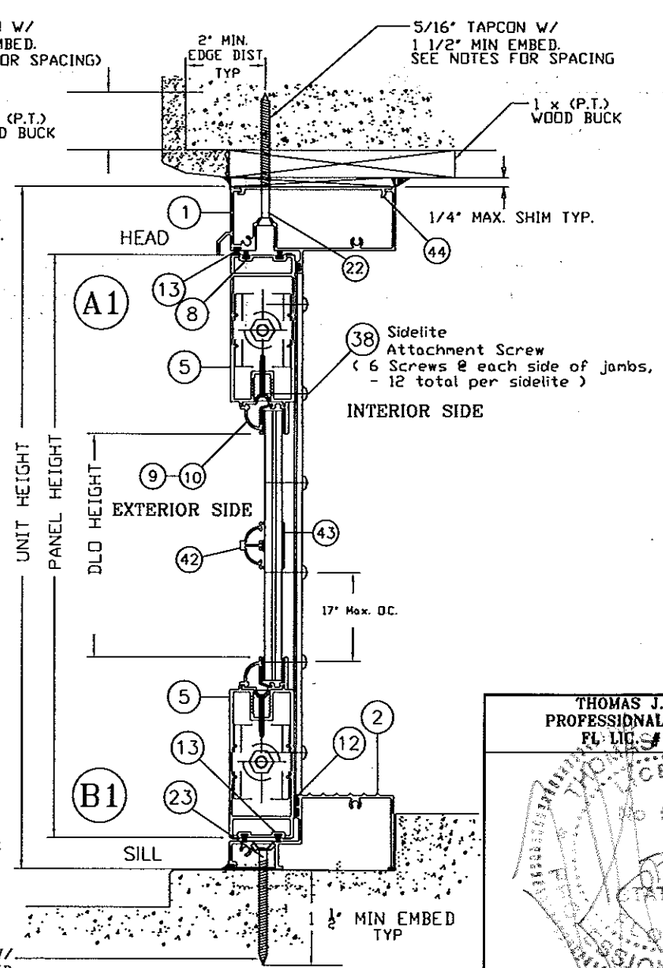
"La Porte" Impact" French Out-Swing Door

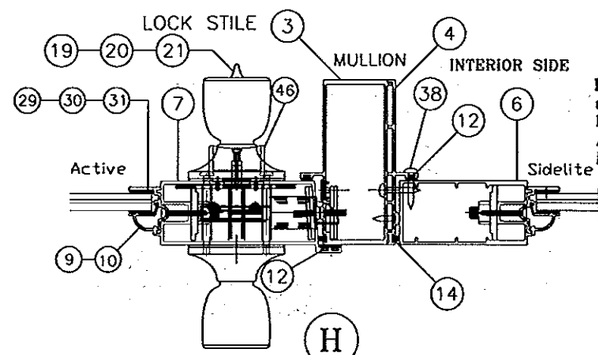
Reference Number:	Drawing Number:	Revision Level:
	FD-2003	"F"

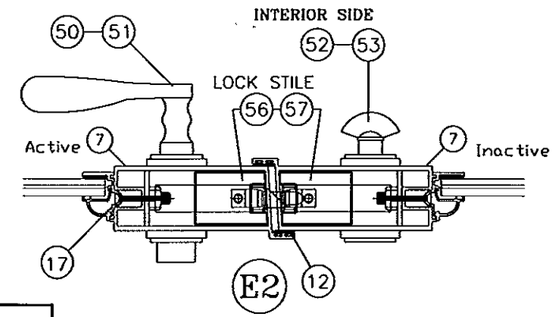


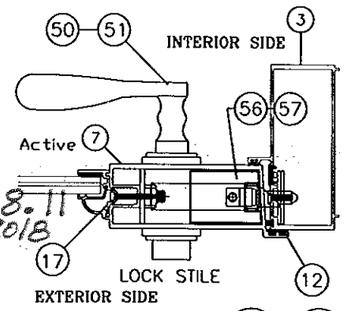












PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 13-0328.11
Expiration Date 06/05/2018
By
Miami Dade Product Control

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, AND 1/4" MAX. SHIM SPACE.

* ALL TAPCON LENGTHS "L" SPECIFIED ARE MINIMUMS (SEE ELEVATION AT SHEET 1 of 6 FOR ANCHOR MAX. SPACING AND LOCATIONS)

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225
STATE OF FLORIDA PROFESSIONAL ENGINEER
DATE_____

Revision Notes:
Revised to comply w/ FBC2004 -11/01/05
Revised to comply w/ FBC2007 & added Insulated Glass 01/22/10
Ashland Mult-Point Lock 01/27/11
Revised to comply w/ 2010 FBC

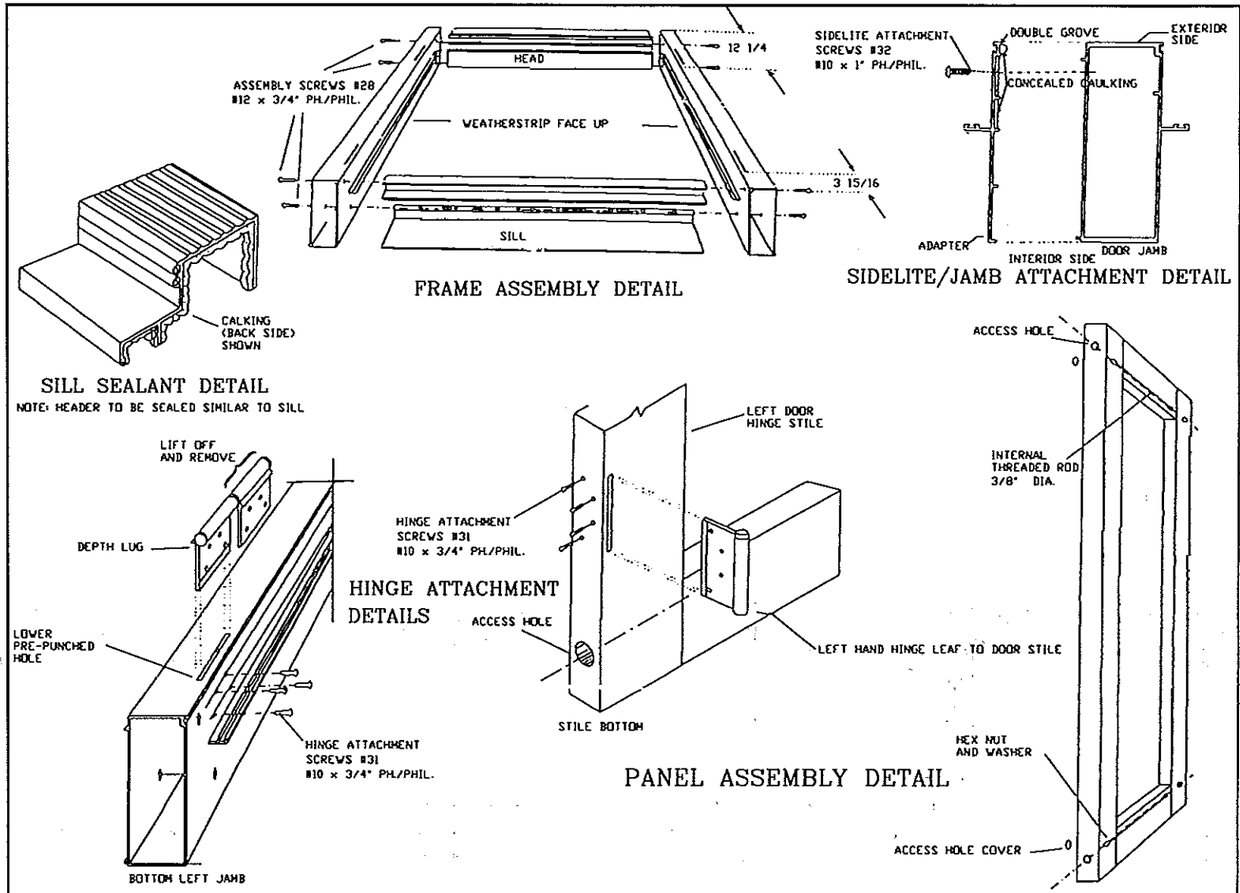
Revised By:	Date Checked:
Nelson Erazo	01/27/11
Drawn By:	**Date Drawn:**
Nelson Erazo	01/20/12
	Scale: n.t.s.

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

Draw Class:	Part Class:	Prod Category:	Series/Model:	Item:	Sheet:
NOA APPROVAL		IMPACT	FRENCH DOOR		4 OF 6

"La Porte" Impact" French Out-Swing Door

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



FRAME ASSEMBLY DETAIL

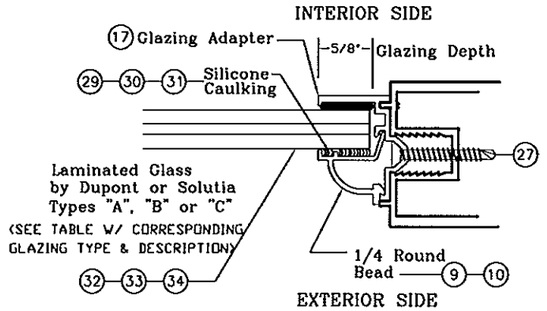
SIDELITE/JAMB ATTACHMENT DETAIL

SILL SEALANT DETAIL

NOTE: HEADER TO BE SEALED SIMILAR TO SILL

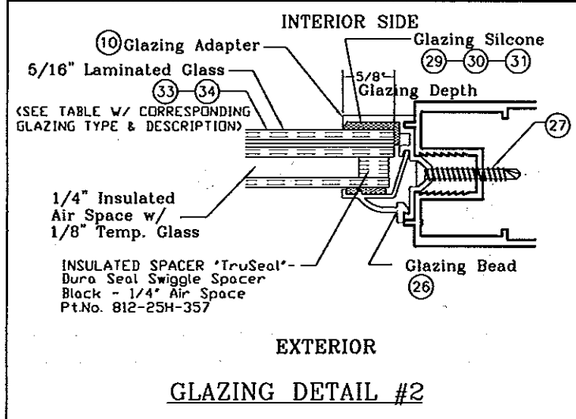
HINGE ATTACHMENT DETAILS

PANEL ASSEMBLY DETAIL



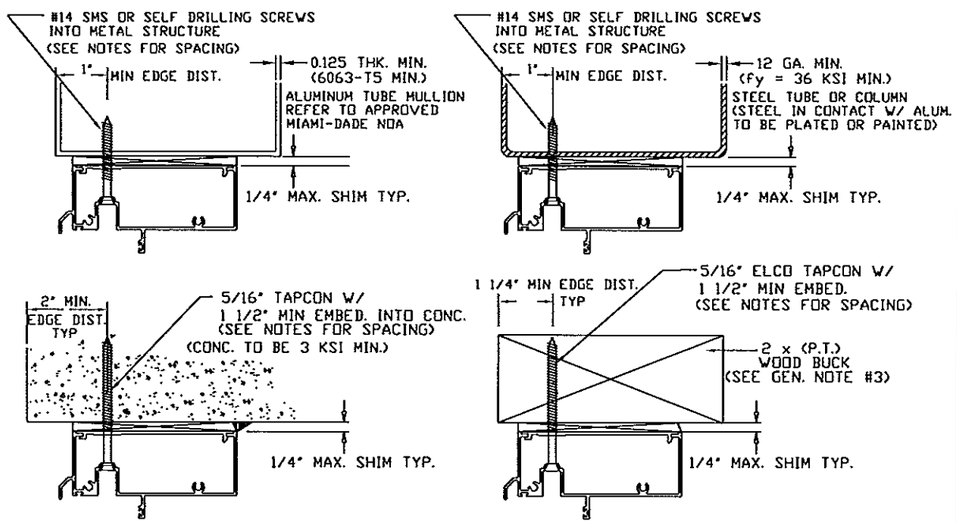
GLAZING DETAIL #1

GLAZING TYPE & DESCRIPTIONS		
.466" O/A Laminated Glass by Dupont - Glass Type "A"		
ITEM	DESCRIPTION	DETAIL (32)
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 (33)
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 (34)
1	1/8" Heat-Strengthened Glass	
2	.090" Saflex PVB Interlayer	
3	1/8" Heat-Strengthened Glass	



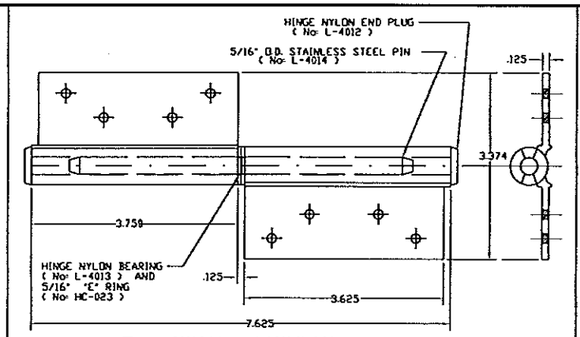
GLAZING DETAIL #2

GLAZING TYPE & DESCRIPTIONS		
.340" O/A Laminated Glass by Solutia - Glass Type "D"		
ITEM	DESCRIPTION	DETAIL (34)
1	1/8" Heat-Strengthened Glass	
2	.090" Saflex PVB Interlayer	
3	1/8" Heat-Strengthened Glass	
4	1/4" INSULATED AIR SPACE	
5	1/8" TEMPERED GLASS	
.340" O/A Laminated Glass by Solutia - Glass Type "E"		
ITEM	DESCRIPTION	DETAIL (34)
1	1/8" Heat-Strengthened Glass	
2	.090" DuPont SGP Interlayer	
3	1/8" Heat-Strengthened Glass	
4	1/4" INSULATED AIR SPACE	
5	1/8" TEMPERED GLASS	



NOTE:
OPTIONAL INSTALLATION DETAILS MAY APPLY TO DOOR FRAME JAMB AND/OR FRAME HEAD. (TYP.)

FRAME INSTALLATION OPTIONAL DETAILS



(11) HINGE ASSEMBLY DETAIL #FD-624-2

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL. LIC. # 55225

THOMAS J. SOTOS LICENSE No 55225 STATE OF FLORIDA PROFESSIONAL ENGINEER MAR 27 2013

DATE_____

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 13-0328.11
Expiration Date 06/05/2018
By _____
Miami Dade Product Control

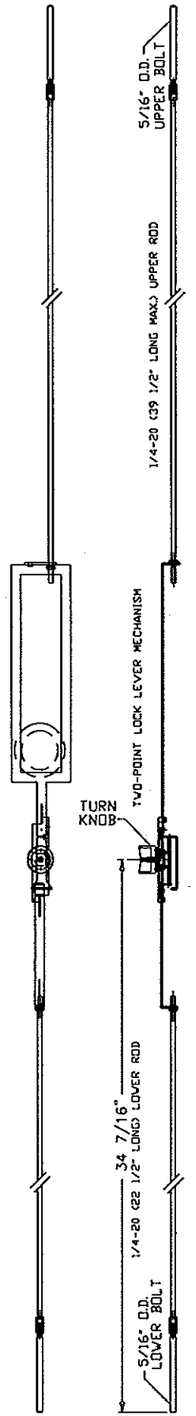
Revision Notes:
Revised to comply w/ FBC2004 -11/01/05
Revised to comply w/ FBC2007 & added
Insulated Glass 01/22/10
Ashland Mult-Point Lock 01/27/11
Revised to comply w/ 2010 FBC

Revised By: Nelson Erazo	Date Checked: 01/27/11		
Drawn By: Nelson Erazo	Date Drawn: 01/20/12		
	Scale: n.t.s.	Part Number:	Drawing Number: FD-2003 / Revision Level: "P"

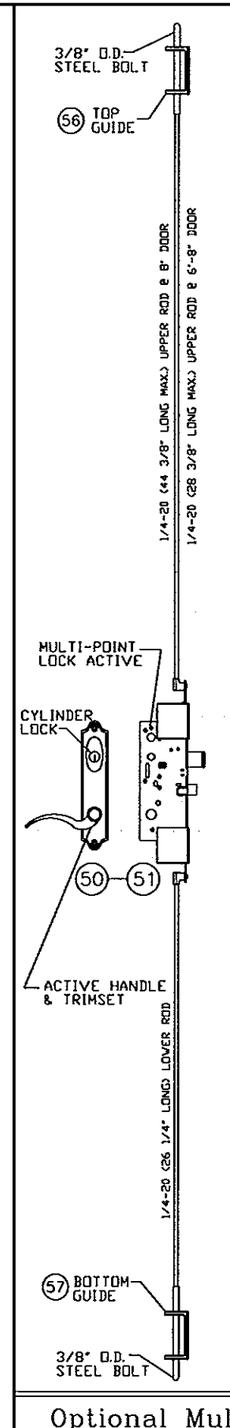
LAWSON INDUSTRIES, INC.
8501 NW 90th St.
MEDLEY, FLORIDA 33166
(305) 696-8660
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

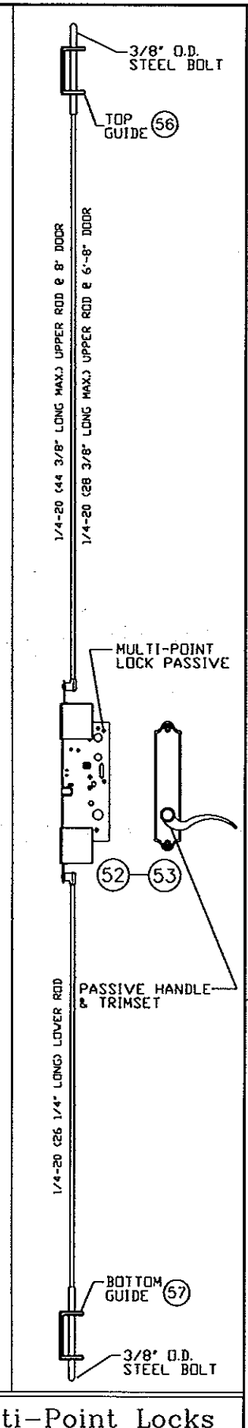
Draw Class:	Part Class:	Prod Category:	Series/Model:	Item:	Sheet:
NOA APPROVAL		IMPACT	FRENCH DOOR		5 OF 6

"La Porte" Impact" French Out-Swing Door



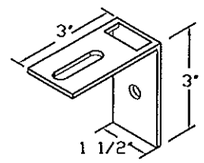
(46) OPTIONAL TWO-POINT LOCK LOCK #HC-050 (+/- 76.0 psf DP)



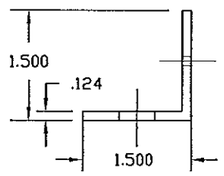


Optional Multi-Point Locks
(+/- 86.0 psf DP)

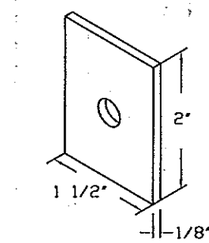
Active Lock	Passive Lock
ASHLAND #W5110-STACT5	ASHLAND #W5110-STPAS4
HANDLE & TRIMSET	HANDLE & TRIMSET
ASHLAND #W5201A-A	ASHLAND #W5201A-P



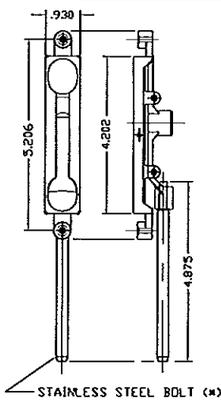
(49) FLUSH BOLT AND TWO-POINT LOCK ANGLE GUIDE #FD-627-1



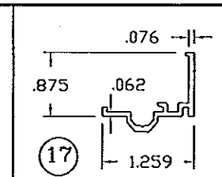
(47) INACTIVE-PANEL FLUSH BOLT ANGLE GUIDE 1 1/2" LONG #FD-625-1



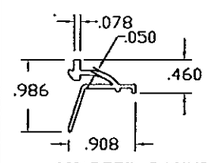
(35) SIDELITE PANEL, ALUMINUM PLATE 2" LONG #HC-002



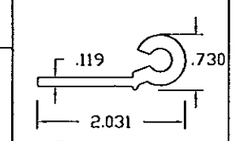
(18) INACTIVE-PANEL FLUSH BOLT #HC-001



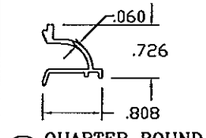
(17) GLAZING ADAPTER #L-910



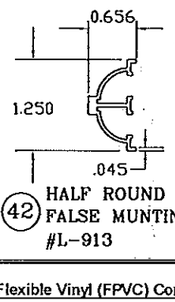
(26) QUARTER ROUND (11/16") BEAD #FD-634



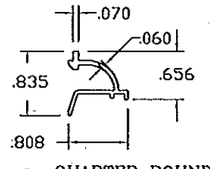
(11) HINGE LEAF #L-908



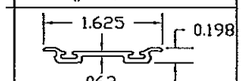
(10) QUARTER ROUND (3/8") BEAD #L-912



(42) HALF ROUND FALSE MUNTIN #L-913



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

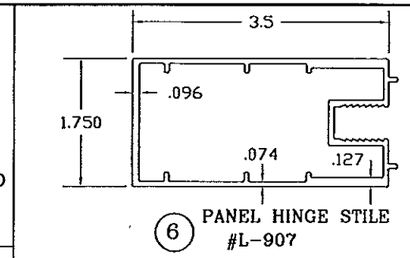


(8) RAIL ADAPTER #L-909

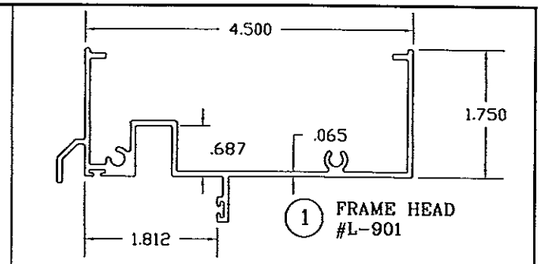
Flexible Vinyl (FPVC) Composition - Team Plastics, Inc.		
*1. FPVC Black: Compound No. 7200-75		
PHYSICAL		ASTM NO.
Durometer Hardness "A", 10 sec	75	D-2240
Specific Gravity	1.45	D-792
Tensile Strength, PSI	1640	D-638
Ultimate Elongation, %	340.0	D-638
Modulus @ 100% Elongation, PSI	765.0	D-638
Impact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

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

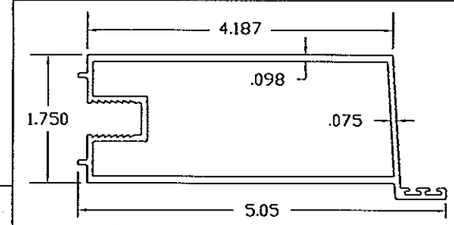
DATE MAR 27 2013



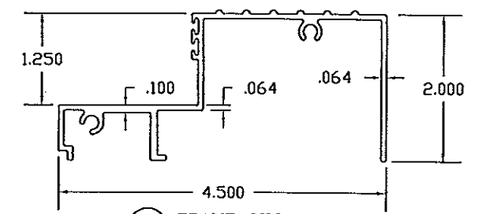
(6) PANEL HINGE STILE #L-907



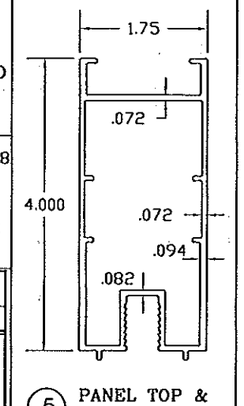
(1) FRAME HEAD #L-901



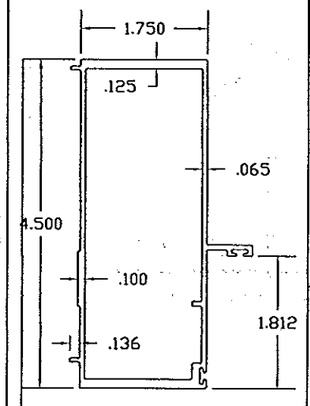
(7) PANEL LOCK STILE #L-905



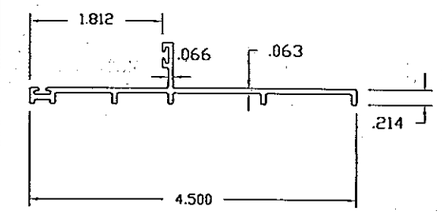
(2) FRAME SILL #L-902



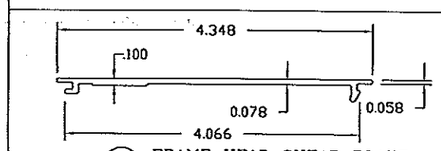
(5) PANEL TOP & BOTTOM RAIL #L-906



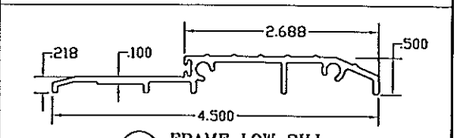
(3) FRAME JAMB #L-903



(4) JAMB ADAPTER #L-904



(44) FRAME HEAD SHEAR PLATE #L-915



(45) FRAME LOW SILL #L-916

NOTE:
1. ALL DIMENSIONS SPECIFIED ARE IN INCHES
2. SEE ELEVATION AT SHEET 1 OF 6 FOR ANCHOR O.C. MAX. SPACING AND LOCATIONS

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No 13-0328.11 Expiration Date 06/05/2018 By

(*) NOTE:
REFER TO DETAIL "B3" AT SHEET # 3 OF 6 FOR ADDITIONAL NOTES AND LIMITATIONS.

Revision Notes: Miami Dade Product Control
Revised to comply w/ FBC2004 -11/01/05
Revised to comply w/ FBC2007 & added Insulated Glass 01/22/10
Ashland Mult-Point Lock 01/27/11
Revised to comply w/ 2010 FBC

Revised By:	Nelson Erazo	Date Checked:	01/27/11
Drawn By:	Nelson Erazo	Date Drawn:	01/20/12
		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:	Part Class:	Prod Category:	Series/Model:	Item:	Sheet:
NOA APPROVAL		IMPACT	FRENCH DOOR		6 OF 6

"La Porte" Impact" French Out-Swing Door

Part Number: | Drawing Number: FD-2003 | Revision Level: "F"