MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.buildingcodeonline.com

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "La Porte" Aluminum Outswing French Doors-Impact

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 12/12/02 and last revised on 04/27/06, signed and sealed by Thomas J. Sotos, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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 # **04-0607.04 (03-0219.01)** consists of this page 1 as well as approval document mentioned above.
The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

PRODUCT CONTROL ACCEPTED

4/27/16

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS (transferred from file #04-0607.04)

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 12/12/02 and last revised on 04/27/06, signed and sealed by Thomas J. Sotos, P.E.

B. TESTS (transferred from file #04-0607.04)

1. 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) 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 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-02-1253, HETI-1726, -1728, -1736**, -17**42, -1763** and **1765,** issued on 01-14-2003, signed and sealed by Rafael E. Droz-Seda, P. E.
2. 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.
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 A & HETI-04-1896 B** both issued on 03/10/04 and **HETI-04-1897,** issued on 03/12/04, all signed and sealed by Rafael E. Droz-Seda, P. E.

C. CALCULATIONS

1. Anchor verification calculations dated Oct 17, 2005 & revised on Feb 03, 2006 complying w/ FBC-2004, prepared, signed and sealed by Thomas J. Sotos, P. E
2. Anchor Calculations and structural analysis, dated Feb. 11, 2003, revised on March 14, 2003, April 21, 2003 and May 09, 2003, prepared, signed and sealed by Thomas J. Sotos, P. E. (transferred from file #04-0607.04)

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 05-1116.06
Expiration Date: June 05, 2008
Approval Date: May 19, 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (transferred from file #04-0607.04)

1. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for "Sentry Glass Plus", expiring on 01/14/2007.
2. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont DeNemours for "Dupont Butacite PVB", expiring on 12/11/2010.
3. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for "Saflex/KeepSafeMax", expiring on 05/21/2006.
4. Tensile test reports No. HETI-02-T090 & HETI-02-T095, both dated Jan 13th, 2003 per ASTM E-8 for aluminum frame, issued by Hurricane Engineering & Testing, Inc.

F. STATEMENTS (transferred from file #04-0607.04)

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 February 10, 2003 issued by Lawson Industries, signed and sealed by Thomas J. Sotos, P. E.
3. Laboratory compliance statement, part of above referenced test reports, issued by Hurricane Engineering & Testing, Inc.

G. OTHER:

1. This NOA **revises** NOA # **04-0607.04 (03-0219.01), expiring June 05, 2008.**
2. Test proposals dated 09-19-02 & 11-26-03 approved by BCCO.

Ishaq I. Chanda

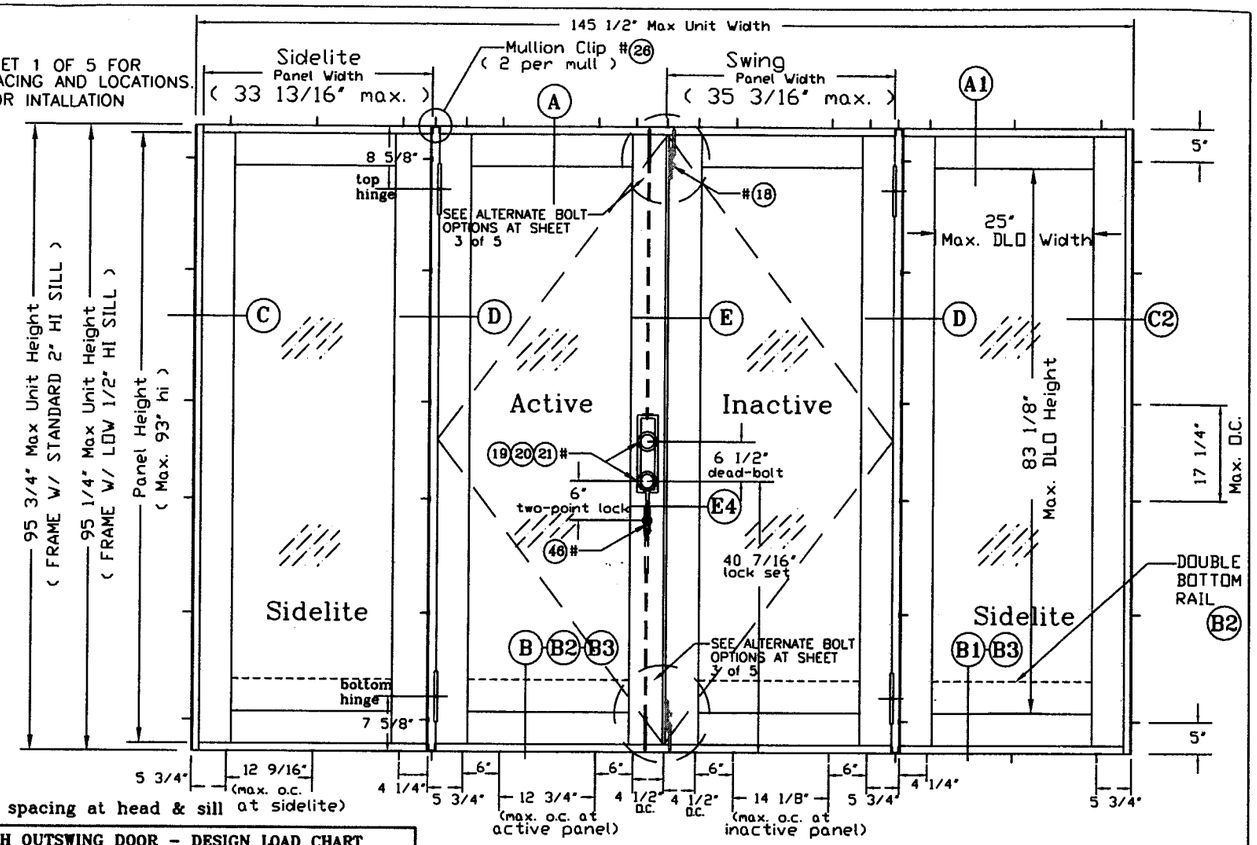
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 05-1116.06
Expiration Date: June 05, 2008
Approval Date: May 19, 2006

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	*	AS REQ'D.	BULB VINYL WTS'P.	Team Plastics Co. #3286
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-931	OE-631	2 x mull	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 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	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

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)

"OXXO" EXTERIOR ELEVATION

"LaPorte" IMPACT FRENCH OUTSWING DOOR - DESIGN LOAD CHART						
PANEL WIDTH/HEIGHT ACTUAL SIZE (INCHES)		NUMBER OF ANCHORS /JAMB	DP GLASS TYPE "A" ±(PSF)	PANEL WIDTH ACTUAL SIZE (INCHES)	DP (PSF) GLASS TYPE "B" ±(PSF)	DP (PSF) GLASS TYPE "C" ±(PSF)
WIDTH *	HEIGHT *			WIDTH *		
10 1/4"	77" *(5)	5	±86.0	11 3/16"	±76.0	±76.0
16 1/4"		5	±86.0	17 3/16"	±76.0	±76.0
22 1/4"		5	±86.0	23 3/16"	±76.0	±76.0
28 1/4"		5	±86.0	29 3/16"	±76.0	±76.0
30 1/4"		5	±86.0	31 3/16"	±76.0	±76.0
34 1/4"		5	±86.0	35 3/16"	±76.0	±76.0
10 1/4"	93" *(6)	6	±86.0	11 3/16"	±76.0	±76.0
16 1/4"		6	±86.0	17 3/16"	±76.0	±76.0
22 1/4"		6	±86.0	23 3/16"	±76.0	±76.0
28 1/4"		6	±86.0	29 3/16"	±76.0	±76.0
30 1/4"		6	±86.0	31 3/16"	±76.0	±76.0
34 1/4"		6	±86.0	35 3/16"	±76.0	±76.0

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

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 ENGINEERED SEPARATELY AND 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) Flush Bolts & Gloss Type A. (SEE LOCATION DETAILS @ SHEET 3 OF 5)
2). MAX. DP = ±76 PSF W/ 2-Point Lock Bolt (active)+ (2) Flush 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.

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 1of4 FOR MAX. ANCHOR SPACING
9). ALL DIMENSIONS SPECIFIED ARE IN INCHES
10). NO HURRICANE SHUTTERS ARE REQUIRED

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 05-1116.06
Expiration Date June 05, 2008
By Ishaq I. Chanda
Miami Dade Product Control Division

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

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

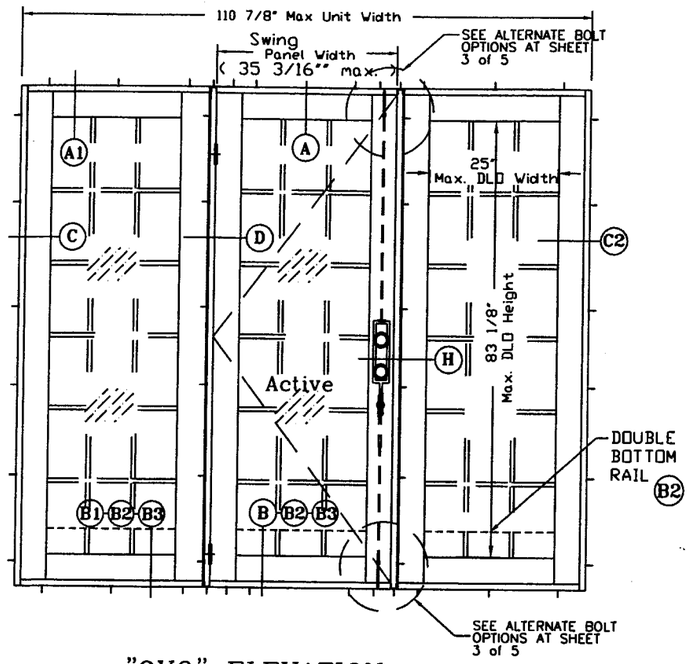
LAWSON INDUSTRIES, INC.
8501 NW 90th St.
MEDLEY, FLORIDA 33166
(305) 696-8660
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

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

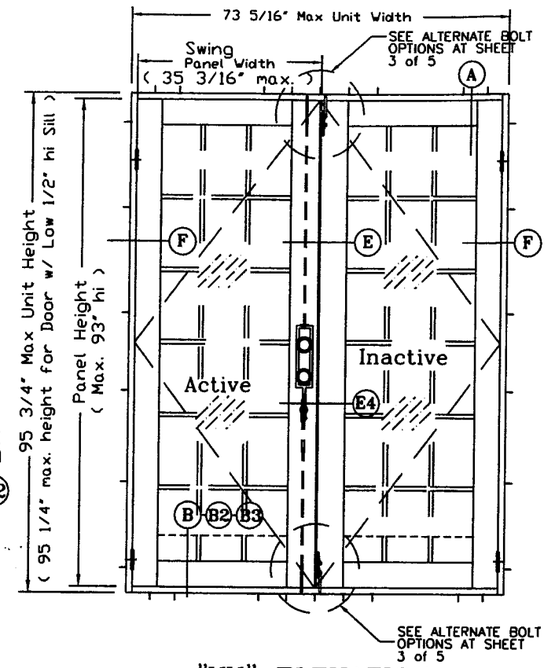
Draw Class:	Part Class:	Prod Category:	Series/Model:	Item:	Sheet:
NOA APPROVAL		IMPACT	FRENCH DOOR		1 OF 5

"La Porte" Impact" French Out-Swing Door

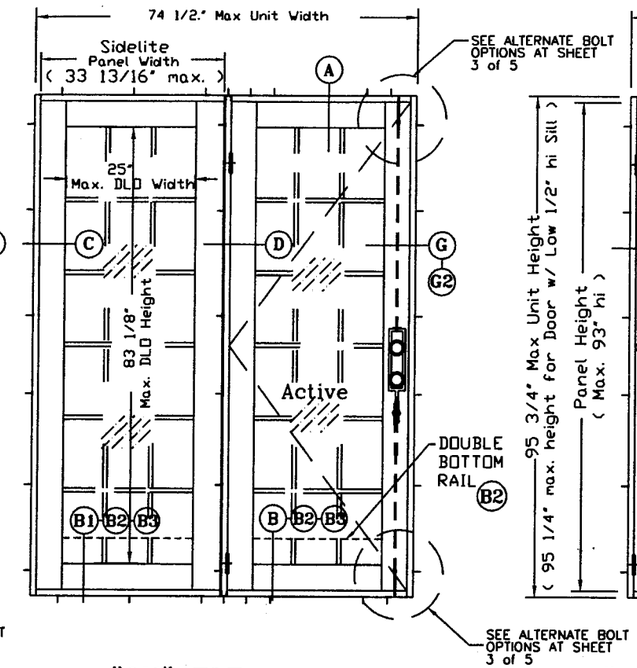
Reference Number: | Drawing Number: FD-2003 | Revision Level: "C"



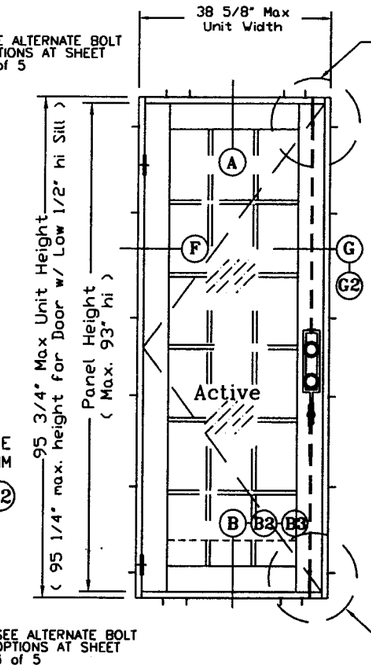
"OXO" ELEVATION



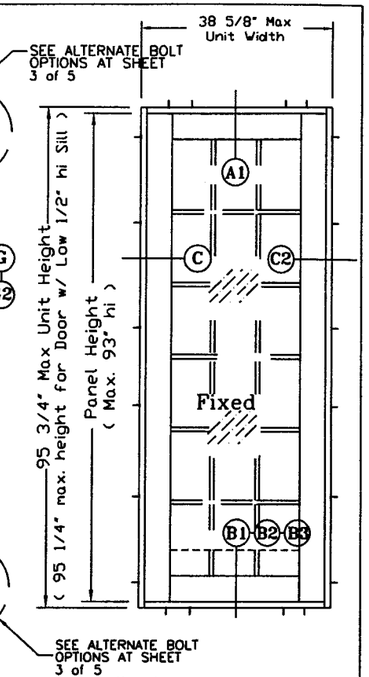
"XX" ELEVATION



"OX" ELEVATION

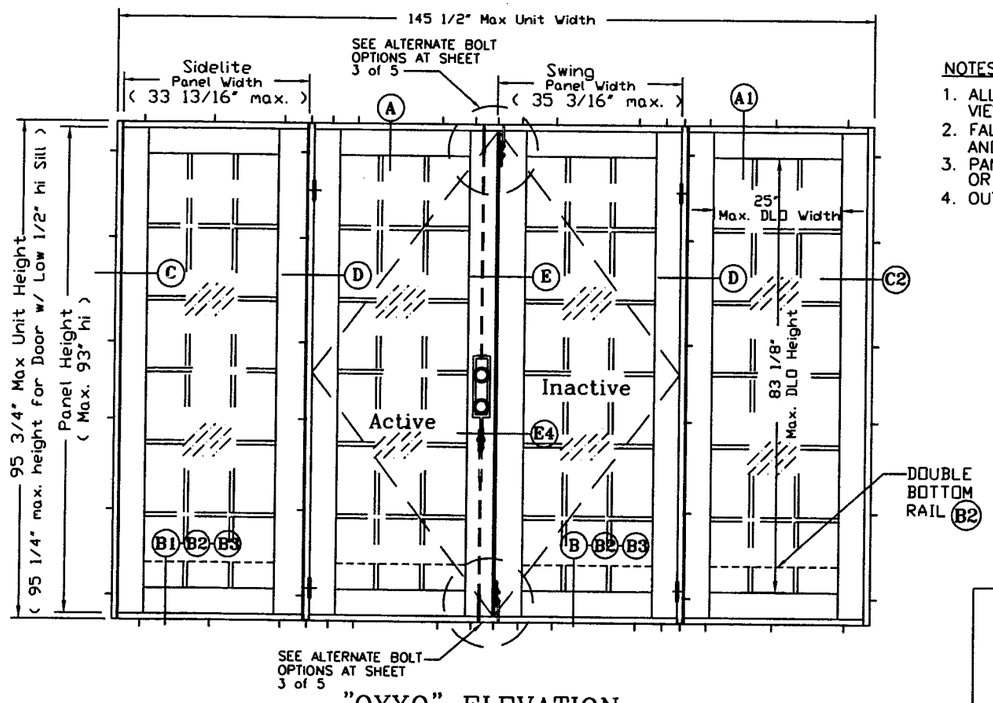


"X" ELEVATION



"O" ELEVATION

APPROVED CONFIGURATIONS

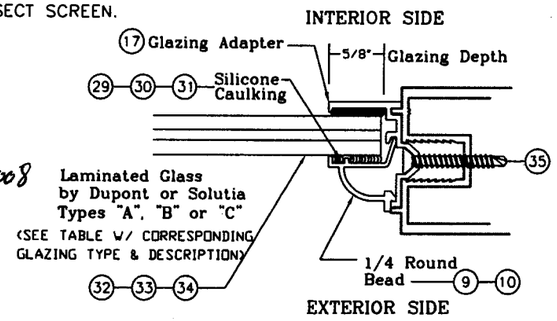


"OXXO" ELEVATION

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.

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 05-1116.06
Expiration Date June 05, 2008
By Ishwar J. Chander
Miami-Dade Product Control Division



GLAZING DETAIL

GLAZING TYPE & DESCRIPTIONS

.466" O/A Laminated Glass by Dupont - Glass Type "A"

ITEM	DESCRIPTION	DETAIL (32)
1	3/16" Annealed	3/16", .090", 3/16", 0.466"
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	1/8", .090", 1/8", 0.340"
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	1/8", .090", 1/8", 0.340"
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 INTALLATION FASTENERS TYPES.

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

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	Draw Class: NOA APPROVAL	Part Class:
Drawn By: Larry Magee	Date Drawn: 12/12/02	Prod Category: IMPACT	Series/Model: FRENCH DOOR
	Scale: n.t.s.	Item:	Sheet: 2 OF 5
Reference Number:	Drawing Number: FD-2003	Revision Level: "C"	

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8501 NW 90th St.
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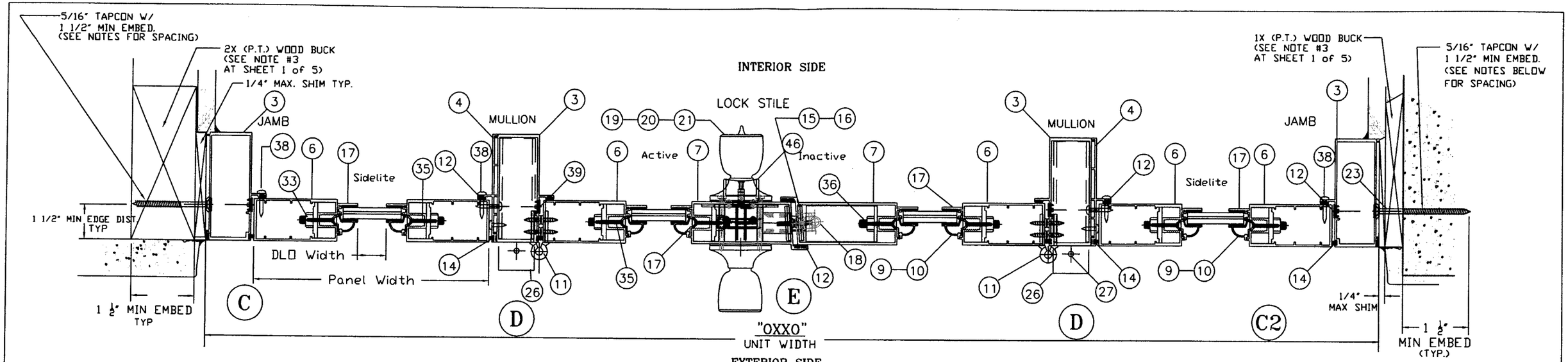
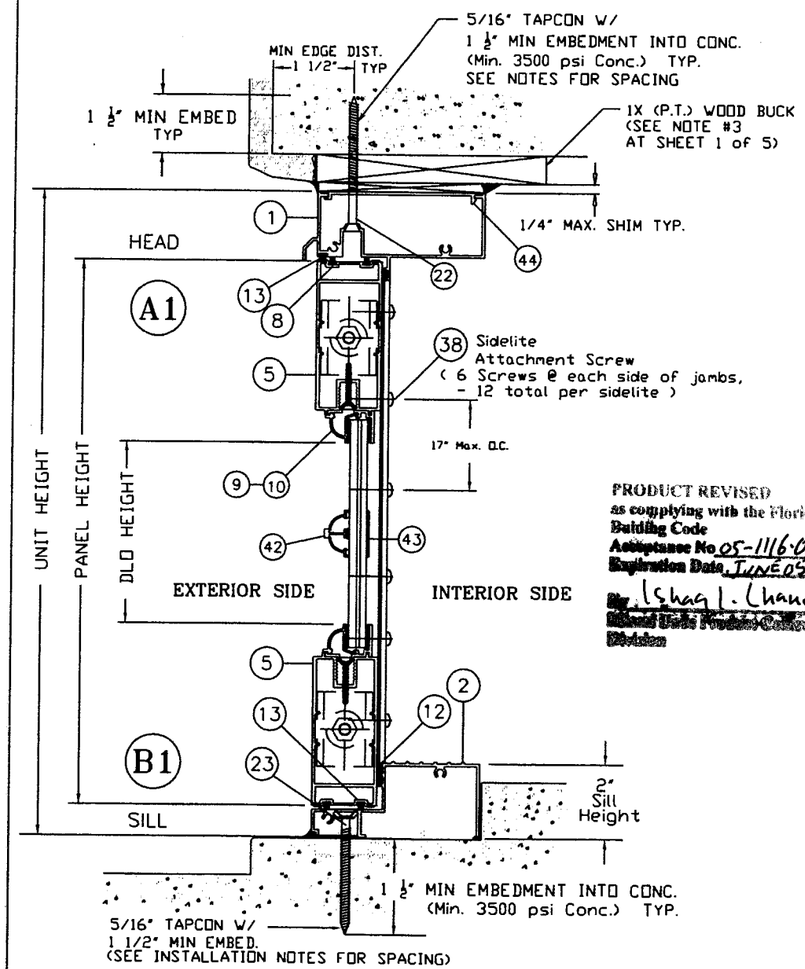
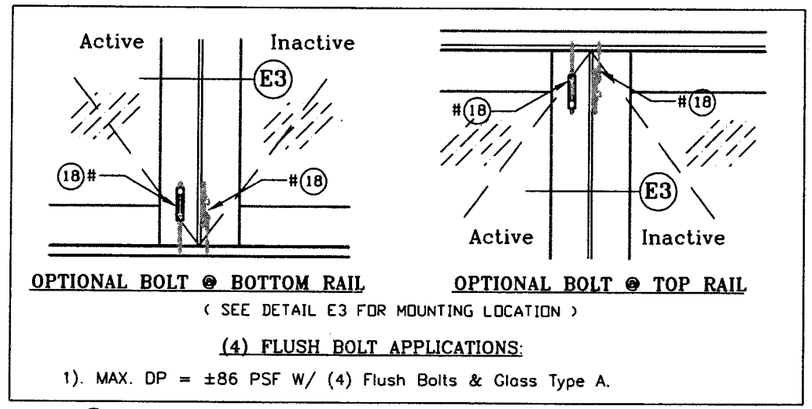
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

"La Porte" Impact" French Out-Swing Door







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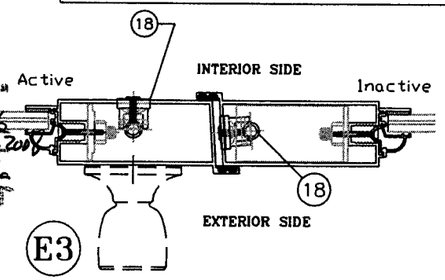
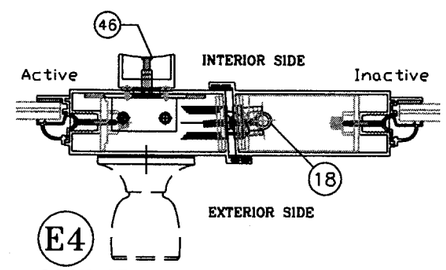


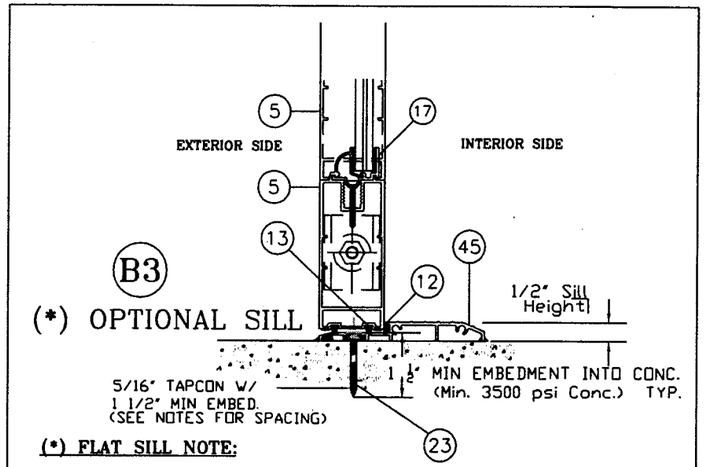
LOCK STILES WITH FLUSH BOLT



LOCK STILES WITH TWO-POINT LOCK & FLUSH BOLT

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.



(*) 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 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

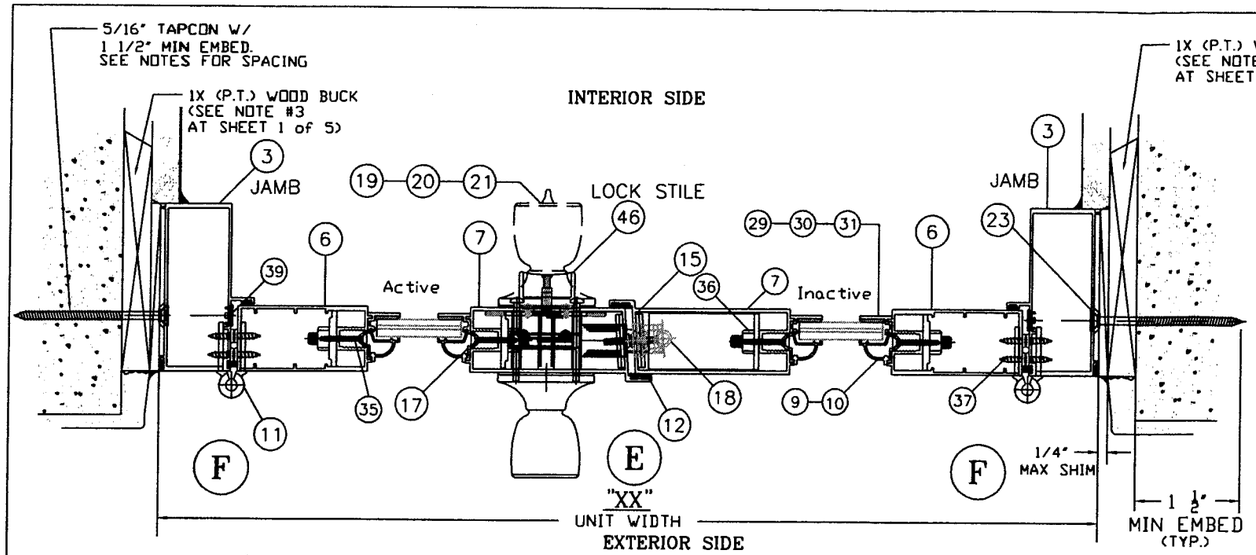
Checked By: Nelson Erazo	Date Checked: 11/01/05
Drawn By: Larry Magee	Date Drawn: 12/12/02
	Scale: n.t.s.

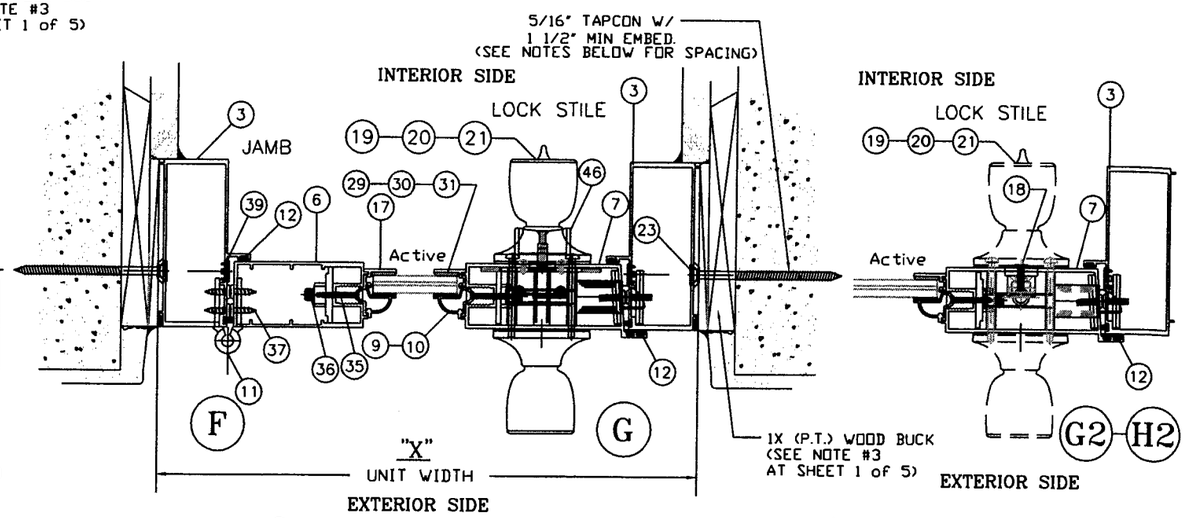
LAWSON INDUSTRIES, INC.
8501 NW 90th St.
MEDLEY, FLORIDA 33166
(305) 696-8660
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

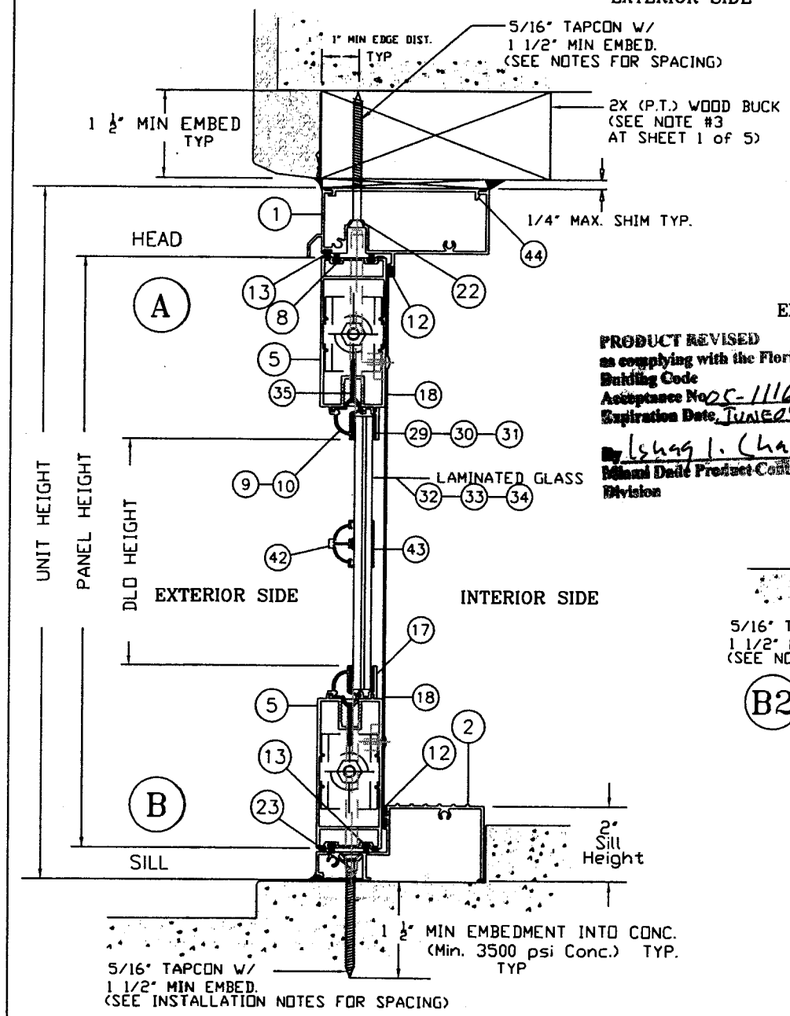
Draw Class:	Part Class:	Prod Category:	Series/Model:	Item:	Sheet:
NOA APPROVAL		IMPACT	FRENCH DOOR		3 OF 5

"La Porte" Impact" French Out-Swing Door

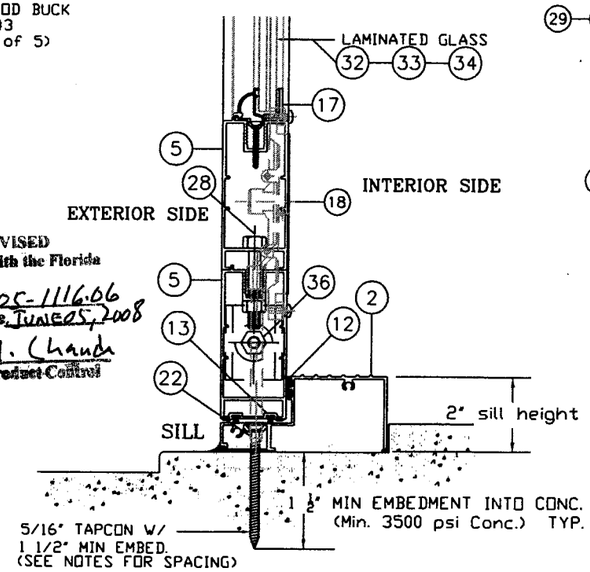
Reference Number:	Drawing Number:	Revision Level:
	FD-2003	"C"



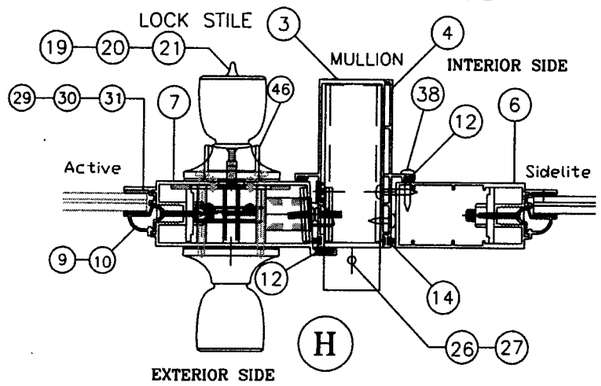


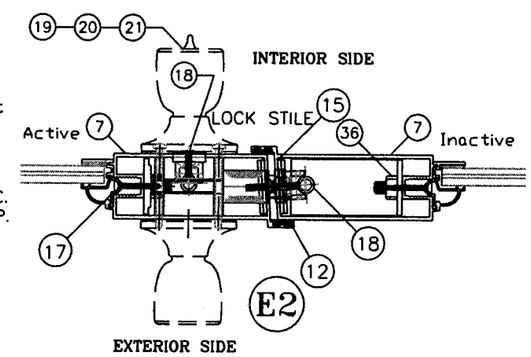


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 25-1116.06
Expiration Date June 25, 2008
By Ishag I. Chanda
Miami Dade Product Control
Division



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)

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 35225
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.

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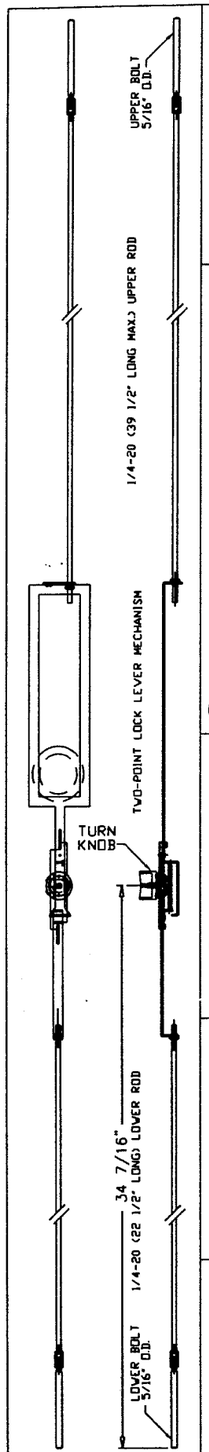
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

Draw Class:	Part Class:	Prod Category:	Series/Model:	Item:	Sheet:
NOA APPROVAL		IMPACT	FRENCH DOOR		4 OF 5

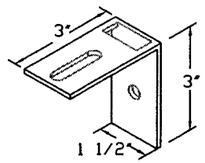
"La Porte" Impact" French Out-Swing Door

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

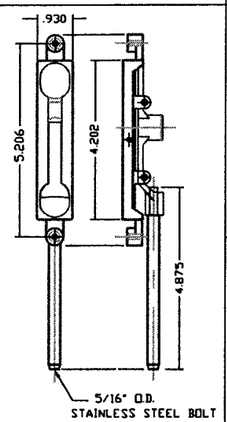


OPTIONAL TWO-POINT LOCK (+/- 76.0 psf DP)

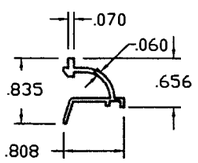
(46) FLUSH BOLT #HC-050



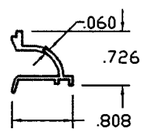
(47) FLUSH BOLT ANGLE GUIDE #FD-627-1



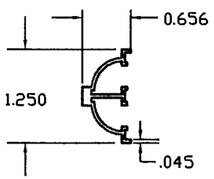
(18) FLUSH BOLT #HC-001



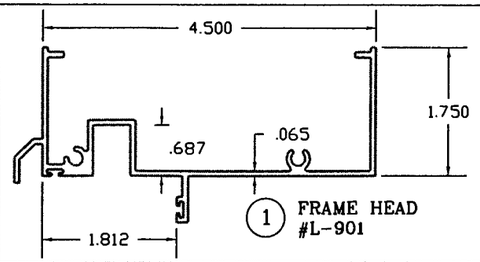
(9) QUARTER ROUND (1/4") BEAD #L-911



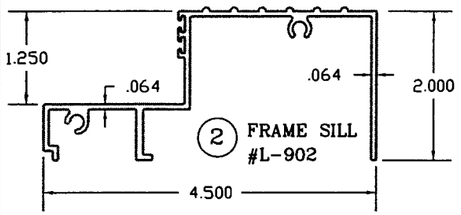
(10) QUARTER ROUND (3/8") BEAD #L-912



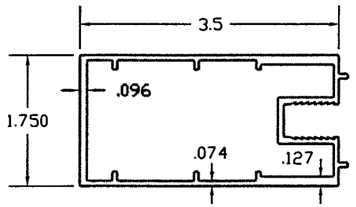
(42) HALF ROUND FALSE MUNTIN #L-913



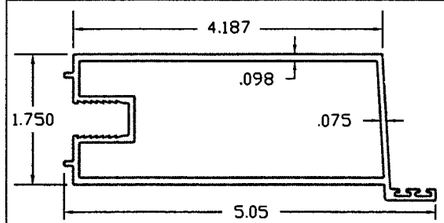
(1) FRAME HEAD #L-901



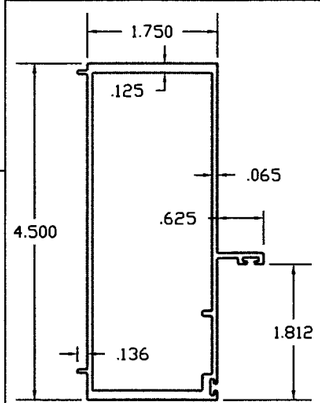
(2) FRAME SILL #L-902



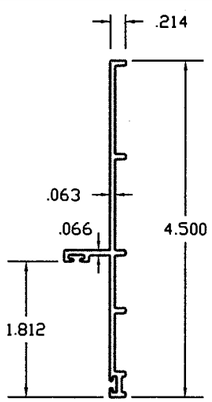
(6) PANEL HINGE STILE #L-907



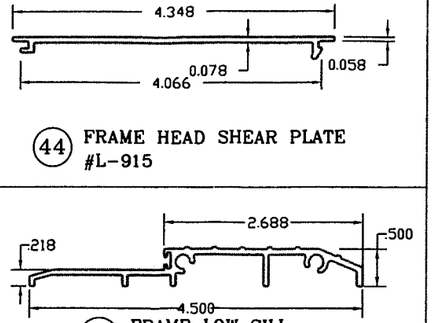
(7) PANEL LOCK STILE #L-905



(3) FRAME JAMB #L-903



(4) JAMB ADAPTER #L-904

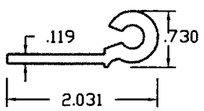


(44) FRAME HEAD SHEAR PLATE #L-915

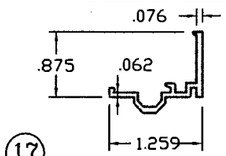
(45) FRAME LOW SILL #L-916

(*) NOTE:

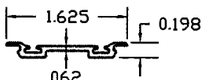
REFER TO DETAIL "B3" AT SHEET # 3 OF 4 FOR ADDITIONAL NOTES AND LIMITATIONS.



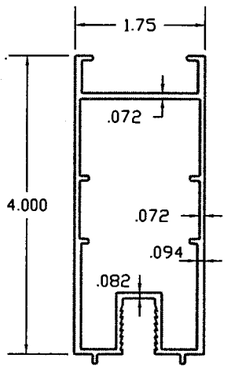
(11) HINGE LEAF #L-908



(17) GLAZING ADAPTER #L-910



(8) RAIL ADAPTER #L-909



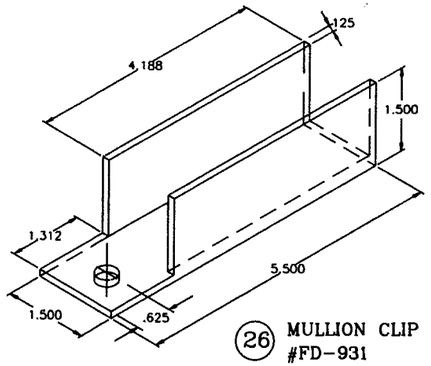
(5) PANEL TOP & BOTTOM RAIL #L-906

NOTE:

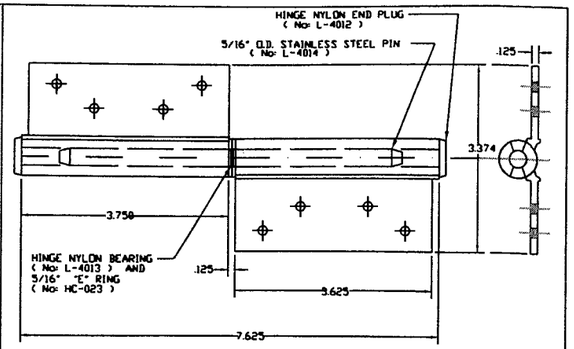
1. ALL DIMENSIONS SPECIFIED ARE IN INCHES
2. SEE ELEVATION AT SHEET 1 OF 5 FOR ANCHOR O.C. MAX. SPACING AND LOCATIONS

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 05-1116.06 Expiration Date June 15, 2008

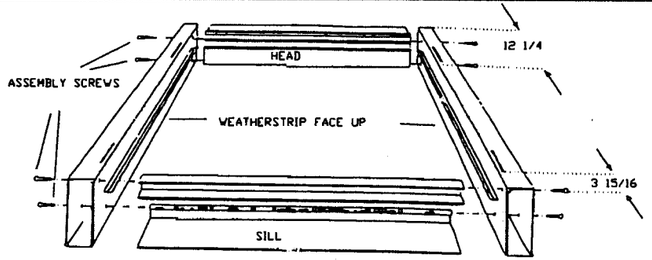
By Ishaq I. Khanda
Miami Dade Product Control Division



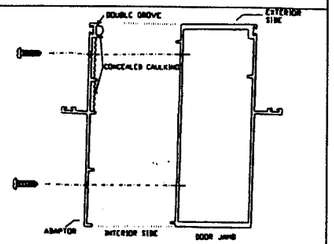
(26) MULLION CLIP #FD-931



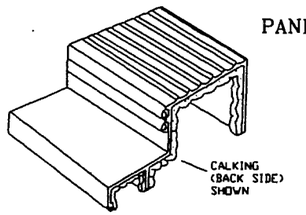
(11) HINGE ASSEMBLY DETAIL #FD-624-2



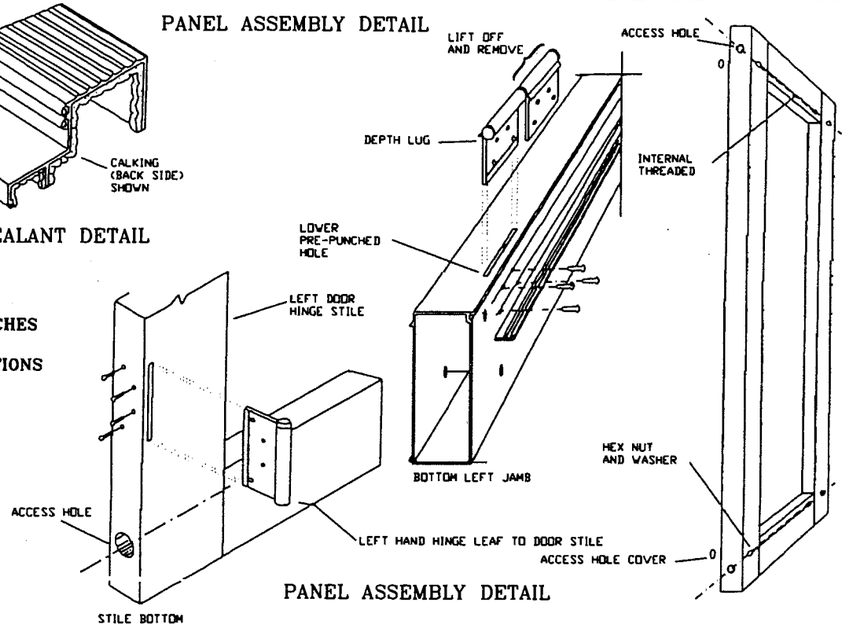
PANEL ASSEMBLY DETAIL



SIDELITE ATTACHMENT DETAIL



SILL SEALANT DETAIL



PANEL ASSEMBLY DETAIL

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

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: 1/2	Part Number:	Drawing Number: FD-2003	Revision Level: "C"

LAWSON INDUSTRIES, INC.

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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 5

"La Porte" Impact" French Out-Swing Door