



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

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

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 Rev H**, titled "La Porte-Impact French Out-Swing Door", sheets 01 through 06 of 06, prepared by the manufacturer, dated 12/12/02 and last revised on AUG 03, 2020, signed and sealed by Thomas J. Sotos, P. E., bearing the Miami-Dade County Product Control Section Revision 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

Limitations:

1. See Design Pressure (DP) charts VS door sizes and glazing in sheet **2**. See lock option VS DP in sheet **3**.
2. See glazing details in sheet **5**. For the glazing detail #2 (The 1/8 temp lite is oriented at exterior side in insulated laminated glass make-up).
3. Applicable door egress requirement to be reviewed by Building official

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

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

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 #18-0503.06** and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P. E.**

Ishaq I. Chanda

MIAMI-DADE COUNTY
APPROVED

NOA No. 20-0901.11
Expiration Date: June 05, 2023
Approval Date: December 17, 2020
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

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 "G", dated 04/15/15, 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)

Ishaq I. Chanda

Ishaq I. Chanda, P. E.
Product Control Unit Supervisor
NOA No. 20-0901.11
Expiration Date: June 05, 2023
Approval Date: December 17, 2020

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. **14-0916.10** issued to **Kuraray America, Inc.** for their "**Kuraray PVB Glass Interlayer**", expiring on 12/11/16.
2. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**Kuraray SentryGlas® Interlayer**", expiring on 01/14/17.
3. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/19/14, expiring on 12/11/18.

F. STATEMENTS

1. Statement letter of conformance to, no financial interest and compliance with the **FBC 5th Edition (2014)**, dated 09/02/14, signed and sealed by Thomas J. Sotos, P. E.
2. 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)

Ishaq I. Chanda

Ishaq I. Chanda, P. E.
Product Control Unit Supervisor
NOA No. 20-0901,11
Expiration Date: June 05, 2023
Approval Date: December 17, 2020

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. **13-0328.11**, issued to Lawson Industries, Inc. for their Series "**La Porte 8'-0" Outswing Aluminum French Doors – L.M.I.**", approved on 06/06/13 and expiring on 06/05/18.

2. New Evidence submitted.

A. DRAWINGS

1. Drawing No. **FD-2003 Rev G**, titled "La Porte-Impact French Out-Swing Door", sheets 01 through 06 of 06, prepared by the manufacturer, dated 12/12/02 and last revised on Nov 21, 2017, signed and sealed by Thomas J. Sotos, P. E.

Note: This revision consists of editorial changes of FBC 17 (6th Edition) code compliance and update of glazing interlayer.

B. Test

1. None.

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

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

Ishaq I. Chanda

Ishaq I. Chanda, P. E.
Product Control Unit Supervisor
NOA No. 20-0901.11
Expiration Date: June 05, 2023
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to Kuraray America, Inc. (Former E.I. DuPont DeNemours) for the “**Sentry Glass ® clear & white interlayer**”, expiring on 07/04/18.
2. Notice of Acceptance No. **16-1117.01** issued to Kuraray America, Inc. for their “**Trosifol ® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/19.

F. STATEMENTS

1. Statement letter of conformance to FBC 2017 (6th Edition) and “No financial interest” dated 11/17/17, prepared by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.

G. OTHER

1. This NOA revises # **14-0908.07**, expiring 06/05/18.

3. Evidence submitted in previous NOA.

A. DRAWINGS

1. Drawing No. **FD-2003 Rev G**, titled “La Porte–Impact French Out–Swing Door”, sheets 01 through 06 of 06, prepared by the manufacturer, dated 12/12/02 and last revised on Nov 21, 2017, signed and sealed by Thomas J. Sotos, P. E.
Note: This revision consists of “No change”.

B. Test

1. None.

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS (submitted under file #17-1212.09)

1. Statement letter of conformance to FBC 2017 (6th Edition) and “No financial interest” dated 11/17/17, prepared by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.
2. Lab compliance as part of the test report.

G. OTHER

1. This NOA renews NOA #**17-1212.09**, expiring 06/05/23.

Ishaq I. Chanda

Ishaq I. Chanda, P. E.
Product Control Unit Supervisor
NOA No. 20-0901,11

Expiration Date: June 05, 2023
Approval Date: December 17, 2020

Lawson Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New Evidence submitted.

A. DRAWINGS

1. Drawing No. **FD-2003 Rev H**, titled “La Porte–Impact French Out–Swing Door”, sheets 01 through 06 of 06, prepared by the manufacturer, dated 12/12/02 and last revised on AUG 03, 2020, signed and sealed by Thomas J. Sotos, P. E.
Note: This revision consists of FBC 2020 update note.

B. Test

1. None.

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. (Former E.I. DuPont DE Nemours) for the “**Sentry Glass ® clear & white interlayer**”, expiring on 07/04/23.
2. Notice of Acceptance No. **19-0305.02** issued to Kuraray America., Inc. for their “**Trosifol ® Ultraclear, Clear and Color PVB Glass Interlayers**”, expiring on 07/08/24.

F. STATEMENTS

1. Statement letter of conformance to FBC 2020 (7th Edition) and “No financial interest” dated 08/03/20, prepared by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.
2. Lab compliance as part of the test report.

G. OTHER

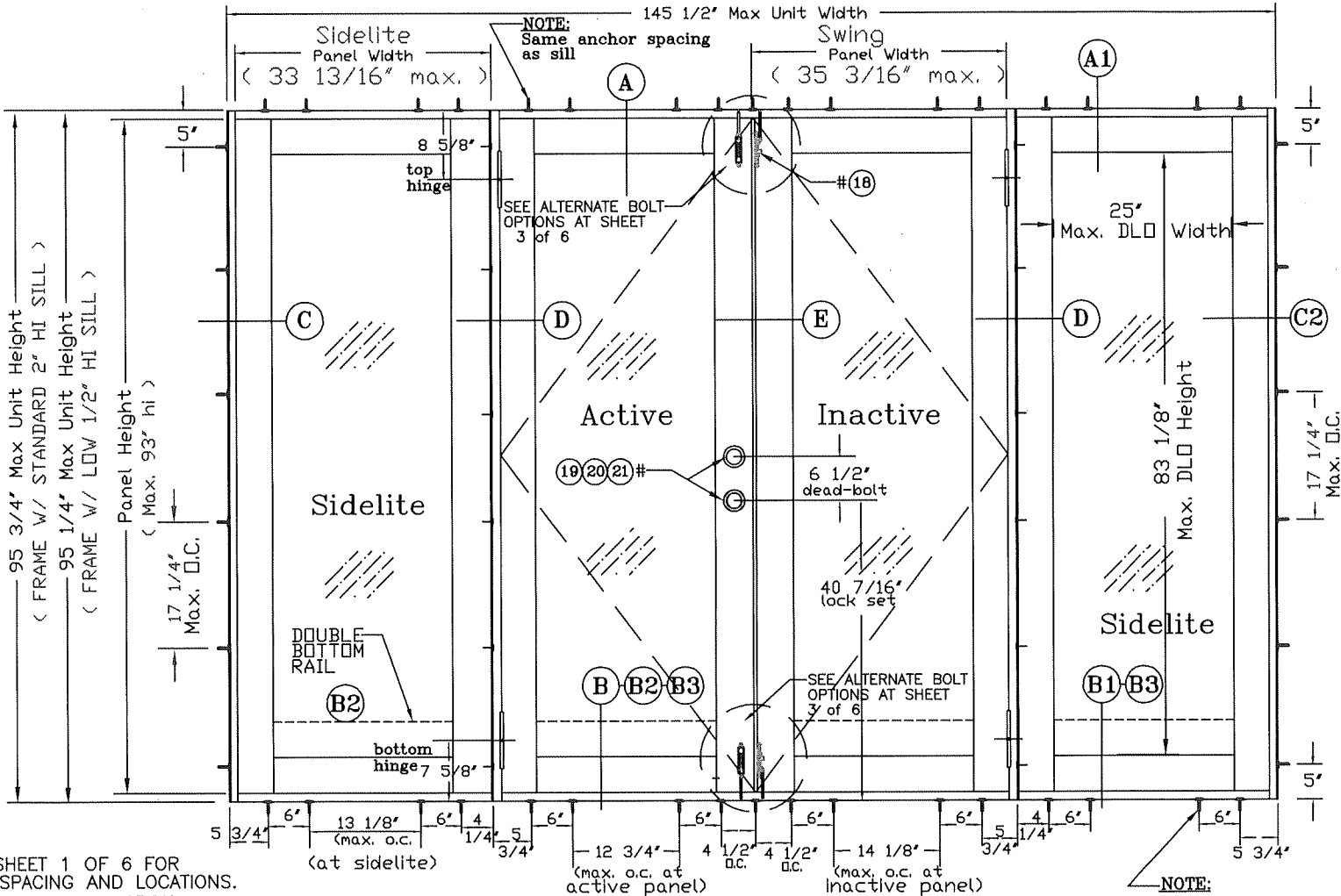
1. This NOA revises NOA #17-1212.09 and updates to FBC 2020 (7th Edition), expiring 06/05/23.

Ishaq I. Chanda

Ishaq I. Chanda, P. E.
Product Control Unit Supervisor
NOA No. 20-0901,11
Expiration Date: June 05, 2023
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| IMPACT FRENCH OUT-SWING DOOR 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. | Bulk 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 | (See Notes at sheet 4 of 6) |
| 23 | * | FS-035 | AS REQ'D. | Frame Install. Screw- Jamb/Sill | (See Notes at sheet 4 of 6) |
| 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 Bottom Mount Adapter | NYLON ADAPTER |

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0901.11
Expiration Date 06/05/2023
By Ishag I. Chande
Miami-Dade Product Control



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 1 OF 6 FOR MAX. ANCHOR SPACING
- 9). ALL DIMENSIONS SPECIFIED ARE IN INCHES
- 10). NO HURRICANE SHUTTERS ARE REQUIRED

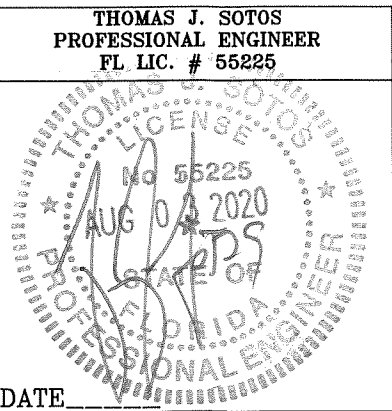
"OXXO" EXTERIOR ELEVATION

NOTES:

- 1). THIS PRODUCT IS DESIGNED AS PER FLORIDA BUILDING CODE (2017-6th EDITION & 2020 - 7th EDITION).
- 2). GLASS MEETS REQUIREMENTS OF ASTM-E1300 AS PER CHAPTER 24 OF FBC CODE.
- 3). 1X OR 2X 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-passive) at Inactive



| | |
|--|--|
| Revision Notes: | |
| C) Revised to comply w/ FBC2007 & added Insulated Glass 01/22/10 | |
| D) Ashland Multi-Point Lock 01/27/11 | |
| E) Revised to comply w/ 2010 FBC | |
| F) Revised to comply w/ 2014 FBC | |
| G) Revised to comply w/ 2017 FBC | |
| H) Revised to comply w/ 2020 FBC | |

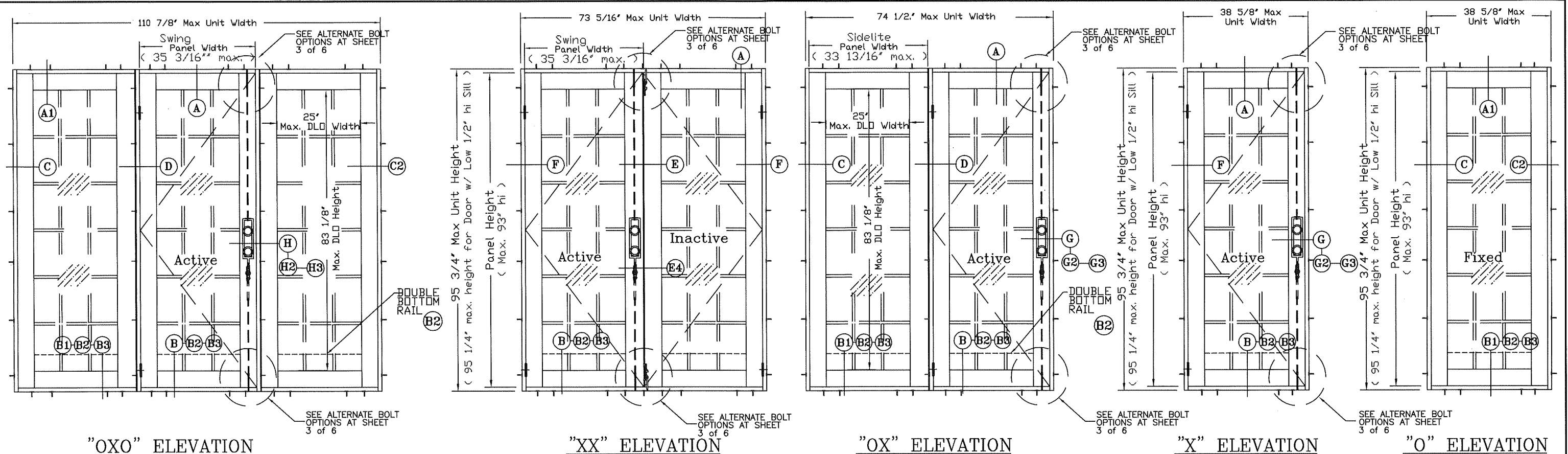
| | |
|--------------------------|------------------------|
| Revised By: Nelson Erazo | Date Checked: 11/01/17 |
| Drawn By: Nelson Erazo | Date Drawn: 08/17/20 |
| Scale: n.t.s. | |

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: | FD-2003 | Revision Level: | H | |



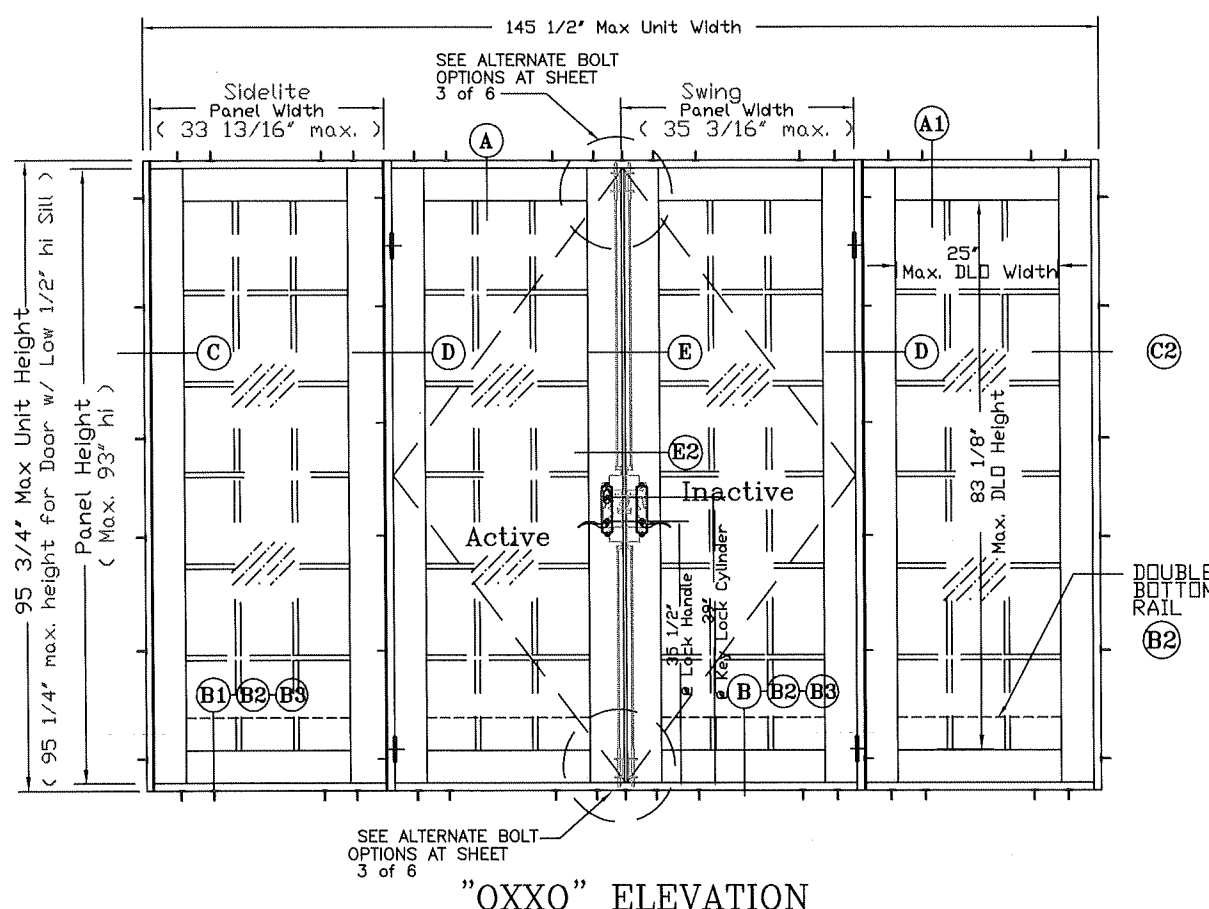
APPROVED CONFIGURATIONS

- 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.

PRODUCT REVISED
 as complying with the Florida Building Code
 NOA-No. 20-0901.11
 Expiration Date 06/05/2023
 By Ishag I. Chande
 Miami-Dade Product Control

| "LaPorte" IMPACT FRENCH OUTSWING DOOR - DESIGN LOAD CHART | | | | | | | |
|---|----------------------------------|--|--|--------------------------------|--------------------------------|--------------------------------|--|
| PANEL WIDTH/HEIGHT ACTUAL SIZE (INCHES) | NUMBER OF ANCHORS /JAMB | DP GLASS TYPE "A" & "E" +/- (PSF) | DP (PSF) | | | | |
| | | | PANEL WIDTH ACTUAL SIZE (INCHES) | GLASS TYPE "B" +/- (PSF) | GLASS TYPE "C" +/- (PSF) | GLASS TYPE "D" +/- (PSF) | |
| WIDTH * HEIGHT * | | | WIDTH * | | | | |
| 10 1/4' 77' | 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 | +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.



THOMAS J. SOTOS
 PROFESSIONAL ENGINEER
 FL LIC. # 55225

DATE

| | |
|--|------------------------|
| Revision Notes: | |
| C) Revised to comply w/ FBC2007 & added Insulated Glass 01/22/10 | |
| D) Ashland Multi-Point Lock 01/27/11 | |
| E) Revised to comply w/ 2010 FBC | |
| F) Revised to comply w/ 2014 FBC | |
| G) Revised to comply w/ 2017 FBC | |
| H) Revised to comply w/ 2020 FBC | |
| Revised By: Nelson Erazo | Date Checked: 11/01/17 |
| Drawn By: Nelson Erazo | Date Drawn: 08/17/20 |
| | Scale: n.t.s. |

LAWSON INDUSTRIES, INC.

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

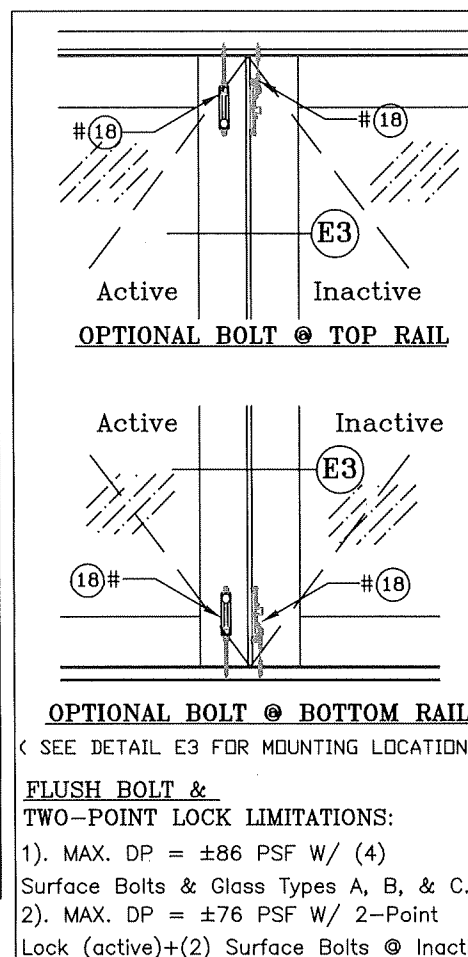
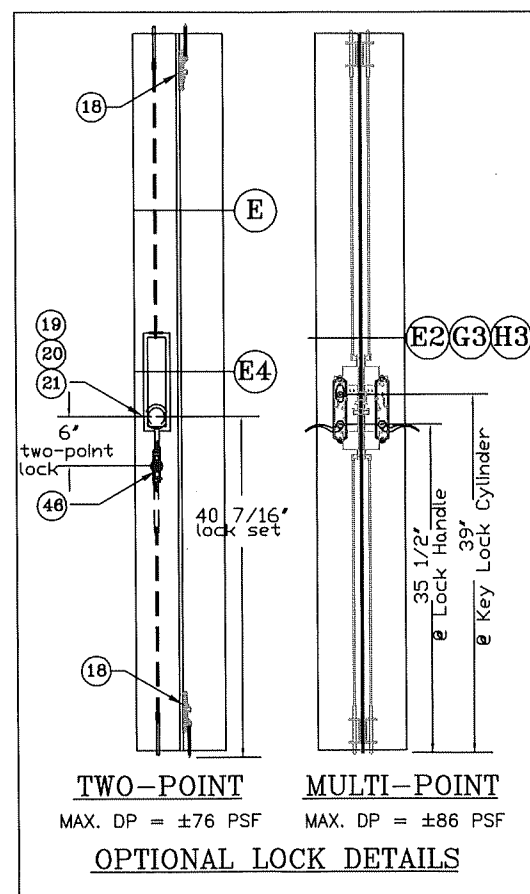
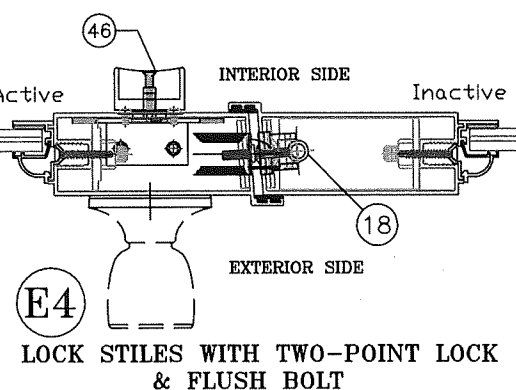
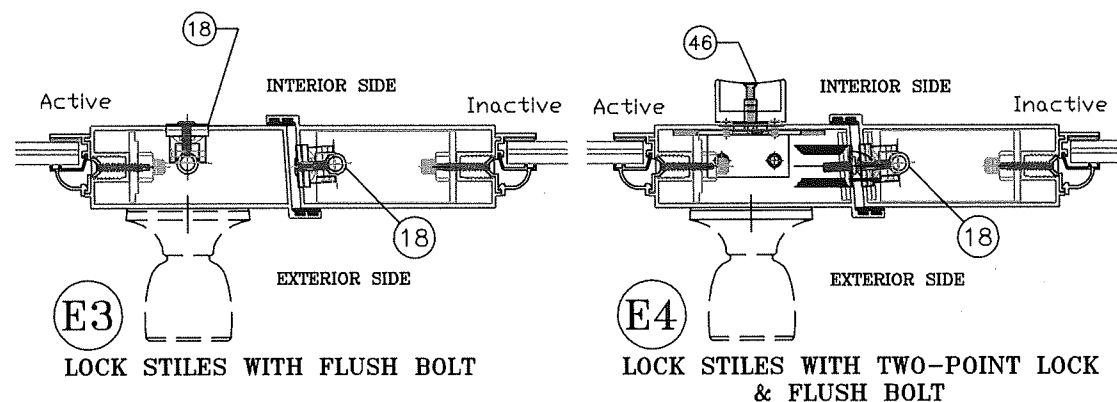
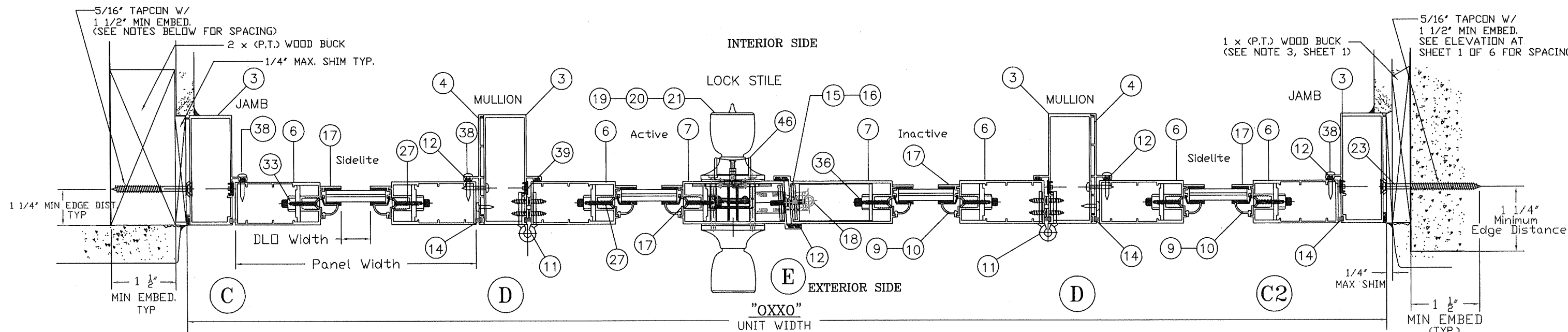
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

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

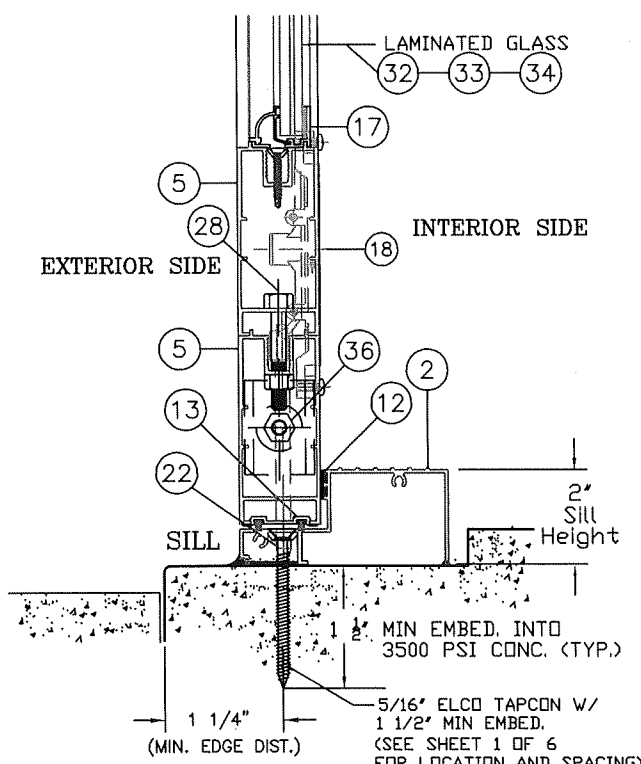
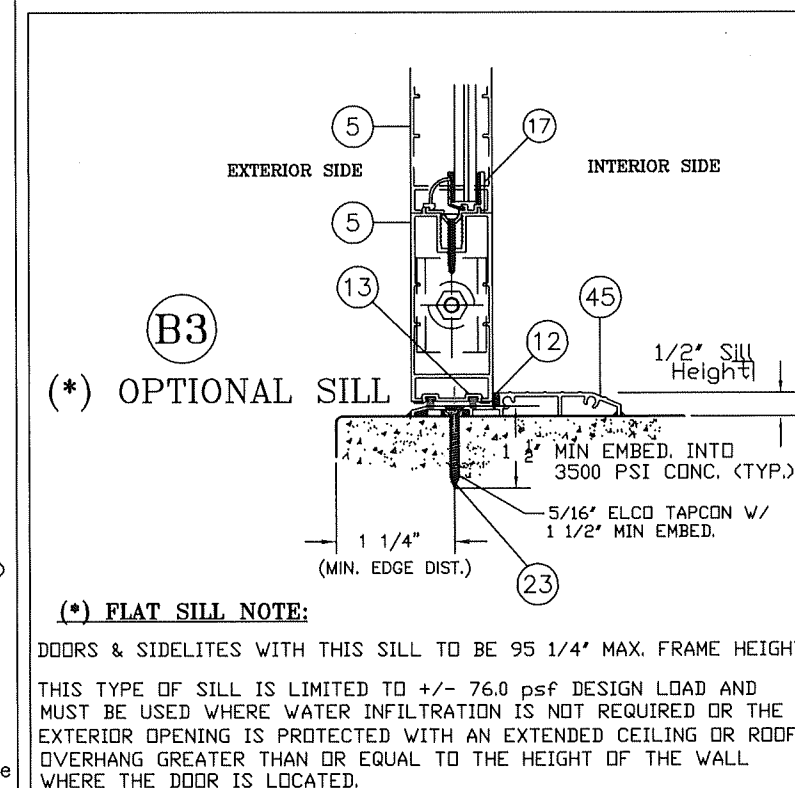
"La Porte" Impact" French Out-Swing Door

| | | |
|-------------------|-------------------------|-------------------|
| Reference Number: | Drawing Number: FD-2003 | Revision Level: H |
|-------------------|-------------------------|-------------------|

- 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.



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 REVISED
as complying with the Florida Building Code
NOA-No. 20-0901.11
Expiration Date 06/05/2023
By Ishag I. Chank
Miami-Dade Product Control

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

Revision Notes:
C) Revised to comply w/ FBC2007 & added Insulated Glass 01/22/10
D) Ashland Multi-Point Lock 01/27/11
E) Revised to comply w/ 2010 FBC
F) Revised to comply w/ 2014 FBC
G) Revised to comply w/ 2017 FBC
H) Revised to comply w/ 2020 FBC

Revised By: Nelson Erazo Date Checked: 11/01/17
Drawn By: Nelson Erazo Date Drawn: 08/17/20
Scale: n.t.s.

LAWSON INDUSTRIES, INC.

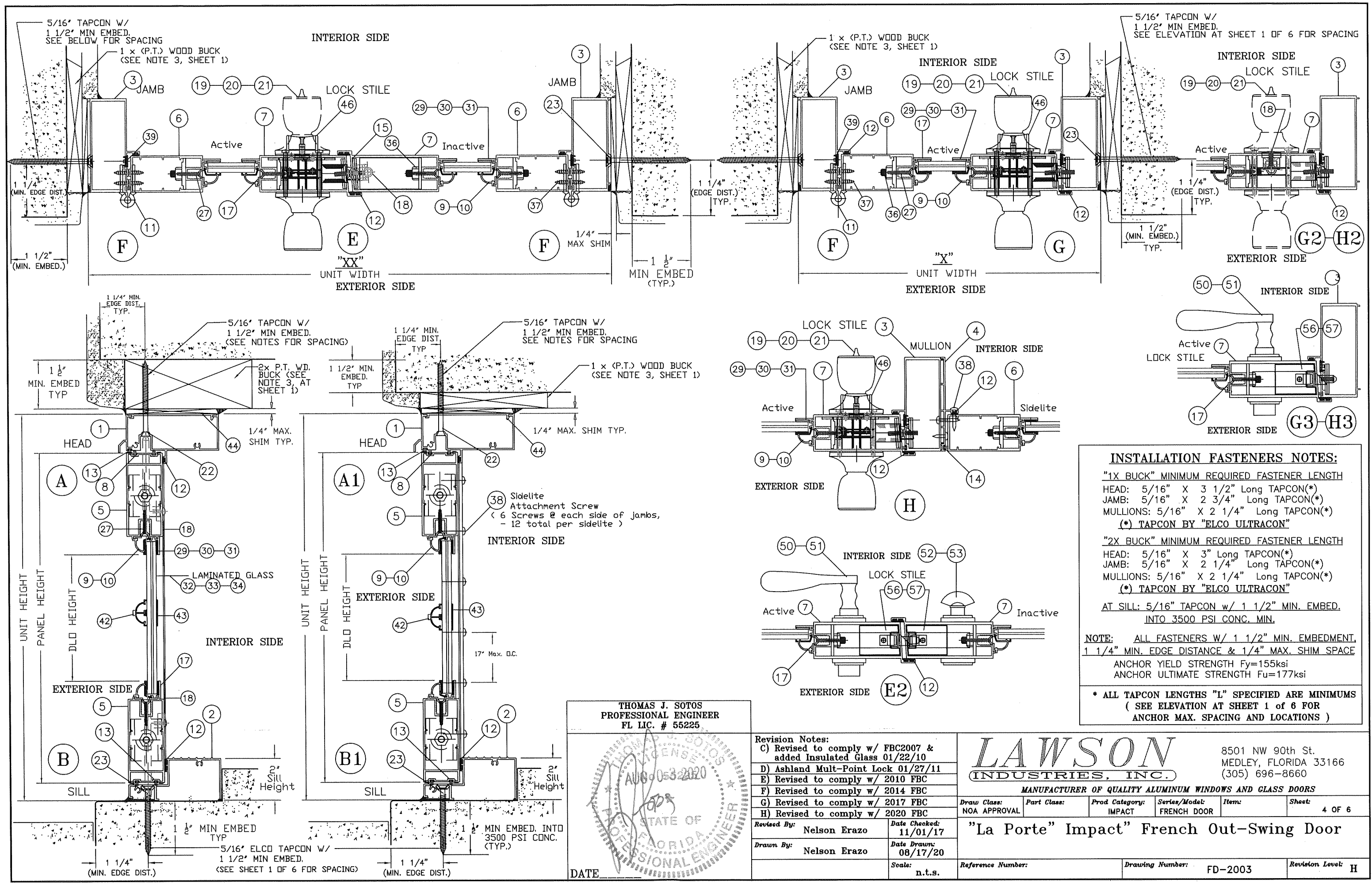
8501 NW 90th St.
MEDLEY, FLORIDA 33166
(305) 696-8660

MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

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

"La Porte" Impact" French Out-Swing Door

| | | |
|-------------------|-------------------------|-------------------|
| Reference Number: | Drawing Number: FD-2003 | Revision Level: H |
|-------------------|-------------------------|-------------------|



INSTALLATION FASTENERS NOTES:

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

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

AT SILL: 5/16" TAPCON w/ 1 1/2" MIN. EMBED.
INTO 3500 PSI CONC. MIN.

NOTE: ALL FASTENERS W/ 1 1/2" MIN. EMBEDMENT,
1 1/4" MIN. EDGE DISTANCE & 1/4" MAX. SHIM SPACE
ANCHOR YIELD STRENGTH Fy=155ksi
ANCHOR ULTIMATE STRENGTH Fu=177ksi

* 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

AUG 05 2020

DATE

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| Revised By: | Nelson Erazo |
| Date Checked: | 11/01/17 |
| Drawn By: | Nelson Erazo |
| Date Drawn: | 08/17/20 |
| Scale: | n.t.s. |

LAWSON
INDUSTRIES, INC.

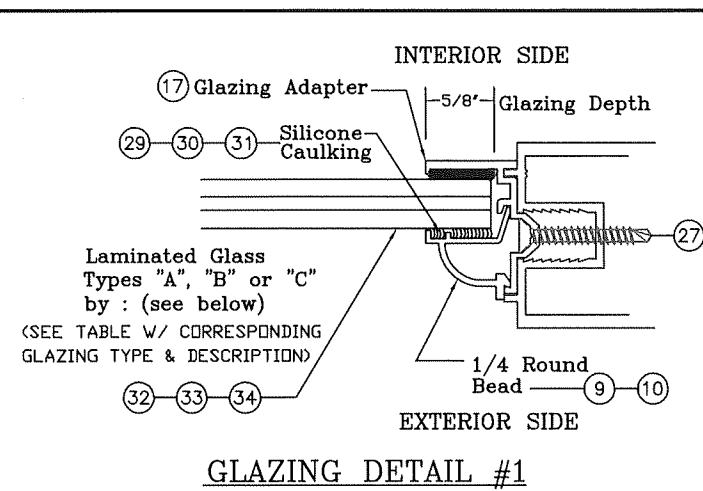
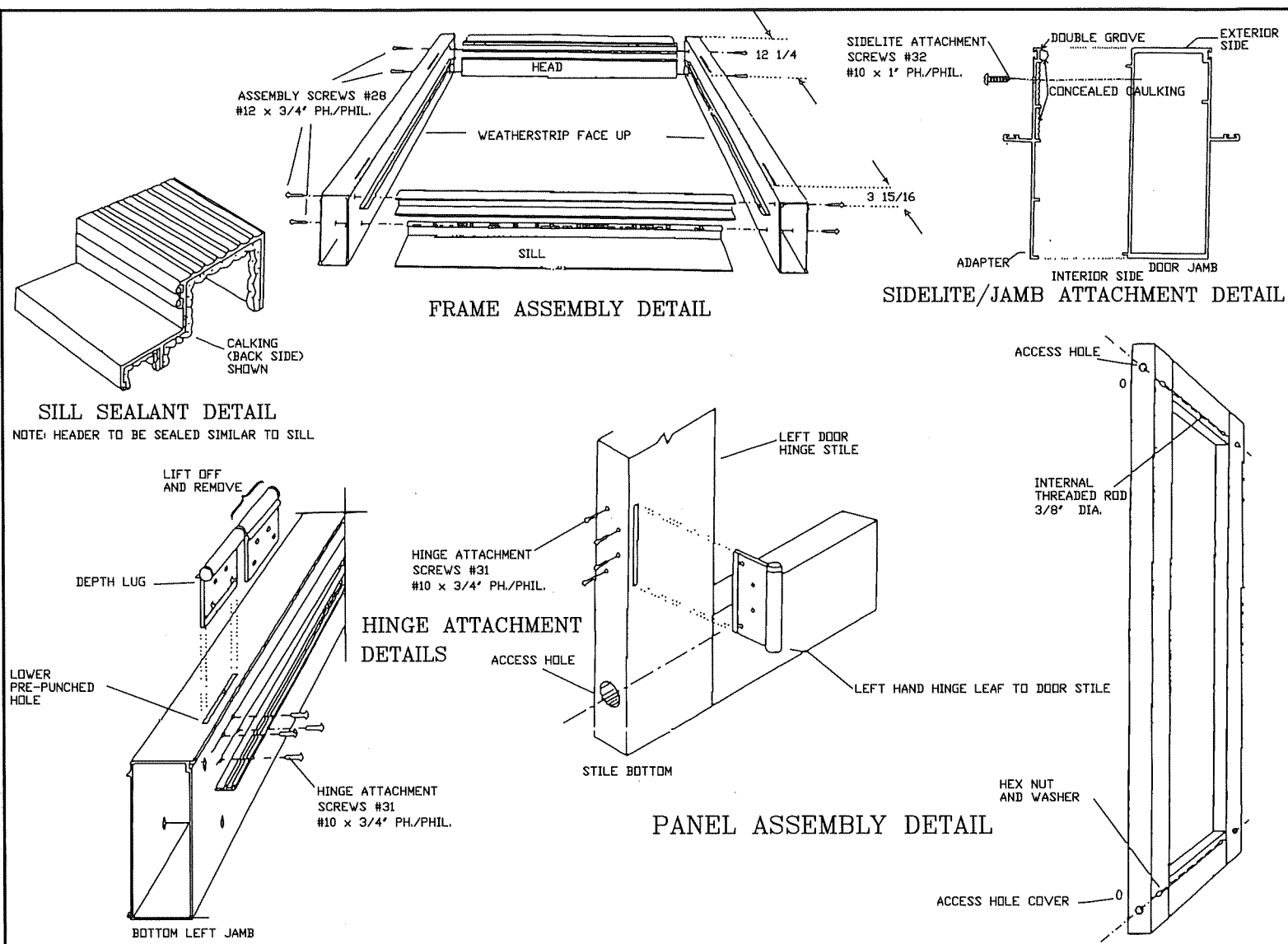
8501 NW 90th St.
MEDLEY, FLORIDA 33166
(305) 696-8660

MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

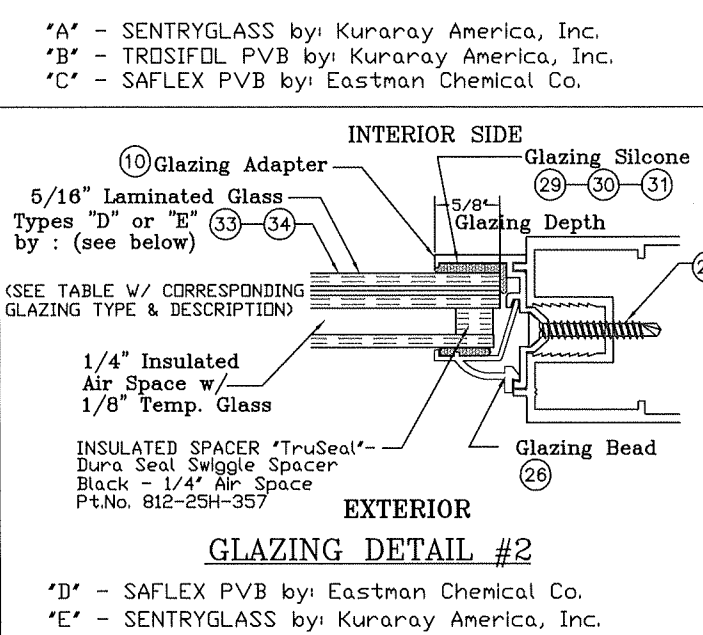
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| Draw Class: | NOA APPROVAL | Part Class: | Prod Category: | Series/Model: | Item: | Sheet: |
| | | | IMPACT | FRENCH DOOR | | 4 OF 6 |

"La Porte" Impact" French Out-Swing Door

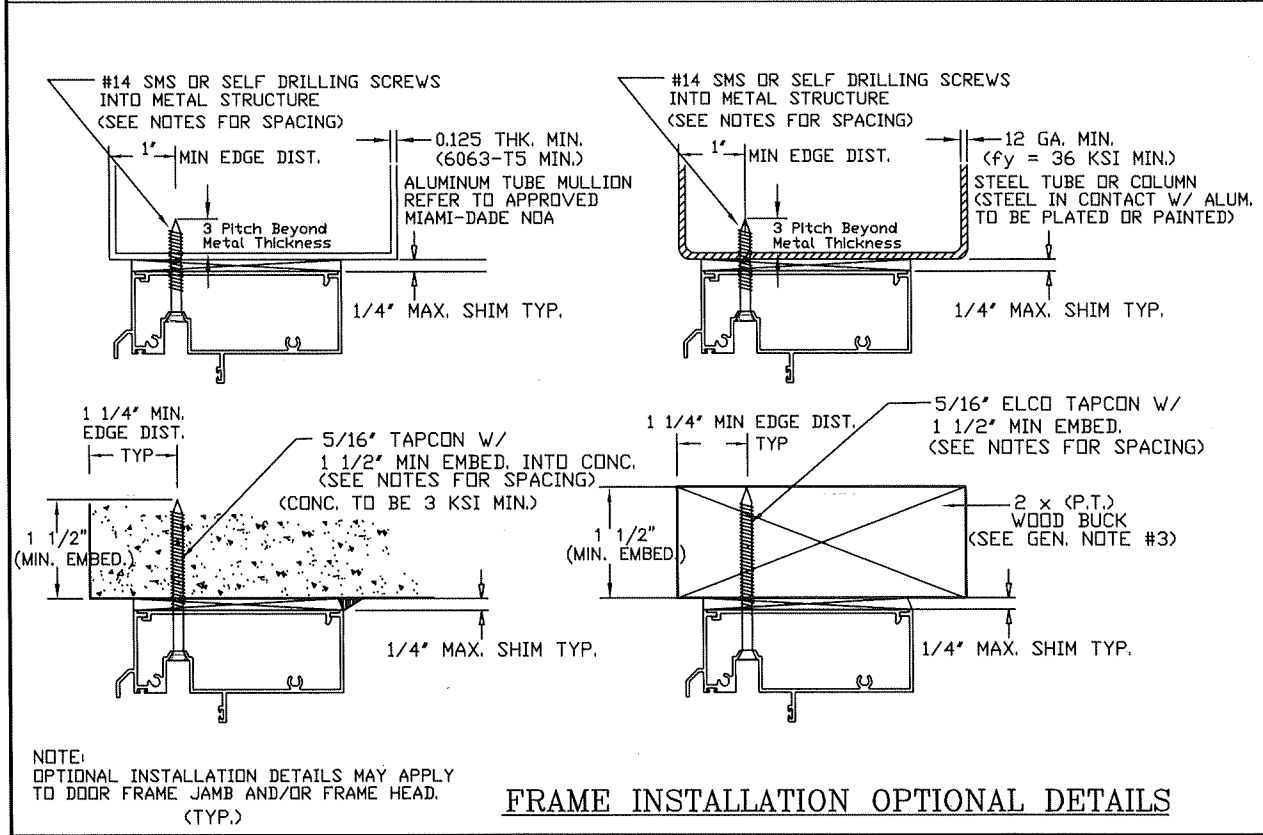
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|-------------------|-----------------|-----------------|
| Reference Number: | Drawing Number: | Revision Level: |
| | FD-2003 | H |



| GLAZING TYPE & DESCRIPTIONS | | |
|---|-------------------------------|---|
| .466" O/A Laminated Glass by Dupont - Glass Type "A" | | |
| ITEM | DESCRIPTION | DETAIL 32 |
| 1 | 3/16" Annealed | |
| 2 | .090" SentryGlass 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" TROSIFOL 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 | |



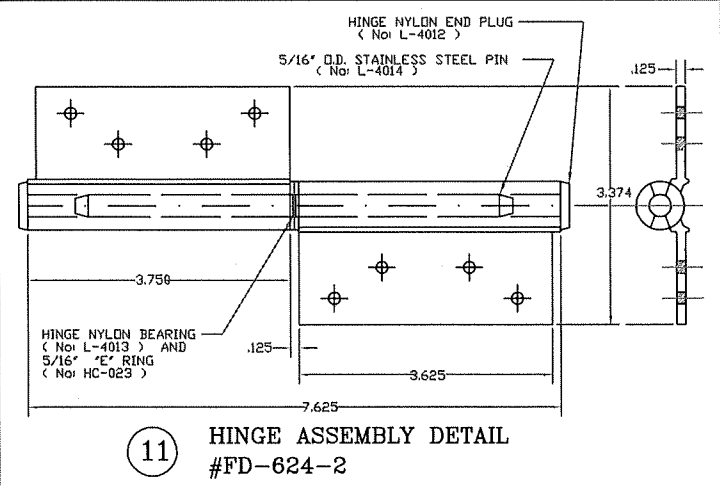
| GLAZING TYPE & DESCRIPTIONS | | |
|---|------------------------------|--------|
| .340" O/A Laminated Glass by Solutia - Glass Type "D" | | |
| ITEM | DESCRIPTION | DETAIL |
| 1 | 1/8" Heat-Strengthened Glass | |
| 2 | .090" Saflex PVB Interlayer | |
| 3 | 1/8" Heat-Strengthened Glass | |
| 4 | 1/4"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



PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0901.11
Expiration Date 06/05/2023
By Ishag I. Chank
Miami-Dade Product Control

THOMAS J. SOTOS
PROFESSIONAL ENGINEER
FL LIC. # 55225

DATE



Revision Notes:

C) Revised to comply w/ FBC2007 & added Insulated Glass 01/22/10

D) Ashland Multi-Point Lock 01/27/11

E) Revised to comply w/ 2010 FBC

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Revised By: Nelson Erazo Date Checked: 11/01/17

Drawn By: Nelson Erazo Date Drawn: 08/17/20

Scale: n.t.s.

LAWSON INDUSTRIES, INC.

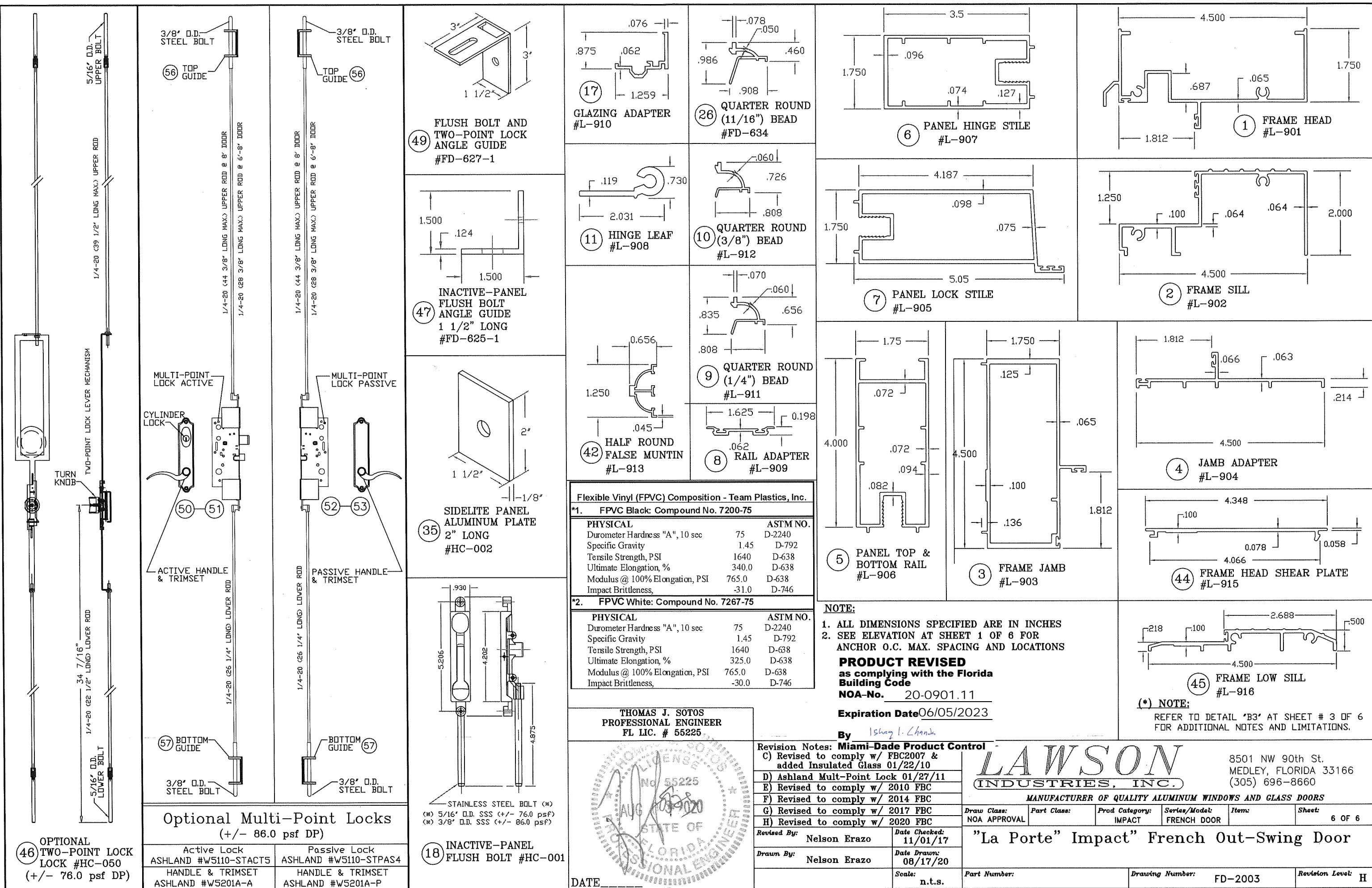
8501 NW 90th St.
MEDLEY, FLORIDA 33166
(305) 696-8660

MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

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

"La Porte" Impact" French Out-Swing Door

Part Number: Drawing Number: FD-2003 Revision Level: H



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 |

18 INACTIVE-PANEL FLUSH BOLT #HC-001

Flexible Vinyl (FPVC) Composition - Team Plastics, Inc.

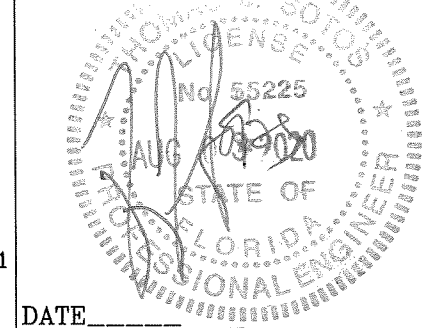
*1. FPVC Black: Compound No. 7200-75

| 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



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 REVISED
as complying with the Florida Building Code
NOA-No. 20-0901.11
Expiration Date 06/05/2023

By *Isaac I. Chanda*

Revision Notes: **Miami-Dade Product Control**

| | |
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MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS

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

"La Porte" Impact French Out-Swing Door

Part Number: Drawing Number: FD-2003 Revision Level: H

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