NOTICE OF ACCEPTANCE (NOA)

PGT Industries, Inc.
1070 Technology Drive,
Nokomis, Fl. 34275

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 “FD–750” Outswing Aluminum French Door w/ Sidelites – L.M.I.

APPROVAL DOCUMENT: Drawing No. 8000–11, titled “Alum. French Door & Side Lites, Impact”, sheets 1 through 12 of 12, dated 12/23/04, with revision "G" dated 04/10/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, 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

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.

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 cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number precede by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 16-0629.16 and consists of this page 1 and evidence pages E–1, E–2, E–3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by Jorge M. Plasencia, P. E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Manufacturer's die drawings and sections.
   (Submitted under previous NOA No. 09–1028.10)
2. Drawing No. 8000–11, titled “Alum. French Door & Side Lites. Impact”, sheets 1 through 12 of 12, dated 12/23/04, with revision "G" dated 04/10/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P. E.

B. TESTS
1. Reference Test report 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 Sliding Glass Doors (w/ PS, Super, Cardinal & Duraseal Spacers), prepared by Fenestration Testing Laboratory, Inc., Test Reports No(s) FTL-8717, FTL-8970 and FTL-8968, dated 02/15/16, 06/07/16 and 06/20/16, all signed & sealed by Idalmis Ortega, P.E.
   (Submitted under previous NOA No. 16-0629.16)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202–94
   3) Water Resistance Test, per FBC, TAS 202–94
   4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202–94
   Along with marked-up drawings and installation diagram of an aluminum sliding glass door using a low sill threshold, glazed with 7/16” laminated glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL–5941, dated 05/20/09, signed and sealed by Julio E. Gonzalez, P. E.
   (Submitted under previous NOA No. 09–1028.10)
3. 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, and TAS 202–94
   Along with marked-up drawings and installation diagram of an aluminum doors of OXXO configuration, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL–4921, dated 07/17/06, signed and sealed by Edmundo J. Largaespada, P. E.
   (Submitted under previous NOA No. 05–0419.03)

Jorge M. Plasencia, P. E.
Product Control Unit Supervisor
NOA No. 17-0504.04
Expiration Date: February 24, 2020
Approval Date: December 07, 2017
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (CONTINUED)

4. Test reports on: 1) Uniform Static Air Pressure Test, Loading 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
   4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202–94
   along with marked-up drawings and installation diagram of an aluminum doors of
   OXXXX configuration, prepared by Fenestration Testing Laboratory, Inc., Test Report
   No. FTL–4527, dated 02/10/05, signed and sealed by Edmundo J. Largaespada, P. E.  
   *(Submitted under previous NOA No. 05–0419.03)*

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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202–94
   along with marked-up drawings and installation diagram of an aluminum doors of
   OXXXX configuration, prepared by Fenestration Testing Laboratory, Inc., Test Reports
   No.’s FTL–4528, dated 02/14/05, FTL–4315, dated 09/13/04, both signed and sealed
   by Edmundo J. Largaespada, P. E. *(Submitted under previous NOA No. 05–0419.03)*

6. 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 an aluminum doors of
   XXXX configuration, prepared by Fenestration Testing Laboratory, Inc., Test Reports
   No.’s FTL–4529, dated 02/14/05, FTL–4530, dated 02/14/05, FTL–4311, dated
   09/01/04, all signed and sealed by Edmundo J. Largaespada, P. E.  
   *(Submitted under previous NOA No. 05–0419.03)*

7. Test reports on: 1) Uniform Static Air Pressure Test, Loading 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 an aluminum outswing
   French door, prepared by Fenestration Testing Laboratory, Inc., Test Report No.
   FTL–4312, dated 09/13/04, signed and sealed by Edmundo J. Largaespada, P. E.  
   *(Submitted under previous NOA No. 05–0419.03)*

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 5th
   11/22/17, signed and sealed by A. Lynn Miller, P. E.

2. Glazing complies with ASTM E1300–04/09

[Signature]
Jorge M. Plasencia, P. E.
Product Control Unit Supervisor
NOA No. 17-0504.04
Expiration Date: February 24, 2020
Approval Date: December 07, 2017

E – 2
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their “Trosifol® UltraClear, Clear, and Color PVB Glass Interlayers” dated 01/19/17, expiring on 07/08/19.
   2. Notice of Acceptance No. 17-0712.03 issued to Eastman Chemical Company (MA) for their “Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core” dated 09/07/17, expiring on 12/11/18.
   3. Notice of Acceptance No. 17-0712.04 issued to Eastman Chemical Company (MA) for their “Saflex HP Clear or Color Glass Interlayers” dated 09/07/17, expiring on 04/14/18.

F. STATEMENTS
   2. Statement letter of no financial interest, issued by manufacturer, dated 04/28/17, signed and sealed by A. Lynn Miller, P. E.
   3. Lab compliance as part of the above referenced Test Report No(s) FTL-8717, FTL-8970 and FTL-8968.
   (Submitted under previous NOA No. 16-0629.16)
   4. Test proposal No. 16-0152 dated 03/09/16 approved by RER.
   5. Laboratory compliance letter for Test Report No. FTL-5941, issued by Fenestration Testing Laboratory, Inc., dated 05/20/09, signed and sealed by Julio E. Gonzalez, P. E.
   (Submitted under previous NOA No. 09-1028.10)
   6. Proposal No. 08-1891 issued by Product Control, dated 01/26/09, signed by Ishaq Chanda, P. E.
   (Submitted under previous NOA No. 09-1028.10)
   7. Laboratory compliance letter for Test Reports No.’s FTL-4921, dated 07/17/06, FTL-4527, dated 02/10/05, FTL-4528, dated 02/14/05, FTL-4315, dated 09/13/04, FTL-4529, dated 02/14/05, FTL-4530, dated 02/14/05, FTL-4311, dated 09/01/04 and FTL-4312, dated 09/13/04, all issued by Fenestration Testing Laboratory, Inc., all signed and sealed by Edmundo J. Largaespada, P. E.
   (Submitted under previous NOA No. 05-0419.03)

[Signature]
Jorge M. Plasencia, P. E.
Product Control Unit Supervisor
NOA No. 17-0504.04
Expiration Date: February 24, 2020
Approval Date: December 07, 2017

E – 3
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHERS
1. Notice of Acceptance No. 16-0629.16, issued to PGT Industries for their Series "FD-750" Outswing Aluminum French Door w/Sidelites – I.M.I., approved on 07/28/16 and expiring on 02/24/20.

Jorge M. Plasencia, P. E.
Product Control Unit Supervisor
NOA No. 17-0504.04
Expiration Date: February 24, 2020
Approval Date: December 07, 2017

E - 4
SERIES 750 OUTSWING, IMPACT RESISTANT FRENCH DOOR AND SIDE LITE

1. GLAZING OPTIONS:
   A. 7/16" LAMI CONSISTING OF (1) LITE OF 3/16" ANNEALED GLASS AND (1) LITE OF 3/16" HEAT STRENGTHENED GLASS WITH AN .090" PVB INTERLAYER
   B. 7/16" LAMI CONSISTING OF (2) LITES OF 3/16" HEAT STRENGTHENED GLASS WITH AN .090" PVB INTERLAYER
   C. 7/16" LAMI CONSISTING OF (1) LITE OF 3/16" ANNEALED GLASS AND (1) LITE OF 3/16" HEAT STRENGTHENED GLASS WITH AN .075" INTERLAYER.
   D. 7/16" LAMI CONSISTING OF (2) LITES OF 3/16" HEAT STRENGTHENED GLASS WITH AN .075" INTERLAYER.
   E. 7/16" LAMI CONSISTING OF (1) LITE OF 3/16" TEMPERED GLASS OUTSIDE, 1/4" AIR SPACE AND (1) 7/16" LAMI GLASS ASSEMBLY INSIDE (3/16" A, .090" PVB, 3/16" HS).
   F. 7/16" LAMI CONSISTING OF (1) LITE OF 3/16" TEMPERED GLASS OUTSIDE, 1/4" AIR SPACE AND (1) 7/16" LAMI GLASS ASSEMBLY INSIDE (3/16" A, .090" PVB, 3/16" HS).
   G. 7/16" LAMI CONSISTING OF (1) LITE OF 3/16" TEMPERED GLASS OUTSIDE, 1/4" AIR SPACE AND (1) 7/16" LAMI GLASS ASSEMBLY INSIDE (3/16" A, .075" INTERLAYER, 3/16" HS).
   H. 7/16" LAMI CONSISTING OF (1) LITE OF 3/16" TEMPERED GLASS OUTSIDE, 1/4" AIR SPACE AND (1) 7/16" LAMI GLASS ASSEMBLY INSIDE (3/16" HS, .075" INTERLAYER, 3/16" HS).

2. DESIGN PRESSURES: TABLE 1, SHEET 3.
   A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E1300.
   B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E1300.
   C. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.

3. CONFIGURATIONS: X G XX XGX XXGX XXGX XXGX XXGX XXGX XXGX XXGX XXGX WHERE G REPRESENTS EITHER THE NARROW JAMB OR FULL JAMB SIDE LITE. ANY TWO ADJACENT X UNITS CAN BE EITHER SINGLE X DOORS OR A DOUBLE X DOOR. THE STANDARD OR THE LOW-RISE SILL, THE FRENCH DOOR ASSEMBLY BEAM IS USED TO ASSEMBLE X, XX, AND XG UNITS TO MAKE THE ABOVE CONFIGURATIONS.

4. ANCHORAGE: THE 53 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. FOR ANCHORAGE REQUIREMENTS SEE SHEETS 10 THROUGH 12.

5. SHUTTERS ARE NOT REQUIRED.

6. SEALANT INSTALLATION SCREWS, FRAME AND PANEL CORNERS SEALLED WITH CLEAR COLORED SEALANT. VERTICAL ASSEMBLY BEAM SEALLED ON THE INTERIOR AND EXTERIOR WITH CONTRACTOR'S SEALANT.


8. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

*PVB* = .090" TROSIFOL® PVB BY KURARAY AMERICA, INC. OR SAFEX/KEEPSAFE MAXIMUM PVB BY EASTMAN CHEMICAL CO.; VANCEY BY EASTMAN CHEMICAL CO.

**GENERAL NOTES AND DRAWING MAP**

**ALUM, FRENCH DOOR & SIDE LITES, IMPACT FREEWAY**

**PRODUCT REVISED**

as complying with the Florida Building Code

NOA-No. 17-02704-04

Expiry Date 02/24/2020

By:

Miami-Dade Product Control

ANTHONY LYN MILLER
PROFESSIONAL ENGINEER
No. 58705
STATE OF FL

GENERAL NOTES:

1. CONFIGURATIONS
2. GLAZING DETAILS
3. DESIGN PRESSURES
4. ELEVATIONS
5. VERT. SECTIONS
6. HORIZ. SECTIONS
7. PARTS LIST
8-9. EXTRUSIONS
10-12. ANCHORAGE

Material | Min. Fv | Min. Fc
--- | --- | ---
Steel Screw | 92 ksi | 120 ksi
Eico UltraCore® | 156 ksi | 177 ksi
410 SS Eico CoreFast® | 127.4 ksi | 180.7 ksi
6063-T6 Aluminum | .16 ksi | 22 ksi

"PVB" = .090" TROSIFOL® PVB BY KURARAY AMERICA, INC. OR SAFEX/KEEPSAFE MAXIMUM PVB BY EASTMAN CHEMICAL CO.; VANCEY BY EASTMAN CHEMICAL CO.
### Table 1. Maximum Design Pressures (psf)

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Width (In)</th>
<th>Allowed Glass Types</th>
<th>Height (In)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>79 3/4&quot; (6&quot;)</td>
</tr>
<tr>
<td>French Door</td>
<td>37&quot; (3&quot;)</td>
<td>A,E</td>
<td>+70.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C,G</td>
<td>+100.0</td>
</tr>
<tr>
<td></td>
<td>71 3/4&quot; (6&quot;)</td>
<td>A,E</td>
<td>+70.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C,G</td>
<td>+100.0</td>
</tr>
<tr>
<td>Full Jamb</td>
<td>36 11/16&quot;</td>
<td>A,E</td>
<td>+70.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C,G</td>
<td>+100.0</td>
</tr>
<tr>
<td>Narrow Jamb</td>
<td>30 11/16&quot;</td>
<td>C,G</td>
<td>+100.0</td>
</tr>
<tr>
<td></td>
<td>33 11/16&quot;</td>
<td>C,G</td>
<td>+100.0</td>
</tr>
<tr>
<td>Side lite</td>
<td>36 11/16&quot;</td>
<td>A, B, E, F</td>
<td>+70.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C,G</td>
<td>+100.0</td>
</tr>
</tbody>
</table>

**NOTES:**
1. **If using the optional low-rise sill (Part 10, Sheet 8 of 12), the overhang length must be greater than or equal to the overhang height (see diagram). If not, the maximum positive (+) design pressure is limited to +60.0 psf for all styles and sizes of the door and any adjoining sidelites. (Ref: FTL-9641)
2. For combined units, the lowest design pressure of the sidelite and the door governs the overall assembly design pressure.

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**Table 1a. Glass Type and Test Report Number**

<table>
<thead>
<tr>
<th>Type</th>
<th>Test Report Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>A - 7/16&quot; LAMI (3/16&quot;A, .060 PVB, 3/16&quot;HS)</td>
<td>FTL-4311, 4312, 4315</td>
</tr>
<tr>
<td>B - 7/16&quot; LAMI (3/16&quot;HS, .060 PVB, 3/16&quot;HS)</td>
<td>UPGRADE FTL-4311, 4312, 4315</td>
</tr>
<tr>
<td>C - 7/16&quot; LAMI (3/16&quot;A, .075 VANCEVA, 3/16&quot;HS)</td>
<td>FTL-4527, 4528, 4529, 4530</td>
</tr>
<tr>
<td>D - 7/16&quot; LAMI (3/16&quot;HS, .075 VANCEVA, 3/16&quot;HS)</td>
<td>UPGRADE FTL-4527, 4528, 4529, 4530</td>
</tr>
<tr>
<td>E - 7/8&quot; LAMI I.G. (3/16&quot;T, 1/4&quot; AIR SPACE, 3/16&quot;A, .060 PVB, 3/16&quot;HS)</td>
<td>FTL-4311, 4312, 4315</td>
</tr>
<tr>
<td>F - 7/8&quot; LAMI I.G. (3/16&quot;T, 1/4&quot; AIR SPACE, 3/16&quot;HS, .060 PVB, 3/16&quot;HS)</td>
<td>UPGRADE FTL-4311, 4312, 4315</td>
</tr>
<tr>
<td>G - 7/8&quot; LAMI I.G. (3/16&quot;T, 1/4&quot; AIR SPACE, 3/16&quot;A, .075 VANCEVA, 3/16&quot;HS)</td>
<td>FTL-4527, 4528, 4529, 4530</td>
</tr>
<tr>
<td>H - 7/8&quot; LAMI I.G. (3/16&quot;T, 1/4&quot; AIR SPACE, 3/16&quot;HS, .075 VANCEVA, 3/16&quot;HS)</td>
<td>UPGRADE FTL-4527, 4528, 4529, 4530</td>
</tr>
</tbody>
</table>

**PRODUCT REVISED**

as complying with the Florida Building Code

No. PA-09-0042-08

Examination Date: 02/24/2020

By:

Miami-Dade Product Control

Lynn Miller, P.E.

No. FL00517

State of Florida

FLORIDA STATE BOARD OF ENGINEERS
OX OR XO

OXO

OXXO (SHOWING EACH VERSION SIDELITE)

NOTES:
1. CONFIGURATIONS WITH SIDE LITES CAN BE EITHER NARROW JAMB OR FULL JAMB VERSION.
2. FOR ANCHOR SPACING AND DETAILS SEE SHEETS 10 THROUGH 12.
3. FOR VERTICAL SECTIONS SEE SHEET 5 AND FOR HORIZONTAL SECTIONS SEE SHEET 6.
ANCHORING SPACING REQUIREMENTS:

1. DETAILS A AND B ABOVE REPRESENT ANCHORING OF SINGLE X DOORS, OR INDIVIDUAL SIDE LITE O PANELS WITH FULL OR NARROW WIDTH JAMBS. DETAILS C AND D ABOVE REPRESENT ANCHORING OF ANY MIXTURE OF DOUBLE X DOORS, SINGLE X DOORS, NARROW JAMB OR FULL JAMBS SIDE LITE PANELS, FOR MULTIPLE-PANEL INSTALLATIONS OF TWO OR MORE PANELS. UNLESS OTHERWISE STATED, DIMENSIONS OF DETAILS A THROUGH D ARE MAXIMUMS.

2. ANCHOR TYPES: ANCHOR TYPES: SEE TABLE A, SHEET 1 FOR ANCHOR TYPES, SUBSTRATES AND LIMITATIONS.

3. SINGLE PANEL CONFIGURATIONS: (DETAIL A, CONCRETE SUBSTRATE. DETAIL B, WOOD/ALUM. SUBSTRATE)

   HEAD AND SILL........6" MAX. FROM FRAME CORNERS.
   JAMBS.......................11" MAX. FROM FRAME CORNERS. 18.500" MAX. O.C. CONCRETE SUBSTRATE (DETAIL A) AND 10.571" MAX. O.C. WOOD SUBSTRATE (DETAIL B).

4. TWO OR MORE PANEL CONFIGURATIONS: (DETAIL C, CONCRETE SUBSTRATE)

   HEAD AND SILL: 6" MAX. FROM FRAME CORNERS IF PANEL WIDTH IS 15" OR GREATER AND AT 3", 6", 9" AND 12" MAX. ON EACH SIDE OF ASSEMBLY BEAM AND/OR ASTRAGAL LOCATIONS (CLUSTER OF 4).
   JAMBS: 11" MAX. FROM FRAME CORNERS AND 18.500" MAX. O.C.

5. TWO OR MORE PANEL CONFIGURATIONS: (DETAIL D, WOOD/ALUM. SUBSTRATE)

   HEAD AND SILL: 6" MAX. FROM FRAME CORNERS AND AT 3", 6", 9" AND 12" MAX. ON EACH SIDE OF ASSEMBLY BEAM AND/OR ASTRAGAL LOCATIONS (CLUSTER OF 4).
   CIRCLED ANCHOR OUTSIDE CLUSTER REQUIRED IF PANEL WIDTH IS OVER 27-3/4".
   JAMBS: 11" MAX. FROM FRAME CORNERS AND 10.571" MAX. O.C.
NOTES:
1. WOOD BUCKS DEPICTED AS 1x ARE LESS THAN 1-1/2" THICK. 1x WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE. WOOD BUCKS DEPICTED AS 2x ARE 1-1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ).
2. FOR ATTACHMENT TO ALUM. THE MATL. SHALL BE A MIN. STRENGTH OF 6063-T5 AND A MIN. OF 1/8" THICK. THE ALUM. STRUCTURAL MEMBER SHALL BE OF A SIZE TO PROVIDE FULL SUPPORT TO THE DOOR FRAME SIMILAR TO THAT SHOWN IN THE DETAILS ON THIS SHEET WITH 2x WOOD BUCKS. THE ANCHOR SHALL BE A #12 SIG WITH FULL ENGAGEMENT INTO THE ALUM. IF THESE CRITERIA ARE MET, THE PRESSURES SHOWN ON SHEET 2 AND ANCHORAGE SPACING FOR WOOD SHOWN ON SHEET 10 MAY BE USED.
3. IF SILL IS NOT TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT, 3400 PSI MIN. (DONE BY OTHERS) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO SUBSTRATE.

ANCHORAGE DETAILS

ALUM. FRENCH DOOR & SIDE LITES, IMPACT

FD-750 1/4 11 = 12 8000-11

A. LYNCH MILLER, P.E.
FL, P.E. # 58705