Peetz Windows and Doors, Inc.
15951 SW 41 Street, Suite 150
Weston, FL 33331

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 “Impact - 10 Ft. 9 ¾ In.” Outswing Wood Bi-Fold Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1680, titled “Series Wood Impact Out-Swing Bi-Fold Doors”, sheets 1 through 19 of 19, dated 06/03/13, with revision A1 dated 04/17/18, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, 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 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, Kall, North Rhine-Westphalia (NRW), Germany, 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 be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number precedes 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 and renews NOA No. 17-0803.18 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 Manuel Perez, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's
   
   A. DRAWINGS
      1. Manufacturer's die drawings and sections.  
         (Submitted under NOA No. 13-0717.09)
         (Submitted under NOA No. 13-0717.09)

   B. TESTS
      1. 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 AAMA 1304-02, per FBC 2411.3.2.1 and per TAS 202-94.

      along with marked-up drawings and installation diagram of an outswing wood bi-fold doors L.M.I., prepared by Architectural Testing, Inc., Test Report No.  
      ATI-B5205.01-450-18, dated 06/20/13, signed and sealed by Vinu J. Abraham, P.E.  
      (Submitted under NOA No. 13-0717.09)

   C. CALCULATIONS
      1. Anchor verification calculations and structural analysis, complying with FBC, dated 06/06/13, prepared by W. W. Schaefer Engineering & Consulting, P. A., signed and sealed by Warren W. Schaefer, P.E.  
         (Submitted under NOA No. 13-0717.09)
      2. Glazing complies with ASTM E1300-04/ 09.

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

   E. MATERIAL CERTIFICATIONS
      1. Lloyd's Register EMEA Certification No. 04/ 00049 (E2) issued to ETS Allin, France, for their "Marine Plywood, constructed of Sapelli (Crown Cut Sapele 1088) Mahogany (Entandrophragma Cylindrical) bonded with modified Urea–Formaldehyde WBP", filed with the London Design Support Services, expiring on 05/26/14, dated 04/23/10 and signed by P. F. Moysey.  
         (Submitted under NOA No. 13-0717.09)

Manuel Perez, P.E.
Product Control/Examiner
NOA No. 18-0503.05
Expiration Date: November 21, 2023
Approval Date: July 26, 2018

E - 1
Peetz Windows and Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (CONTINUED)

2. 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

   (Submitted under NOA No. 17-0803.18)

   (Submitted under NOA No. 14-0429.05)

   (Submitted under NOA No. 13-0717.09)

   (Submitted under NOA No. 13-0717.09)

5. Distributor Agreement between Helmut Peetz GmbH, Kall (NRW), Germany and Peetz Windows and Doors, Inc., Florida, USA, dated 06/24/13, signed by Christian Peetz and by Eva Marie Leon, respectively.  
   (Submitted under NOA No. 13-0717.09)

6. Department of State Certification of PEETZ WINDOWS AND DOORS, INC. as a for profit corporation, active and organized under the laws of the State of Florida, dated 10/01/03 and filed by the Secretary of State.

7. Laboratory addendum letter for Test Report No. ATI-B5205.01-450-18, issued by Architectural Testing, Inc., dated 11/06/13, signed and sealed by Vinu J. Abraham, P.E.  
   (Submitted under NOA No. 13-0717.09)

8. Laboratory compliance letter for Test Report No. ATI-B5205.01-450-18, issued by Architectural Testing, Inc., dated 06/20/13, signed and sealed by Vinu J. Abraham, P.E.  
   (Submitted under NOA No. 13-0717.09)

9. Proposal No. 09-1388 issued by Product Control, dated 11/19/09, signed by Jaime D. Gascon, P.E.  
   (Submitted under NOA No. 13-0717.09)

G. OTHERS

1. Notice of Acceptance No. 14-0429.05, issued to Peetz Windows and Doors, Inc. for their Series “Impact” 10 FT. 9¾–Inch Wood Outswing Bi-Fold Doors – L.M.I., approved on 06/19/14 and expiring on 11/21/18.

[Signature]
Manuel Perez, P.E.
Product Control Examiner
NOA No. 18-0595.05
Expiration Date: November 21, 2023
Approval Date: July 26, 2018

E - 2
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED
   
   A. DRAWINGS

   B. TESTS
      1. None.

   C. CALCULATIONS
      2. Glazing complies with ASTM E1300-04/09.

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

   E. MATERIAL CERTIFICATIONS
      1. 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.

   F. STATEMENTS

   G. OTHERS

   \[Signature\]
   Manuel Perez, P.E.
   Product Control Examiner
   NOA No. 18-0502.05
   Expiration Date: November 27, 2023
   Approval Date: July 26, 2018

E - 3
GENERAL NOTES:
1. THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE ALLOWABLE DESIGN PRESSURE TABLE(S).
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT BE USED UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED BASE MATERIAL SHALL BE BOUND UNTIL THE WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS 75-201, 202 & 203 FOR LARGE WINGLET IMPACT PRODUCTS.
5. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVZ).
6. IMPACT SHIELDS ARE NOT REQUIRED WITH THIS PRODUCT.
7. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAME SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONAL FACTOR OF KD = 0.85 MAY BE APPLIED PER THE ACSE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR CD = 1.6 WAS USED FOR WOOD STRUCTURES ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER UNDIFFUSIBLE MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
11. ALL WOOD MEMBERS OF THIS PRODUCT THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE & OR ARE SUBJECT TO THE EXTERIOR ENVIRONMENT SHAL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE BASE MATERIAL.

FRAME ANCHOR REQUIREMENTS TABLE

<table>
<thead>
<tr>
<th>OPENING TYPE (SUBSTRATE)</th>
<th>FRAME/CLIP TO OPENING FASTENER TYPE</th>
<th>MINIMUM EMBED</th>
<th>MINIMUM EDGE DIST.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIN. 2X4 WOOD FRAME OR BUCK</td>
<td>NO. 14 SMS OR WOOD SCREW</td>
<td>1 1/4&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>MIN. 16 GA. 33 KSI METAL STUD</td>
<td>1/4&quot; GR. 5 SELF TAP/DRILL SCREW</td>
<td>FULL</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>MIN. 1/8&quot; THK A36 STEEL</td>
<td>1/4&quot; GR. 5 SELF TAP/DRILL SCREW</td>
<td>FULL</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>MIN. 1/8&quot; THK A60-35 ALUM</td>
<td>1/4&quot; GR. 5 SELF TAP/DRILL SCREW</td>
<td>FULL</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>(4) MIN. C-90 CMU</td>
<td>1/4&quot; CONCRETE SCREW</td>
<td>1 1/4&quot;</td>
<td>2 1/2&quot;</td>
</tr>
<tr>
<td>MIN. 2500 PSI CONCRETE</td>
<td>1/4&quot; CONCRETE SCREW</td>
<td>1 1/4&quot;</td>
<td>2 1/2&quot;</td>
</tr>
</tbody>
</table>

ANGLE CLIP INSTALLATION SCREWS

| MIN. 2X4 WOOD FRAME OR BUCK | NO. 8 SMS SCREW | 1 3/8" | 3/4" |
| MIN. 1/8" THK A36 STEEL | NO. 8 GR. 5 SELF TAP/DRILL SCREW | FULL | 1/2" |
| MIN. 1/8" THK A60-35 ALUM | NO. 8 GR. 5 SELF TAP/DRILL SCREW | FULL | 1/2" |

NARROW INSTALLATION BRACKET SCREWS

| MIN. 2X6 WOOD FRAME OR BUCK | NO. 8 SMS SCREW | 1 3/8" | 3/4" |
| MIN. 16 GA. 33 KSI METAL STUD | NO. 8 GR. 5 SELF TAP/DRILL SCREW | FULL | 1/2" |
| MIN. 1/8" THK A36 STEEL | NO. 8 GR. 5 SELF TAP/DRILL SCREW | FULL | 1/2" |
| MIN. 1/8" THK A60-35 ALUM | NO. 8 GR. 5 SELF TAP/DRILL SCREW | FULL | 1/2" |

WIDE INSTALLATION BRACKET SCREWS

| MIN. 2X6 WOOD FRAME OR BUCK | NO. 8 SMS SCREW | 1 3/8" | 3/4" |
| MIN. 16 GA. 33 KSI METAL STUD | NO. 8 GR. 5 SELF TAP/DRILL SCREW | FULL | 1/2" |
| MIN. 1/8" THK A36 STEEL | NO. 8 GR. 5 SELF TAP/DRILL SCREW | FULL | 1/2" |
| MIN. 1/8" THK A60-35 ALUM | NO. 8 GR. 5 SELF TAP/DRILL SCREW | FULL | 1/2" |
| (3) MIN. C-90 CMU | 3/16" CONCRETE SCREW | 1 1/4" | 2" |
| MIN. 2500 PSI CONCRETE | 3/16" CONCRETE SCREW | 1 1/2" | 2" |

ROLLER STILE END CLIP SCREWS

| MIN. 2X4 WOOD FRAME OR BUCK | NO. 16 SMS OR WOOD SCREW | 1 3/8" | 1" |
| MIN. 2500 PSI CONCRETE | 5/16" ELM SCREW | 1 1/2" | 2 1/2" |

(1) CONCRETE SCREWS SHALL BE ELM ULTRACONS (C.S.), ELM CRETE-FLX (S.5) OR MILIT KINN-WON (C.S. OR S.S.).
(2) CMU IS APPLICABLE AT SIDES ONLY (NOT APPLICABLE AT HEAD OR SILL).
(3) 5/16" CONCRETE SCREWS SHALL BE ELM ULTRACONS (C.S.).

HINGE REQUIREMENTS

<table>
<thead>
<tr>
<th>FRAMES</th>
<th>HINGE REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>OVER 93 15/16 &amp; LESS</td>
<td>3</td>
</tr>
<tr>
<td>93 15/16 AND LESS</td>
<td>4</td>
</tr>
</tbody>
</table>

EXTERIOR HINGES SHALL BE LOCATED APPROXIMATELY 3 7/8" FROM TOP & BOTTOM OF PANELS TO HINGE CENTERLINE.
INTERIOR HINGES SHALL BE LOCATED APPROXIMATELY 8" FROM TOP & BOTTOM OF PANELS TO HINGE CENTERLINE.

PRODUCT REVISED AS COMPLIANCE WITH THE FLORIDA BUILDING CODE
NOA No. 2015-0503.05
Issuance Date 11/21/2023

Multi-Code Product Control
EXTERIOR ELEVATION:
LEFT & RIGHT DIRECTION BI-FOLD DOOR WITH DOUBLE SWING PANELS
SCALE: 1/2" = 1'-0"

OVERALL MAXIMUM FRAME WIDTH VARIES WITH THE QUANTITIES OF PANELS USED IN THE DOOR UNIT.
OVERALL MAXIMUM FRAME WIDTH VARIES WITH THE QUANTITIES OF PANELS USED IN THE DOOR UNIT

8" MAX.  
3" TO 5"  
6" 6"  
3" TO 5"  
6" 6"  
3" TO 5"  
6" 6"  
3" TO 5"  
6" 6"  
3" TO 5"  
8" MAX.  
7 3/4" MAX.  
37" MAX.  
D.L.D.  
(ALL PANELS)  
17" MAX. O.C.  
12^4 7/16" MAX. FRAME HEIGHT  
12^4 3/16" MAX. O.C.  

FRAME SCREWS, INSTALLATION CLIP, NARROW INSTALLATION BRACKET OR WIDE INSTALLATION BRACKET WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS.

SEE CORNER CONSTRUCTION DESCRIPTIONS ON SHEET 1

EXTERIOR ELEVATION:  
LEFT & RIGHT DIRECTION BI-FOLD DOOR  
SCALE: 1/2" = 1'-0"
OVERALL MAXIMUM FRAME WIDTH VARIES WITH THE QUANTITIES OF PANELS USED IN THE DOOR UNIT.

FRAME SCREWS, INSTALLATION CLIP, NARROW INSTALLATION BRACKET OR WIDE INSTALLATION BRACKET WHERE SHOWN.

SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS.

EXTERIOR ELEVATION:
SINGLE DIRECTION BI-FOLD DOOR
SCALE: 1/2" = 1'-0"

SEE CORNER CONSTRUCTION DESCRIPTIONS ON SHEET 1.

13 1/16 MAX. FRAME HEIGHT
12 3/16 MAX. D.L.O.

8" MAX.
7 3/4" MAX.
37" MAX.
D.L.O.
(ALL PANELS)

17" MAX. D.C.
7 3/4" MAX.

CARRIER SET
CARRIER SET
OPPOSITE
OVERALL MAXIMUM FRAME WIDTH VARIES WITH THE QUANTITIES OF PANELS USED IN THE DOOR UNIT

FRAME SCREWS, INSTALLATION CLIP, NARROW INSTALLATION BRACKET OR WIDE INSTALLATION BRACKET WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS.

SEE CORNER CONSTRUCTION DESCRIPTIONS ON SHEET 1

EXTERIOR ELEVATION: LEFT & RIGHT DIRECTION BI-FOLD DOOR WITH SINGLE SWING PANEL
SCALE: 1/2" = 1'-0"

PRODUCT REVISED as complying with the Florida Building Code
NOA-No. 18-0503.05
Expiry Date 11/21/2023

By
Midco Made Product Control
OVERALL MAXIMUM FRAME WIDTH VARIES WITH THE QUANTITIES OF PANELS USED IN THE DOOR UNIT

8" MAX.

3" TO 5" 6" 6" 3" TO 5" 6" 6" 3" TO 5" 6" 6" 3" TO 5" 6" 6" 3" TO 5" 6" 6" 3" TO 5" 6" 6" 3" TO 5" 6" 6"

7 3/4" MAX.

1/4" MAX. FRAME HEIGHT

122 5/16" MAX. D.L.O.

SEE CORNER CONSTRUCTION DESCRIPTIONS ON SHEET 1

ROLLER STILE END CLIP ANCHORS PER "FRAME ANCHOR REQUIREMENTS TABLE" (2 PER CLIP)

ROLLER STILE END CLIP DETAIL
SCALE: N.T.S.
(Doors panel & interior section of threshold not shown for clarity)
NOTE: THIS CLIP IS REQUIRED ONLY WITH CURVED DOOR UNITS (NOT REQ'D WITH STANDARD FLAT UNITS)

SEE "ROLLER STILE END CLIP DETAIL" ON THIS SHEET (REQ'D AT ALL ROLLER STILE ENDS OF RADIUS UNITS)

FRAME SCREWS, INSTALLATION CLIP, NARROW INSTALLATION BRACKET OR WIDE INSTALLATION BRACKET WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS.

INACTIVE

ACTIVE

EXTERIOR ELEVATION: RADIUS BI-FOLD DOOR
SCALE: 1/2" = 1'-0"

RADIUS OF DOOR IS NOT LIMITED.
**OVERALL MAXIMUM FRAME WIDTH VARIES WITH THE QUANTITIES OF PANELS USED IN THE DOOR UNIT**

**FRAME SCREWS, INSTALLATION CLIP, NARROW INSTALLATION BRACKET OR WIDE INSTALLATION BRACKET WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS.**

**37" MAX. D.L.O. (ALL PANELS)**

**LEFT SIDE**

**RIGHT SIDE**

**ACTIVITY**

**CARVER SET**

**CARRY-BACK**

**FRONT SIDE (3-PANEL)**

**EXTERIOR ELEVATION:**

**CORNER BI-FOLD DOOR**

**SCALE: 1/2" = 1'-0"**

*(FOR ALL DETAIL NOT SHOWN, SEE OTHER NON-RADIUS ELEVATIONS)*

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**D.O. 17" MAX. O.C.**

**8" MAX.**

**7 3/4" MAX.**

**7 3/4" MAX.**

**122.1/16" MAX. FRAME HEIGHT**

**124.7/16" MAX. FRAME WIDTH**
GLASS DOOR PANEL WITH MID-RAIL
SCALE: 1/2" = 1'-0"

PARTIAL WOOD PANEL DOOR WITH MID-RAILS
SCALE: 1/2" = 1'-0"

59 5/8" MAX. WOOD PANEL OPENING

PANEL NOTES
1. ONE HORIZONTAL MID-RAIL IS SHOWN IN EACH ELEVATION. MULTIPLE HORIZONTAL MID-RAILS MAY BE PLACED IN EITHER A GLASS PANEL OR PARTIAL WOOD PANEL DOOR.
2. WITH PARTIAL WOOD PANEL DOORS, THE WOOD PANELS MUST BE CONTINUOUS BETWEEN HORIZONTAL MID-RAILS. IF VERTICAL MID-RAILS ARE DESIRED BETWEEN THE HORIZONTAL MID-RAILS, THEY MUST BE FALSE RAILS SUCH THAT THEY ARE LAMINATED TO THE PLYWOOD PANEL SURFACE.
STRAIGHT LINE LAYOUT

2 - PANEL

3 - PANEL

4 - PANEL

5 - PANEL

6 - PANEL

7 - PANEL

8 - PANEL

WHILE UP TO 8 PANELS IN ONE OPENING IS SHOWN, THERE IS NO LIMIT TO THE NUMBER OF PANELS IN ONE DOOR FRAME OPENING PROVIDING THE OPENING IS DESIGNED TO SUPPORT THE LOADS TRANSFERRED FROM THE DOOR SYSTEM.
90° CORNER LAYOUT

CONFIGURATIONS FOR RIGHT SIDE PANELS,
VIEWED FROM EXTERIOR.

1 - PANEL
2 - PANEL
3 - PANEL
4 - PANEL
5 - PANEL
6 - PANEL
7 - PANEL
8 - PANEL

EXAMPLE:
4 - PANEL (LEFT SIDE)

2 - PANEL (RIGHT SIDE)

WHILE UP TO 8 PANELS IN ONE OPENING IS SHOWN, THERE
IS NO LIMIT TO THE NUMBER OF PANELS IN ONE DOOR
FRAME OPENING PROVIDING THE OPENING IS DESIGNED TO
SUPPORT THE LOADS TRANSFERRED FROM THE DOOR SYSTEM

PRODUCT REVISED
Complying with the Florida Building Code
WPC No. 10-0503.05
Expiration Date 11/21/2023
By: N/A
Miami-Dade Product Control

1 - PANEL 2 - PANEL 3 - PANEL 4 - PANEL 5 - PANEL
6 - PANEL 7 - PANEL 8 - PANEL

CONFIGURATIONS FOR LEFT SIDE PANELS,
VIEWED FROM EXTERIOR.
WHILE UP TO 8 PANELS IN ONE OPENING IS SHOWN, THERE IS NO LIMIT TO THE NUMBER OF PANELS IN ONE DOOR FRAME OPENING PROVIDING THE OPENING IS DESIGNED TO SUPPORT THE LOADS TRANSFERRED FROM THE DOOR SYSTEM.

*1: SINGLE PANEL SEGMENTS AT INTERIOR
*2: DOUBLE PANEL SEGMENTS AT INTERIOR
*3: SINGLE AND DOUBLE PANEL SEGMENTS AT INTERIOR COMBINED.
Optional Angle Clip Mount Detail
(Head section shown; sill & sides are installed the same)
(For detail not shown, see other sections)
Note: Angle clip is shown at the interior of the substrate. It may be placed at the exterior.

Optional Narrow Installation Bracket Mount Detail
(Head section shown; sill & sides are installed the same)
(For detail not shown, see other sections)

Optional Wide Installation Bracket Mount Detail
(Head section shown; sill & sides are installed the same)
(For detail not shown, see other sections)
Note: Bracket is shown projected to the interior, it may also be projected to the exterior.

Optional Direct Mount Detail to Substrate With Spacer
(Head section shown; sill & sides are installed the same)
(For detail not shown, see other sections)
<table>
<thead>
<tr>
<th>ITEM #</th>
<th>ITEM DESCRIPTION</th>
<th>PARTS</th>
<th>MANUFACTURER/NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FRAME (HEAD)</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>FRAME (SILL)</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>FRAME (SASH JAMB)</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>FRAME (CARRIER SET JAMB)</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>FRAME FILLER (HEAD)</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>5A</td>
<td>FRAME FILLER (SILL) FOR RADIUS UNITS</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>TOP RAIL</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>BOTTOM RAIL &amp; JAMB STILE</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>FOLDING MEETING STILE</td>
<td>WOOD</td>
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<tr>
<td>9</td>
<td>INACTIVE SWING MEETING STILE</td>
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<td>10</td>
<td>ACTIVE SWING MEETING STILE</td>
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<tr>
<td>11</td>
<td>CORNER MEETING STILE</td>
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<td>12</td>
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<tr>
<td>13</td>
<td>MID-RAIL</td>
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<td>14</td>
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<td>15</td>
<td>ASTRAIGAL BEAD</td>
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<tr>
<td>16</td>
<td>ASTRAIGAL BEAD</td>
<td>WOOD</td>
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<tr>
<td>17</td>
<td>INTERIOR ASTRAIGAL (DOUBLE SWING PANEL, MEETING STILE)</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>EXTERIOR ASTRAIGAL (DOUBLE SWING PANEL, MEETING STILE)</td>
<td>WOOD</td>
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<tr>
<td>19</td>
<td>INTERIOR ASTRAIGAL (SINGLE SWING PANEL MEETING STILE)</td>
<td>WOOD</td>
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</tr>
<tr>
<td>20</td>
<td>CORNER STYLE BEAD</td>
<td>WOOD</td>
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<tr>
<td>21</td>
<td>CORNER STYLE BEAD</td>
<td>WOOD</td>
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<tr>
<td>22A</td>
<td>ASTRAIGAL BEAD</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>22B</td>
<td>ASTRAIGAL BEAD</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>23A</td>
<td>ASTRAIGAL BEAD</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>23B</td>
<td>ASTRAIGAL BEAD</td>
<td>WOOD</td>
<td></td>
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<tr>
<td>24</td>
<td>GLAZING BEAD (NON-IG. GLASS)</td>
<td>WOOD</td>
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<tr>
<td>25</td>
<td>GLAZING BEAD (IG. GLASS)</td>
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<tr>
<td>26</td>
<td>GLAZING BEAD (WOOD PANEL)</td>
<td>WOOD</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>TOP TRACK</td>
<td>6063-T5 ALUMINUM</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>BOTTOM TRACK</td>
<td>6063-T5 ALUMINUM</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>THRESHOLD</td>
<td>BRONZE OR 6063-T5 ALUMINUM</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>TOP TRACK/FRAME FILLER COVER</td>
<td>RPOP OR 6063-T5 ALUMINUM</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>STYLE REINFORCEMENT</td>
<td>GALVANIZED 34 KSI STEEL</td>
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</tr>
<tr>
<td>35</td>
<td>ANGLE CLIP</td>
<td>GALVANIZED 34 KSI STEEL</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>HARROW INSTALLATION BRACKET</td>
<td>GALVANIZED 34 KSI STEEL</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>WIDE INSTALLATION BRACKET</td>
<td>GALVANIZED 34 KSI STEEL</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>ROLLER STYLE END CLIP</td>
<td>304 S.S.</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>THRESHOLD CORNER KEY</td>
<td>304 S.S.</td>
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</tr>
</tbody>
</table>

**Note:** Wood used in testing was mahogany with a specific gravity of 0.645 and a modulus of elasticity of E = 15,000,000 psi. Other wood species applicable for use with this product are those with a specific gravity of 0.44 and modulus of elasticity of 13,000,000 psi or greater. All wood is minimum grade 2 milled by Pizzoni Windows & Doors to select.

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>ITEM DESCRIPTION</th>
<th>HARDWARE</th>
<th>MANUFACTURER/NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>43</td>
<td>5 POINT MULTI-POINT LOCK SYSTEM FOR ACTIVE SWING PANELS</td>
<td>KFY OR HOPPE (APPLICABLE LOCK STRIKES &amp; LOCK/PANEL CORNER REINFORCEMENT BARS ARE BY PIZZONI)</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>2 POINT MULTI-POINT LOCK SYSTEM FOR INACTIVE SWING AND FOLDING PANELS</td>
<td>KFY OR HOPPE (APPLICABLE LOCK STRIKES &amp; LOCK/PANEL CORNER REINFORCEMENT BARS ARE BY PIZZONI)</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>OFFSET CARRIER SET 3 3/8&quot; X 6&quot; (STANDARD PANELS)</td>
<td>CENTRO E40CSS S.S.</td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>INTERMEDIATE CARRIER SET 3 3/8&quot; X 6&quot; (STANDARD PANELS)</td>
<td>CENTER E41CSS S.S.</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>OFFSET CARRIER SET 5 3/8&quot; X 6&quot; (CORNER PANELS)</td>
<td>CENTER E40CSS S.S. (HINGE LEAVES WEDGED BY PEEPS)</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>INTERMEDIATE CARRIER SET 5 3/8&quot; X 6&quot; (CORNER PANELS)</td>
<td>CENTER E41CSS S.S. (HINGE LEAVES WEDGED BY PEEPS)</td>
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<tr>
<td>49</td>
<td>BUTT HINGES 3 3/8&quot; X 6&quot; (STANDARD PANELS)</td>
<td>CENTER E41CSS S.S.</td>
<td></td>
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<tr>
<td>50</td>
<td>BUTT HINGES 5 3/8&quot; X 6&quot; (CORNER PANELS)</td>
<td>CENTER E41CSS S.S. (HINGE LEAVES WEDGED BY PEEPS)</td>
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<tr>
<td>51</td>
<td>KNOB</td>
<td>AS REQUIRED TO OPERATE LOCK</td>
<td></td>
</tr>
<tr>
<td>52</td>
<td>HANDLE</td>
<td>AS REQUIRED TO OPERATE LOCK</td>
<td></td>
</tr>
<tr>
<td>53</td>
<td>LOCK SPACER</td>
<td>0.432&quot; X 0.275&quot; X 0.068&quot; THICK S.S.</td>
<td></td>
</tr>
</tbody>
</table>

**Seals & Sealants**

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>ITEM DESCRIPTION</th>
<th>SEALANT</th>
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</thead>
<tbody>
<tr>
<td>56</td>
<td>COMPRESSION SEAL</td>
<td>SCHLAGE QL3097 URETHANE FOAM</td>
</tr>
<tr>
<td>57</td>
<td>SEAL</td>
<td>GTE-S-0-200402.200210 EDPM</td>
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<tr>
<td>58</td>
<td>COMPRESSION SEAL</td>
<td>SCHLAGE QL3092 URETHANE FOAM</td>
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<tr>
<td>59</td>
<td>COMPRESSION SEAL</td>
<td>SCHLAGE QL3017 URETHANE FOAM</td>
</tr>
<tr>
<td>60</td>
<td>3/4&quot; X 3/4&quot; PRE-COMPRRESSED TAPE</td>
<td>N/A</td>
</tr>
<tr>
<td>61</td>
<td>COMPRESSION SEAL</td>
<td>SCHLAGE QL3097 URETHANE FOAM</td>
</tr>
</tbody>
</table>

**Fasteners**

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>ITEM DESCRIPTION</th>
<th>PER</th>
</tr>
</thead>
<tbody>
<tr>
<td>63</td>
<td>8 X 1 3/8&quot; WOOD SCREW</td>
<td>WITHIN 3&quot; FROM CORNERS &amp; 6&quot; MAX. O.C.</td>
</tr>
<tr>
<td>64</td>
<td>1 1/4&quot; X 1 3/8&quot; SELF TAPPING SCREW</td>
<td>WITHIN 5&quot; FROM CORNERS &amp; 15&quot; MAX. O.C.</td>
</tr>
<tr>
<td>65</td>
<td>8 X 1 1/2&quot; WOOD SCREW</td>
<td>5 PER HINGE INTO THE JAMB</td>
</tr>
<tr>
<td>66</td>
<td>8 X 1 1/2&quot; WOOD SCREW</td>
<td>3 PER HINGE INTO THE STILE</td>
</tr>
<tr>
<td>67</td>
<td>8 X 1 3/8&quot; WOOD SCREW</td>
<td>1 CENTERED BETWEEN EACH HINGE</td>
</tr>
<tr>
<td>68</td>
<td>8 X 1 3/8&quot; WOOD SCREW</td>
<td>WITHIN 2&quot; FROM EDGS &amp; 14&quot; MAX. O.C.</td>
</tr>
<tr>
<td>69</td>
<td>8 X 1 1/2&quot; WOOD SCREW</td>
<td>1/4&quot; FROM EACH TOP &amp; BOTTOM CARRIER SET &amp; 14&quot; O.C.</td>
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<tr>
<td>70</td>
<td>8 X 2 1/2&quot; WOOD SCREW</td>
<td>WITHIN 5 1/2&quot; FROM EDGS &amp; 14&quot; MAX. O.C.</td>
</tr>
<tr>
<td>71</td>
<td>8 X 2 1/2&quot; WOOD SCREW</td>
<td>3 PER HINGE INTO THE STILE</td>
</tr>
<tr>
<td>72</td>
<td>8 X 2 1/2&quot; WOOD SCREW</td>
<td>WITHIN 2&quot; FROM EDGS &amp; 14&quot; MAX. O.C.</td>
</tr>
<tr>
<td>73</td>
<td>8 X 2 1/2&quot; WOOD SCREW</td>
<td>WITHIN 1/2&quot; OF CORNERS &amp; 20&quot; MAX. O.C.</td>
</tr>
<tr>
<td>74</td>
<td>8 X 2 1/2&quot; WOOD SCREW</td>
<td>WITHIN 1/2&quot; OF CORNERS &amp; 20&quot; MAX. O.C.</td>
</tr>
<tr>
<td>75</td>
<td>8 X 2 1/2&quot; WOOD SCREW</td>
<td>CENTERED BETWEEN EACH HINGE</td>
</tr>
<tr>
<td>76</td>
<td>18 X 1 1/4&quot; GALV. CURVED NAIL</td>
<td>WITHIN 1/2&quot; OF CORNERS &amp; 20&quot; MAX. O.C.</td>
</tr>
<tr>
<td>77</td>
<td>8 X 2 1/2&quot; WOOD SCREW</td>
<td>WITHIN 5 1/2&quot; FROM EDGS &amp; 14&quot; MAX. O.C.</td>
</tr>
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</table>

**Lock Hardware Parts**

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>ITEM DESCRIPTION</th>
<th>MATERIAL</th>
</tr>
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<tbody>
<tr>
<td>85</td>
<td>HEAD LOCKING HARDWARE STRENCH FASTENED WITH 4 NO. 12 X 2 1/2&quot; WOOD SCREWS</td>
<td>STEEL</td>
</tr>
<tr>
<td>86</td>
<td>SILL LOCKING HARDWARE STRIKE FASTENED WITH NO. 12 X 1 3/4&quot; EMS SCREWS</td>
<td>STEEL</td>
</tr>
<tr>
<td>87</td>
<td>LOCK STILE LOCKING HARDWARE STRIKE FASTENED WITH 4 NO. 12 X 1 3/4&quot; WOOD SCREWS</td>
<td>STEEL</td>
</tr>
<tr>
<td>88</td>
<td>LOCK STILE DEAD BOLT AND LATCH LOCKING HARDWARE STRIKE FASTENED WITH 4 NO. 10 X 1 3/4&quot; WOOD SCREWS</td>
<td>STEEL</td>
</tr>
<tr>
<td>90</td>
<td>LOCKING BEAR REINFORCEMENT FASTENED WITH 4 NO. 12 X 1 3/4&quot; WOOD SCREWS</td>
<td>STEEL</td>
</tr>
</tbody>
</table>