NOTICE OF ACCEPTANCE (NOA)

PGT Industries, Inc.
1070 Technology Drive
North Venice, 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.


APPROVAL DOCUMENT: Drawing No. MD-SH200-01, titled “SH Window Installation” sheets 1 through 8 of 8, dated 05/11/11, with revision D dated 06/16/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, 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: None

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 be cause for termination and removal of NOA.

ADVERTISING: 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# 16-0505.02 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.
The submitted documentation was reviewed by Jorge M. Plasencia, P.E.

NOA No. 17-0630.02
Expiration Date: September 01, 2021
Approval Date: October 26, 2017
Page 1
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Manufacturer's die drawings and sections.
   (Submitted under NOA No. 11-0614.01)
2. Drawing No. MD-SH200-01, titled “SH Window Installation” sheets 1 through 8 of 8,
dated 05/11/11, with revision D dated 06/16/17, prepared by manufacturer, signed and
sealed by Anthony Lynn Miller, P.E.

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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
   along with marked-up drawings and installation diagram of series SH-200 aluminum
single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report
No. FTL-6479, specimens 1 thru 26, dated 03/28/11, signed and sealed by Marlin D.
Brinson, P.E.
   (Submitted under NOA No. 11-0614.01)

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC-5th
manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Anchor verification calculations and structural analysis, complying with FBC-5th
   Edition (2014), dated 05/22/15, prepared by manufacturer, signed and sealed by
Anthony Lynn Miller, P.E.
   (Submitted under NOA No. 15-0528.22)
3. Glazing complies with ASTM E1300-09

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

E. MATERIAL CERTIFICATIONS
1. None.

F. STATEMENTS
   (2017), dated 06/22/17, issued by manufacturer, signed and sealed by Anthony Lynn
Miller, P.E.
2. Statement letter of no financial interest, dated 06/22/17, issued by manufacturer,
signed and sealed by Anthony Lynn Miller, P.E.

Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
NOA No. 17-0630.02
Expiration Date: September 01, 2021
Approval Date: October 26, 2017
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHERS
1. Notice of Acceptance No. 16-0505.02, issued to PGT Industries, Inc. for their Series “SH-200” Aluminum Single Hung Window - N.I., approved on 06/16/16 and expiring on 09/01/21.

Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
NOA No. 17-0630.02
Expiration Date: September 01, 2021
Approval Date: October 26, 2017
GENERAL NOTES: SERIES 200 NON-IMPACT SINGLE HUNG WINDOW

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

2) SHUTTERS ARE REQUIRED WHEN USED IN WIND-DORNE DEBRIS REGIONS.

3) FOR MASONRY APPLICATIONS IN MANANALOE COUNTY, USE ONLY MANANALOE COUNTY APPROVED MASONRY ANCHORS. MATERIALS USED AND OR FOR EVALUATIONS WERE SOUTHERN PINE, ASTM C40 CONCRETE MASONERY UNITS AND CONCRETE MIN. KOPIX. ANCHOR TYPE, SEE TABLES 5 & 6 SHEETS 4 & 5.

4) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 5, SHEET 4. ALL WOOD BOLTS LESS THAN 1-1/8" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BOLTS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO STRATUM. WOOD BOLTS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BOLTS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOAD TO THE STRUCLURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.

5) ANCHOR EMBEDMENT BASE MATERIAL SHALL BE BEYOND HAIL, DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH AS SPECIFIED ON TABLES 5 & 6. SHEETS 4 & 5. NARROW JOINT SEALANT IS USED ON ALL FOUR CORNERS OF THE FRAME, INSTALLATION ANCHORS SHOULD BE民族. OVERALL SEALING FLEXIBILITY STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.

6) SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE, USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. WOOD BUCKS BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE WINDOW.

7) DESIGN PRESSURES:
   A. NEGATIVE DESIGN LOADS BASED ON STRUCTURAL TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
   B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
   C. DESIGN LOADS ARE BASED ON ALL AVAILABLE STRESS DESIGN, ASD.

8) THE ANCHORAGE METHOD SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.5 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER SIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.

9) REFERENCES: TEST REPORTS ITL 6149; ELCO ULTRACON NOA; ELCO CRETEXFLEX NOA; ANSIIAPA NOA FOR WOOD CONSTRUCTION AND AOD ALUMINUM DESIGN MANUAL.

10) THE 300 SERIES SINGLE HUNG WINDOW WAS FORMERLY KNOWN AS THE 4000 SERIES (FLANGE FRAME) OR 4001 SERIES (FIN FRAME).

WINDOW SHAPES AND SASH CONFIGURATIONS AS SHOWN BELOW OR SIMILAR, MAY BE USED BY INSCRIBING THE SHAPE IN A BLOCK AND OBTAINING DESIGN PRESSURES FOR THAT BLOCK SIZE FROM THE TABLES ON SHEETS 2 & 3.

GUIDE TO SHEETS:

- GENERAL NOTES: 1
- ELEVATIONS: 2
- DESIGN PRESSURES: 3
- INSTALLATION, PLAN: 4
- INSTALLATION, INTEGRAL FIN: 5
- ANCHOR QUANTITIES: 6
- GLAZING DETAILS: 7
- CORNER ASSEMBLY: 8
- EXTRUSION PROFILES: 9
- PARTS LIST: 10

PRODUCT REVISED as complying with the Florida Building Code
NOA-No. 17-0630.02
Expiration Date 09/01/2021

By
Miami-Dade Product Control

06/16/17 - JR - UPDATED TO FBC 2017.

GENERAL NOTES & ELEVATION

SH WINDOW INSTALLATION

Series/Model: SH-200
Scale: NTS
Sheet: 1 OF 8
Drawing No.: MD-SH200-01
Rev: D
<table>
<thead>
<tr>
<th>TABLE 2: Monolithic Glass Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
</tr>
<tr>
<td>B</td>
</tr>
<tr>
<td>C</td>
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<td>D</td>
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<td>E</td>
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<td>F</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>TABLE 3: Insulated Glass Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
</tr>
<tr>
<td>H</td>
</tr>
<tr>
<td>I</td>
</tr>
<tr>
<td>J</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FIGURE A: SASH CROSS SECTION</th>
</tr>
</thead>
</table>

1. Use this table for all windows that are glazed with glass types B - J. NOT applicable with 1/8" annealed glass (type A).
2. For sizes not shown, round up to the next available width or height dimension shown in the table.

1 Tip-to-tip dimensions for flange windows shown. For fin windows or back dimensions, subtract 1".
2 Overall sash height. For clear daylight height, subtract 3/16".
3 Scale range includes the standard Pro-View (3-over-2 configuration) for the given window height.
4 Overall sash width, subtract 2-1/16" from the back dimension.

**NOTICE:**
- Use this table for all windows that are glazed with glass types B - J. NOT applicable with 1/8" annealed glass (type A).
- For sizes not shown, round up to the next available width or height dimension shown in the table.

**NOTES:**
- Use this table for all windows that are glazed with glass types B - J. NOT applicable with 1/8" annealed glass (type A).
- For sizes not shown, round up to the next available width or height dimension shown in the table.

**PRODUCT REVISED**
- as complying with the Florida Building Code
- NOA No.: 17-0630.02
- Expiration Date: 09/01/2021

By Miami-Dade Product Control
### Anchor Quantities Required, Flange Frame

| Maximum Window Width | Sash Height (see Figure A, this sheet) | Group A | Group B | Group C | Group A | Group B | Group C | Group A | Group B | Group C | Group A | Group B | Group C | Group A | Group B | Group C | Group A | Group B | Group C |
|----------------------|----------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 25"                  | 11-15/16" (Equal Lite)                | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| 32-3/8"              | under 18-5/8"                        | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| 15-1/4" (Equal Lite)| over 15-1/4"                         | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| 19-1/2" (Equal Lite) | over 19-1/2"                         | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| under 15-1/2"        | 25-1/2"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| over 25-1/2"         | 25-1/2"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| under 25-1/2"        | 29-1/2"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| over 29-1/2"         | 29-1/2"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| under 29-1/2"        | 33-3/4"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| over 33-3/4"         | 33-3/4"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| under 33-3/4"        | 37-3/8"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| over 37-3/8"         | 37-3/8"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| under 37-3/8"        | 41-1/2"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| over 41-1/2"         | 41-1/2"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| under 41-1/2"        | 45-1/4"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| over 45-1/4"         | 45-1/4"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| under 45-1/4"        | 48-1/2"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| over 48-1/2"         | 48-1/2"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| under 48-1/2"        | 50-1/2"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| over 50-1/2"         | 50-1/2"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| under 50-1/2"        | 54-1/2"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |
| over 54-1/2"         | 54-1/2"                               | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      | 2      |

1 Tip-top dimensions for flange windows shown. For buck dimensions, subtract 1".
2 Overall sash height. For clear daylight height, slightly less.
3 Size range includes the standard Pro-View (3-over-2 configuration) for the given Window Height.
4 "MW" refers to "Meeting Wall".
5 For overall sash width, subtract 2-15/16" from the buck dimension.

**WINDOW HEIGHT - SASH HEIGHT CAN NOT EXCEED 25"**

1) USE THIS TABLE FOR ALL FLANGED WINDOWS PER THE ELEVATION ON SHEET 1. DIMENSIONS SHOWN ARE TIP-TO-TIP.
2) FOR FIN FRAMED WINDOWS, SEE NAIL PATTERN ON SHEET 1.
3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
4) REFER TO TABLE 8, SHEET 4 FOR ANCHOR GROUP DESCRIPTIONS.