Air System Components, Inc. dba PennBarry  
605 Shiloh Road  
Plano, TX 75074

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: Model PHHW Aluminum Penthouse Louver System

Approval Document: Drawing No. 60-022497-00D, titled “PHHW Penthouse”, sheets 1 through 11 of 11, dated 12/04/2017, prepared by Air System Components, Inc. dba PennBarry, signed and sealed by Melissa M. Massar, P.E. on 08/08/2018, bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and approval 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 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 #18-0719.03 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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

1. Evidence submitted under NOA #18-0719.03

A. DRAWINGS
   1. Drawing No. 60-022497-00D, titled “PHHW Penthouse”, sheets 1 through 11 of 11, dated 12/04/2017, prepared by Air System Components, Inc. dba PennBarry, signed and sealed by Melissa M. Massar, P.E. on 08/08/2018.

B. TESTS “Submitted under NOA # 08-1003.05”
   1. 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 Series/Model PHB6625D Penthouse, prepared by Architectural Testing, Inc., Test Report No. 73628.01-001-18, dated 09/05/2007, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS “Submitted under NOA # 18-1025.03”
   1. Wind load review prepared by Ruskin Company, dated 08/18/2018, signed and sealed by Melissa M. Massar, P.E.

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS “Submitted under NOA # 18-1025.03”
   2. Private label agreement dated 08/30/2018.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 19-1015.14
Expiration Date: November 20, 2024
Approval Date: November 7, 2019

E - 1
NOTES:

1) THE FRAME HAS BEEN TESTED IN ACCORDANCE WITH FLORIDA PROTOCOLS 715-20, 302.6 & 303 FOR LARGE MISSILE IMPACT, UNIFORM PRESSURE AND CYCLIC WIND PRESSURE.

2) THIS PENTHOUSE SYSTEM IS APPROVED FOR APPLICATIONS WITH DESIGN PRESSURES OF +/- 110 PSI OR LESS.

3) IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER/BUILDING DESIGN ENGINEER OR RECORD TO VERIFY THE STRUCTURAL INTENSITY OF THE ROOF CONSTRUCTION TO SUPPORT THE LOADS IMPOSED BY THIS PENTHOUSE SYSTEM.

4) "A' AND 'A' ARE THE OUTSIDE DIMENSIONS OF THE PENTHOUSE SIDES; 'A' AND 'B' ARE THE INSIDE DIMENSIONS OF THE CURB.

5) THE MAXIMUM OUTSIDE DIMENSIONS OF THE PENTHOUSE ARE 48"X128"X12" TALL. THE MINIMUM OUTSIDE DIMENSIONS OF THE PENTHOUSE ARE 36"X48"X12" TALL.

6) SEALING REQUIREMENTS AROUND THE PENTHOUSE SHALL COMPLY WITH THE PROVIDERS OF CHAPTER 13 OF THE FLORIDA BUILDING CODE.

7) ALL FASTENERS SHALL BE CORROSION RESISTANT.
PENTHOUSE CROSS SECTION AND INSTALLATION DETAIL

1. 1/2"X1.5"X1.5"X.032" ST. STD. GALV. ANGULAR STUDS
2. 4X6X60 ALUM. ANGLE
3. 10 GA. ST. ROOF CURB
4. 14 GA. ST. ROOF CURB
5. 3/8-16 X 1 1/2" HANGER
6. 1/2" X 1 1/2" HANGER
7. "S" ATTACHMENT CHANNEL

PENTHOUSE/INSULATED CURB CONNECTION DETAIL

1. 3/8-18 X 1 1/2" CARBON STEEL
2. TIN BLOCKS
3. W/ #7 Phillips Hole for Fastener

PRODUCT RENEWED as complying with the Florida Building Code
NOA-No. 19-1015.14
Expiration Date 11/20/2024

PRODUCT APPROVED as complying with the Florida Building Code
NOA-No. 18-0719.03
Approval Date, 11/29/2018

By
Miami-Dade Product Control

MICHELLE A. M. MASSAR
State of Florida - Miami-Dade County

60-022497-00D
<table>
<thead>
<tr>
<th>LINE ITEM</th>
<th>SHEET NUMBER</th>
<th>MATERIAL</th>
<th>DESCRIPTION</th>
<th>PENNBARRY NUMBER</th>
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<td>6063-T6 ALUM</td>
<td>LOUVER HEAD FRAME</td>
<td>7-0-021995-008</td>
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<td>LOUVER SLL FRAME</td>
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<td>6063-T5 ALUM</td>
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<td>6063-T5 1/8&quot; ALUM</td>
<td>6X8&quot; RECT. TUBE ROOF SUPPORT</td>
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<td>6063-T6 1/8&quot; ALUM</td>
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<td>9</td>
<td>3003-H14 3/8&quot; ALUM</td>
<td>SPECIAL LIFTING LUG</td>
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<td>12372A9096 HINGE 1/8&quot; THK., 3/8&quot; PIN, 2&quot; KNUT</td>
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<td>1 1/2&quot;X1 1/2&quot;X1/8&quot;X1/2&quot; CLIP ANGLE</td>
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<td>21</td>
<td>CARBON STEEL, ZC</td>
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**Curb Substrate Fastener Table 2 (By Others)**

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<tr>
<th>SUBSTRATE TYPE</th>
<th>MIN. SUBSTRATE REQUIREMENTS</th>
<th>FASTENER TYPE</th>
<th>MIN. EMBEDMENT</th>
<th>MIN. EDGE DISTANCE</th>
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<tr>
<td>WOOD</td>
<td>0.42 SPECIFIC GRAVITY</td>
<td>3/8&quot; DIA. LAG SCREW</td>
<td>3&quot;</td>
<td>1 1/2&quot;</td>
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<tr>
<td>STEEL</td>
<td>12 GA, 40 KSI TENSILE STRENGTH, 33 KSI YIELD STRENGTH</td>
<td>1/4&quot; DIA. SELF TAPPING SCREW</td>
<td>3 THREADS BEYOND SUB.</td>
<td>3/8&quot;</td>
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<td>CONCRETE</td>
<td>2500 PSI COMP. STRENGTH</td>
<td>3/8&quot; DIA. HILTI KVX BOLT 3, CARBON STEEL</td>
<td>2 1/2&quot;</td>
<td>2 1/2&quot;</td>
</tr>
</tbody>
</table>

**Product Renewed**

- as complying with the Florida Building Code
- NoA-No. 19-1015.14
- Expiration Date 11/20/2024
- By Miami-Dade Product Control

**Product Approved**

- as complying with the Florida Building Code
- NoA-No. 10-0719.03
- Approval Date 11/28/2016
- By Miami-Dade Product Control

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**State of Florida**

- No 84659
- State of Florida

**MELISSA M. MASSAR, P.E.**

- No. 84659

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**PAMM PENHOUSE**

- ITEM LIST AND APPROVED ATTACHMENTS TABLE
- 60-022497-000
ITEM 9 - 4"X1" SUPPORT (LONG)

ITEM 10 - WATER SEAL
LENGTH: 96 7/16"

ITEM 11 - SPECIAL LIFTING LUG

ITEM 12 - WATER SEAL AT END

ITEM 14 - WATER SEAL AT END DETAIL

NOTES:
L. REF SHEET 6 FOR MATERIAL.

PRODUCT RENEWED
as complying with the Florida Building Code.
NOA-No. 19-1015.14
Expiration Date 11/20/2024
By Miami-Dade Product Control

PRODUCT APPROVED
as complying with the Florida Building Code.
NOA-No. 18-0719.03
Approval Date 11/29/2018
By Miami-Dade Product Control
ITEM 12 - LEFT HAND CORNER FLASHING

ITEM 13 - RIGHT HAND CORNER FLASHING

ITEM 19 - 1 1/2"X1 1/2"X1/8"X1/2" CLIP ANGLE

ITEM 17 - PENTHOUSE ROOF SKIN

NOTES:
1. REF SHEET 6 FOR MATERIAL.

PRODUCT RENEWED
as complying with the Florida Building Code
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FOR OFFICE USE ONLY

PHW PENTHOUSE PART DETAILS
60-022497-00D