

### DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION NOTICE OF ACCEPTANCE (NOA)

Air System Components, Inc. dba PennBarry 605 Shiloh Rd. 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: Series WWC Aluminum Rooftop Gravity Vents**

**APPROVAL DOCUMENT:** Drawing No. **08-01542**, titled "Weather Cap Spun Aluminum – Curb Mount Intake or Exhaust Roof Vent", sheets 1 through 7 of 7, dated 08/30/2016, with revision dated 08/25/2020, prepared by Air System Components, Inc. dba PennBarry, signed and sealed by Gary T. Hartman, 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, 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** and **revises NOA # 17-0112.07** 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 Carlos M. Utrera, P.E.



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NOA No. 20-0625.09 Expiration Date: September 3, 2025 Approval Date: October 22, 2020 Page 1

# **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

### 1. Evidence submitted under previous NOAs

#### A. DRAWINGS "Submitted under NOA #17-0112.07"

1. Drawing No. 08-01542, titled "Weather Cap Spun Aluminum – Curb Mount Intake or Exhaust Roof Vent", sheets 1 through 7 of 7, dated 08/30/2016, prepared by Air System Components, Inc. dba PennBarry, signed and sealed by Thomas D. Sullivan, P.E.

#### B. TESTS "Submitted under NOA #17-0112.07"

Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94

 Large Missile Impact Test per FBC, TAS 201-94
 along with marked-up drawings and installation diagram of Model Weather Cap (WC) 48
 aluminum roof vent, prepared by Intertek/ATI, Test Report No. G1565.01-801-18, dated 10/31/2016, with revision dated 02/28/2017, signed and sealed by Tyler Westerling, P.E.

#### "Submitted under NOA #15-0720.09"

Test report on Uniform Static Air Pressure Test per FBC, TAS 202-94 along with marked-up drawings and installation diagram of Weather Cap Spun Aluminum Curb Mount Intake or Exhaust Roof Vents, prepared by Architectural Testing, Inc., Test Report No. B7885.02-801-18, dated 06/26/2012, with Revision 1 dated 08/21/2012, signed and sealed by Shawn G. Collins, P.E.

### C. CALCULATIONS "Submitted under NOA #17-0112.07"

1. Anchor verification calculations prepared by JB and B Engineering Consultants, LLC, dated 03/15/2017, signed and sealed by Thomas D. Sullivan, P.E.

#### "Submitted under NOA #15-0720.09"

2. Anchor verification calculations prepared by Luis R. Lomas, P.E., dated 01/26/2015, signed and sealed by Luis R. Lomas, 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 #17-0112.07"

1. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC and of no financial interest issued by JB and B Engineering Consultants, LLC, dated 04/03/2017, signed and sealed by Thomas D. Sullivan, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 20-0625.09 Expiration Date: September 3, 2025 Approval Date: October 22, 2020

# **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

## 2. New evidence submitted

## A. DRAWINGS

1. Drawing No. **08-01542**, titled "Weather Cap Spun Aluminum – Curb Mount Intake or Exhaust Roof Vent", sheets 1 through 7 of 7, dated 08/30/2016, with revision dated 08/25/2020, prepared by Air System Components, Inc. dba PennBarry, signed and sealed by Gary T. Hartman, P.E.

# B. TESTS

1. None.

## C. CALCULATIONS

1. Analysis and supplementary calculations prepared by Gary T. Hartman, P.E., dated 08/25/2020, signed and sealed by Gary T. Hartman, P.E.

## D. QUALITY ASSURANCE

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

# E. MATERIAL CERTIFICATIONS

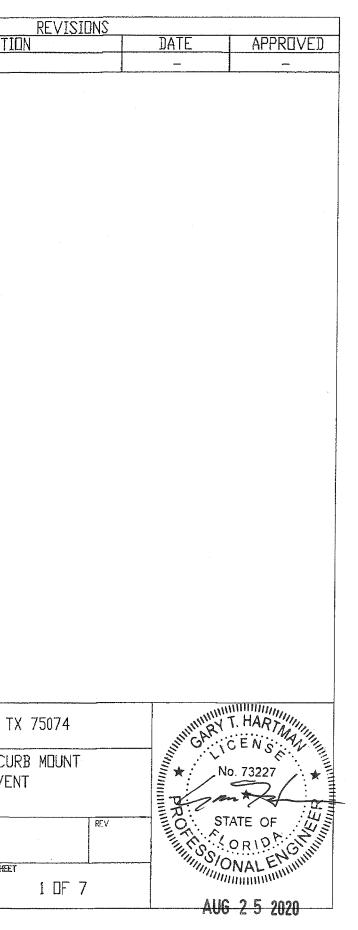
1. None.

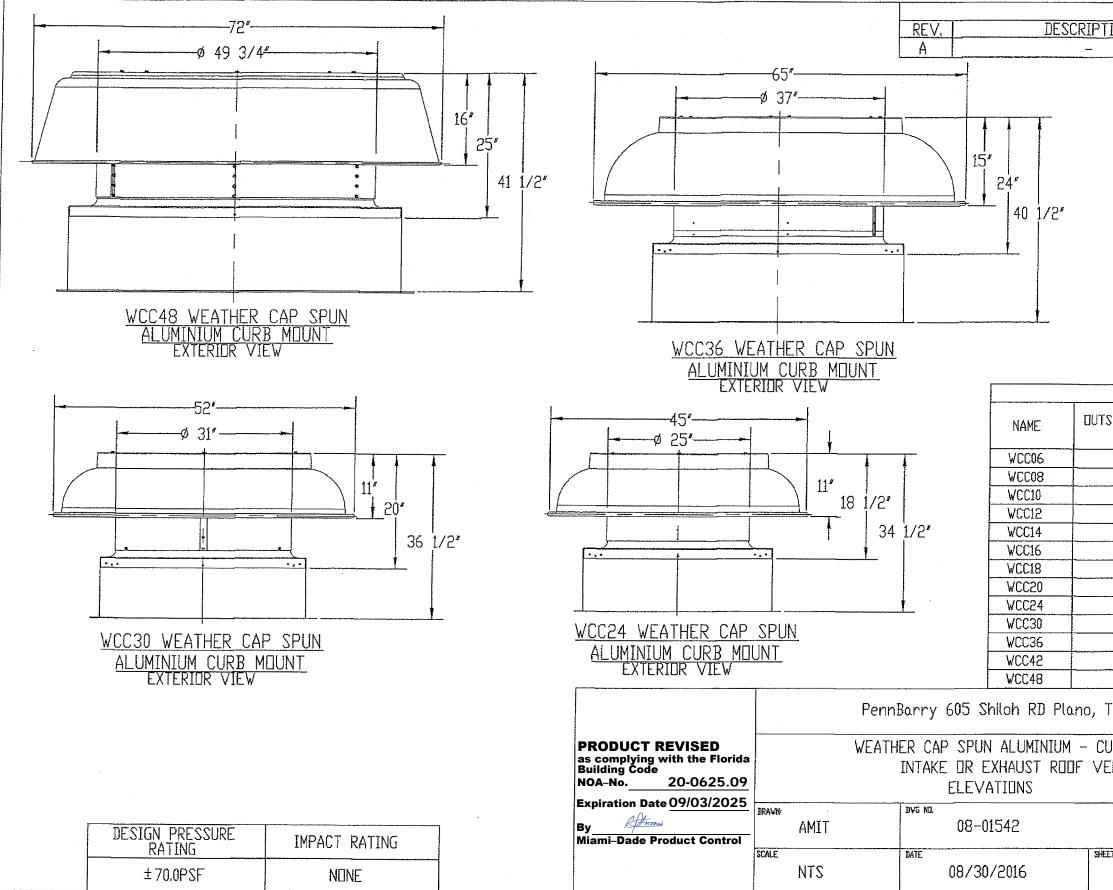
## F. STATEMENTS

- 1. Statement letter of code conformance to the 6<sup>th</sup> edition (2017) and 7<sup>th</sup> edition (2020) of the FBC issued by Gary T. Hartman, P.E., dated 08/25/2020, signed and sealed by Gary T. Hartman, P.E.
- 2. Statement letter of no financial interest issued by Gary T. Hartman, P.E., dated 08/25/2020, signed and sealed by Gary T. Hartman, P.E.
- **3.** Distributor agreement dated 04/01/2020.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 20-0625.09 Expiration Date: September 3, 2025 Approval Date: October 22, 2020

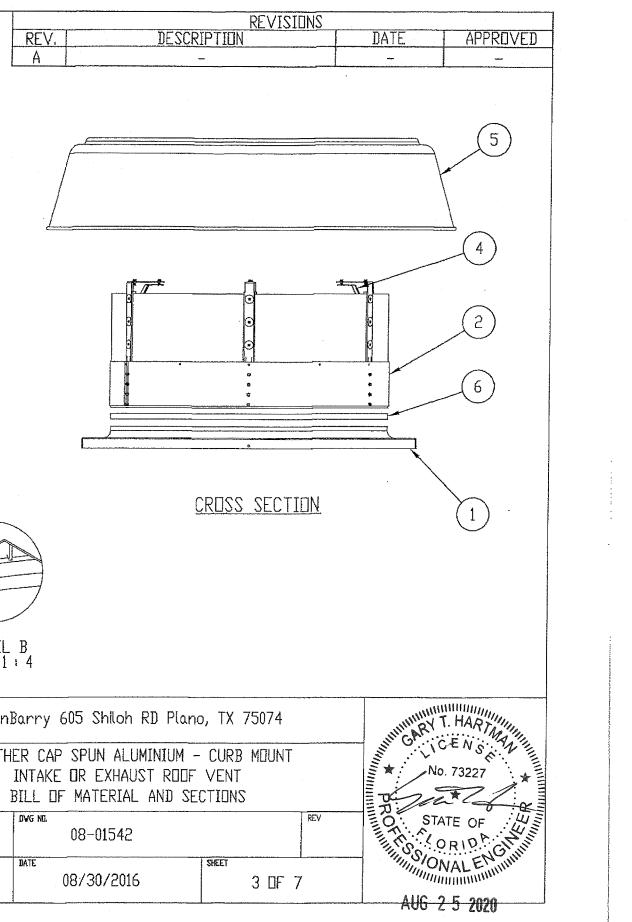
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ND	TES:			REV. DES	SCRIPTI				
1.	1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH A								
2.	WOOD & METAL FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, FRAMING AND CONCRETE OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD,								
3,	DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE, SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD								
4.	ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN, WIND LOAD DURATION FACTOR CH=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS,								
5,	FOR ANCHORING INTO WOOD FRAMING, #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE, LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.								
6.	FOR ANCHORING INTO CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE, LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.								
7.	FOR ANCHORING INTO METAL STRUCTURE USE #12 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL, LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.								
8,	ALL FASTENERS TO BE CORROSION RESISTANT.								
9,	INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRUCTIONS THAN THE MINIMUM STRENGTH SPECIFIED BELOW: A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.55 B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI, C. METAL STRUCTURE: STEEL 1/8' THK., 36KSI (Min.) OR ALUMINUM 6063 MINIMUM	ATES WITH							
10.	THIS APPROVAL IS FOR STRUCTURAL PERFORMANCE AND IMPACT RESISTANCE MECHANISM AND/OR ELECTRICAL CIRCUITRY ARE DUTSIDE THE SCOPE OF TH	E ONLY. INTERIOR IS APPROVAL,							
11,	THESE UNITS WERE NOT TESTED FOR WATER PENETRATION PER FBC. TAS 10 BE INSTALLED WITHIN RIDGE AREA (FBC 1523.6.5.2.13)	10(A), THEY CANNOT							
			Per	nnBarry 605 Shiloh RD Pi	lano, T)				
	TABLE OF CONTENTS								
		Expiration Date <u>09/03/2025</u>	DRAVN	<sup>DWG N⊡</sup> 08−01542					
		Miami Dada Product Control	SCALE	DATE	SHEET				
	3 B.O.M. AND SECTIONS 4-7 INSTALLATION DETAILS		NTS	08/30/2016					
L	4-7 INSTALLATION DETAILS	·····	NI S	087 307 2010					

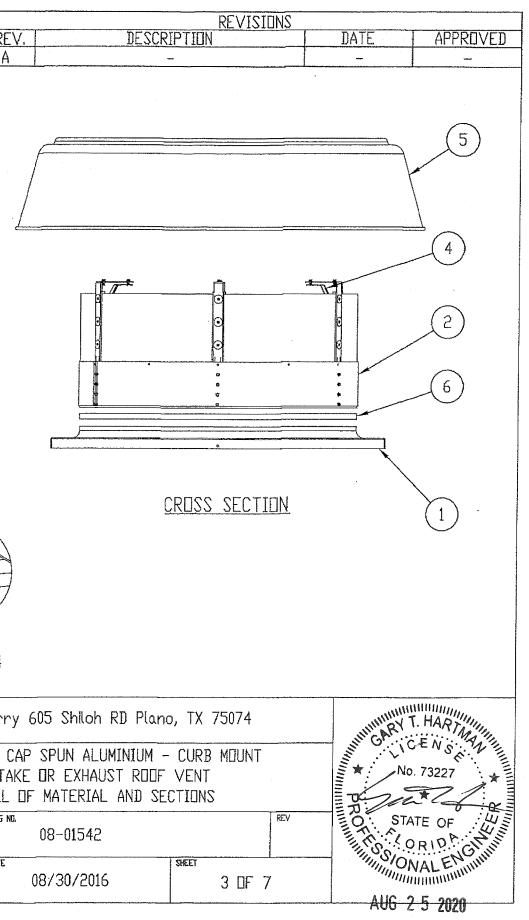


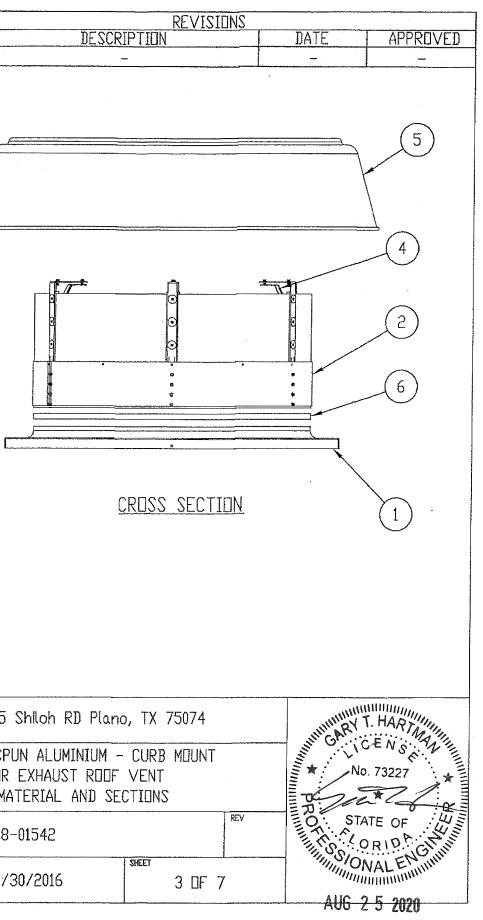


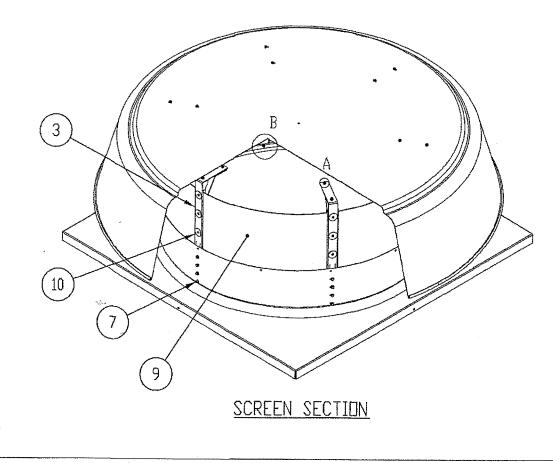
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	DATE					
ION	DAIL	APPROVED				
		3 1/2"				
<u>WCC06 WEATHER CAP SPUN</u> <u>ALUMINIUM CURB MOUNT</u> EXTERIOR VIEW						
APPROVED	MODELS					
SIDE DIAMETER (IN)	AIRSHAFT DIAMETER (IN)	HEIGHT (IN)				
12	7	8.5				
18.5	9	11				
21	11	11				
25	13	13				
28	15	13				
30	17	16.5				
32	19	16.5				
37	21	18				
45	25	18.5				
52	31	20				
65	37	24				
67	43	25				
72	49	25				
TX 75074 URB MOUNT ENT	No No No No No No No No No No	49 25 49 25 With the the test of				
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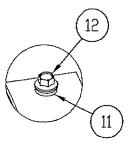
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ITEM ND.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	19265-0	WEATHER CAP CURB MOUNT	PENNBARRY	ALUMINIUM 3003 H-14 0.08" THK.
2	19279-0	AIRSHAFT WCC48	PENNBARRY	ALUMINIUM 3003-H14 0.08" THK.
3	19251-0	SUPPERT WCC48	PENNBARRY	GALVANIZED STEEL 10GA (0.134" THK.)
4	19252-0	GUSSET WCC48	PENNBARRY	GALVANIZED STEEL 10GA (0.134" THK.)
5	19240-0	HOOD WEATHER CAP	PENNBARRY	ALUMINIUM 3003-HO 1/8" THK,
б	63106-0	CROSSLINK FOAM 1/8"x1"	PENNBARRY	
7	55696-0	WHIZ BOLT 1/4-20x3/4"	PENNBARRY	
8	55500-0	WHIZ NUT 1/4-20	PENNBARRY	
9	19292-0	BIRD SCREEN WCC	PENNBARRY	ALUMINIUM 3003-H14 0.04" THK.
10	55442-0	WASHER 1/4×1 1/4	PENNBARRY	
11	55407-0	NEOPRENE WASHER 1/4×0.63	PENNBARRY	
12	55852-0	SELF DRILLING SCREW 1/4-20x3/4	PENNBARRY	

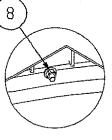












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DETAIL A SCALE 1 : 2

DETAIL B SCALE 1 : 4

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		PennBarry 605 Shlloh RD Plano, TX
PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-0625.09	· · · · · · · · · · · · · · · · · · ·	WEATHER CAP SPUN ALUMINIUM - CURE INTAKE OR EXHAUST ROOF VENT BILL OF MATERIAL AND SECTION
Expiration Date <u>09/03/2025</u> By Miami-Dade Product Control	DRAVNI	DVG NL 08-01542
	scale NTS	DATE 08/30/2016

