

# ELEVATION CERTIFICATE

**Important:** Follow the instructions on pages 1-9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

| SECTION A – PROPERTY INFORMATION  |                 |                                   |  | FOR INSURANCE COMPANY USE |  |
|---|-----------------|-----------------------------------|--|---------------------------|--|
| A1. Building Owner's Name<br>109 Harbor Road, LLC   |                 |                                   |  | Policy Number:            |  |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>109 Harbor Road  |                 |                                   |  | Company NAIC Number:      |  |
| City<br>Township of Upper   |                 | State<br>New Jersey               |  | ZIP Code<br>08223         |  |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)<br>Lot 6 in Block 735  |                 |                                   |  |                           |  |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>   |                 |                                   |  |                           |  |
| A5. Latitude/Longitude: Lat. <u>39°17'14.1"</u> Long. <u>-74°37'20.9"</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983  |                 |                                   |  |                           |  |
| A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.   |                 |                                   |  |                           |  |
| A7. Building Diagram Number <u>8</u>  |                 |                                   |  |                           |  |
| A8. For a building with a crawlspace or enclosure(s):   |                 |                                   |  |                           |  |
| a) Square footage of crawlspace or enclosure(s) <u>1100.00</u> sq ft  |                 |                                   |  |                           |  |
| b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>7</u>   |                 |                                   |  |                           |  |
| c) Total net area of flood openings in A8.b <u>1764.00</u> sq in  |                 |                                   |  |                           |  |
| d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |                 |                                   |  |                           |  |
| A9. For a building with an attached garage:   |                 |                                   |  |                           |  |
| a) Square footage of attached garage <u>640.00</u> sq ft  |                 |                                   |  |                           |  |
| b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>3</u>  |                 |                                   |  |                           |  |
| c) Total net area of flood openings in A9.b <u>756.00</u> sq in   |                 |                                   |  |                           |  |
| d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |                 |                                   |  |                           |  |
| SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION   |                 |                                   |  |                           |  |
| B1. NFIP Community Name & Community Number<br>Township of Upper 340159  |                 |                                   | B2. County Name<br>Cape May County                   |                           | B3. State<br>New Jersey  |
| B4. Map/Panel Number<br>34009C0086  | B5. Suffix<br>F | B6. FIRM Index Date<br>10-05-2017 | B7. FIRM Panel Effective/ Revised Date<br>10-05-2017 | B8. Flood Zone(s)<br>AE   | B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)<br>9 |
| B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:<br><input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____ |                 |                                   |  |                           |  |
| B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____  |                 |                                   |  |                           |  |
| B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA         |                 |                                   |  |                           |  |

# ELEVATION CERTIFICATE

|  |                     |                   |                                  |
|--|---------------------|-------------------|----------------------------------|
| <b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>                                |                     |                   | <b>FOR INSURANCE COMPANY USE</b> |
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>109 Harbor Road |                     |                   | Policy Number:                   |
| City<br>Township of Upper  | State<br>New Jersey | ZIP Code<br>08223 | Company NAIC Number              |

## SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on:     Construction Drawings\*     Building Under Construction\*     Finished Construction

\*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: NJTCM-Ref 0333                      Vertical Datum: N.A.V.D 1988

Indicate elevation datum used for the elevations in items a) through h) below.

NGVD 1929     NAVD 1988     Other/Source: \_\_\_\_\_

Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

- |   |       |  |                                 |
|---|-------|--|---------------------------------|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor)   | 7.60  | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| b) Top of the next higher floor   | 11.60 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only)   | N/A   | <input type="checkbox"/> feet            | <input type="checkbox"/> meters |
| d) Attached garage (top of slab)  | 7.70  | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| e) Lowest elevation of machinery or equipment servicing the building<br>(Describe type of equipment and location in Comments) | 11.10 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG)  | 7.30  | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG)   | 7.50  | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support                                  | 7.50  | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |

## SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

Were latitude and longitude in Section A provided by a licensed land surveyor?     Yes     No                       Check here if attachments.

|   |                         |                       |
|---|-------------------------|-----------------------|
| Certifier's Name<br>Stephen C. Martinelli                 | License Number<br>30089 | Place<br>Seal<br>Here |
| Title<br>Professional Land Surveyor                       |                         |                       |
| Company Name<br>Stephen C. Martinelli Land Surveying, LLC |                         |                       |
| Address<br>1217 S.Shore Road Suite 106                    |                         |                       |
| City<br>Ocean View  | State<br>New Jersey     |                       |

|           |                    |                             |      |
|-----------|--------------------|-----------------------------|------|
| Signature | Date<br>02-06-2018 | Telephone<br>(609) 390-9618 | Ext. |
|-----------|--------------------|-----------------------------|------|

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)  
There are (7) USA Vents Model #FASS located in the foundation of the building. There are (3) USA Vents Model #FASS in the Garage. (See Attached). There is a non-vented 30sq foot elevator enclosure with a pit floor elevation of 6.7(NAVD 88).  
Lowest machinery is the A/C units located on a raised platform outside the Building.  
CK by:SCM(fjs)

# ELEVATION CERTIFICATE

|  |                     |                   |                                  |
|--|---------------------|-------------------|----------------------------------|
| <b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>                                |                     |                   | <b>FOR INSURANCE COMPANY USE</b> |
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>109 Harbor Road |                     |                   | Policy Number:                   |
| City<br>Township of Upper  | State<br>New Jersey | ZIP Code<br>08223 | Company NAIC Number              |

**SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED)  
 FOR ZONE AO AND ZONE A (WITHOUT BFE)**

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_  feet  meters  above or  below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_  feet  meters  above or  below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is \_\_\_\_\_  feet  meters  above or  below the HAG.
- E3. Attached garage (top of slab) is \_\_\_\_\_  feet  meters  above or  below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is \_\_\_\_\_  feet  meters  above or  below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance?  Yes  No  Unknown. The local official must certify this information in Section G.

**SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION**

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_ Telephone \_\_\_\_\_

Comments

Check here if attachments.



# BUILDING PHOTOGRAPHS

OMB No. 1660-0008  
Expiration Date: November 30, 2018

## ELEVATION CERTIFICATE

See Instructions for Item A6.

|  |                     |                   |                                  |
|--|---------------------|-------------------|----------------------------------|
| <b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>                                |                     |                   | <b>FOR INSURANCE COMPANY USE</b> |
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>109 Harbor Road |                     |                   | Policy Number:                   |
| City<br>Township of Upper  | State<br>New Jersey | ZIP Code<br>08223 | Company NAIC Number              |

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



Photo One

Photo One Caption Front View 2-5-18

Clear Photo One



Photo Two

Photo Two Caption Rear View 2-5-18

Clear Photo Two

# BUILDING PHOTOGRAPHS

OMB No. 1660-0008  
Expiration Date: November 30, 2018

## ELEVATION CERTIFICATE

Continuation Page

|  |                     |                   |                                  |
|--|---------------------|-------------------|----------------------------------|
| <b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>                                |                     |                   | <b>FOR INSURANCE COMPANY USE</b> |
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>109 Harbor Road |                     |                   | Policy Number:                   |
| City<br>Township of Upper  | State<br>New Jersey | ZIP Code<br>08223 | Company NAIC Number              |

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.



Photo Three

Photo Three Caption A/C Unit 2-5-18

Clear Photo Three



Photo Four

Photo Four Caption USA Vent 2-5-18

Clear Photo Four



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# ICC-ES Report

## ESR-3907

ICC-ES | (800) 423-6587 | (562) 699-0543 | www.icc-es.org

Issued 10/2016

This report is subject to renewal 10/2017.

**DIVISION: 08 00 00—OPENINGS**

**SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS**

**REPORT HOLDER:**

**USA FLOOD AIR VENTS, LTD.**

**63 PUTNAM STREET, SUITE 202  
SARATOGA SPRINGS, NEW YORK 12866**

**EVALUATION SUBJECT:**

**USA FLOOD AIR VENTS: MODELS FOSS; FASS; FOAL; FAAL; ROAL**



Look for the trusted marks of Conformity!

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## ICC-ES Evaluation Report

ESR-3907

Issued October 2016

This report is subject to renewal October 2017.

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A Subsidiary of the International Code Council®

## DIVISION: 08 00 00—OPENINGS

## Section: 08 95 43—Vents/Foundation Flood Vents

## REPORT HOLDER:

USA FLOOD AIR VENTS, LTD.  
63 PUTNAM STREET  
SUITE 202  
SARATOGA SPRINGS, NEW YORK 12866  
(631) 269-1872  
[www.usafloodairvents.com](http://www.usafloodairvents.com)  
[info@usafloodairvents.com](mailto:info@usafloodairvents.com)

## EVALUATION SUBJECT:

USA FLOOD AIR VENTS: MODELS FOSS; FASS; FOAL;  
FAAL; ROAL

## 1.0 EVALUATION SCOPE

## Compliance with the following codes:

- 2015 and 2012 *International Building Code*® (IBC)
- 2015 and 2012 *International Residential Code*® (IRC)

## Property evaluated:

- Physical operation
- Water flow
- Ventilation

## 2.0 USES

The USA Flood Air Vents are used to provide for the equalization of hydrostatic flood forces on exterior walls. Certain models also allow natural ventilation.

## 3.0 DESCRIPTION

## 3.1 General:

USA Flood Air Vents are engineered mechanically operated flood vents that automatically allow flood waters to enter and exit enclosed areas. The vents are constructed of stainless steel or aluminum. On contact with rising flood water, the grill will disengage from its secured position, allowing flood water and debris to flow through in either direction. See Table 1 for vent sizes and Figure 1 for an illustration of the vents.

**3.1.1 FOSS:** The FOSS is constructed of stainless steel and has a solid flap to prevent the free flow of air into the under-floor space.

**3.1.2 FASS:** The FASS is constructed of stainless steel and has a flap with  $\frac{1}{4}$  inch (6 mm) diameter holes to allow for the ventilation of under-floor spaces.

**3.1.3 FOAL:** The FOAL is constructed of aluminum and has a solid flap to prevent the free flow of air into the under-floor space.

**3.1.4 FAAL:** The FAAL is constructed of aluminum and has a flap with  $\frac{1}{4}$  inch (6 mm) diameter holes to allow for the ventilation of under-floor spaces.

**3.1.5 ROAL:** The ROAL is constructed of aluminum and has a solid flap to prevent the free flow of air into the under-floor space. It is intended for retrofit applications.

## 3.2 Engineered Opening:

The USA Flood Air Vents flood vents comply with the design principle noted in Section 2.7.2.2 of ASCE/SEI 24-14 (Section 2.6.2.2 of ASCE/SEI 24-05) for a rate of rise and fall of 5 feet per hour (0.423 mm/s). In order to comply with the engineered opening requirement of ASCE/SEI 24, USA Flood Air Vents flood vents must be installed in accordance with Section 4.0.

## 3.3 Ventilation:

USA Flood Air Vents models FASS and FAAL have  $\frac{1}{4}$  inch (6 mm) diameter holes in the flap to supply natural ventilation for under-floor ventilation. See Table 1 for the net free area provided for under-floor ventilation.

## 4.0 DESIGN AND INSTALLATION

USA Flood Air Vents flood vents are designed to be installed into walls or doors of existing or new construction. Installation of the flood vents must be in accordance with the manufacturer's instructions, the applicable code and this report. USA Flood Air Vents flood vents can be installed in wood, masonry and concrete walls. In order to comply with the engineered opening design principle noted in Section 2.7.2.2 of ASCE/SEI 24-14 (Section 2.6.2.2 of ASCE/SEI 24-05), the USA Flood Air Vents flood vents must be installed as follows:

- With a minimum of two openings on different sides of each enclosed area.
- With a minimum of one flood vent per the amount of enclosed area coverage noted in Table 1.
- Below the base flood elevation.
- With the bottom of the flood vent located a maximum of 12 inches (305 mm) above grade.

**5.0 CONDITIONS OF USE**

The USA Flood Air Vents described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 The USA Flood Air Vents flood vents must be installed in accordance with this report, the applicable code and the manufacturer's installation instructions. In the event of a conflict, the instructions in this report govern.
- 5.2 The USA Flood Air Vents flood vents must not be used in place of "breakaway walls" in coastal high hazard areas, but are permitted for use in conjunction with breakaway walls in other areas.

**6.0 EVIDENCE SUBMITTED**

Data in accordance with the ICC-ES Acceptance Criteria for Mechanically Operated Flood Vents (AC364), dated August 2015.

**7.0 IDENTIFICATION**

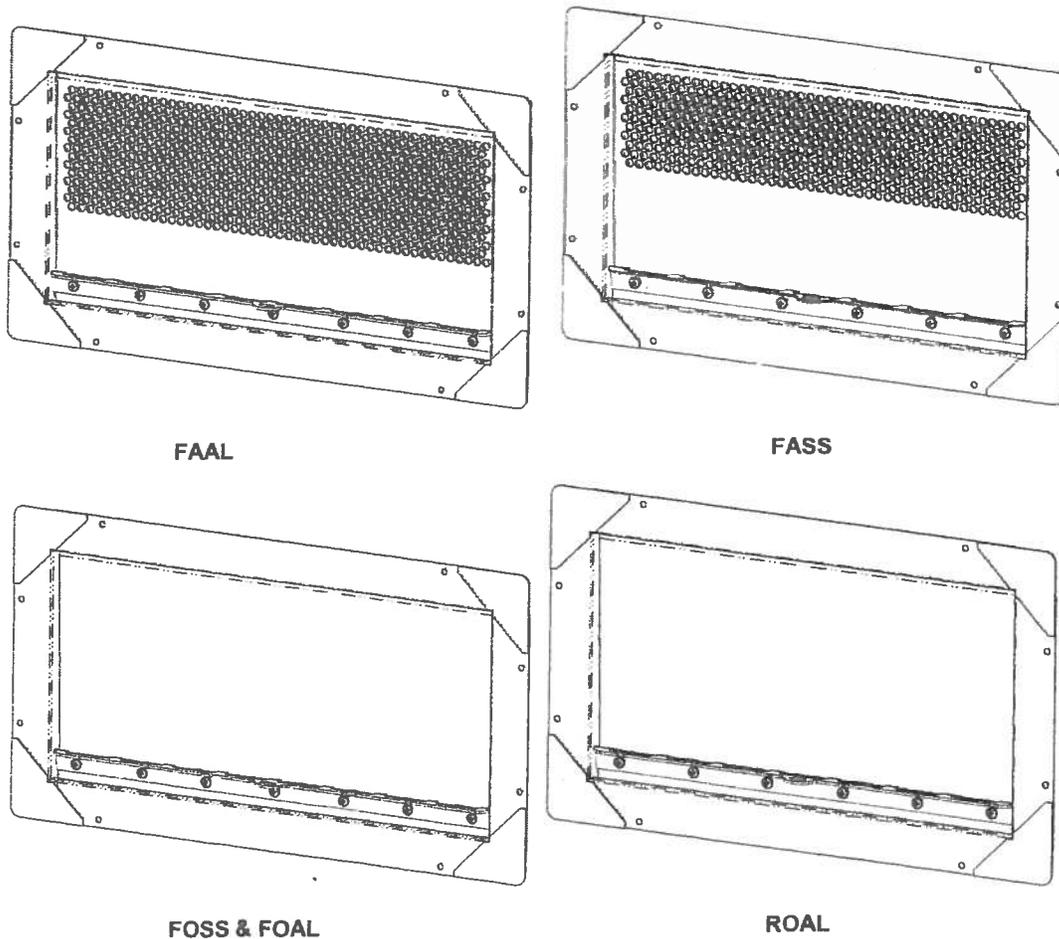
The USA Flood Air Vents models recognized in this report are identified by a label bearing the manufacturer's name, the model designation, and the evaluation report number (ESR-3907).

**TABLE 1—USA FLOOD AIR VENTS**

| MODEL DESIGNATION | VENT SIZE (Width x Height) (in) | ROUGH OPENING SIZE (Width x Height) (in) | ENCLOSED AREA COVERAGE (ft <sup>2</sup> ) | FLAP NET FREE AREA <sup>1</sup> (in <sup>2</sup> ) |
|-------------------|---------------------------------|--|---|--|
| FOSS              | 18 x 10                         | 15 1/2 x 7 1/2                           | 252                                       | None   |
| FASS              | 18 x 10                         | 15 1/2 x 7 1/2                           | 252                                       | 28   |
| FOAL              | 18 x 10                         | 15 1/2 x 7 1/2                           | 252                                       | None   |
| FAAL              | 18 x 10                         | 15 1/2 x 7 1/2                           | 252                                       | 37   |
| ROAL              | 16 1/8 x 10                     | 13 1/8 x 7 1/2                           | 224                                       | None   |

For SI: 1 inch = 25.4 mm

<sup>1</sup>Net free area in the vent flap for under-floor space ventilation.



**FIGURE 1—USA FLOOD AIR VENTS**

**ICC-ES Evaluation Report****ESR-3907 CBC and CRC Supplement**

Issued October 2016

*This report is subject to renewal October 2017.*[www.icc-es.org](http://www.icc-es.org) | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

**DIVISION: 08 00 00—OPENINGS****Section: 08 95 43—Vents/Foundation Flood Vents****REPORT HOLDER:**

**USA FLOOD AIR VENTS, LTD.**  
63 PUTNAM STREET, SUITE 202  
SARATOGA SPRINGS, NEW YORK 12866  
(631) 269-1872  
[www.usafloodairvents.com](http://www.usafloodairvents.com)  
[info@usafloodairvents.com](mailto:info@usafloodairvents.com)

**EVALUATION SUBJECT:****USA FLOOD AIR VENTS: MODELS FOSS; FASS; FOAL; FAAL; ROAL****1.0 REPORT PURPOSE AND SCOPE****Purpose:**

The purpose of this evaluation report supplement is to indicate that USA Flood Air Vents, recognized in ICC-ES master evaluation report ESR-3907, have also been evaluated for compliance with flood vent provisions of ASCE 24 referenced in CBC Chapters 16 and 16A and CRC Section R322; and ventilation provisions of CBC Section 1203.3 and CRC Section R408.2.

**Applicable code editions:**

- 2013 California Building Code (CBC)
- 2013 California Residential Code (CRC)

**2.0 CONCLUSIONS****2.1 CBC:**

The USA Flood Air Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-3907, comply with flood vent provisions of ASCE 24 referenced in CBC Chapters 16 and 16A and ventilation provisions of CBC Section 1203.3, provided the applicable vents are designed and installed in accordance with the 2012 *International Building Code*® (IBC) provisions noted in the master report and the additional requirements of CBC Chapters 16 and 16A and CBC Section 1203.3, as applicable.

**2.2 CRC:**

The USA Flood Air Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-3907, comply with flood vent provisions of ASCE 24 referenced in CRC Section R322; and ventilation provisions of CRC Section R408.2, provided the applicable vents are designed and installed in accordance with the 2012 *International Residential Code*® (IRC) provisions noted in the master report and the additional requirements of CRC Sections R408.2 and R322, as applicable.

This supplement expires concurrently with the master report, issued October 2016.

**ICC-ES Evaluation Report****ESR-3907 FBC Supplement**

Issued October 2016

This report is subject to renewal October 2017.

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**DIVISION: 08 00 00—OPENINGS**  
**Section: 08 95 43—Vents/Foundation Flood Vents****REPORT HOLDER:****USA FLOOD AIR VENTS, LTD.**  
63 PUTNAM STREET, SUITE 202  
SARATOGA SPRINGS, NEW YORK 12866  
(631) 269-1872  
[www.usafloodairvents.com](http://www.usafloodairvents.com)  
[info@usafloodairvents.com](mailto:info@usafloodairvents.com)**EVALUATION SUBJECT:****USA FLOOD AIR VENTS: MODELS FOSS; FASS; FOAL; FAAL; ROAL****1.0 REPORT PURPOSE AND SCOPE****Purpose:**

The purpose of this evaluation report supplement is to indicate that USA Flood Air Vents, recognized in ICC-ES master evaluation report ESR-3907, has also been evaluated for compliance with the codes noted below.

**Applicable code editions:**

- 2014 Florida Building Code—Building
- 2014 Florida Building Code—Residential

**2.0 CONCLUSIONS**

The USA Flood Air Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-3907, complies with the Florida Building Code—Building and Florida Building Code—Residential, provided the design and installation are in accordance with the 2012 International Building Code® provisions noted in the master report.

Use of the USA Flood Air Vents has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the Florida Building Code—Building and Florida Building Code—Residential.

For products falling under Florida Rule 9N-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission).

This supplement expires concurrently with the master report, issued October 2016.



**NFIP**  
**NATIONAL FLOOD INSURANCE PROGRAM**

MAP INDEX

**FIRM**  
**FLOOD INSURANCE RATE MAP**  
**CAPE MAY COUNTY,**  
**NEW JERSEY**  
**(ALL JURISDICTIONS)**

**MAP INDEX**

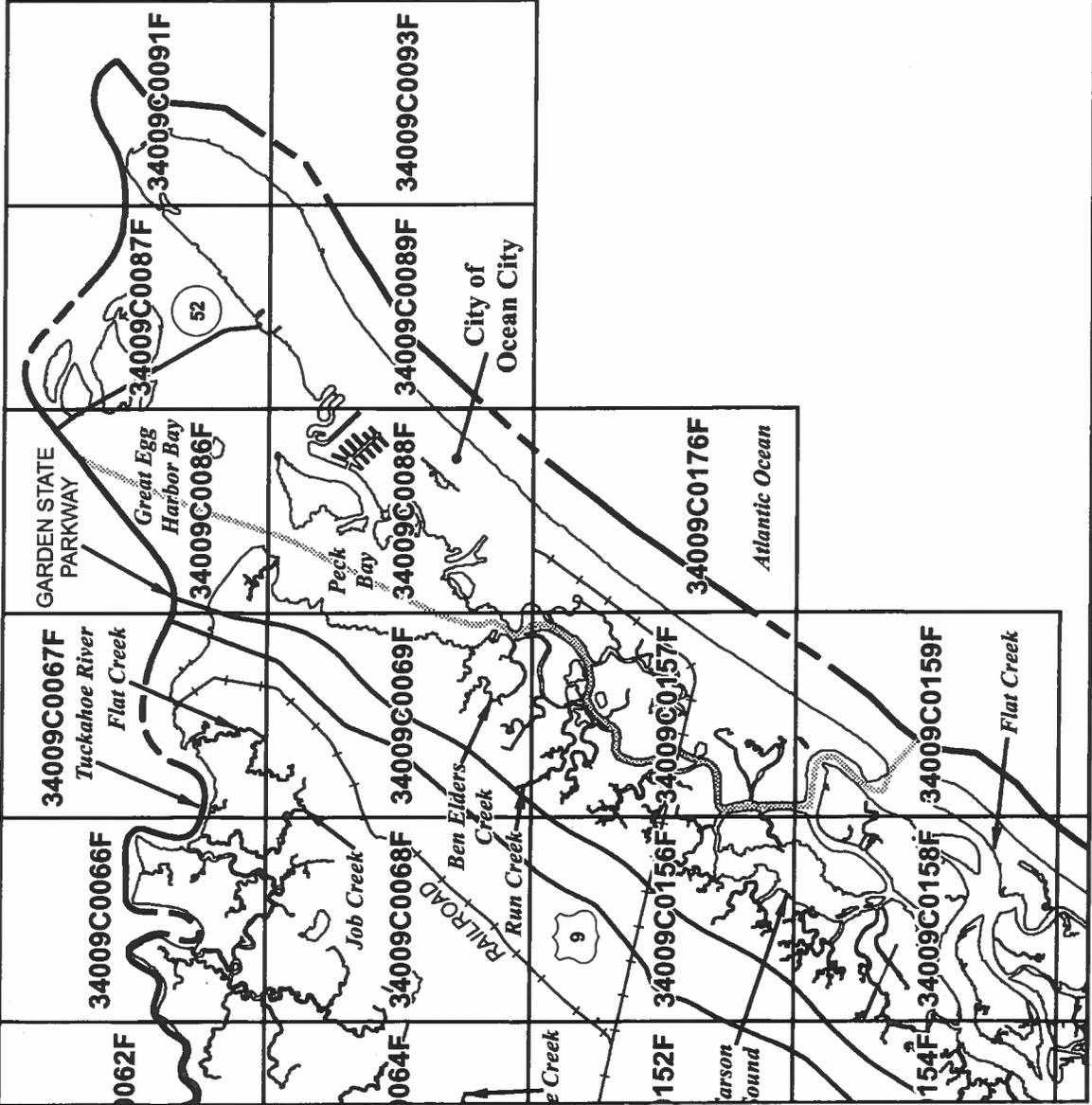
**PANELS PRINTED:** 28, 37, 41, 42, 43, 44,  
81, 82, 83, 84, 86, 87, 88, 89, 89, 89, 91, 93,  
108, 107, 108, 109, 116, 117, 118, 127, 128, 129, 131,  
132, 133, 134, 135, 137, 138, 139, 141, 142, 143, 144,  
151, 152, 153, 154, 155, 157, 158, 159, 161, 162, 163,  
164, 166, 168, 176, 207, 208, 209, 216, 217, 218, 219,  
226, 227, 228, 229, 231, 232, 233, 234, 235, 237, 238,  
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279, 283, 284, 286, 287, 291, 292, 301, 302, 303, 304,  
308, 311

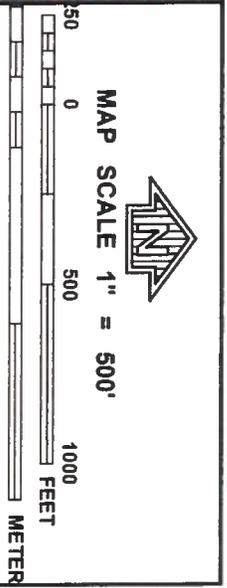
**MAP NUMBER**  
**34009CIND0A**



**EFFECTIVE DATE**  
**OCTOBER 5, 2017**  
**Federal Emergency Management Agency**

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps, check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)





**NFIP**

PANEL 0086F

**FIRM**

**FLOOD INSURANCE RATE MAP**

CAPE MAY COUNTY,  
NEW JERSEY  
(ALL JURISDICTIONS)

**PANEL 86 OF 311**  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS:**

|                    |        |       |        |
|--------------------|--------|-------|--------|
| COMMUNITY          | NUMBER | PANEL | SUFFIX |
| OCEAN CITY CITY OF | 340159 | 0086  | F      |
| UPPER TOWNSHIP OF  | 340159 | 0086  | F      |

**Notes to User:** The Map Number shown below should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.

**U.S. DEPARTMENT OF HOMELAND SECURITY**

**Federal Emergency Management Agency**

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34009C0086F

**EFFECTIVE DATE**  
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