

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expires March 31, 2012

Important: Read the instructions on pages 1-9.

## SECTION A - PROPERTY INFORMATION

For Insurance Company Use:

A1. Building Owner's Name KAVKY DEVELOPMENT LLC

Policy Number

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.  
#29 N. CLARENDON AVENUE

Company NAIC Number

City MARGATE State NJ ZIP Code 08402

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)  
BLOCK 203 LOT 2

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential

A5. Latitude/Longitude: Lat. 39.333 Long. -74.496

Horizontal Datum: ☐ NAD 1927 ☒ 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 8

A8. For a building with a crawlspace or enclosure(s):

A9. For a building with an attached garage:

- a) Square footage of crawlspace or enclosure(s) 1335 sq ft  
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 6\*  
c) Total net area of flood openings in A8.b 1500\* sq in  
d) Engineered flood openings? ☒ Yes ☐ No

- a) Square footage of attached garage \*\* sq ft  
b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade \*\*  
c) Total net area of flood openings in A9.b \*\* sq in  
d) Engineered flood openings? ☐ Yes ☐ No

## SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number City of Margate 345304		B2. County Name Atlantic		B3. State NJ	
B4. Map/Panel Number 345304 / 0001	B5. Suffix C	B6. FIRM Index Date No Index Printed	B7. FIRM Panel Effective/Revised Date 10/18/83	B8. Flood Zone(s) A8	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 10.0

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.

☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe) \_\_\_\_\_

B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe) \_\_\_\_\_

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No  
Designation Date \_\_\_\_\_ ☐ CBRS ☐ OPA

## 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. Use the same datum as the BFE.

Benchmark Utilized PRIVATE Vertical Datum NGVD29

Conversion/Comments \_\_\_\_\_

Check the measurement used.

- a) Top of bottom floor (including basement, crawlspace, or enclosure floor) 7.7\*\*\* ☒ feet ☐ meters (Puerto Rico only)  
b) Top of the next higher floor 11.0 ☒ feet ☐ meters (Puerto Rico only)  
c) Bottom of the lowest horizontal structural member (V Zones only) N/A ☒ feet ☐ meters (Puerto Rico only)  
d) Attached garage (top of slab) \*\*see comments ☒ feet ☐ meters (Puerto Rico only)  
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) N/A ☒ feet ☐ meters (Puerto Rico only)  
f) Lowest adjacent (finished) grade next to building (LAG) 7.2 ☒ feet ☐ meters (Puerto Rico only)  
g) Highest adjacent (finished) grade next to building (HAG) 7.6 ☒ feet ☐ meters (Puerto Rico only)  
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support N/A ☒ feet ☐ meters (Puerto Rico only)

## 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.

☒ Check here if comments are provided on back of form.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

Certifier's Name Paul M. Koelling, PLS

License Number NJ 24GS 04328800

Title Licensed Land Surveyor

Company Name PAUL M. KOELLING & ASSOCIATES

Address P.O. BOX 491

City Northfield

State NJ


ZIP Code 08225

Signature

Date

6-19-12

Telephone (609)568-5762

  
NJ 432880

IMPORTANT: In these spaces, copy the corresponding information from Section A.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. #29 N. CLARENDON AVENUE	For Insurance Company Use: Policy Number
City Margate State NJ ZIP Code 08402	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

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

Comments

\*A8.) 6 "USA flood/air vents" engineered for 250 square inches of net free area each (see attached)

\*\*A9.) DETACHED garage slab (elevation 8.0) is 242 square feet and has 2 "USA flood/air vents"

\*\*\*C2a.) crawlspace

Signature

Date

6-19-12

☐ Check here if attachments

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 8-9 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's or Owner's Authorized Representative's Name

Address	City	State	ZIP Code
Signature	Date	Telephone	
Comments			

☐ Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8 and G9.

- G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. ☐ The following information (Items G4-G9) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
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- G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: \_\_\_\_\_ ☐ feet ☐ meters (PR) Datum \_\_\_\_\_
- G9. BFE or (in Zone AO) depth of flooding at the building site: \_\_\_\_\_ ☐ feet ☐ meters (PR) Datum \_\_\_\_\_
- G10. Community's design flood elevation \_\_\_\_\_ ☐ feet ☐ meters (PR) Datum \_\_\_\_\_

Local Official's Name	Title
Community Name	Telephone
Signature	Date
Comments	

☐ Check here if attachments



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# ICC-ES Report

**ESR-3907**

ICC-ES | (800) 423-6587 | (562) 699-0543 | [www.icc-es.org](http://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**



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(WSSPC) Award in Excellence"*



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## 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 (AC3084), dated August 2016.

## 7.0 IDENTIFICATION

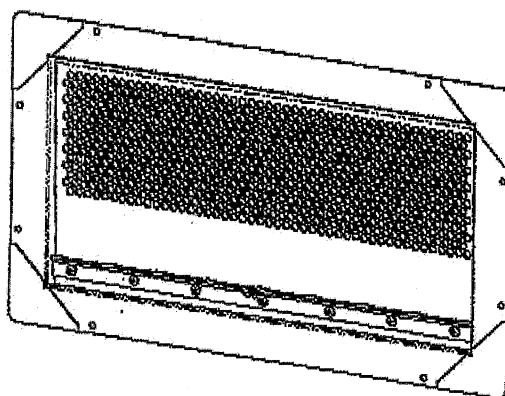
The USA Flood Air Vents models recognized in this report are identified by a label bearing the manufacturer's name, the model designation, and the evaluation report number (ESR-3907).

TABLE 1—USA FLOOD AIR VENTS

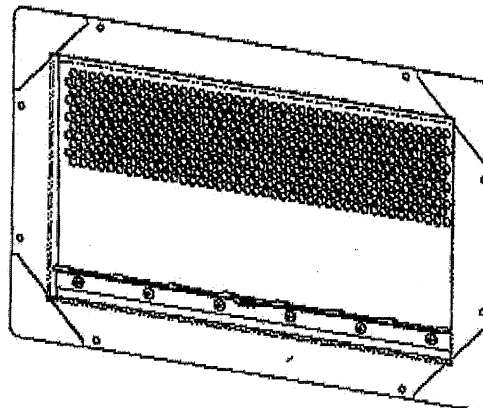
MODEL DESIGNATION	VENT SIZE (Width x Height) (in)	ROUGH OPENING SIZE (Width x Height) (in)	ENCLOSED AREA COVERAGE (ft <sup>2</sup> )	FLAP NET FREE AREA <sup>1</sup> (in <sup>2</sup> )
FOSS	18 x 10	15 1/2 x 7 1/2	252	None
FASS	18 x 10	15 1/2 x 7 1/2	252	28
FOAL	18 x 10	15 1/2 x 7 1/2	252	None
FAAL	18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

For SI: 1 inch = 25.4 mm

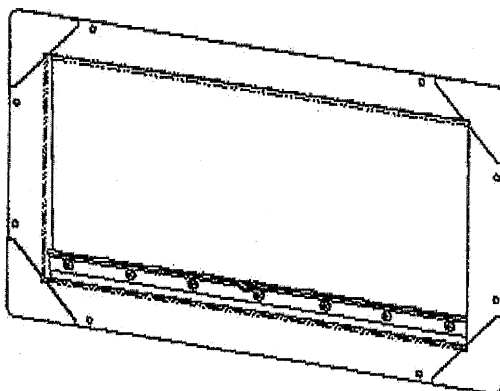
<sup>1</sup>Net free area in the vent flap for under-floor space ventilation.



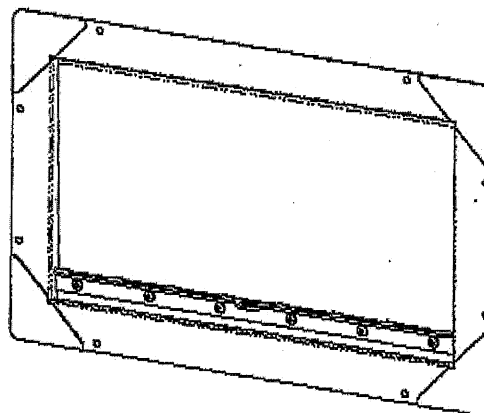
FAAL



FASS



FOSS & FOAL



ROAL

FIGURE 1—USA FLOOD AIR VENTS