

# ELEVATION CERTIFICATE

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

**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. 2135 LEMON AVENUE	FOR INSURANCE COMPANY USE Policy Number:
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City ENGLEWOOD	State Florida	ZIP Code 34223
		Company NAIC Number

## 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-G10. In Puerto Rico only, enter meters.

- 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-G10) is provided for community floodplain management purposes.

G4. Permit Number <b>18-173750 B1</b>	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) \_\_\_\_\_  feet  meters Datum \_\_\_\_\_
- G9. BFE or (in Zone AO) depth of flooding at the building site: \_\_\_\_\_  feet  meters Datum \_\_\_\_\_
- G10. Community's design flood elevation: \_\_\_\_\_  feet  meters Datum \_\_\_\_\_

Local Official's Name \_\_\_\_\_ Title \_\_\_\_\_

Community Name \_\_\_\_\_ Telephone \_\_\_\_\_

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

Comments (including type of equipment and location, per C2(e), if applicable)

Check here if attachments.

# 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 RICHARD A. ROBINSON				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P. O. Route and Box No. 2135 LEMON AVENUE				Company NAIC Number:	
City ENGLEWOOD	State Florida	ZIP Code 34223			
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) LOT 8, BLOCK 38, MANASOTA LAND & TIMBER CO, TAX ID #0476070012					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)		RESIDENTIAL			
A5. Latitude/Longitude: Lat 27.01028° Long. -82.40556°		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>1B</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s)		0 sq ft			
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade		0			
c) Total net area of flood openings in A8.b		0 sq in			
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage		432 sq ft			
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade		3			
c) Total net area of flood openings in A9.b		396 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 SARASOTA COUNTY - 125144			B2. County Name SARASOTA		B3. State Florida
B4. Map/Panel Number 1215C-0344	B5. Suffix F	B6. FIRM Index Date 11-04-2016	B7. FIRM Panel Effective/ Revised Date 11-04-2016	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 11'
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <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 Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
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**IMPORTANT: In these spaces, copy the corresponding information from Section A.**

**FOR INSURANCE COMPANY USE**  
Policy Number:

Building Street Address (including Apt. Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.  
2135 LEMON AVENUE

City  
ENGLEWOOD

State  
Florida

ZIP Code  
34223

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: NGS BM SAR24 EL: 13.37'

Vertical Datum: NAVD1988

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

NGVD 1829  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, crawspace, or enclosure floor)	12.2 feet <input checked="" type="checkbox"/>	_____ meters <input type="checkbox"/>
b) Top of the next higher floor	N/A feet <input checked="" type="checkbox"/>	_____ meters <input type="checkbox"/>
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A feet <input checked="" type="checkbox"/>	_____ meters <input type="checkbox"/>
d) Attached garage (top of slab)	9.7 feet <input checked="" type="checkbox"/>	_____ meters <input type="checkbox"/>
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	12.4 feet <input checked="" type="checkbox"/>	_____ meters <input type="checkbox"/>
f) Lowest adjacent (finished) grade next to building (LAG)	7.0 feet <input checked="" type="checkbox"/>	_____ meters <input type="checkbox"/>
g) Highest adjacent (finished) grade next to building (HAG)	9.0 feet <input checked="" type="checkbox"/>	_____ meters <input type="checkbox"/>
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	N/A feet <input checked="" type="checkbox"/>	_____ meters <input type="checkbox"/>

## 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  
B. GREGORY RIETH License Number  
5228

Title  
PSM/CFM

Company Name  
STRAYER SURVEYING AND MAPPING, INC.

Address  
742 SHAMROCK BLVD

City  
VENICE State  
Florida

ZIP Code  
34293

Signature  
 Date  
01-07-2020 Telephone  
(941) 497-1290 Ext.

Place Seal Here  
8223  
01-07-2020

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)  
FILE #18-05-57. THE OUTSIDE A/C UNIT ON THE SOUTH SIDE OF THE HOME WAS USED FOR SECTION C2e. SECTION A5 WAS DERIVED FROM A HAND HELD G.P.S. UNIT (GPSTEST APP - NO CONVERSION), SUBJECT STRUCTURE HAS (3) FLOOD VENTS, ENGINEERED FOR 915 SQUARE FEET (TOTAL) ATTACHED IS ICC-ES EVALUATION REPORT ESR-3851. CERTIFICATE VALID ONLY WITH ORIGINAL SIGNATURE & RAISED SEAL.

# ELEVATION CERTIFICATE

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

**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. **FOR INSURANCE COMPANY USE**  
 2135 LEMON AVENUE Policy Number:

City **ENGLEWOOD** State **Florida** ZIP Code **34223** 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.

**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.

**FOR INSURANCE COMPANY USE**  
Policy Number:

2135 LEMON AVENUE

Company NAIC Number

City  
ENGLEWOOD

State  
Florida

ZIP Code  
34223

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 A6. If submitting more photographs than will fit on this page, use the Continuation Page.



FRONT VIEW 01/07/2020

Photo One Caption

Clear Photo One



REAR VIEW 01/07/2020

Photo Two Caption

Clear Photo Two

# BUILDING PHOTOGRAPHS

## ELEVATION CERTIFICATE

Continuation Page

OMB No. 1680-0008

Expiration Date: November 30, 2016

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

FOR INSURANCE COMPANY USE

Building Street Address (Including Apt., Unit, Suite, and/or Bldg. No.) or P. O. Route and Box No.

Policy Number:

2135 LEMON AVENUE

City

State

ZIP Code

Company NAIC Number

ENGLEWOOD

Florida

34223

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 A6.



Photo Three Caption

VENTS 01/07/2020

Clear Photo Three

Photo Four Caption

Clear Photo Four



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# ICC-ES Evaluation Report

## ESR-3851

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

Issued 09/2018  
This report is subject to renewal 09/2019.

**DIVISION: 08 00 00—OPENINGS**

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

**REPORT HOLDER:**

**CRAWL SPACE DOOR SYSTEMS, INC.**

**EVALUATION SUBJECT:**

**CRAWL SPACE DOOR SYSTEMS FLOOD VENT**



*"2014 Recipient of Prestigious Western States Seismic Policy Council (WSSPC) Award in Excellence"*

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A Subsidiary of



# ICC-ES Evaluation Report

**ESR-3851**

Issued September 2018  
This report is subject to renewal September 2019.

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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:

CRAWL SPACE DOOR SYSTEMS, INC.

## EVALUATION SUBJECT:

CRAWL SPACE DOOR SYSTEMS FLOOD VENT

### 1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2018 and 2015 *International Building Code*®
- 2018 and 2015 *International Residential Code*®

Properties evaluated:

- Physical operation
- Water flow
- Weathering

### 2.0 USES

Crawl Space Door Systems flood vent is used to provide for the equalization of hydrostatic flood forces on exterior walls.

### 3.0 DESCRIPTION

#### 3.1 General:

Crawl Space Door Systems flood vent is an engineered mechanically operated flood vent. Upon contact with flood water, the flood vent automatically opens and allows flood water to enter and exit enclosed areas. The vents are constructed of general purpose ABS SP-9010 plastic. The vent has a faux louver with either a solid plastic plate or wire mesh attached to the back of the louver. The louver is dislodged from the vent upon contact with flood waters. See Figure 1 for illustrations of the flood vent.

#### 3.2 Engineered Opening:

The Crawl Space Door Systems static flood vent complies with the design principle noted in Section 2.7.2.2 of ASCE/SEI 24 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 24-14, the flood vent must be installed in accordance with Section 4.0 of this report.

### 4.0 DESIGN AND INSTALLATION

The Crawl Space Door Systems flood vent is designed to be installed into walls or doors of existing or new

construction from the exterior side. Installation of the vent must be in accordance with the manufacturer's instructions, the applicable code and this report. In order to comply with the engineered opening design principle noted in Sections 2.7.2.2 and 2.7.3 of ASCE/SEI 24-14, the vent must be installed as follows:

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

#### 5.0 CONDITIONS OF USE

The Crawl Space Door Systems flood vent 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 Crawl Space Door Systems flood vent must be installed in accordance with this report, the applicable code and the manufacturer's published installation instructions. In the event of a conflict, the instructions in this report govern.

5.2 Use of Crawl Space Door Systems flood vent as under-floor space ventilation is outside the scope of this report.

#### 6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Mechanically Operated Flood Vents (AC384), dated August 2015 (Editorially revised October 2017).

#### 7.0 IDENTIFICATION

7.1 The Crawl Space Door Systems flood vent recognized in this report must be identified by a label bearing the manufacturer's name (Crawl Space Door Systems), the model number, and the evaluation report number (ESR-3851).

7.2 The report holder's contact information is the following:

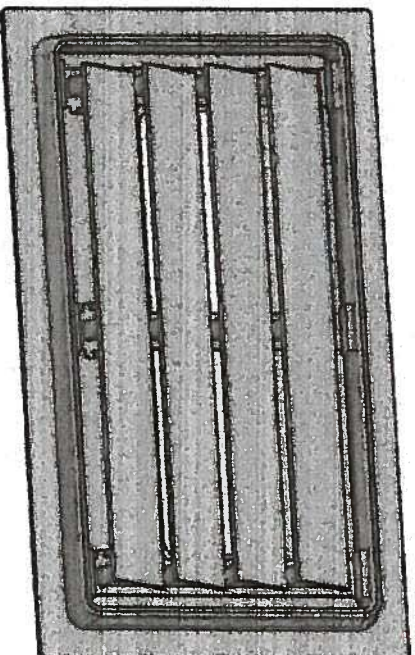
**CRAWL SPACE DOOR SYSTEMS, INC.**  
3669 SEA GULL BLUFF DRIVE  
VIRGINIA BEACH, VIRGINIA 23455  
(757) 363-0005  
[www.crawlspacedoors.com](http://www.crawlspacedoors.com)





**TABLE 1—CRAWL SPACE DOOR SYSTEMS FLOOD VENT**

MODEL	OVERALL VENT SIZE (Width x Height x Depth) (in)	ROUGH OPENING SIZE (Width x Height) (in)	ENCLOSED AREA COVERAGE (ft <sup>2</sup> )
CSBA816	18 <sup>1</sup> / <sub>2</sub> x 10 <sup>1</sup> / <sub>2</sub> x 1 <sup>3</sup> / <sub>4</sub>	16 x 8 <sup>1</sup> / <sub>4</sub>	305



**FIGURE 1—CRAWL SPACE DOOR SYSTEMS FLOOD VENT**

## ICC-ES Evaluation Report

## ESR-3851 FBC Supplement

Issued September 2018

*This report is subject to renewal September 2019.*

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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:**

**CRAWL SPACE DOOR SYSTEMS, INC.**

**EVALUATION SUBJECT:**

**CRAWL SPACE DOOR SYSTEMS FLOOD VENT**

### 1.0 REPORT PURPOSE AND SCOPE

**Purpose:**

The purpose of this evaluation report supplement is to indicate that Crawl Space Door Systems flood vent, recognized in ICC-ES master evaluation report ESR-3851, has also been evaluated for compliance with the codes noted below.

**Applicable code editions:**

- 2017 Florida Building Code—Building
- 2017 Florida Building Code—Residential

### 2.0 CONCLUSIONS

The Crawl Space Door Systems flood vent, described in Sections 2.0 through 7.0 of the master evaluation report ESR-3851, complies with the *Florida Building Code—Building* and *Florida Building Code—Residential*, provided the design and installation are in accordance with the 2015 *International Building Code*® provisions noted in the master report.

Use of the Crawl Space Door Systems flood vent has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the 2017 *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 September 2018.