

83336  
12-5-2014  
RM Lev 22

# ELEVATION CERTIFICATE

AD  
12-6-18

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 CK Holding, LLC ✓					Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 134 Marblehead Drive ✓					Company NAIC Number:	
City Little River ✓		State South Carolina ✓		ZIP Code 29566 ✓		
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Site 18, Cape Cod Cottages @ Marker 350 Pin# 350-04-04-0038 (parent tract) Tax# 130-00-06-001 (parent tract)						
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)					Residential	
A5. Latitude/Longitude: Lat. 33.8532 Long. -78.6566					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 7						
A8. For a building with a crawlspace or enclosure(s):						
a) Square footage of crawlspace or enclosure(s)					1056.00 sq ft	
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade					5	
c) Total net area of flood openings in A8.b					1100.00 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					N/A sq ft	
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade					N/A	
c) Total net area of flood openings in A9.b					N/A sq in	
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION						
B1. NFIP Community Name & Community Number Horry County 450104 ✓			B2. County Name Horry ✓		B3. State South Carolina ✓	
B4. Map/Panel Number 45051C0 581 ✓	B5. Suffix H ✓	B6. FIRM Index Date 09-17-2003 ✓	B7. FIRM Panel Effective/ Revised Date 08-23-1999 ✓	B8. Flood Zone(s) AE ✓	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 12 ✓	
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 checked="" type="checkbox"/> NGVD 1929 <input 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						

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# 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. 134 Marblehead Drive ✓			Policy Number:	
City Little River ✓	State South Carolina ✓	ZIP Code 29566 ✓	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: 9.19' Vertical Datum: NGVD 1929

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.

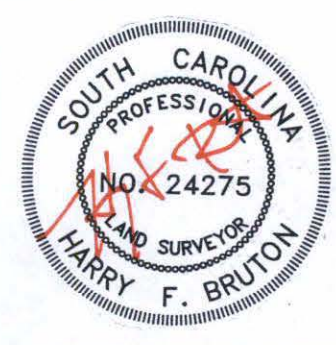
- a) Top of bottom floor (including basement, crawlspace, or enclosure floor) 10.40  feet  meters
- b) Top of the next higher floor 20.60  feet  meters
- c) Bottom of the lowest horizontal structural member (V Zones only) N/A  feet  meters
- d) Attached garage (top of slab) N/A  feet  meters
- e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) 16.50  feet  meters
- f) Lowest adjacent (finished) grade next to building (LAG) 9.90  feet  meters
- g) Highest adjacent (finished) grade next to building (HAG) 10.10  feet  meters
- h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support 10.40  feet  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 Harry F. Bruton, III	License Number 24275
Title Professional Land Surveyor	
Company Name Harry F. Bruton & Associates ✓	
Address 905-2 Sea Mountain Highway	
City North Myrtle Beach	State South Carolina
	ZIP Code 29582



Signature <i>H. F. Bruton</i>	Date 11-30-2018	Telephone (843) 281-8822	Ext.
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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)  
This is a final-construction elevation certificate. Residence is a two story frame elevated on on foundation walls with a full enclosure beneath for parking & storage. Finish floor of residence (1st) at 20.60'. Full enclosure beneath at 10.40' and is equipped with 5 engineered food vents totaling 1,100 sq.in. of vent space for 1,056 sq.ft of enclosure. Flood Flaps model #FFWF05 (220 sq.ft each). Lowest mechanicals (HVAC) located at rear of home on elevated wooden platform at 16.50' ✓

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# 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. 134 Marblehead Drive			Policy Number:
City Little River	State South Carolina	ZIP Code 29566	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.

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# ELEVATION CERTIFICATE

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<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. 134 Marblehead Drive		Policy Number:
City Little River	State South Carolina	ZIP Code 29566
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	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 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
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Community Name	Telephone
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Signature	Date
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Comments (including type of equipment and location, per C2(e), if applicable)

Check here if attachments.

### BUILDING PHOTOGRAPHS

See Instructions for Item A6.

### ELEVATION CERTIFICATE

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
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City Little River	State South Carolina	ZIP Code 29566	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 11/30/2018

Clear Photo One



Photo Two

Photo Two Caption Right 11/30/2018

Clear Photo Two

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**BUILDING PHOTOGRAPHS**

Continuation Page

**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. 134 Marblehead Drive			Policy Number:
City Little River	State South Carolina	ZIP Code 29566	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 Rear 11/30/2018

Clear Photo Three



Photo Four

Photo Four Caption Left 11/30/2018

Clear Photo Four

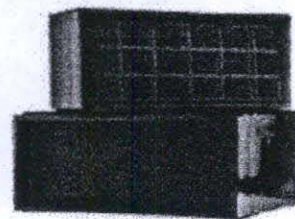
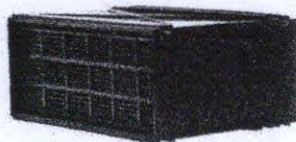
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12-5-2018  
ZML/22

# Sealed Vent Series

Model # 12":  
Model # 8":  
Model # 5":

FFWF12  
FFWF08  
FFWF05

# Flood Flaps



Model #	FFWF12	FFWF08	FFWF05
Depth	12"	8"	5"
Dimensions	15 5/8" x 7 3/4"	15 5/8" x 7 3/4"	15 5/8" x 7 3/4"
Rough Opening	16" x 8"	16" x 8"	16" x 8"
Enclosed Area Covered	220 sq. ft.	220 sq. ft.	220 sq. ft.
Installation Type	Block w/ Brick Skirt	Block or Masonry wall	Stud Wall
Material	UV resistant black ABS plastic		
Components	Plastic grill with anodized metal screen, two rubber flaps		
Color	Black (Standard), Others Available Upon Request		

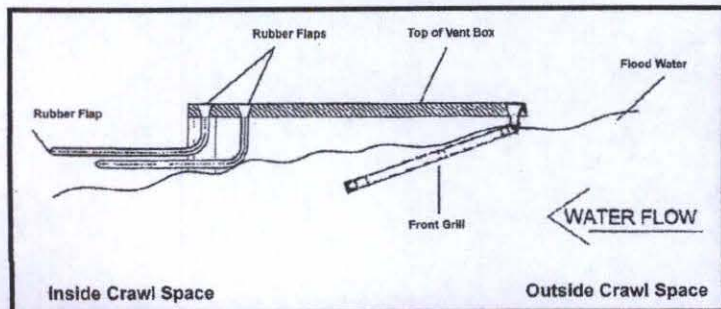
As flood waters rise, hydrostatic pressure builds around the home's foundation. Flood Flaps® patented grill and rubber flaps give way to the pressure of the flood waters, allowing water to enter or exit the enclosed area as necessary. Unlike other flood vents or traditional air vents, our collapsing components allow yard debris and/or trash (up to 5.75") to pass through as well. This is extremely important. As flood waters tend to rise rapidly, clogged flood vents or traditional air vents will often clog with debris and trash, thus preventing water from entering the enclosed area and subjecting it to potential collapse. When not subjected to rising water, it takes roughly 15 lbs. of pressure to force the grill out of its secured position.

### Additional Benefits:

Flood Flaps® flood vents help home owners maintain an aesthetically pleasing look by protecting almost 4 times the amount of enclosed area that non-compliant vents protect. Each Flood Flaps® engineered flood vent covers 220 sq. ft. of enclosed area. Flood Flaps® flood vents are also stackable, another feature preserving the home's elegance.

Flood Flaps® Sealed Series engineered flood vents can contribute toward achievement of credits for LEED-NC certification. Our flood vents use two rubber flaps to seal out air and moisture to ensure the enclosure remains conditioned and airtight. Make sure to specify and install Flood Flaps® Sealed Series engineered flood vents into residential or commercial new construction plans.

Unlike other certified flood vents, our vents don't require any rinsing, lubricating or other routine maintenance tasks. Flood Flaps® flood vents are easy to install and prevent debris and pests from accessing enclosed areas.



**floodflaps.com | 843.881.0190**