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12-5-2014
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U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

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

ELEVATION CERTIFICATE

dd 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: ☐ 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 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? ☒ Yes ☐ 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? ☐ Yes ☒ No

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
Horry County 450104	Horry	South Carolina

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/ Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
45051C0 581	H	09-17-2003	08-23-1999	AE	12

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/Source:

B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other/Source:

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

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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. 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	SOUTH CAROLINA PROFESSIONAL NO. 24275 LAND SURVEYOR HARRY F. BRUTON
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	Date 11-30-2018	Telephone (843) 281-8822 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)

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

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

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. 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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IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
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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

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
Community Name	Telephone
Signature	Date

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

☐ Check here if attachments.

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ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

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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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ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

Continuation Page

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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. 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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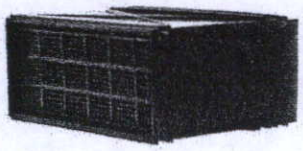
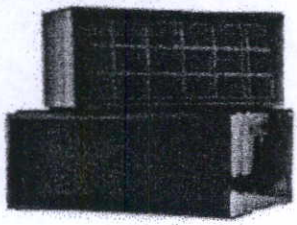
Sealed Vent Series

Model # 12":	FFWF12
Model # 8":	FFWF08
Model # 5":	FFWF05

Flood Flaps

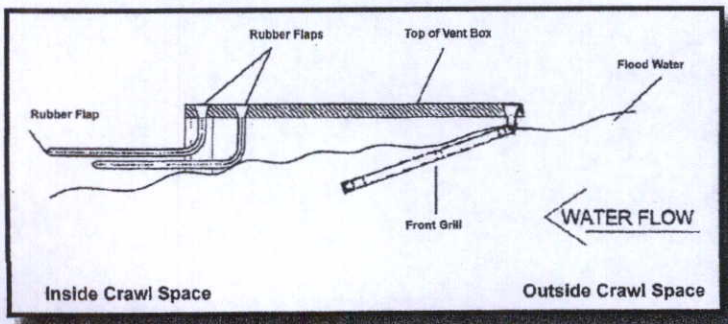
ICC INTERNATIONAL CODE COUNCIL® CERTIFICATION PENDING





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 resistent 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.



floodflaps.com | 843.881.0190

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.