

# ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-9.

79904  
 AH  
 3-12-19

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 <b>Lake Swamp Farm Property, LLC</b>				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>4127 Gunter Lake Rd.</b>				Company NAIC Number:	
City <b>Galivants Ferry</b>		State <b>South Carolina</b>		ZIP Code <b>29544</b>	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <b>PIN 24014030005, DB 4057 PG 2244</b>					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <b>Residential</b>					
A5. Latitude/Longitude: Lat. <b>33°57'10.94"</b> Long. <b>79°19'02.06"</b> 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 <b>8</b>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) <b>1,150</b> sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <b>17</b>					
c) Total net area of flood openings in A8.b <b>3,740</b> 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 <b>N/A</b> sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <b>N/A</b>					
c) Total net area of flood openings in A9.b <b>N/A</b> 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 <b>Horry county 450104</b>			B2. County Name <b>Horry</b>		B3. State <b>South Carolina</b>
B4. Map/Panel Number <b>45051C 0300</b>	B5. Suffix <b>H</b>	B6. FIRM Index Date <b>09/17/2003</b>	B7. FIRM Panel Effective/ Revised Date <b>08/23/1999</b>	B8. Flood Zone(s) <b>A</b>	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) <b>N/A</b>
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 type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input checked="" type="checkbox"/> Other/Source: <b>N/A</b>					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input checked="" type="checkbox"/> Other/Source: <b>N/A</b>					
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  
Expiration Date: November 30, 2018

<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. 4127 Gunter Lake Rd.			Policy Number:
City Galivants Ferry	State South Carolina	ZIP Code 29544	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: VRS network Vertical Datum: NAVD 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.

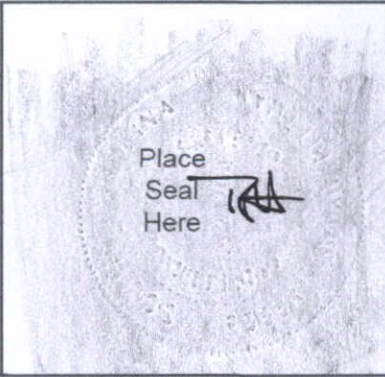
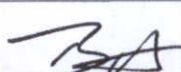
Check the measurement used.

- |   |                               |  |
|---|-------------------------------|--|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor)   | <u>31.0</u>                   | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| b) Top of the next higher floor   | <u>35.0</u>                   | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only)   | <u>N/A</u>                    | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| d) Attached garage (top of slab)  | <u>N/A</u>                    | <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) | <u>31.2</u> <i>See Encl 1</i> | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG)  | <u>30.0</u>                   | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG)   | <u>31.0</u>                   | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support                                  | <u>30.0</u>                   | <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 Robert Bryan Pittman	License Number 23208	
Title PLS		
Company Name Robert Bryan Pittman, PLS		
Address 356 N, Bear Swamp Rd.		
City Lake View	State South Carolina	
Signature 	Date 03/02/2019	Telephone (843) 433-4544

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)

Existing house FF elev is 35.0'.

Proposed fema flood maps will rezone into zone AE 28'.

High water mark left by hurricane Florence +/- 29.0'.

C2.e) refers to HVAC unit.

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City Galivants Ferry	State South Carolina	ZIP Code 29544	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.

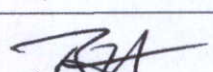
- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ 0 . 0 \_\_\_\_\_  feet  meters  above or  below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ 1 . 0 \_\_\_\_\_  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 \_\_\_\_\_ 4 . 0 \_\_\_\_\_  feet  meters  above or  below the HAG.
- E3. Attached garage (top of slab) is \_\_\_\_\_ N/A . \_\_\_\_\_  feet  meters  above or  below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is \_\_\_\_\_ 0 . 2 \_\_\_\_\_  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

Robert Bryan Pittman

Address 356 N. Bear Swamp Rd	City Lake View	State South Carolina	ZIP Code 29563
Signature 	Date 03/02/2019	Telephone (843) 433-4544	

Comments

Check here if attachments.

# BUILDING PHOTOGRAPHS

## ELEVATION CERTIFICATE

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2018

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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 of house 03/02/2019



Photo Two

Photo Two Caption Rear View of house 03/02/2019



# Flood Flaps Product Guide

## Unmatched Value & Superior Performance

7990b



Flood Vents protect houses and buildings in floodplains by preventing hydrostatic pressure buildup that can destroy walls and foundations. Flood Flaps® flood vents have been evaluated by the ICC-ES (ESR-3560). Florida product (FL 17381) approved, FEMA and NFIP compliant. Each flood vent provides 220 square feet of enclosed area coverage, no matter the model or depth. Our rust resistant engineered ABS plastic is durable and does not require annual preventative maintenance to meet the 5 year warranty. All flood vents designed to fit rough opening of 16" L x 8" H while offering Varying flood vent depths to meet the needs of most installation scenarios.

### Sealed Series Flood Vents (WF) "Superior Performance"

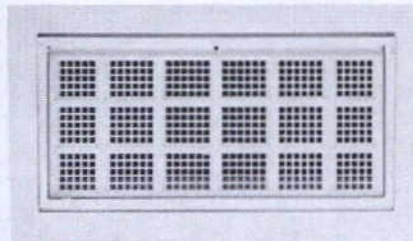
Flood Flaps® Sealed Series models are designed to prevent air, moisture and dust from passing through the flood opening. These models are energy efficient and perfect for a conditioned space, garage or encapsulated crawl space located within a floodplain. Two rubber flaps keep air from passing through the flood opening in non-flood situations. Water pressure will disengage the rubber flaps if necessary to allow water to enter or exit the enclosure.

#### With Trim Flange:

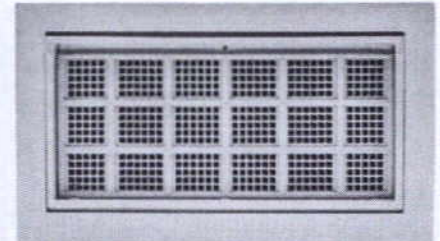
SKU #	UPC#	Coverage area	Foundation Type	Flood Vent Dimensions	Color Options
FFWF12TF	853666 006059	220 sq. ft.	Block with Brick/Stone	15 5/8" L x 7 3/4" H x 12" D	Black, White, Gray
FFWF08TF	853666 006042	220 sq. ft.	Block/Stucco	15 5/8" L x 7 3/4" H x 8" D	Black, White, Gray
FFWF05TF	853666 006035	220 sq. ft.	Wood frame	15 5/8" L x 7 3/4" H x 5" D	Black, White, Gray



**BLACK**  
FFWF12TF  
FFWF08TF  
FFWF05TF



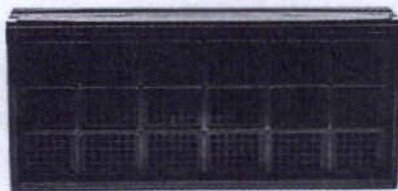
**WHITE**  
FFWF12TF-W  
FFWF08TF-W  
FFWF05TF-W



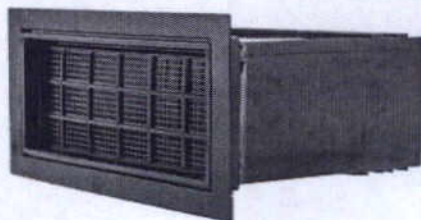
**GRAY**  
FFWF12TF-G  
FFWF08TF-G  
FFWF05TF-G

#### Without Trim Flange:

SKU #	UPC#	Coverage area	Foundation Type	Flood Vent Dimensions	Color Options
FFWF12	865089 000002	220 sq. ft.	Block with Brick/Stone	15 5/8" L x 7 3/4" H x 12" D	Black, White, Gray
FFWF08	865089 000026	220 sq. ft.	Block/Stucco	15 5/8" L x 7 3/4" H x 8" D	Black, White, Gray
FFWF05	865089 000019	220 sq. ft.	Wood frame	15 5/8" L x 7 3/4" H x 5" D	Black, White, Gray



### Multiple Depths - to fit most installation scenarios



12" Depth - Block with Brick/Stone



8" Depth - Block/Stucco Finish



5" Depth - Wood Frame



# Flood Flaps Product Guide

## Unmatched Value & Superior Performance

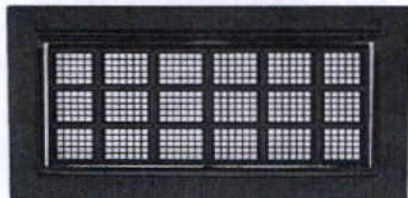


### Multi-Purpose Series Flood Vents (NF) "Unmatched Value"

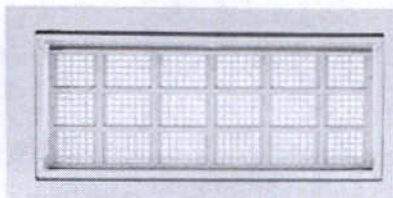
Flood Flaps® Multi-Purpose Series vents are certified to provide flood protection and air ventilation. These models are perfectly designed for an enclosure or crawlspace in a flood plain that desires natural air while still providing efficient flood relief when necessary. The patented grill remains closed and secure until forced open by flood waters, allowing water to enter or exit the enclosed area. These automatic foundation flood vents are also FEMA/NFIP compliant.

#### With Trim Flange:

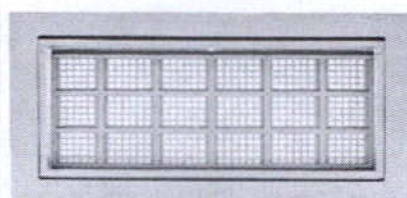
SKU #	UPC#	Coverage area	Foundation Type	Flood Vent Dimensions	Color Options
FFNF12TF	853666 006028	220 sq. ft.	Block with Brick/Stone	15 5/8" L x 7 3/4" H x 12" D	Black, White, Gray
FFNF08TF	853666 006004	220 sq. ft.	Block/Stucco	15 5/8" L x 7 3/4" H x 8" D	Black, White, Gray
FFNF05TF	853666 006011	220 sq. ft.	Wood frame	15 5/8" L x 7 3/4" H x 5" D	Black, White, Gray



**BLACK**  
FFNF12TF  
FFNF08TF  
FFNF05TF



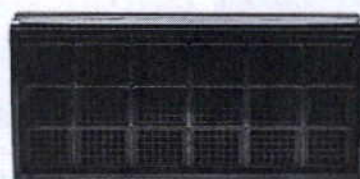
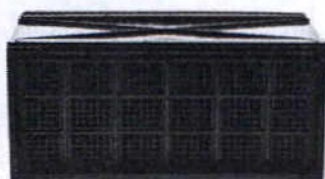
**WHITE**  
FFNF12TF-W  
FFNF08TF-W  
FFNF05TF-W



**GRAY**  
FFNF12TF-G  
FFNF08TF-G  
FFNF05TF-G

#### Without Trim Flange:

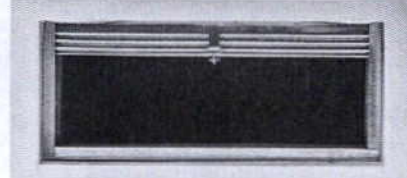
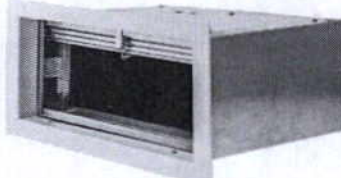
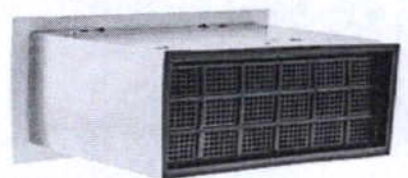
SKU #	UPC#	Coverage area	Foundation Type	Flood Vent Dimensions	Color Options
FFWF12	865089 000002	220 sq. ft.	Block with Brick/Stone	15 5/8" L x 7 3/4" H x 12" D	Black, White, Gray
FFWF08	865089 000026	220 sq. ft.	Block/Stucco	15 5/8" L x 7 3/4" H x 8" D	Black, White, Gray
FFWF05	865089 000019	220 sq. ft.	Wood frame	15 5/8" L x 7 3/4" H x 5" D	Black, White, Gray



### Flood Flaps Fire Damper Kits

Flood Flaps® Fire Damper kit is an ideal solution for transitions (i.e. walls between garages and crawl spaces) requiring both flood protection and fire prevention. The kit includes a 16" x 8" x 2" galvanized fire damper, galvanized interior trim flange and galvanized inner sleeve that is accompanied by a Flood Flaps® Sealed Series engineered flood vent (FFWF05). The fire damper is rated for 3 hours.

SKU #	UPC#	Interior Trim Flange installed	Coverage area	Damper Kit Dimensions
FFFDKT	865089 000071	Yes	220 sq. ft.	16" L x 8" H x 12" D

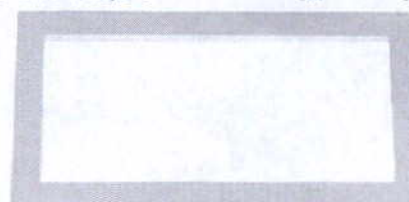


### Flood Vent Accessories

SKU #	UPC#	Dimensions	Weight (LBS)	Colors
FFVATF	853666 006073	16" L x 8" H x 2" D	0.4	Black, White
FFVAWI	853666 006080	16" L x 8" H x 1/2" D	0.2	Charcoal



FFNF05TF with Exterior Winterizer Insulator Accessory



White Interior Trim Flange Accessory



# Flood Flaps Product Guide

## Unmatched Value & Superior Performance

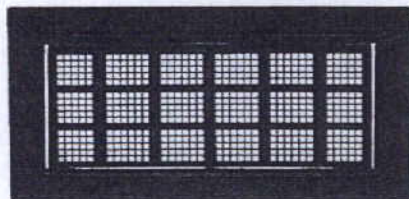


### Multi-Purpose Series Flood Vents (NF) "Unmatched Value"

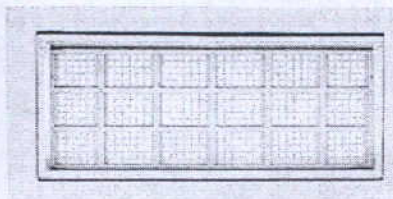
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#### With Trim Flange:

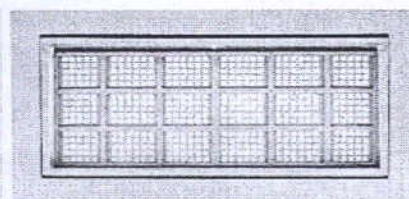
SKU #	UPC#	Coverage area	Foundation Type	Flood Vent Dimensions	Color Options
FFNF12TF	853666 006028	220 sq. ft.	Block with Brick/Stone	15 5/8" L x 7 3/4" H x 12" D	Black, White, Gray
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**BLACK**  
FFNF12TF  
FFNF08TF  
FFNF05TF



**WHITE**  
FFNF12TF-W  
FFNF08TF-W  
FFNF05TF-W



**GRAY**  
FFNF12TF-G  
FFNF08TF-G  
FFNF05TF-G

#### Without Trim Flange:

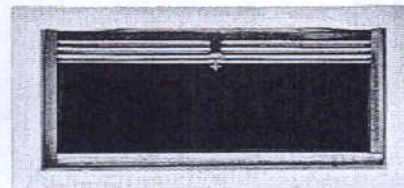
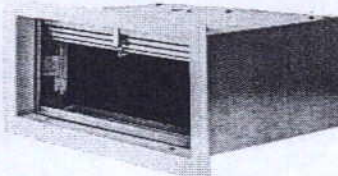
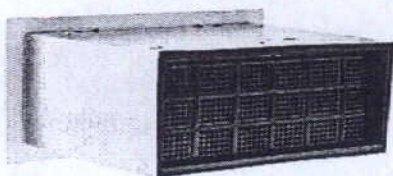
SKU #	UPC#	Coverage area	Foundation Type	Flood Vent Dimensions	Color Options
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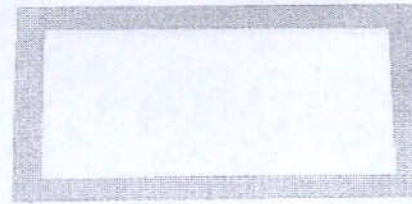


### Flood Vent Accessories

SKU #	UPC#	16" L x 8" H x 12" D	Dimensions	Weight (LBS)	Colors
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FFVAWI	853666 006080	Exterior Winterizer Insulator Accessory	16" L x 8" H x 1/2" D	0.2	Charcoal



FFNF05TF with Exterior Winterizer Insulator Accessory



White Interior Trim Flange Accessory