U.S. DEPARTMENT OF HOMELAND SECURITY Federal Emergency Management Agency National Flood Insurance Program

OMB No. 1660-0008 Expiration Date: November 30, 2022

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 INSUR	ANCE COMPANY USE
A1. Building Owner's Name J & S LAND DEVELOPMENT, LLC					per:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 204 Annie Drive					Company N	AIC Number:
City	•					
Carolina Beach			North Ca		28428	
	on (Lot and Block Number Spencer & C. Farlow Sub			•	,	
A4. Building Use (e.g.,	, Residential, Non-Resider	ntial, Addition,	Accessory, e	etc.) RESIDEN	TIAL	
A5. Latitude/Longitude	:: Lat. <u>34.05625</u>	Long. <u>-</u> 7	7.89284	Horizontal	Datum: NAD 1	927 × NAD 1983
A6. Attach at least 2 pl	hotographs of the building	if the Certification	ate is being u	sed to obtain floor	d insurance.	
A7. Building Diagram N	Number6					
A8. For a building with	a crawlspace or enclosure	e(s):				
a) Square footage	e of crawlspace or enclosu	re(s)		286.00 sq ft		
b) Number of perm	nanent flood openings in th	he crawlspace	or enclosure	e(s) within 1.0 foot	above adjacent gra	de 8
c) Total net area o	of flood openings in A8.b	1	600.00 sq in			
d) Engineered floo	od openings? X Yes	☐ No				
A9. For a building with a	an attached garage:					
a) Square footage	a) Square footage of attached garage0.00 sq ft					
b) Number of perm	nanent flood openings in th	he attached ga	arage within	1.0 foot above adja	acent grade 0	
c) Total net area o	c) Total net area of flood openings in A9.b 0.00 sq in					
d) Engineered floo	od openings?	⊠ No				
, 0						
SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION						
B1. NFIP Community Name & Community Number B2. County Name B3. State						
TOWN OF CAROLINA BEACH 375347 NEW HANOVER COUNTY North Carolina						North Carolina
B4. Map/Panel B5 Number	5. Suffix B6. FIRM Index Date	Effe	M Panel ective/ vised Date	B8. Flood Zone(s)	B9. Base Flood E (Zone AO, use	levation(s) e Base Flood Depth)
3720313100 K	12-06-2019	08-28-2		(Coastal) AE	11	
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 DPA						

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IMPORTANT: In these spaces, copy the corresponding	FOR INSURANCE COMPANY USE					
Building Street Address (including Apt., Unit, Suite, and/or 204 Annie Drive	Policy Number:					
City Stat Carolina Beach Nort	e ZIP th Carolina 2842	Code 28	Company NAIC Number			
SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)						
C1. Building elevations are based on: Constructio	n Drawings* 🔲 Buil	ding Under Constru	ction* X Finished Construction			
*A new Elevation Certificate will be required when co	onstruction of the buildi	ng 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: NCVRS Vertical Datum: NAVD 88						
Indicate elevation datum used for the elevations in it	, ,	V.				
☐ NGVD 1929 ☑ NAVD 1988 ☐ Other/S Datum used for building elevations must be the same		FE.				
•			Check the measurement used.			
a) Top of bottom floor (including basement, crawlsp.	ace, or enclosure floor		6.6 × feet meters			
b) Top of the next higher floor			17.0 × feet meters			
c) Bottom of the lowest horizontal structural membe	r (V Zones only)		14.6 X feet meters			
d) Attached garage (top of slab)			N/A feet meters			
 e) Lowest elevation of machinery or equipment serv (Describe type of equipment and location in Com 	ricing the building ments)		15.1 × feet meters			
f) Lowest adjacent (finished) grade next to building	(LAG)		6.1 × feet meters			
g) Highest adjacent (finished) grade next to building	(HAG)		6.5 X feet meters			
 h) Lowest adjacent grade at lowest elevation of dec structural support 	k or stairs, including		6.1 × feet meters			
SECTION D - SURVEYOR,	ENGINEER, OR ARC	HITECT CERTIFI	CATION			
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 lic	censed land surveyor?	⊠Yes □ No	Check here if attachments.			
Certifier's Name	License Number		~*************************************			
Vernon Derek Danford, NCPLS	NCPLS-L-4528		SHOREST CAROLINA			
Title President/NC Professional Land Surveyor	OF OFESSION TO					
Company Name Danford & Associates Land Surveying, PC			SEAL SEAL			
Address 4002 1/2 Oleander Drive Suite 203			Check here if attachments. SEAL L-4528			
City Wilmington, NC	State North Carolina	ZIP Code 28403	DEREK DERENGE			
Signature V. Dorok Dopford, NCRLS I. 4529. Digitally signed by V. Derek Danford, NCRLS L4528	Date	Telephone	Ext.			
V. Derek Danford, NCPLS L-4528 Digitally signed by V. Der						
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 STRUCTURE IS LOCATED IN A "COASTAL A ZONE". Structure is a two story wood frame two unit Townhome dwelling on pilings with enclosures for storage and elevator shafts. C2.a)=top of slab in enclosure parking area and enclosures. Bottom of elevator shaft pit= 6.0'. C2.b)=top of first elevated living floor at front door. C2.e)=top of A/C platform/bottom of units on left and right side. C2.f)=top of ground at left rear corner. C2.g)=top of ground at front left corner. C2.h)=top of ground at rear steps. There are eight Smart Vents installed Model No. 1540-520.						

FEMA Form 086-0-33 (12/19)

ELEVATION CERTIFICATE

OMB No. 1660-0008 Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.				FOR INSURANCE COMPANY USE		
	lding Street Address (including Apt., Unit, Suite, a	Policy Number:				
	Annie Drive					
City	/ rolina Beach	State North Carolina	ZIP Code 28428	Company NAIC Number		
Cai	SECTION E – BUILDING			DEOLUBED)		
		NE AO AND ZONE		REQUIRED)		
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 b) Top of bottom floor (including basement,		feet _ mete	rs		
	crawlspace, or enclosure) is		feet _ mete	rs 🔲 above or 🗌 below the LAG.		
E2.	For Building Diagrams 6–9 with permanent floothe next higher floor (elevation C2.b in the diagrams) of the building is	d openings provided in	Section A Items 8 and/or			
E3.	Attached garage (top of slab) is					
E4.	Top of platform of machinery and/or equipment servicing the building is			rs 🔲 above or 🔲 below the HAG.		
E5.	Zone AO only: If no flood depth number is avail floodplain management ordinance? Yes			cordance with the community's certify this information in Section G.		
	SECTION F - PROPERTY O	WNER (OR OWNER'S	REPRESENTATIVE) C	ERTIFICATION		
The	e property owner or owner's authorized represent nmunity-issued BFE) or Zone AO must sign here	ative who completes S . The statements in Se	ections A, B, and E for Zo ctions A, B, and E are co	one A (without a FEMA-issued or rect to the best of my knowledge.		
Pro	perty Owner or Owner's Authorized Representati	ive's Name				
Add	dress	City	St	ate ZIP Code		
Sig	nature	Dat	e Te	elephone		
Cor	mments					
				Check here if attachments.		

ELEVATION CERTIFICATE

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IMPORTANT: In these spaces, copy the corr	FOR INSURANCE COMPANY USE					
Building Street Address (including Apt., Unit, S 204 Annie Drive	Policy Number:					
City Carolina Beach	State North Caroli	ZIP Code ina 28428		Company NAIC Number		
SECTION	ON G - COMMUNIT	TY INFORMATION (OPT	IONAL)			
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.						
	engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation					
G2. A community official completed Sect or Zone AO.	ion E for a building	located in Zone A (withoเ	ıt a FEM <i>A</i>	A-issued or community-issued BFE)		
G3. The following information (Items G4-	-G10) is provided fo	r community floodplain m	nanageme	ent purposes.		
G4. Permit Number	G5. Date Permit	Issued		ate Certificate of ompliance/Occupancy Issued		
G7. This permit has been issued for:	New Construction	n 🗌 Substantial Improve	ment			
G8. Elevation of as-built lowest floor (includin of the building:	g 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	Signature Date					
Comments (including type of equipment and lo	cation, per C2(e), if	applicable)				
				Check here if attachments.		

BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

See Instructions for Item A6.

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Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 204 Annie Drive			Policy Number:
City	State	ZIP Code	Company NAIC Number
Carolina Beach	North Carolina	28428	

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 Clear Photo One



Photo Two

Photo Two Caption LEFT SIDE VIEW Clear Photo Two

BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

Continuation Page

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IMPORTANT: In these spaces, copy th	FOR INSURANCE COMPANY USE		
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 204 Annie Drive			Policy Number:
City	State	ZIP Code	Company NAIC Number
Carolina Beach	North Carolina	28428	

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 VIEW Clear Photo Three



Photo Four

Photo Four Caption RIGHT SIDE VIEW Clear Photo Four

Back to Product Catalog









Stainless Steel

Black

Insulated Flood Vent

Application

These vents are ideal for garages or conditioned spaces where flood vents are required, but air ventilation is not desired.

Flood Protection

The vent door is latched closed until it comes in contact with flood water. Entering flood water lifts the patented internal floats which unlatch and allow the door to rotate open. This allows the flood water to automatically enter and exit through the frame opening, relieving the pressure from the foundation walls. Certified flood debris clearance is demonstrated with a 3" diameter opening when the flood door is activated.

Ventilation

The flood door contains a 2" insulated core that has an Rvalue of 8.34. There is also a felt weather stripping that lines the entire vent frame helping to keep the enclosure as insulated as possible.

- 316L MARINE GRADE STAINLESS STEEL
- ICC-ES CERTIFIED | ESR-2074
- FLORIDA BUILDING PRODUCT APPROVED
- FEMA ACCEPTED
- 15 YEAR EXTENDED WARRANTY

Model Number

1540-520

Find Dealer

Flood Coverage

200 sq.ft.

Air Ventilation

N/A

Vent Size

16 "w x 8"h x 3"d

Rough Opening

16.25"w x 8.25"h

Available Colors

Stainless Steel, White, Black, Gray, Wheat

Resources

Installation Instructions

CAD File

ICC-ES Certification

Florida Product Approval

Portfolio

Installation Video

Related Products

Flood Vent Sealing Kit

Hurribond Adhesive & Caulk

<u>Fire Damper - Masonry Wall</u>

Masonry Trim and Sleeve Kit <u>7"-12.5" Wall</u>

Masonry Trim and Sleeve Kit 10"-15.5" Wall