

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expires February 28, 2009

Important: Read the instructions on pages 1-8.

## SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name <b>FLANAGAN, PATRICK</b> JOB #9564	For Insurance Company Use: Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>144 108<sup>TH</sup> STREET</b>	Company NAIC Number
City <b>STONE HARBOR</b> State <b>NJ</b> ZIP Code <b>08247</b>	

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)  
**LOT 47 BLOCK 107.02**

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) **RESIDENTIAL**

A5. Latitude/Longitude: Lat. **39° 2' 43"** Long. **-74° 45' 52"** 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 **g**

A8. For a building with a crawl space or enclosure(s), provide

a) Square footage of crawl space or enclosure(s)	 sq ft	A9. For a building with an attached garage, provide:
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade	<b>7</b>	a) Square footage of attached garage <b>N/A</b> sq ft
c) Total net area of flood openings in A8.b	<b>420</b> sq in	b) No. of permanent flood openings in the attached garage walls 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

## SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number <b>BOROUGH OF STONE HARBOR 345323</b>		B2. County Name <b>CAPE MAY</b>		B3. State <b>NJ</b>	
B4. Map/Panel Number <b>0001</b>	B5. Suffix <b>C</b>	B6. FIRM Index Date <b>7/15/92</b>	B7. FIRM Panel Effective/Revised Date <b>7/15/92</b>	B8. Flood Zone(s) <b>A7</b>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <b>10'</b>

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 (Describe) \_\_\_\_\_

B11. Indicate elevation datum used for BFE in Item B9:  NGVD 1929  NAVD 1988  Other (Describe) \_\_\_\_\_

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?  Yes  No  
Designation Date **N/A**  CBRS  OPA

## 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-g below according to the building diagram specified in Item A7.  
Benchmark Utilized **LOCAL** Vertical Datum **NGVD29**  
Conversion/Comments **N/A**

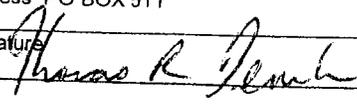
Check the measurement used.

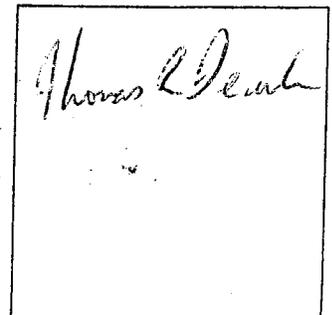
a) Top of bottom floor (including basement, crawl space, or enclosure floor)	<b>9.9</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<b>12.4</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	<b>N/A</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	<b>N/A</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments)	<b>12.1</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	<b>9.7</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	<b>10.0</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)

## 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.

Check here if comments are provided on back of form.

Certifier's Name <b>THOMAS R. DENEKA</b>	License Number <b>35828</b>
Title <b>NJPLS</b>	Company Name <b>STONE HARBOR SURVEYORS</b>
Address <b>PO BOX 511</b>	City <b>STONE HARBOR</b> State <b>NJ</b> ZIP Code <b>08247</b>
Signature 	Date <b>11/9/06</b> Telephone <b>609-368-7451</b>



<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 144 108 <sup>TH</sup> STREET	Policy Number: 4
City STONE HARBOR State NJ ZIP Code 08247	Company NAIC Number

**SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)**

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments BUILDING HAS 7 SMART VENTS COVERING 200 SQUARE FEET EACH

Signature: Thomas L. DeMeb Date: 9 NOV 06 11/9/06  Check here if attachments

**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, crawl space, or enclosure) is \_\_\_\_\_  feet  meters  above or  below the HAG.
  - b) Top of bottom floor (including basement, crawl space, or enclosure) is \_\_\_\_\_  feet  meters  above or  below the LAG.
- E2. For Building Diagrams 6-8 with permanent flood openings provided in Section A Items 8 and/or 9 (see page 8 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's or Owner's Authorized Representative's Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_

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

Comments \_\_\_\_\_

Check here if attachments

**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, and G9.

- 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.-G9.) is provided for community floodplain management purposes.

G4. Permit Number <u>06-7846</u>	G5. Date Permit Issued <u>5-10-06</u>	G6. Date Certificate Of Compliance/Occupancy Issued <u>6-13-07</u>
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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: 12 40  feet  meters (PR) Datum NGVD - 29
- G9. BFE or (in Zone AO) depth of flooding at the building site: 10 00  feet  meters (PR) Datum NGVD - 29

Local Official's Name: MICHAEL KOOCHEMBERE Title: CONSTRUCTION OFFICIAL

Community Name: STONE HARBOR Telephone: 609.368.6814

Signature: [Signature] Date: 6/15/07

Comments: \_\_\_\_\_

Check here if attachments

# Building Photographs

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 144 108 <sup>TH</sup> STREET	For Insurance Company Use: Policy Number
City STONE HARBOR State NJ ZIP Code 08247	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two 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." If submitting more photographs than will fit on this page, use the Continuation Page, following.



**FRONT VIEW 11/10/06**



**REAR VIEW 11/10/06**



**LEFT SIDE VIEW 11/10/06**



**RIGHT SIDE & REAR VIEW 11/10/06**

# Engineered Flood Openings Certificate

To satisfy requirements of the National Flood Insurance Program

This certification must be submitted to, and kept on file by, the local jurisdiction's permit authority. A copy should be retained by the owner to demonstrate compliance in order to receive the best flood insurance rating.

The Smart VENT® and Flood VENT™ Foundation Flood Vent is certified as meeting the flood opening requirements for engineered openings as set forth in the Federal Emergency Management Agency's National Flood Insurance Program regulations (44 CFR 60.3(e)(5)) and ASCE 24-02, provided it is installed according to the those references, as summarized below. Flood openings are required in enclosures below elevated buildings, attached and detached garages, and accessory structures that meet the required limitations. For a copy of the report documenting this certification dated June 21, 2002, and a copy of the National Evaluation Service report NER 624, contact Smart VENT, Inc., at 877/441-8368 or visit:

[WWW.SMARTVENT.COM](http://WWW.SMARTVENT.COM)

I do hereby certify that the Smart VENT® Louvered Foundation Flood Vent and the FloodVENT™ Insulated Foundation Flood Vent opening (s) is designed for installation in buildings, will allow for the automatic equalizing of hydrostatic flood forces on exterior walls by allowing for the automatic entry and exit of floodwater during floods up to and including the base (100-year) flood. One Smart VENT® or one FloodVENT™ for every 200 Sq.Ft. of enclosed area will provide sufficient hydrostatic pressure equalization during a flood provided the installation limitations and instructions are followed as listed below. To Calculate the required number of Smart VENTS® or FloodVENTS™ divide the Square Feet of enclosed area by 200.

**Example: A 2000 Sq.Ft. enclosed area requires 10 vents.  $2000 \text{ Sq.Ft} / 200 = 10 \text{ Vents}$**

Signature   
Title Professional Engineer  
Type of License Professional Engineering  
License Number NJ PE GE26637

\*Project Name \_\_\_\_\_  
\*Project Address \_\_\_\_\_  
\*Date Submitted \_\_\_\_\_  
\* Required Fields\*

Professional Seal

## Installation Limitations and Instructions

1. The Smart VENT® or FloodVENT™ unit provides sufficient automatic equalization of hydrostatic pressure on walls and foundations of buildings located in flood hazard areas where the rate of rise is expected to be less than or approximately 5 feet per hour.
2. Enclosed areas below otherwise elevated buildings, non-elevated attached and detached garages, and certain non-elevated accessory structures located in flood hazard areas must be used solely for parking of vehicles, building access, or storage.
3. Each enclosed area shall have at least two flood openings, installed on different sides of the enclosed area.
4. The bottom of the flood openings shall be no more than one foot above the adjacent finished ground level.
5. Installation must be in accordance with manufacturer's instructions.

## "REFERENCE ONLY" From FEMA TB 1-97 Guidance for Engineered Openings Openings in Foundation Walls

### National Flood Insurance Program (NFIP) Technical Bulletin TB 1-97

"In situations where it is not feasible or desirable to meet the opening requirements previously, a design professional (registered engineer or architect) may design and certify openings. This section provides guidance for such engineered designs. For openings not meeting all four requirements for non-engineered openings listed on page 2 and 3 of TB 1-97, certification by a registered professional engineer or architect is required. Such certification must be submitted to, and kept on file by, the community. These situations must assure community officials that the openings are designed in accordance with accepted standards of practice. A certification may be affixed to the design drawings or submitted separately. It must include appropriate certification language, and the name, title, address, signature, type of license, license number, and professional seal of the certifier." CTR 1-97 is available through FEMA.