

# ELEVATION CERTIFICATE

15-101125

OMB No. 1660-0008  
 Expiration Date: July 31, 2015

Important: Read the instructions on pages 1-9.

## SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name SAMUEL J & ERIKA N. QUATERMAINE	FOR INSURANCE COMPANY USE
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1411 REBECCA LANE	Policy Number:
City SARASOTA State FL ZIP Code 34231	Company NAIC Number:

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)  
 METES & BOUNDS PARCEL, PORTION OF LOTS 1 & 2, OYSTER BAY LANDINGS PID # 0076140034

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

A5. Latitude/Longitude: Lat. 27°17'32.65" Long. 82°32'24.16" 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)	<u>629</u> sq ft	A9. For a building with an attached garage:
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade	<u>5</u>	a) Square footage of attached garage
c) Total net area of flood openings in A8.b	<u>1,000</u> sq in	b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade
d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		c) Total net area of flood openings in A9.b
		d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No

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

B1. NFIP Community Name & Community Number SARASOTA COUNTY 125144	B2. County Name SARASOTA COUNTY	B3. State FLORIDA
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B4. Map/Panel Number 125144-0141	B5. Suffix D	B6. FIRM Index Date 9/3/92	B7. FIRM Panel Effective/Revised Date 2/21/02	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 13'
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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: LOMR

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)?  
 Designation Date: N/A  CBRS  OPA  Yes  No

## 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: PLAT BM#76-1 EL. 7.81' 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.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>8.2</u>	Check the measurement used.
b) Top of the next higher floor	<u>13.2</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 type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>13.1</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>4.3</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>8.0</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>N/A</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters

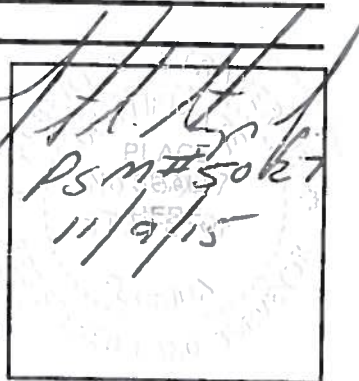
## SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

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.

Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor?  Yes  No

Check here if attachments.

Certifier's Name ROBERT B. STRAYER JR	License Number 5027
Title VICE PRESIDENT	Company Name STRAYER SURVEYING & MAPPING, INC
Address 742 SHAMROCK BLVD	City VENICE State FL ZIP Code 34293
Signature <i>[Signature]</i>	Date 11/9/15 Telephone 941-497-1290



<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. 1411 REBECCA LANE		Policy Number:	
City SARASOTA	State FL	ZIP Code 34231	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 FILE # 14-12-70. LOWEST MACHINERY SERVICING THE BUILDING IS THE A/C UNIT OUTSIDE ON SIDE OF THE HOUSE. OYSTER BAY LANDINGS WAS RE-MAPPED BY FEMA ON 2/21/02 BY LETTER OF MAP REVISION (LOMR) HOMESITE 2 IS NOW IN THE A13, ELEVATION 13.0' PER RECORDED MAP REVISION #02-04-41P (ATTACHED). LAT & LONG'S IN SEC. A5, WERE OBTAINED BY HANDHELD GPS USING GPS TEST APP (NO CONVERSION) ENGINEERED "SMART VENTS" CERTIFICATION IS ATTACHED

Signature *[Handwritten Signature]* Date 11/9/15

**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 8–9 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–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 \_\_\_\_\_

Community Name \_\_\_\_\_ Telephone \_\_\_\_\_

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

Comments \_\_\_\_\_

Check here if attachments.



# Building Photographs

See Instructions for Item A6.

**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.  
1400 REBECCA LANE

Policy Number:

City SARASOTA

State FL

ZIP Code 34231

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.



FRONT 10/30/15



REAR 10/30/15



VENTS 10/30/15



Federal Emergency Management Agency  
Washington, D.C. 20472

FEB 21 2002

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Mr. Jim Ley  
Sarasota County Administrator  
1660 Ringling Boulevard  
Second Floor  
Sarasota, Florida 34236

IN REPLY REFER TO:

Case Number: 02-04-041P  
Community Name: Sarasota County, Florida  
(Unincorporated Areas)  
Community Number: 125144  
Map Panel Number: 125144 0141  
Effective Date of  
this Revision: FEB 21 2002

102-D

Dear Mr. Ley:

The Flood Insurance Rate Map (FIRM) for the unincorporated areas of Sarasota County has been revised by this Letter of Map Revision (LOMR) to reflect a site-specific wave height analysis of Roberts Bay and the Gulf of Mexico and more detailed and up-to-date topographic information than that used to prepare the May 1, 1984, FIRM for the county. The subject area is located at 1400 Kenilworth Street. This revision was initiated by [REDACTED] of The Hill Group, Inc., in a letter dated November 1, 2001.

We received the following technical data, prepared by The Hill Group, Inc., unless otherwise noted, in support of this revision:

- Wave Height Analysis for Flood Insurance Studies (Version 3.0) input and output files, dated September 1, 2001, for two transects located along the subject property;
- an aerial photographic map, dated December 1998, titled Sarasota County, Florida, at a scale of 1"=200', prepared by the Florida Department of Transportation, annotated to show the location and alignment of the transects used in the aforementioned modeling;
- a certified boundary map of the subject property with spot elevations, dated February 12, 2001, with a revision date of August 8, 2001, titled Plat of Land Survey, at a scale of 1"=40', prepared by AM Engineering, Inc.;
- an aerial photograph with topographic contours, dated April 1987, titled Coastal Sarasota, at a scale of 1"=200', with a contour interval of 1 foot, prepared by the Southwest Florida Water Management District;
- an annotated portion of the unincorporated areas of Sarasota County FIRM number 125144, panel 0141 D, dated May 1, 1984, showing the location of the subject property and the proposed changes to the Special Flood Hazard Area (SFHA) boundaries; and

- completed application/certification forms, including county concurrence with the request.

We received all data necessary to process this revision by January 11, 2002.

Based on our review of the submitted data, we are issuing this LOMR to reflect a decrease in the Coastal High Hazard Area (V Zone) along Roberts Bay. This revision results in a change in zone designation of a portion of the SFHA from Zone V17 with a Base (1% annual chance) Flood Elevation (BFE) of 13 feet National Geodetic Vertical Datum of 1929 (NGVD 29), to Zone A13 with a BFE of 13 feet NGVD 29. This LOMR revises the unincorporated areas of Sarasota County FIRM number 125144, panel 0141 D, dated May 1, 1984, as shown on the enclosed digitally reproduced portion of the FIRM.

This revision is effective as of the date of this letter. Any requests to review or alter this determination should be made within 30 days and must be based on scientific or technical data.

We based this determination on the 1% annual chance stillwater elevations computed in the September 3, 1992, Flood Insurance Study (FIS) for your county. A comprehensive restudy of your county's flood hazards would consider any changes to flood hazard conditions subsequent to the publication of the FIS for your county, and the flood hazards shown in the FIS and FIRM could be increased.

Your county must approve all proposed floodplain development and ensure that permits required by Federal and State law have been obtained. State or county officials, based on knowledge of local conditions and in the interest of safety, may set standards for construction that are higher than the minimum National Flood Insurance Program (NFIP) criteria or may limit development in floodplain areas. If the State of Florida or Sarasota County has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

Because of funding constraints, we must limit the number of map republications. Consequently, we will not republish the FIRM for the unincorporated areas of Sarasota County to reflect this determination. However, we will incorporate this determination when we next republish FIRM panel 0141. We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the county will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your county's newspaper that describes the revision and explains how your county will provide the data and help interpret the NFIP map. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

We have enclosed an updated version of a document titled "List of Current Flood Insurance Study Data," which now includes this letter, to help your county maintain all information for floodplain management and flood insurance. If any of the items in that document are not filed in your county's map repository, please contact the Federal Emergency Management Agency (FEMA) Map Assistance Center at the number listed below for information on how to obtain those items.

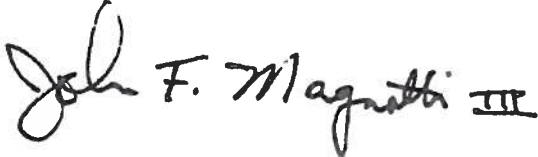


Use the map panel listed above and revised by this letter for flood insurance policies and renewals issued for property located on this panel.

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management ordinances that meet or exceed minimum NFIP criteria. These criteria, including adoption of the FIS and FIRM, and the revisions made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State or local requirements to which the regulations apply.

If you have any questions, please do not hesitate to contact the Director, Federal Insurance and Mitigation Division of FEMA in Atlanta, Georgia, at (770) 220-5400, or the FEMA Map Assistance Center toll free at 1-877-FEMA MAP (1-877-336-2627).


Sincerely,

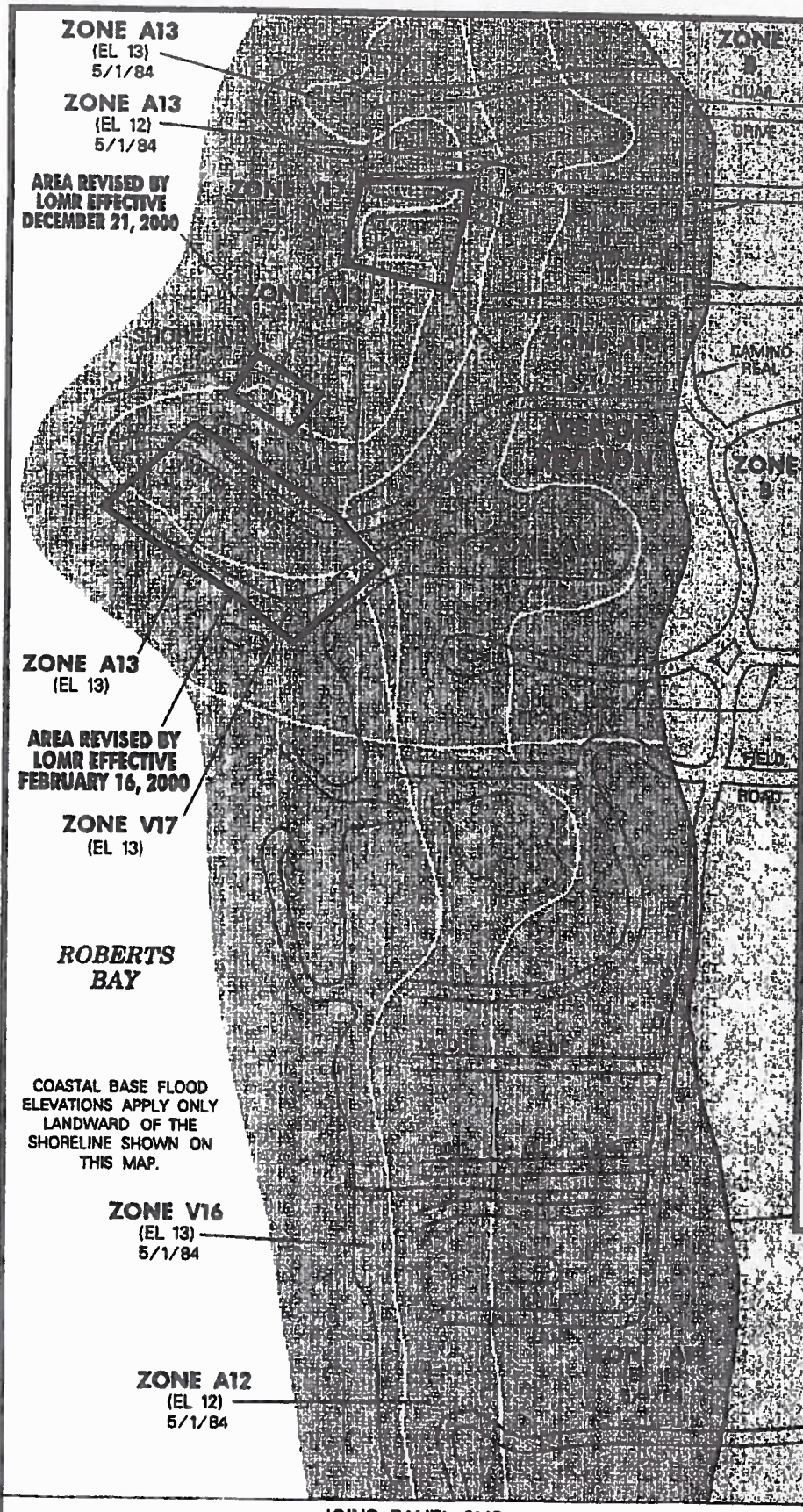


John F. Magnotti III  
Project Engineer  
Hazards Study Branch  
Federal Insurance and  
Mitigation Administration

For: Matthew B. Miller, P.E., Chief  
Hazards Study Branch  
Federal Insurance and  
Mitigation Administration

Enclosures

cc: Ms. Sandra Newell, P.E., Sarasota County Public Works Planning Division  
Mr. Jerry Sparks, AIA, CBO, Sarasota County Building Official  
 President, Oyster Bay Landing, Inc.  
State NFIP Coordinator



**ZONE A13**  
(EL 13)  
5/1/84

**ZONE A13**  
(EL 12)  
5/1/84

**AREA REVISED BY  
LOMR EFFECTIVE  
DECEMBER 21, 2000**

**ZONE A13**  
(EL 13)

**AREA REVISED BY  
LOMR EFFECTIVE  
FEBRUARY 16, 2000**

**ZONE V17**  
(EL 13)

**ROBERTS  
BAY**

COASTAL BASE FLOOD  
ELEVATIONS APPLY ONLY  
LANDWARD OF THE  
SHORELINE SHOWN ON  
THIS MAP.

**ZONE V16**  
(EL 13)  
5/1/84

**ZONE A12**  
(EL 12)  
5/1/84

**MAP LEGEND**

APPROXIMATE SCALE

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM  
FLOOD INSURANCE RATE MAP**

**SARASOTA COUNTY,  
FLORIDA  
(UNINCORPORATED AREAS)**

**PANEL 141 OF 475**  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

**COMMUNITY - PANEL NUMBER  
125144 0141 D**

**MAP REVISED:  
MAY 1, 1984**

**REVISED TO REFLECT  
LOMR EFFECTIVE:  
FEB 21 2002**

Federal Emergency Management Agency

JOINS PANEL 0143



**ICC-ES Evaluation Report**
**ESR-2074**

Reissued February 2015

This report is subject to renewal February 2017.

[www.icc-es.org](http://www.icc-es.org) | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

**DIVISION: 08 00 00—OPENINGS**  
**Section: 08 95 43—Vents/Foundation Flood Vents**
**REPORT HOLDER:**
**SMARTVENT PRODUCTS, INC.**  
 430 ANDBRO DRIVE, UNIT 1  
 PITMAN, NEW JERSEY 08071  
 (877) 441-8368  
[www.smartvent.com](http://www.smartvent.com)  
[info@smartvent.com](mailto:info@smartvent.com)
**EVALUATION SUBJECT:**
**SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS:**  
**FLOODVENT™ MODEL #1540-520; FLOODVENT™**  
**STACKING MODEL #1540-521; SMARTVENT™ MODEL**  
**#1540-510; SMARTVENT™ STACKING MODEL #1540-511;**  
**WOOD WALL FLOOD MODEL #1540-570; WOOD WALL**  
**FLOOD OVERHEAD DOOR MODEL #1540-574;**  
**FLOODVENT™ OVERHEAD DOOR MODEL #1540-524;**  
**SMARTVENT™ OVERHEAD DOOR MODEL #1540-514**
**1.0 EVALUATION SCOPE**
**Compliance with the following codes:**

- 2009 and 2006 *International Building Code*® (IBC)
- 2009 and 2006 *International Residential Code*® (IRC)
- 2013 *Abu Dhabi International Building Code* (ADIBC)<sup>1</sup>

<sup>1</sup>The ADIBC is based on the 2009 IBC. 2009 IBC code sections referenced in this report are the same sections in the ADIBC.

**Properties evaluated:**

- Physical operation
- Water flow

**2.0 USES**

The Smart Vent® units are automatic foundation flood vents (AFFVs) employed to equalize hydrostatic pressure on nonfire-resistance-rated foundation walls, rolling-type overhead doors and building walls subject to rising or falling flood waters. The Smart Vent® units are intended for use where flood hazard areas have been established in accordance with IBC Section 1612.3 or IRC Section R3222.1. Certain models also allow natural ventilation in accordance with Section 1203 of the IBC or Section 408.1 of the IRC.

**3.0 DESCRIPTION**
**3.1 General:**

When subjected to pressure from rising water, the Smart

Vent® AFFVs disengage, then pivot open to allow flow in either direction to equalize water level and hydrostatic pressure from one side of the foundation to the other. The AFFV pivoting door is normally held in the closed position by a buoyant release device. When subjected to rising water, the buoyant release device causes the unit to unlatch, allowing the plate to rotate out of the way and allow flow. The water level stabilizes, equalizing the lateral forces. Each unit is fabricated from stainless steel. The SmartVENT™ Stacking Model #1540-511 and FloodVENT™ Stacking Model #1540-521 units each contain two vertically arranged openings per unit.

**3.2 Engineered Opening:**

The AFFVs comply with the design principle noted in Section 2.6.2.2 of ASCE/SEI 24 for a maximum rate of rise and fall of 5.0 feet per hour (0.423 mm/s). In order to comply with the engineered opening requirement of ASCE/SEI 24, Smart Vent AFFVs must be installed in accordance with Section 4.0.

**3.3 Model Sizes:**

The FloodVENT™ Model #1540-520, SmartVENT™ Model #1540-510, FloodVENT™ Overhead Door Model #1540-524, and SmartVENT™ Overhead Door Model #1540-514 units measure 15<sup>3</sup>/<sub>4</sub> inches wide by 7<sup>3</sup>/<sub>4</sub> inches high (400 by 196.9 mm). The Wood Wall Flood Model #1540-570 and Wood Wall Flood Overhead Door Model #1540-574 units measure 14 inches wide by 8<sup>3</sup>/<sub>4</sub> inches high (355.6 by 222.25 mm). The SmartVENT™ Stacking Model #1540-511 and FloodVENT™ Stacking Model #1540-521 units measure 16 inches wide by 16 inches high (406.4 by 406.4 mm).

**3.4 Ventilation:**

The SmartVENT® Model #1540-510 and SmartVENT® Overhead Door Model #1540-514 both have screen covers with 1/4-inch-by-1/4-inch (6.35 by 6.35 mm) openings, yielding 51 square inches (32 903 mm<sup>2</sup>) of net free area to supply natural ventilation. The SmartVENT™ Stacking Model #1540-511 consists of two Model #1540-510 units in one assembly, and provides 102 square inches (65 806 mm<sup>2</sup>) of net free area to supply natural ventilation. Other AFFVs recognized in this report do not offer natural ventilation.

**4.0 INSTALLATION**

SmartVENT® and FloodVENT™ are designed to be installed into walls or overhead doors of existing or new construction from the exterior side. Installation of the vents must be in accordance with the manufacturer's instructions, the applicable code and this report. The



mounting straps allow mounting in wood, masonry and concrete walls up to 12 inches (305 mm) thick. In order to comply with the engineered opening design principle noted in Section 2.6.2.2 of ASCE/SEI 24, the Smart Vent® AFFVs must be installed as follows:

- With a minimum of two openings on different sides of each enclosed area.
- With a minimum of one AFFV for every 200 square feet (18.6 m<sup>2</sup>) of enclosed area, except that the SmartVENT™ Stacking Model #1540-511 and FloodVENT™ Stacking Model #1540-521 must be installed with a minimum of one AFFV for every 400 square feet (37.2 m<sup>2</sup>) of enclosed area.
- Below the base flood elevation.
- With the bottom of the AFFV located a maximum of 12 inches (305.4 mm) above grade.

#### 5.0 CONDITIONS OF USE

The Smart Vent® AFFVs described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 The Smart Vent® AFFVs must be installed in accordance with this report, the applicable code and the manufacturer's installation instructions. In the event of a conflict, the instructions in this report govern.
- 5.2 The Smart Vent® AFFVs must not be used in the place of "breakaway walls" in coastal high hazard areas, but are permitted for use in conjunction with breakaway walls in other areas.

#### 6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Automatic Foundation Flood Vents (AC364), dated October 2013 (editorially revised May 2014).

#### 7.0 IDENTIFICATION

The Smart VENT® models recognized in this report must be identified by a label bearing the manufacturer's name (Smartvent Products, Inc.), the model number, and the evaluation report number (ESR-2074).