

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 <u>JOSEPH C. SWANSON</u>		For Insurance Company Use:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <u>7080 SOUTH SHORE DRIVE</u>		Policy Number
City <u>SOUTH PASADENA</u>	State <u>FL.</u>	Company NAIC Number
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>LOT 46, BLOCK 1, PASADENA ISLE</u>		ZIP Code <u>33707</u>
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>RESIDENTIAL</u>		
A5. Latitude/Longitude: Lat. <u>27° 44' 42.6"</u> Long. <u>82° 44' 13.2"</u> 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 <u>7</u>		
A8. For a building with a crawl space or enclosure(s), provide: a) Square footage of crawl space or enclosure(s) <u>1894</u> sq ft b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade <u>10</u> c) Total net area of flood openings in A8.b <u>2000</u> sq in		
A9. For a building with an attached garage, provide: a) Square footage of attached garage <u>N/A</u> sq ft b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade <u>5</u> c) Total net area of flood openings in A9.b <u>5</u> sq in		

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number <u>SOUTH PASADENA / 125151</u>		B2. County Name <u>PINELLAS</u>	B3. State <u>FL.</u>		
B4. Map/Panel Number <u>12103C 0276</u>	B5. Suffix <u>G</u>	B6. FIRM Index Date <u>5-17-05</u>	B7. FIRM Panel Effective/Revised Date <u>9-03-03</u>	B8. Flood Zone(s) <u>AE</u>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <u>12'</u>
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) <u>LETTER FROM BUILDING DEPT.</u>					
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)? Designation Date ☐ 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, Y (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: EDD 66 USE (RESET 1975) Vertical Datum: 16.34 (NAVD 1988)
Conversion/Comments: (-0.61') NGVD 1929 TO NAVD 1988

Check the measurement used:

a) Top of bottom floor (including basement, crawl space, or enclosure floor)	<u>6.9</u> ☒ feet	☐ meters (Puerto Rico only)
b) Top of the next higher floor	<u>18.0</u> ☒ feet	☐ meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>16.6</u> ☒ feet	☐ meters (Puerto Rico only)
d) Attached garage (top of slab) <u>ENCLOSED SLAB</u>	<u>6.9</u> ☒ feet	☐ meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment in Comments)	<u>12.3</u> ☒ feet	☐ meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	<u>6.8</u> ☒ feet	☐ meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	<u>7.0</u> ☒ feet	☐ 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 <u>Larry L. Evans</u>	License Number <u>PLS # 2937</u>
Title <u>Land Surveyor</u>	Company Name <u>Evans Land Surveying, Inc.</u>
Address <u>1460 Beltrees Street</u>	City <u>Dunedin, FL.</u>
Suite <u>9</u>	State <u>FL.</u>
ZIP Code <u>34698</u>	Telephone <u>(727) 734-3821</u>
Signature <u>[Signature]</u>	Date <u>9-09-08</u>

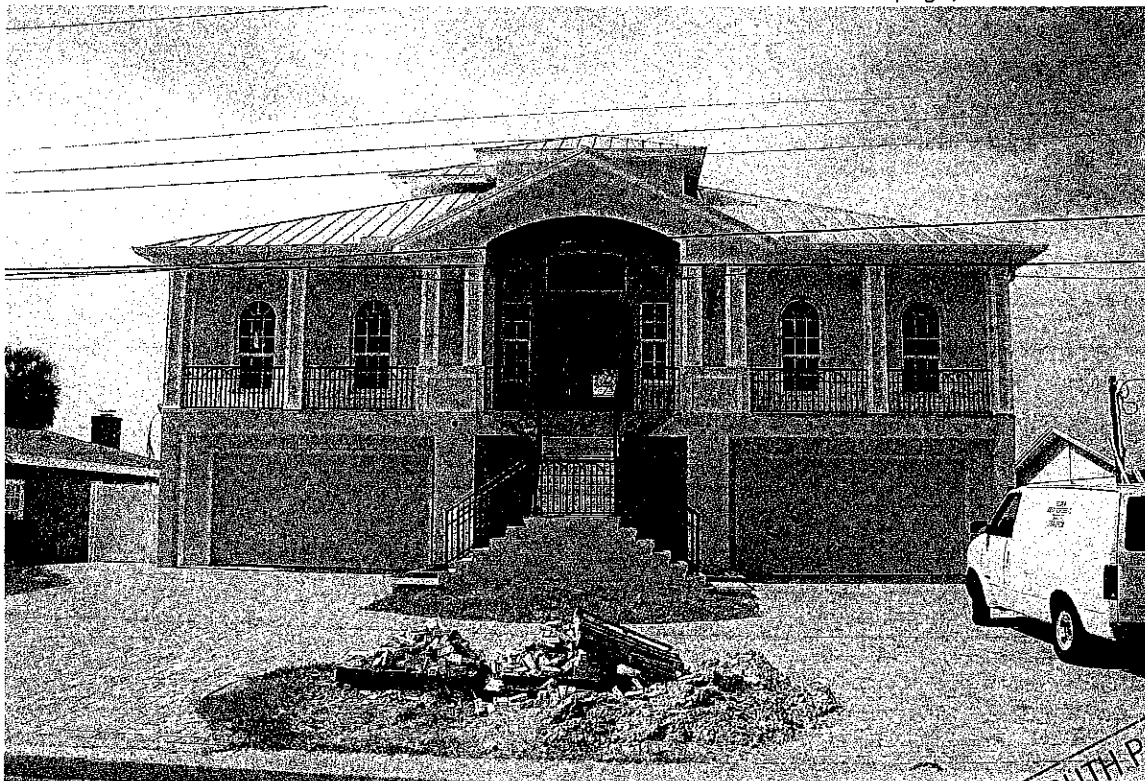
PLACE
SEAL
HERE

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. 7080 SOUTH SHORE DRIVE			For Insurance Company Use: Policy Number
City SOUTH PASADENA,	State FL.	ZIP Code 33707	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.



CITY OF SOUTH PASADENA
SEP 15 2008
COMMUNITY IMPROVEMENT DEPT.

orig

ZONE VE	ZONE AE
(BFE 13)	(BFE 12)

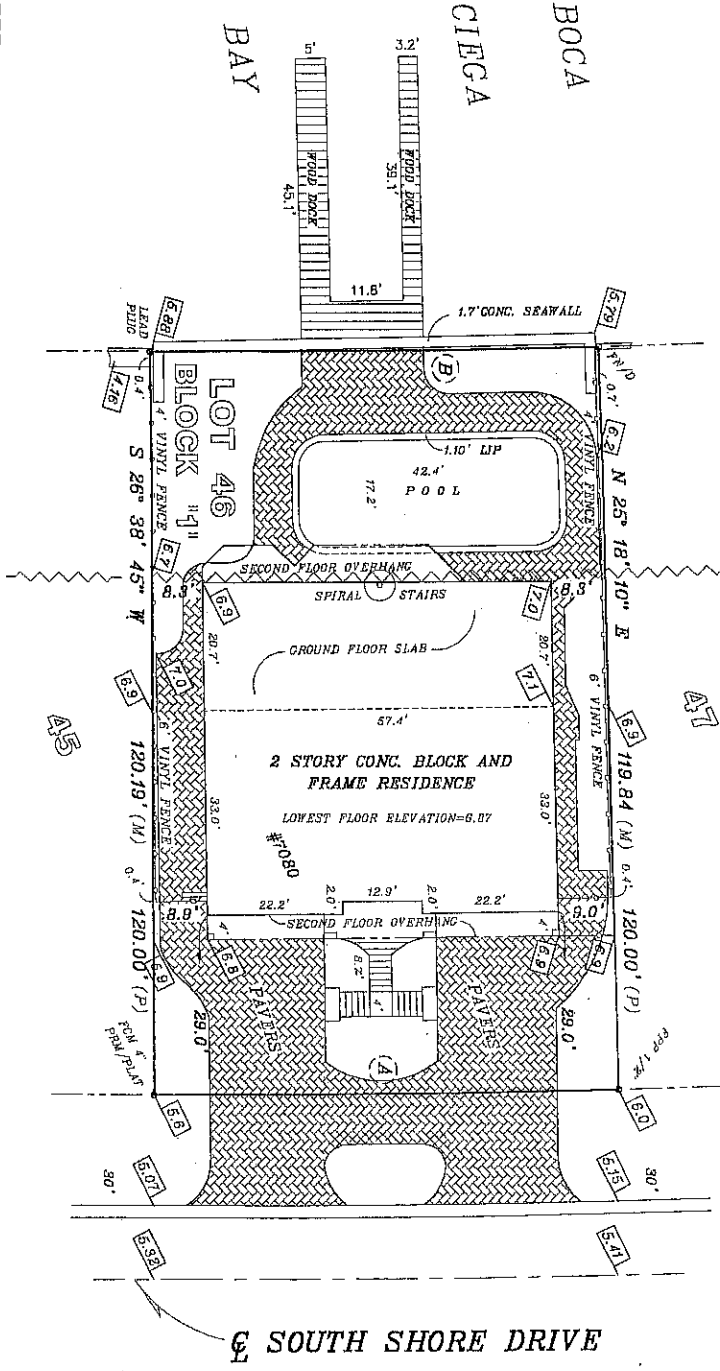
SECTION 31, TOWNSHIP 31S., RANGE 16E.

CITY OF SU
SEP 15 2006

CURVE DATA 28

(A) $RADIUS = 3236.51'$
 $ARC = 75.87'$ (P/M)
 $CHORD = 75.86'$
 $S 64^{\circ} 01' 32'' E$
 (BEARING BASIS)

(B) RADIUS= 316.51'
 ARC= 73.05' (P/W)
 CHORD= 73.04'
 N 64° 01' 32" W



SCALE: 1"=20'

NOTES:

THE FLA ZONE DELINEATION AS SHOWN ON DRAWING WAS ESTABLISHED BY JOSEPH C. SWANSON, P.E. No. 36440, A REGISTERED PROFESSIONAL ENGINEER, AND CONFIRMED BY THE CITY OF SOUTH PASADENA COMMUNITY IMPROVEMENT DEPARTMENT.

ELEVATIONS SHOWN HEREON ARE BASED ON NATIONAL GEODETIC SURVEY PUBLISHED ELEVATION "EUD 66 USE (RESET 1975)". BENCHMARK ELEVATION IS 76.34 (NAVD 1988).

A SURVEY OF LOT 46, BLOCK 1, PASADENA ISLE, AS RECORDED IN PLAT BOOK 47, PAGE 9, OF THE PUBLIC RECORDS OF PINELLAS COUNTY, FLORIDA.

F.E.M.A. Zones " AE (BFE 12), VE (BFE 13) " , Per Panel No. 12103 C 0276G (09-03-03)

EVANS LAND SURVEYING, INC.

1460 BELTREES STREET UNIT 9
DUNEDIN, FL 34698 (727)734-3821

1. DISORDERLY AS PERFORMED BY CLIENT.	
2. SURVEY WAS PERFORMED WITHOUT BENEFIT OF AN ABSTRACT OF TITLE.	
3. ORDER: NAME SHOWN ON PLAT THIS FIRM HAS MADE NO ATTEMPT TO RESEARCH OR RECONSTRUCT THE CHAIN OF TITLE.	
4. NO UNDERGROUND IMPROVEMENTS WERE LOCATED.	
5. FINISHED DRAINAGE SYSTEM OF PLANNED SUBDIVISIONS AND/OR TRAILS, ETC., WERE NOT LOCATED.	
6. NO RECORDS OF EASEMENTS OR RIGHTS OF WAY WERE LOCATED.	
7. NO RECORDS OF EASEMENTS OR RIGHTS OF WAY WERE LOCATED.	
8. EASEMENTS ARE BASED UPON JUNE 1988 DATA.	
9. SURVEY CHANGES NOTED, FOUND CHANGES HAVE NO IDENTIFYING CAD OR DIST.	
10. FOUND CHANGES MONUMENT	
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Mary J. Evans 9-10-08
 LARRY D. EVANS JOHN C. BINDER
 FL. REG. NO. 2937 FL. REG. NO. 4888
 (SURVEY INVALID WITHOUT DATED SEAL)

To satisfy requirements of the National Flood Insurance Program (NFIP) permit authority. A copy of 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.

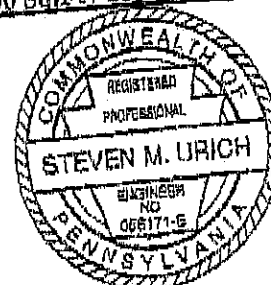
The Smart VENT® and Flood VENT™ Foundation Flood Vent is certified as meeting the flood opening requirements for engineered openings as set forth in the Federal Emergency Management Agency's National Flood Insurance Program regulations (44 CFR 60.3(c)(5)) and ASCE 24-98, provided it is installed according 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

I do hereby certify that the Smart VENT® Louvered Foundation Flood Vent and the Flood VENT™ 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 Flood VENT™ 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 St. M. Ulrich
Title SENIOR PROJECT ENGINEER
Type of License REGISTERED PROFESSIONAL ENGINEER
License Number 056171-E



Professional Seal

*Project Name _____
*Project Address _____
*Date Submitted _____
* Required Fields*

Installation Limitations and Instructions

1. The Smart VENT® or Flood VENT™ 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 are to 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 1-93 Guidance for Engineered Openings Openings in Foundation Walls

National Flood Insurance Program (NFIP) Technical Bulletin TB 1-93

"In situations where it is not feasible or desirable to meet the openings criteria stated 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 1-93, certification by a registered professional engineer or architect is required. Such certification must be submitted to, and kept on file by, the community. These certifications 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." (TB 1-93 is available through Smart VENT® or online at www.fema.gov)

Form SMRT108 Rev. A

This form is the property of Smart VENT Inc. Modification or Duplication is Strictly Prohibited without authorization.