

# ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

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

<b>BWLK JOB#</b> 35459	<b>SECTION A – PROPERTY INFORMATION</b>	<b>FOR INSURANCE COMPANY USE</b>
A1. Building Owner's Name WINDOVER 5200 ESTERO, LLC		Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 5228 ESTERO BLVD (BUILDING #1, TURTLE WALK OF FORT MYERS BEACH) City FORT MYERS BEACH State FL ZIP Code 33931		Company NAIC Number:
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) STRAP NO 33-46-24-W1-00206.0160 SECTION 33-46-24		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>RESIDENTIAL</u>		
A5. Latitude/Longitude: Lat. <u>26°25'57.3"</u> Long. <u>81°54'59.3"</u> 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 <u>6</u>		
A8. For a building with a crawlspace or enclosure(s):		
a) Square footage of crawlspace or enclosure(s) <u>1046+/-</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>3</u>	a) Square footage of attached garage <u>N/A</u> sq ft	b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>N/A</u>
c) Total net area of flood openings in A8.b <u>822</u> sq in	c) Total net area of flood openings in A9.b <u>N/A</u> sq in	d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

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

B1. NFIP Community Name & Community Number TOWN OF FORT MYERS BEACH 120673		B2. County Name LEE	B3. State FLORIDA		
B4. Map/Panel Number 12071C0566	B5. Suffix F	B6. FIRM Index Date 8-28-08	B7. FIRM Panel Effective/Revised Date 8-28-28	B8. Flood Zone(s) VE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) +16 (NAVD 1988)
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 checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____					
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					

## 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: NGS BENCHMARK G-245 Vertical Datum: NAVD 88  
 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>6.4</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	<u>21.9</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>19.4</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>5.9</u>	<input checked="" 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>16.9</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>5.1</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>5.9</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>5.4</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.

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	Scott C. Whitaker	License Number	4324
Title	Professional Surveyor and Mapper	Company Name	Bean, Whitaker, Lutz & Kareh, Inc. (LB4919)
Address	13041-1 McGregor Boulevard	City	Fort Myers
		State	FL
		ZIP Code	33919
Signature		Date	12-12-14
		Telephone	239-481-1331

Bean, Whitaker, Lutz & Kareh, Inc. (LB4919)

Scott C. Whitaker,  
P.S.M. 4324



# Building Photographs

See Instructions for Item A6.

**IMPORTANT: In these spaces, copy the corresponding information from Section A.**

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 5230 ESTERO BLVD (BUILDING #1, TURTLE WALK OF FORT MYERS BEACH)		FOR INSURANCE COMPANY USE
City FORT MYERS BEACH State FL ZIP Code 33931		Policy Number:
		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.



# Building Photographs

Continuation Page

**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.  
5230 ESTERO BLVD (BUILDING #1, TURTLE WALK OF FORT MYERS)

Policy Number:

City FORT MYERS BEACH

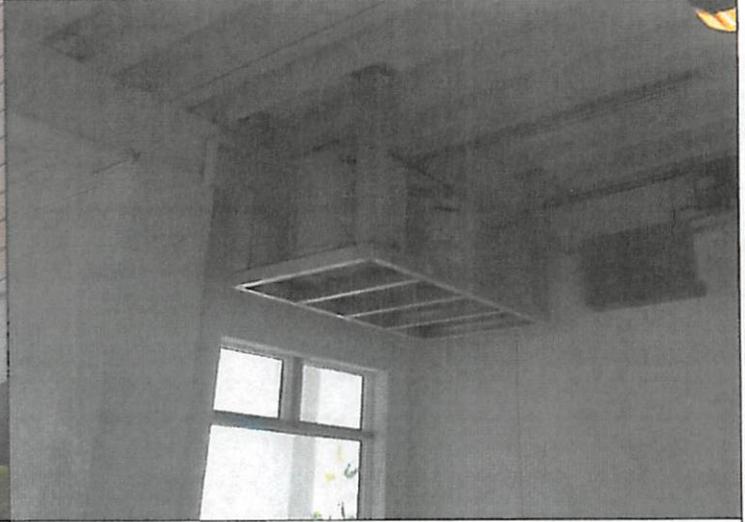
State FL ZIP Code 33931

Company NAIC Number:

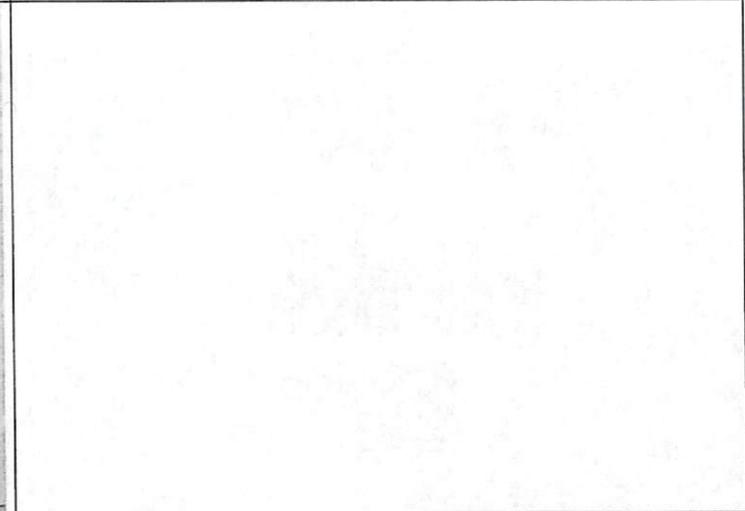
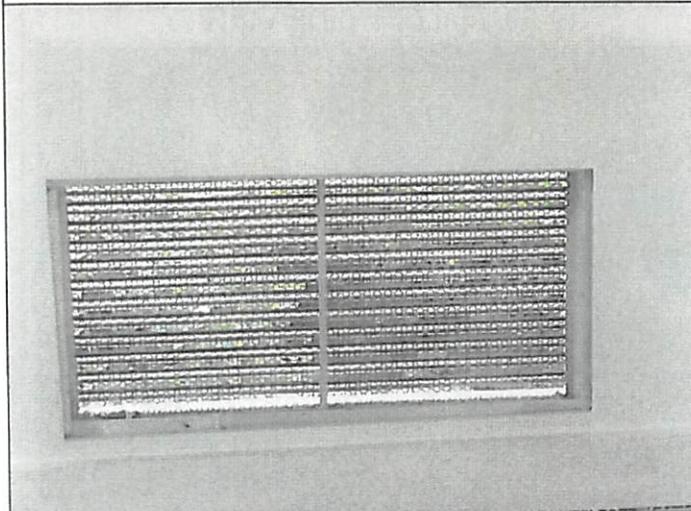
If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

12-12-14; AIR CONDITIONER

12-12-14; HOT WATER HEATER

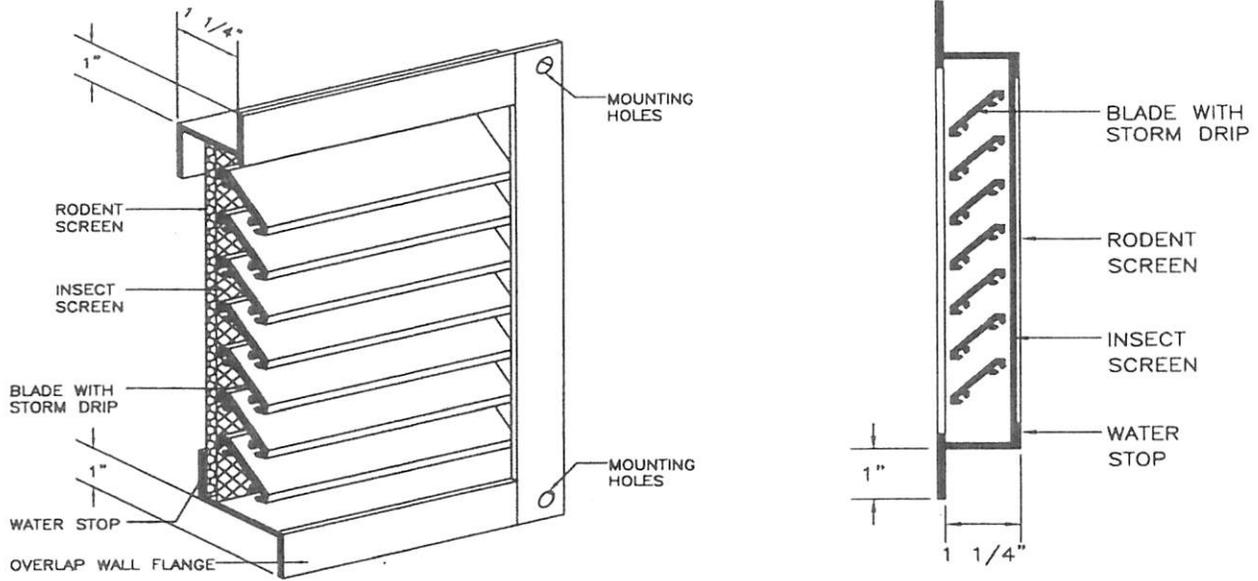


12-12-14; FLOOD VENT



# FEMA COMPLIANT ENGINEERED FLOOD VENTS

## FLOOD SOLUTIONS MODEL "F"



FEMA Compliant Engineered Flood Vents meet FEMA requirements when installed properly.

- Use at least 2 flood vents per enclosed area below flood grade, installed on at least two separate walls.
- The bottom of the flood vent opening must not be higher than 12 inches above the grade.
- At least 1 square inch of engineered opening for every 1 square foot of enclosed space.
- An engineered certificate from the state in which the building is located is required for all engineered openings without ICC-ES certification.

Qty	Model	Minimum Opening Required	Engineered Opening Covers
	1412-F	14-1/2" Wide x 12" High	145 sq ft
	1608-F	16" Wide x 8" High	124 sq ft
	1616-F	16" Wide x 16" High	221 sq ft
	2412-F	24" Wide x 12" High	274 sq ft
	2416-F	24" Wide x 16" High	362 sq ft
	3208-F	32" Wide x 8" High	252 sq ft

Finishes	
	Black Kynar
	Light Grey Kynar
	Light Tan Kynar
	White Kynar
	No Finish (for field painting)

**Frame:** 1-1/4" DEEP, 1" Front Flange; heavy gauge extruded aluminum sections, minimum .125" thickness

**Blades:** Heavy gauge extruded aluminum sections, minimum .063" thickness

**Construction:** Extruded aluminum sections mechanically fastened

**Insect/Rodent Screen:** Heavy-duty aluminum insect & rodent screen; rear mounted



**FLOOD SOLUTIONS, LLC.**  
 One Industrial Park Drive  
 Bldg. 27  
 Pelham NH, 03076  
 Toll Free: 1-800-325-9775  
 In NH: 603-595-5222  
 Fax: 603-595-4778  
[www.floodsolutions.com](http://www.floodsolutions.com)  
[info@floodsolutions.com](mailto:info@floodsolutions.com)

PROJECT:	
CONTRACTOR:	
RETAILER:	
DATE:	

# CERTIFICATION OF ENGINEERED FLOOD OPENINGS (FEMA TB-1 August 2008)

I do hereby certify that the **FLOOD SOLUTIONS LLC** Flood Vent properly installed and sized in accordance with Federal Emergency Management Agency's (FEMA's) National Flood Program regulations is designed to automatically equalize hydrostatic flood forces on exterior walls by allowing for entry and exit of floodwater during floods up to and including the base 100-year flood.

I also do hereby certify that I calculated the Non Engineered Net Free Air and Engineered Opening size for each model and size of FLOOD SOLUTIONS LLC flood vents. The results of the calculations are recorded in the table below. The Engineered size opening calculation was performed using the formula in FEMA Technical Bulletin 1 – August 2008, Openings in Foundation Walls for Buildings Located in Special Flood Hazard Areas in accordance with the National Flood Insurance Program (NFIP) and ASCE/SEI 24-05, Flood Resistance Design and Construction.

I measured the Non Engineered Net Free Air by calculating the minimum distance between the top blade and the top of the vent times the clear opening width of the vent; plus the minimum distance between the bottom blade and the bottom of the vent the clear opening width of the vent; plus the minimum distance between each blade times the number of spaces between the blades in vent times the clear opening width of the vent.

I used the formula in TB 1 – August 2008 ( $A^o = 0.033 [1/C] R A_e$ ) to determine the Engineered Opening size for each model listed below. I used the following assumptions:  $A^o$  = total net area of openings required (in<sup>2</sup>); 0.033 = coefficient corresponding to a factor of safety of 5.0 (in<sup>2</sup> hr/ft<sup>3</sup>); c = 0.40 opening coefficient (ASCE 24 Table 2-3 "rectangular, long axis horizontal, short axis vertical unobstructed during design flood") or C = 0.35 (square unobstructed during design flood); R = 5 ft/hr worst case rate of rise and fall; and  $A_e$  = 1 ft<sup>2</sup> total enclosed area.

Note: When the horizontal dimension is twice or more the vertical dimension, use 0.4; as the dimensions approach a square, interpolate from 0.4 to 0.35.

$$A^o / A_e = 0.033 [1/C] R = 0.033 [1/0.40 \text{ for rectangle, long axis horizontal}] = 0.4125 \text{ in}^2 \text{ per ft}^2$$

$$\text{or } A^o / A_e = 0.033 [1/C] R = 0.033 [1 / 0.35 \text{ for square}] = .4719 \text{ in}^2 \text{ per ft}^2$$

Each individual opening, and any louvers, screens, or other covers, shall be designed to allow automatic entry and exit of floodwaters during design flood or lesser flood conditions; there shall be a minimum of two openings on different sides of each enclosed area; if a structure has more than one enclosed area below the DFE, each area shall have openings; openings shall not be less than 3 inches in any direction in the plane of the wall; the bottom of each required opening shall be no more than 1 ft. above the adjacent grade; the difference between the exterior and interior floodwater levels shall not exceed 1 ft. during base flood conditions; in the absence of reliable data on the rates of rise and fall, assume a rate of rise and fall of 5ft/hr; where data or analysis indicated more rapid rates of rise and fall, the total net area of the required openings shall be increased to account for the higher rates of rise and fall.

MODEL Number Flood Solutions:	SIZE of OPENING: (WIDTH X HEIGHT)	Net Free Air (square inches):	ENGINEERED OPENING Each vent covers: (square ft.)
1412-F	14-1/2" x 12"	67	145
1509-F	16" x 9-1/2"	55	131
1608-F	16" x 8"	51	124
1608-D	16" x 8"	51	124
1608-C	16" x 8"	65	158
1616-F	16" x 16"	104	221
1616-D	16" x 16"	102	216
2412-F	24" x 12"	113	274
2412-D	24" x 12"	110	267
2416-F	24" x 16"	156	362
2416-D	24" x 16"	154	357
3208-F	32" x 8"	104	252
3208-D	32" x 8"	104	252

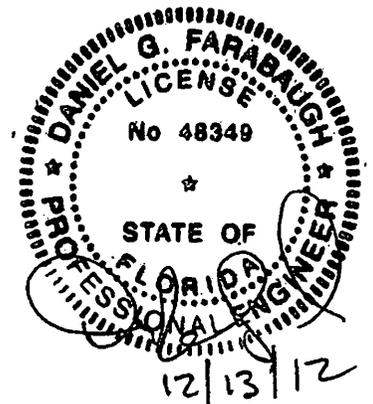
SIGNATURE: \_\_\_\_\_

NAME : DANIEL G. FARABAUGH

TYPE OF LICENSE: PROFESSIONAL ENGINEER

STATE: FLORIDA LICENSE NUMBER: 48349

DAN FARABAUGH, P.E.  
 FARABAUGH ENGINEERING AND TESTING, INC.  
 401 WIDE DR., MCKEESPORT, PA 15135  
 PHONE: 412-751-4001 FAX: 412-751-4003





# V-Zone Building Design and Performance Certificate

For new Construction and substantial improvements in Coastal High Hazard Areas

(To be completed by a Licensed Professional Engineer or Architect, authorized to certify such information by State)

## Section 1: Structure Location and Ownership Information

Structure Owner WINDOVER 5200 ESTERO, LLC

Mailing Address 13 ELM ST.

City MANCHESTER State MA Zip Code 01944

Structure Location 5200 ESTERO BLVD FORT MYERS BEACH, FL

Latitude 26.25.58 Longitude 81.55.00 County LEE

Other Legal Description SECTION 33, TOWNSHIP 46 S, RANGE 24 E

## Section 2: Flood Insurance Rate Map (FIRM) Data

NOTE: This Certificate is NOT a substitute for an Elevation Certificate.

Community Name Fort Myers Beach Community ID Number 120473 FIRM Panel Number 0566

Panel Suffix F FIRM Zone VE-16 Date of FIRM Panel Aug. 28, 2008 Date of Index Aug. 28, 2008

Located within the Coastal Barriers Resource Act (CBRA) Zone or Otherwise Protected Areas: Yes \_\_\_ / No X

## Section 3: Elevation Information

Record elevations to one tenth of a foot.

Check one: New Building X / Substantial Improvement \_\_\_ /

Date of Construction \_\_\_ / \_\_\_ / \_\_\_

Elevation of the bottom of the Lowest Horizontal Structural Member..... 19.3 feet

Base Flood Elevation (BFE)..... 16.0 feet

Elevation of Lowest Adjacent Grade (LAG)..... 5.5 feet

Elevation of Highest Adjacent Grade (HAG)..... 5.9 feet

Foundation type: Pilings X / Columns \_\_\_ /

Foundation Description: Pile Supported

Elevation at Bottom of Foundation ..... 0.0 feet

Depth of scour/erosion used for foundation design..... 2.3 feet

Embedment depth of pilings or foundation below LAG..... 15.5 feet

Datum used: NGVD 29 \_\_\_ / NAVD 88 X / other \_\_\_\_\_

### Section 4: V Zone Certifying Statement

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the proposed design and methods of construction are in accordance with accepted standards of engineering practice for meeting the following provisions:

1. The bottom of the lowest horizontal structural member of the lowest floor (excluding pilings or columns) is elevated to above the BFE; and
2. The pile or column foundation and structure attached thereto are anchored to resist floatation, collapse, lateral movement, or other structural damage from the effects of wind and water loads acting simultaneously on all structure components. Water loading values used are those associated with the base flood. Wind loading values used are those required by the applicable state or local building standards. The scour and erosion at the foundation have been estimated for conditions associated with the base flood, including wave action.

### Section 5: Breakaway Walls Certifying Statement

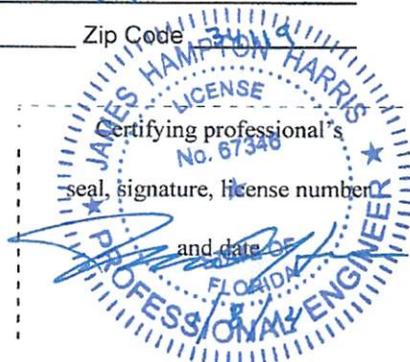
I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the proposed design and methods of construction are in accordance with accepted standards of engineering practice for meeting the following provisions:

1. Breakaway walls will collapse from a water load less than that which would occur during the base flood.
2. The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components (structural and non-structural).
3. The space below the lowest floor is designed to be used solely for parking of vehicles, building access, and/or storage.
4. The wind loading values used shall be those required by applicable State or local standards.

### Section 6: Certification

Check one: Sections 4 and 5  / Section 4 only  / Section 5 only

Name (please print) James Harris  
Title President License number 67346  
Phone Number 239-287-8575 EMAIL HarrisEG@hotmail.com  
Company Harris Engineering Group LLC  
Address 2145 Malibu Lake Circle, Suite 1816  
City Naples State FL Zip Code \_\_\_\_\_



ACKNOWLEDGEMENT OF FLOODPLAIN REGULATIONS

This ACKNOWLEDGEMENT OF FLOODPLAIN REGULATIONS is made this 16 day of January, 2014, by Windover 5200 Estero LLC ("Owner") of the property legally described in Exhibit A, attached hereto and made a part hereof.

WHEREAS, the owner in the record owner of all the real property described in Exhibit A, located in the Town of Fort Myers Beach in Lee County, Florida.

WHEREAS, the Owner has applied for a building permit on this property to place or improve a residential structure in a way that will fully enclose space below the base flood elevation (permit reference number BLD13-0206).

WHEREAS, the owner agrees to the recording of this acknowledgement in the public records of Lee County and acknowledges that the following floodplain regulations are legally in force to the affected property, and that these floodplain regulations, as they may be amended from time to time, will affect the rights and obligations of the Owner and shall be binding on the Owner, their heirs, personal representatives, successors, or assigns.

I (WE) HEREBY ACKNOWLEDGE THE FOLLOWING:

- 1. The structure or part thereof to which these regulations apply, whose legal description is attached as Exhibit A, is located at: 5228 Estero Blvd. (Unit 1), Fort Myers Beach, Florida 33931, and is currently identified by Lee County as STRAP # 33-46-24-W1-00206.0160.
2. The base flood elevation established for this site by the Fort Myers Beach Land Development Code is 16.0 feet above mean sea level as of this 16 day of January, 2014.
3. The floodplain regulations of the Town of Fort Myers Beach require that fully enclosed space below the base flood elevation may be used only for parking, building access, and storage; electrical, plumbing, and other utility connections are permitted below the base flood elevation per Land Development Code § 6-472; the interior shall not be partitioned or finished into separate habitable rooms; all structural and non-structural components must use materials that are resistant to flood forces and deterioration caused by repeated inundation; and walls must be designed to allow for the entry and exit of floodwaters to equalize hydrostatic flood forces.
4. Any unauthorized alterations or changes from the permitted improvements shall constitute a violation of the Fort Myers Beach Land Development Code, and may also render the structure uninsurable. The Town of Fort Myers Beach may take any legal action authorized by its Land Development Code, including but not limited to the forced removal of said alterations, to correct any violation.

In witness whereof, I (we) set our hands this 17 day of January, 2014.

W. Miller
Owner

Owner

STATE OF Florida, COUNTY OF Lee; Sworn to and subscribed before me this 17 day of January, 2014, by Wendy Miller, who personally known to me.

Signature of Notary Public: Alisa M. Accardi

Printed name of Notary Public: Alisa M. Accardi Stamp:



**EXHIBIT "A"**

**Parcel 1:**

The Northwesterly 33.1 feet of Lot 17 and all of Lots 18, 19, 19A, 19B, 20, 21, 22, 23, 24, 25 and an 8 foot strip contiguous to the North line of Lots 19, 19A, 19B, bounded on the Northwest by said Lot 21, on the North by the Subdivision boundary and Northeast by Estero Boulevard, all in Block 6, Map of Gulf Heights as recorded in Plat Book 6, Page 39, among the Public Records of Lee County, Florida, together with an easement for roadway purposes in common with owner of Lot 26, of said Block 6, over and across the 12 foot strip of the Easterly side of said Lot 17, Block 6, Map of Gulf Heights, all lying in Government Lot 3, Section 33, Township 46 South, Range 24 East, Lee County, Florida.

**Parcel 2:**

Lots 26, 27 and a portion of Lot 17, Block 6, Gulf Heights, according to the plat thereof recorded in Plat Book 6, Page 39, Public Records of Lee County, Florida, and being more particularly described as follows:

Beginning at the Northeast corner of Lot 17, thence Southwesterly along the Easterly side of said lot 10 the Southwest corner thereof; thence Northwesterly along the Southerly boundary of Lot 17, a distance of twelve feet; thence Northeasterly on a line parallel with the Easterly side of said lot the Northerly boundary thereof; thence Northeasterly to the Point of Beginning; said 12 foot strip being used as a right-of-way for roadway purposes by the owners of Lots 17, 25, 26 and 27, of said Block 6, in Gulf Heights; Also that certain easement for private driveway purposes 5 feet in width over the West side of Lot 16, Block, said easement being more specifically set forth in those certain deeds recorded in Deed Book 179, Page 349 and 351, Public Records, Lee County, Florida; Lot 27 being subject to that certain easement 5 feet in width along the East side of Lot 27, Block 6, Gulf Heights, for use as a foot walkway only to be used in connection with Lot 16, said Block 6, Gulf Heights, as per deeds in Deed Book 179, pages 349 and 351.

(Parcel 1 and Parcel 2 collectively referred to as the "Land")