

# ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

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

## SECTION A - PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

A1. Building Owner's Name **APM GROUP**

Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.  
**1393 COLLIER BOULEVARD**

Company NAIC Number:

City **MARCO ISLAND**

State **FL**

ZIP Code **34145**

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)  
**LOT 2, BLOCK 25, MARCO BEACH UNIT ONE**

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

A5. Latitude/Longitude: Lat. **25° 57' 33.25"N** Long. **81° 42' 40.87"W**

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 **1-B**

A8. For a building with a crawlspace or enclosure(s):

- a) Square footage of crawlspace or enclosure(s) **N/A** sq ft
- b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade **N/A**
- c) Total net area of flood openings in A8 b **N/A** sq in
- d) Engineered flood openings?  Yes  No

A9. For a building with an attached garage:

- a) Square footage of attached garage **974** sq ft
- b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade **5**
- c) Total net area of flood openings in A9 b **1000** sq in
- d) Engineered flood openings?  Yes  No

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

B1. NFIP Community Name & Community Number <b>CITY OF MARCO ISLAND 120426</b>		B2. County Name <b>COLLIER</b>		B3. State <b>FLORIDA</b>	
B4. Map/Panel Number <b>12021 C 0829</b>	B5. Suffix <b>H</b>	B6. FIRM Index Date <b>5/16/2012</b>	B7. FIRM Panel Effective/Revised Date <b>5/16/2012</b>	B8. Flood Zone(s) <b>AE</b>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <b>8.0'</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/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  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: **SITE** 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) **9.0**  feet  meters
- b) Top of the next higher floor **22.4**  feet  meters
- c) Bottom of the lowest horizontal structural member (V Zones only) **N/A**  feet  meters
- d) Attached garage (top of slab) **7.8**  feet  meters
- e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) **9.0**  feet  meters
- f) Lowest adjacent (finished) grade next to building (LAG) **5.6**  feet  meters
- g) Highest adjacent (finished) grade next to building (HAG) **7.5**  feet  meters
- h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support **N/A**  feet  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.

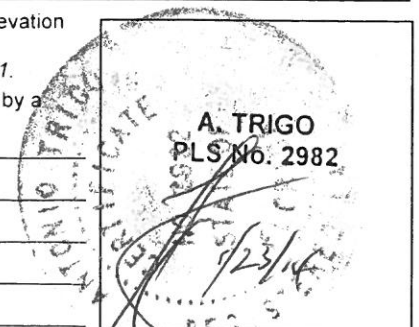
- Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor?  Yes  No
- Check here if attachments.

Certifier's Name **ANTONIO TRIGO** (98.0554) License Number **PLS 2982**

Title **LAND SURVEYOR** Company Name **A. TRIGO & ASSOCIATES, INC.**

Address **2223 TRADE CENTER WAY** City **NAPLES** State **FL** ZIP Code **34109**

Signature \_\_\_\_\_ Date **1/23/2014** Telephone **239-594-8448**



# 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. 1393 COLLIER BOULEVARD		FOR INSURANCE COMPANY USE
City MARCO ISLAND		Policy Number:
State FL	ZIP Code 34145	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 VIEW 2/25/2014



REAR VIEW 2/25/2014





# BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

13-5674 Screen

13-0422 SF

13-0423 Pool

127 W. Fairbanks Ave.

Suite 438

Winter Park, FL 32789

407.644.6957 PH

407.644.2366 FX

contact@buildingdrops.com

## Product Evaluation Report

*of*

**Smart Vent Products, Inc.**

**“FloodVent Model #1540-520”**

**“SmartVent Model #1540-510”**

**“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”**

*for*

**Florida Product Approval**

**FL# FL5822-R2**

**Report No. 1550**

**Florida Building Code 2007 & 2010**

**Per Rule 9N-3**

<b>Method:</b>	<b>2 – B (Engineering Evaluation)</b>
<b>Category:</b>	<b>Structural Components</b>
<b>Sub – Category:</b>	<b>Products Introduced as a Result of New Technology</b>
<b>Other Sub-Category:</b>	<b>Ventilation</b>
<b>Product:</b>	<b>Automatic Foundation Flood Vents (AFFV)</b>
<b>Material:</b>	<b>Stainless Steel</b>
<b>Product Dimensions:</b>	<b>Foundation Dimensions-15 3/4” x 7 3/4”</b> <b>Wood Wall Dimensions- 14” x 8 3/4”</b>

### Prepared For:

**Smart Vent Products, Inc.**

**430 Andbro Drive, Unit 1**

**Pitman, NJ 08071**

### Prepared by:

**Alexis Spyrou, P.E.**

Florida Professional Engineer # 68101

Date: 11/28/2011

#### Contents:

Evaluation Report

Pages 1 – 3

Alexis Spyrou, P.E.

Florida No. 68101



# BUILDING DROPS

A Perfect Solution in Every Drop

Certificate of Authorization: 29578

FL#: FL5822-R2

Date: 11/28/2011

Report No: 1550

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## Limits of Use (cont.):

4. Site conditions that deviate from the details of the drawings require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions for size and design pressure limitations.
6. Wall construction shall meet requirements of Section 1612 and Appendix G of the FBC as deemed technically relevant due to site conditions.

## Quality Assurance:

The manufacturer has demonstrated compliance of ventilation products in Accordance with the Florida Building Code and Rule 9N-3 for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Architectural Testing, Inc.** (FBC Organization #: QUA 1844)

## Performance Standards:

The product described herein has been tested per:

- ASTM E 330-02
- ASCE 24-05
- TAS 202-94

## Code Compliance:

The product described herein complies with 2010 FBC Section 1714.2 and the intent of 2010 FBC Section 1612.5(1)(1.2).

## Referenced Data:

1. Product Testing performed by Architectural Testing, Inc. (FBC Organization # TST1558)  
Report #: 01-42966.01, Report Date: 11/15/02  
Report #: 38957.102-122-44, Report Date: 11/16/05  
Report #: 60619.01-122-47, Report Date: 11/16/05  
Report #: 61877.01-122-44, Report Date: 01/06/06  
Report#: 94135.01-109-18, Report Date: 08/31/09
2. Quality Assurance  
**Architectural Testing, Inc.**  
(FBC Organization #: QUA 1844)
3. ICC Evaluation Service  
ESR-2074: Meets requirements of AC364  
Reissued February 1, 2011

**Installation:** Refer to Installation Instructions by Manufacturer for installation requirements.

## Design Pressure:

Design Pressures  
+100/-100 PSF