

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
 Expiration Date: November 30, 2018

**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.  
 5151 WINDWARD AVENUE

**FOR INSURANCE COMPANY USE**  
 Policy Number:

City SARASOTA State Florida ZIP Code 34242

Company NAIC Number

**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 <b>17105159 B1</b>	G5. Date Permit Issued	G6. Date Certificate of Compliance/Occupancy Issued
---	------------------------	---

- 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	Date
Community Name	Telephone	
Signature		Date

Comments (including type of equipment and location, per C2(e), if applicable)

Check here if attachments.

# ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-9.

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

## SECTION A -- PROPERTY INFORMATION

A1. Building Owner's Name COURTNEY H. MC COLLUM TRUST		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. 5151 WINDWARD AVENUE		Company NAIC Number:	
City SARASOTA	State Florida	ZIP Code 34242	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) LOT 4, SARA SANDS UNIT 1, PID#0081130051			

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

A5. Latitude/Longitude: Lat. 27°16'38.10"N Long. 82°33'37.00"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 1B

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

a) Square footage of crawspace or enclosure(s) 0.00 sq ft

b) Number of permanent flood openings in the crawspace or enclosure(s) within 1.0 foot above adjacent grade 0

c) Total net area of flood openings in A8:b 0.00 sq in

d) Engineered flood openings?  Yes  No

A9. For a building with an attached garage:

a) Square footage of attached garage 657.00 sq ft

b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 4

c) Total net area of flood openings in A9:b 512.00 sq in

d) Engineered flood openings?  Yes  No

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

B1. NFIP Community Name & Community Number SARASOTA COUNTY 125144		B2. County Name SARASOTA	B3. State Florida
B4. Map/Panel Number 12115C0143	B5. Suffix F	B6. FIRM Index Date 11/04/2016	B7. FIRM Panel Effective/ Revised Date 11/04/2016
		B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 9

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

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SARASOTA Florida 34242

**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, ARA, ARAE, ARA1-A30, ARAH, ARAO.  
Complete Items C2:a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.  
Benchmark Utilized: NGS GC (SEE COMMENTS) Vertical Datum: NAVD 1988

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, crawspace, or enclosure floor)   | 9. 5 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| b) Top of the next higher floor  | N/A. | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only)  | N/A. | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| d) Attached garage (top of slab)   | 5. 0 | <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) | 9. 2 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG)   | 4. 4 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG)  | 4. 9 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support                               | N/A. | <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.

Were latitude and longitude in Section A provided by a licensed land surveyor?  Yes  No  Check here if attachments.


Certifier's Name License Number  
MICHAEL P ALLEN PSM 6822

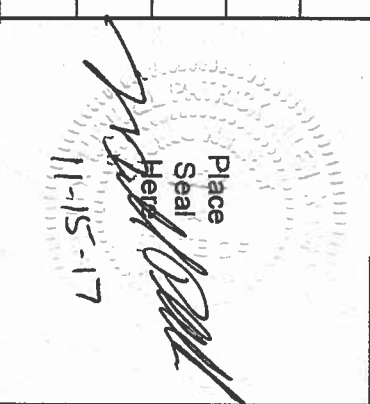
Title  
OWNER

Company Name  
BRIGHAM/ALLEN LAND SURVEYING

Address  
807 US HIGHWAY 41 BYPASS SOUTH, SUITE A

City State ZIP Code  
VENICE Florida 34285

Signature Date Telephone  
 11/15/2017 (941) 493-4430



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

Comments (including type of equipment and location, per C2(e), if applicable)

A5 SOURCE OF LAT/LONG IS HAND HELD GPS USING A CONVERSION APP (GPS TEST). C2(a-h) ELEVATIONS FROM CONSTRUCTION DRAWINGS CONVERTED FROM NGVD29 TO NAVD88 USING 1.063 CONVERSION FACTOR FROM VERTCON SOFTWARE FROM NOAA. C2(e) AC UNIT LOCATED ON THE LEFT SIDE OF HOUSE.

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**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 1-2 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 or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

Check here if attachments.

**ELEVATION CERTIFICATE**

**BUILDING PHOTOGRAPHS**

OMB No. 1660-0008  
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See Instructions for Item A6.

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SARASOTA

State  
Florida

ZIP Code  
34242

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.



Photo One

Photo One Caption FRONT 11/14/2017



Photo Two

Photo Two Caption REAR 11/14/2017

**ELEVATION CERTIFICATE**

**BUILDING PHOTOGRAPHS**

Continuation Page

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Policy Number:

City  
SARASOTA

State  
Florida

ZIP Code  
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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.

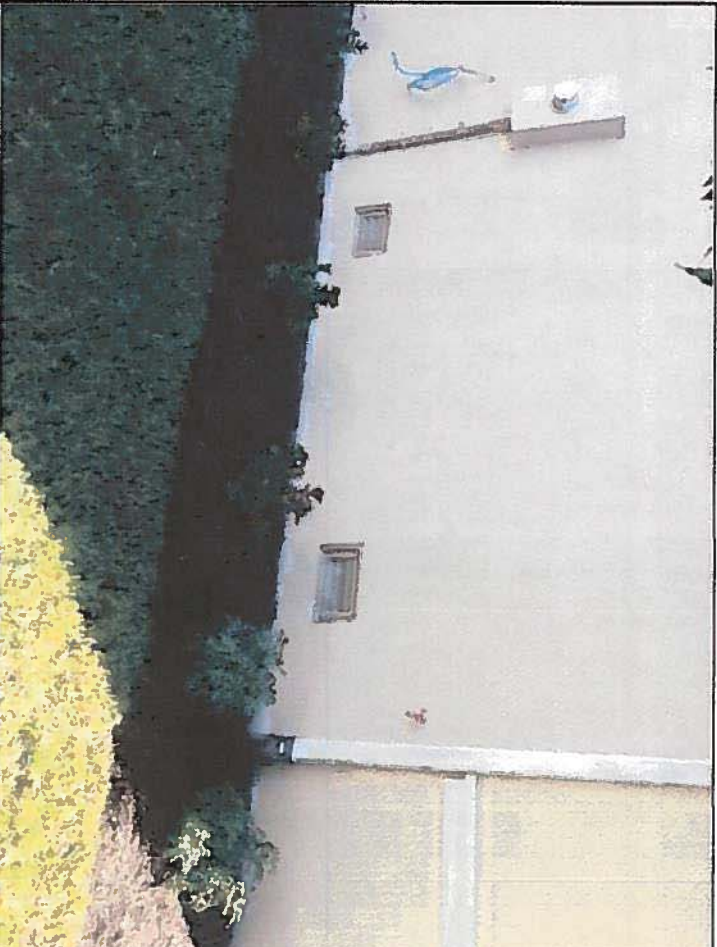


Photo One

Photo One Caption NORTH VENTS 11/14/2017



Photo Two

Photo Two Caption SOUTH VENTS 11/14/2017

# Business & Professional Regulation

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**Product Approval**  
User: Public User

[Product Approval Menu](#) > [Application Detail](#)



FL #

Application Type

Code Version

Application Status

FL5822-R4

Revision  
2014

Validated

Comments

02/16/2017v.date. reapply02/20/17

Archived

Product Manufacturer

Address/Phone/Email

Smart Vent Products, Inc.  
430 Andbro Dr Unit 1  
Pitman, NJ 08071  
(877) 441-8368  
Info@smartvent.com

Authorized Signature

Michael Graham  
Info@smartvent.com

Technical Representative

Address/Phone/Email

Michael Graham  
430 Andbro Dr Unit 1  
Pitman, NJ 08071  
(877) 441-8368  
Info@smartvent.com

Quality Assurance Representative

Address/Phone/Email

Category

Subcategory

Structural Components

Products Introduced as a Result of New Technology

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Hermes F. Norero P. E.  
Evaluation Report  
Florida License  
Quality Assurance Entity  
Quality Assurance Contract Expiration Date  
Validated By

PE-73778  
Architectural Testing, Inc.  
12/31/2018  
Locke Bowden  
Validation Checklist - Hardcopy Received

Certificate of Independence

[FL5822\\_R4\\_COI\\_Smart Vent COI SS 2015-02-23.pdf](#)

Referenced Standard and Year (of Standard)

Equivalence of Product Standards  
Certified By

1612.5(1)(1.2)  
1709.2

Sections from the Code



[OTHER HOSE](#) [ABOUT BSRM](#) [BSP DIVISIONS](#) [CONTACT BSRM](#)

Product Approval Method

Method 2 Option B

Date Submitted

02/15/2017

Date Validated

02/21/2017

## Summary of Products

FL #	Model, Number or Name	Description
5822.1	SmartVent Model #1540-510	Dual Function Flood and Ventilation Vent
<b>Limits of Use</b> Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +100/-100 Other: One vent may be used for up to 200 sq. ft. of interior space (minimum 2).		
<b>Installation Instructions</b> <a href="#">FL5822 R4 II 1540-510.pdf</a> Verified By: Hermes F. Noreno, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL5822 R4 AE PER4694 SS 2017-02-15.pdf</a> <a href="#">FL5822 R4 AE SmartVent - Impact Requirements Letter SS 2015-02-26.pdf</a> Created by Independent Third Party: Yes		
5822.2	SmartVent Model #1540-511	Dual Function Flood and Ventilation Vent
<b>Limits of Use</b> Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +100/-100 Other: One vent may be used for up to 400 sq. ft. of interior space (minimum 2).		
<b>Installation Instructions</b> <a href="#">FL5822 R4 II 1540-511.pdf</a> Verified By: Hermes F. Noreno, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL5822 R4 AE PER4694 SS 2017-02-15.pdf</a> <a href="#">FL5822 R4 AE SmartVent - Impact Requirements Letter SS 2015-02-26.pdf</a> Created by Independent Third Party: Yes		
5822.3	SmartVent Model #1540-514	Garage Door Dual Function Flood and Ventilation Vent
<b>Limits of Use</b> Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +100/-100 Other: One vent may be used for up to 200 sq. ft. of interior space (minimum 2).		
<b>Installation Instructions</b> <a href="#">FL5822 R4 II 1540-514.pdf</a> Verified By: Hermes F. Noreno, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL5822 R4 AE PER4694 SS 2017-02-15.pdf</a> <a href="#">FL5822 R4 AE SmartVent - Impact Requirements Letter SS 2015-02-26.pdf</a> Created by Independent Third Party: Yes		
5822.4	SmartVent Model #1540-520	Insulated Flood Vent
<b>Limits of Use</b> Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +100/-100 Other: One vent may be used for up to 200 sq. ft. of interior space (minimum 2).		
<b>Installation Instructions</b> <a href="#">FL5822 R4 II 1540-520.pdf</a> Verified By: Hermes F. Noreno, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL5822 R4 AE PER4694 SS 2017-02-15.pdf</a> <a href="#">FL5822 R4 AE SmartVent - Impact Requirements Letter SS 2015-02-26.pdf</a> Created by Independent Third Party: Yes		
5822.5	SmartVent Model #1540-521	Insulated Flood Vent
<b>Limits of Use</b> Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +100/-100 Other: One vent may be used for up to 400 sq. ft. of interior space (minimum 2).		
<b>Installation Instructions</b> <a href="#">FL5822 R4 II 1540-521.pdf</a> Verified By: Hermes F. Noreno, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL5822 R4 AE PER4694 SS 2017-02-15.pdf</a> <a href="#">FL5822 R4 AE SmartVent - Impact Requirements Letter SS 2015-02-26.pdf</a> Created by Independent Third Party: Yes		
5822.6	SmartVent Model #1540-524	16" Garage Door Flood Vent
<b>Limits of Use</b> Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +100/-100 Other: One vent may be used for up to 200 sq. ft. of interior space (minimum 2).		
<b>Installation Instructions</b> <a href="#">FL5822 R4 II 1540-524.pdf</a> Verified By: Hermes F. Noreno, P.E. Florida P.E. 73778 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL5822 R4 AE PER4694 SS 2017-02-15.pdf</a> <a href="#">FL5822 R4 AE SmartVent - Impact Requirements Letter SS 2015-02-26.pdf</a> Created by Independent Third Party: Yes		



# DUAL FUNCTION SERIES

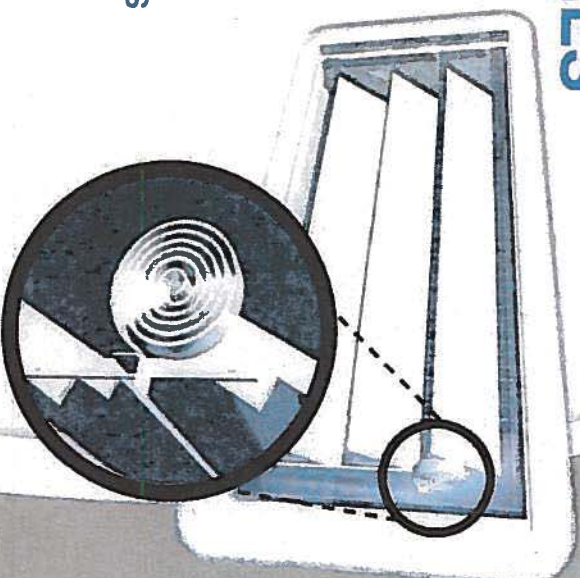
This series of vents offers certified flood venting protection with superior automatic natural ventilation control. Ideal for crawlspace applications and other areas requiring flood venting protection as well as natural air ventilation.

## VENTILATION

A bimetal coil automatically opens and closes the ventilation louvers as temperature changes from 35° F to 75° F.

No electricity is required.

In the event of a flood, the internal floats lift to release the flood door to rotate open and relieve the hydrostatic pressure regardless of the louvers' position, open or closed.

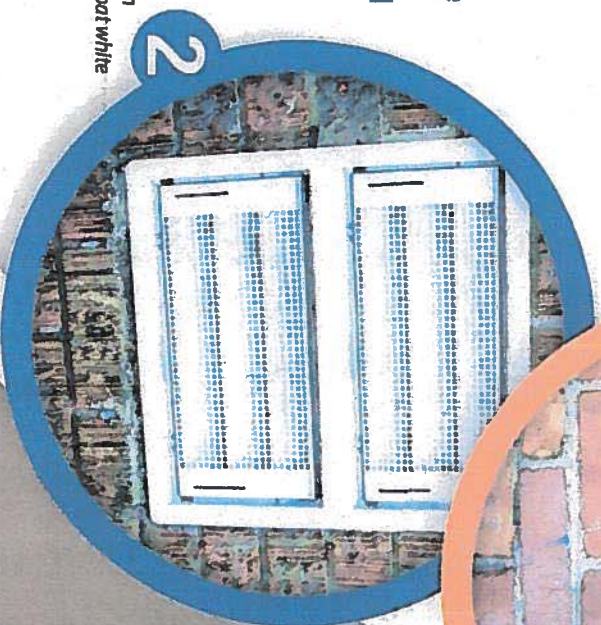


- 1 Smart Vent**  
1540-510
- 2 Stacker**  
1540-511

Stacker Models are twice as efficient as a single unit and are a great solution for large amounts of square footage, and in situations where there is not enough wall space to fit in the necessary or required single units.



*Pictured in  
custom powder  
coat black*



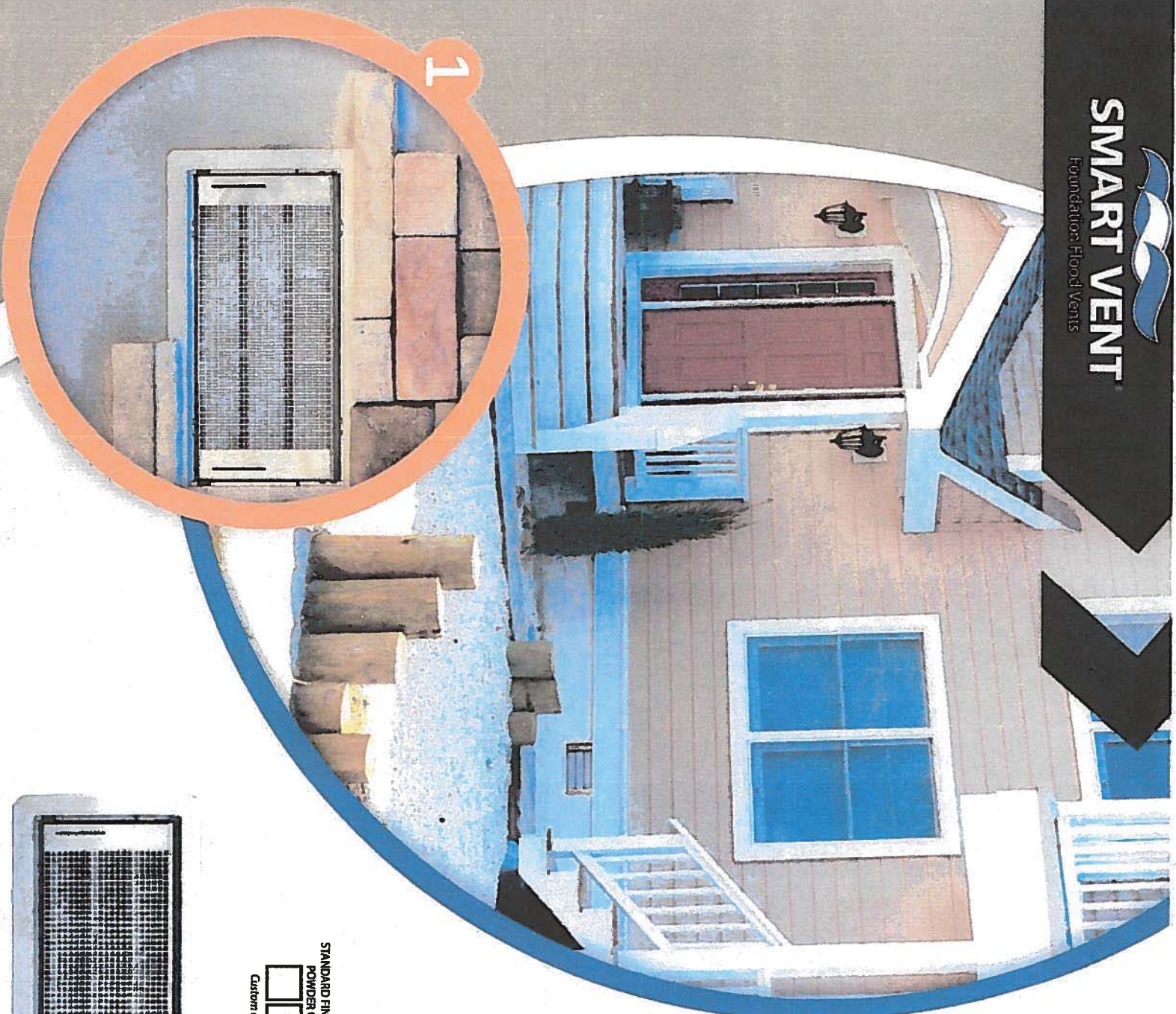
*Pictured in  
powder coat white*

**For more information on Flood Protection Solutions, contact:**

Smart Vent 430 Andriro Drive, Unit 1 • Pitman, NJ 08071  
Website: [www.smartvent.com](http://www.smartvent.com) Tel: (877) 441-8368 Email: [info@smartvent.com](mailto:info@smartvent.com)

# SMART VENT

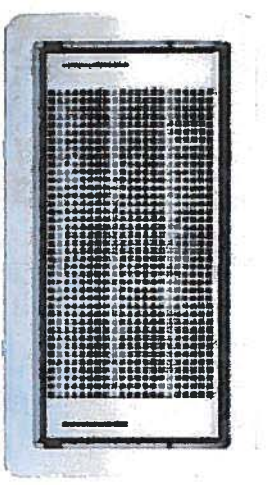
Foundation Flood Vents



STANDARD FINISH POWDER COAT WHITE  
POWDER COAT PAINT OPTIONS:



Custom colors also available.



MODEL NUMBER	FLOOD COVERAGE	AIR VENTILATION	VENT SIZE	ROUGH OPENING
1540-510	200 sq. ft.	51 sq. in.	16" W x 8" H x 3" D	16 ¼ in x 8 ¼ in
1540-511	400 sq. ft.	102 sq. in.	16" W x 16" H x 3" D	16 ¼ in x 16 ¾ in



To view other sizing options see Multi-Frames

**For more information on Flood Protection Solutions, contact:**

Smart Vent 430 Andro Drive, Unit 1 • Pitman, NJ 08071

Website: [www.smartvent.com](http://www.smartvent.com) Tel: (877) 441-8368 Email: [info@smartvent.com](mailto:info@smartvent.com)