

# 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. 3104 Casey Key Road	FOR INSURANCE COMPANY USE Policy Number:
City Nokomis	Company NAIC Number

State Florida	ZIP Code 34275
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## 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>13-107308 B1</b>	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	Telephone
Community Name		
Signature	Date	

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

Check here if attachments.

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3104 Casey Key Road Policy Number:

City State ZIP Code Company NAIC Number  
Nokomis Florida 34275

### 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

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 Dean LeBaron, TTEE and Marilyn Pitchford, TTEE		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. 3104 Casey Key Road		Company NAIC Number:	
City Nokomis	State Florida	ZIP Code 34275	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Metes & Bounds Portion of Government Lot 2 lying Easterly of Casey Key Road in Section 22-38-18 PID #0159030003			

- A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential
- A5. Latitude/Longitude: Lat. 27.166760° Long. -82.490724° 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 6
- A8. For a building with a crawlspace or enclosure(s):  
 a) Square footage of crawlspace or enclosure(s) 152.22 sq ft  
 b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 2  
 c) Total net area of flood openings in A8.b 256.00 sq in  
 d) Engineered flood openings?  Yes  No
- A9. For a building with an attached garage:  
 a) Square footage of attached garage 0.00 sq ft  
 b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0  
 c) Total net area of flood openings in A9.b 0.00 sq in  
 d) Engineered flood openings?  Yes  No

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

B1. NFIP Community Name & Community Number Sarasota County <u>125144</u>		B2. County Name Sarasota		B3. State Florida	
B4. Map/Panel Number 12115C0236	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) 10'

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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 3104 Casey Key Road

City Nokomis	State Florida	ZIP Code 34275	Company NAIC Number
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## 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: FDEP #Z699 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.

	Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	8.02 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
b) Top of the next higher floor	20.37 <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)	N/A <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)	10.22 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	3.72 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	9.89 <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	8.40 <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  
 Martin S. Britt License Number  
 LS 5538

Title Surveyor & Mapper	
Company Name MSB Surveying, Inc.	
Address 31 Sarasota Center Boulevard, Suite C	
City Sarasota State Florida	

Signature *Martin S. Britt* Date 11-20-2018 Telephone (941) 341-9935 Ext. N/A

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)  
 3 Story Structure with a tower. Main living on 2nd & 3rd floors. 1st floor/ground level for parking, storage & entry to upper levels. A5. obtained by FDEP Labins website. A8.a) denotes the one enclosed area below BFE. A8.c) denotes the openings prior to Engineered Vent installed. 2 Smart Vent Model #1540-510 accommodates 400sq.ft. of enclosure. C2.a) denotes the lowest enclosure on ground level. See Page 8 for other enclosed areas on ground floor information. C2.b) denotes the first living area finish floor. C2.c) lowest structural member = 18.25'. C2.e) denotes the bottom of the elevated hot water heater located in storage area #5 on ground floor. Bottom of 3 AC units located outside of structure on slab = 10.3'. Bottom of Generator = 10.8'. Bottom of electric panel box = 9.0'.  
 NOTE: added Page 7 photos, Page 8 for enclosed areas information. Also Smart Vent Information sheets and Building Diagram sheet.



**ELEVATION CERTIFICATE**

**BUILDING PHOTOGRAPHS**

See Instructions for Item A6.

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3104 Casey Key Road

City

State

ZIP Code

Company NAIC Number

Nokomis

Florida

34275

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 (11/20/2018) Front / West Side View

Clear Photo One



Photo Two

Photo Two Caption (11/20/2018) Right / South Side View from Rear of Structure

Clear Photo Two



**ELEVATION CERTIFICATE**

**BUILDING PHOTOGRAPHS**

Continuation Page

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3104 Casey Key Road

Policy Number:

City State ZIP Code  
Nokomis Florida 34275

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.



Photo Three

Clear Photo Three

Photo Three Caption (1/120/2018) Rear / East Side View

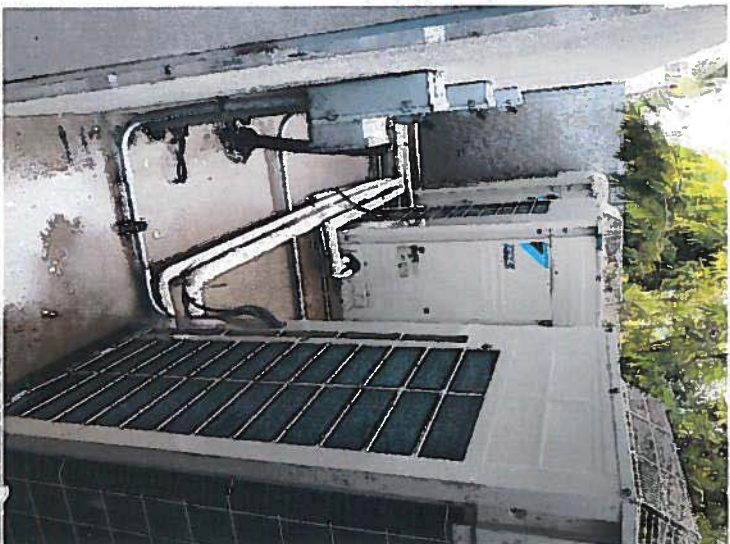


Photo Four

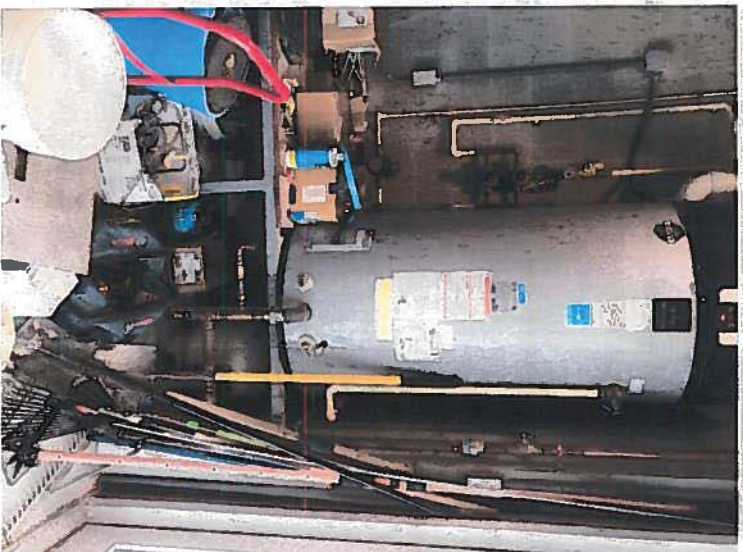
Photo Four Caption (1/120/2018) Left / North Side View From Rear of Structure

Clear Photo Four

(11/20/2018) AC Units on Slab Outside of Structure



(11/20/2018) Elevated Hot Water Heater Located in Storage Area #5 Ground Floor



ENTRY, ELEVATOR ROOM AND STORAGE AREA

Finish Floor = 10.26' (elevator shaft not accessible)

Area = 490.95 sq.ft.

Elevator Shaft Pit =

No flood vents in any exterior walls.

STORAGE AREA #2

Finish Floor = 10.33'

Area = 151.95 sq.ft.

1 Smart Vent #1540-510 (accommodates 200 sq.ft. enclosed area).

STORAGE AREA #3

Finish Floor = 10.29'

Area = 60.30 sq.ft.

1 Smart Vent #1540-510 (accommodates 200 sq.ft. enclosed area).

STORAGE AREA #4

Finish Floor = 10.27'

Area = 60.30 sq.ft. (pool equipment)

No flood vents in any exterior walls.

STORAGE AREA #5

Finish Floor = 8.02'

Area = 152.22 sq.ft. (utility control room and elevated hot water heater at elev. 10.02')

2 Smart Vents #1540-510 (accommodates 400 sq.ft. enclosed area).

Enclosed Area with Elevating Floor to all Levels of House. Contains Water Sensor for flooding.

Bottom of Shaft Finish Floor = 6.72'

Area = 209.55'

No flood vents in any exterior walls.





May 29, 2019

Atlantic Shutters, Inc.  
1970 NE 153rd St, Bay 6  
North Miami Beach, FL 33162

Regarding: LeBaron Residence  
3104 Casey Key Road  
Nokomis, FL

Attention: Sarasota County Building Department

The purpose of this letter is to state that the flood enclosure being provided by the above referenced contractor at the above referenced address when installed per the factory recommendations, will prevent flood water from entering or accumulating in the electrical panel boxes protected by the enclosure during conditions of flooding, up to the height of the top of the enclosure, which is 30" above the platform which the panels sit.

This letter in no way intends to certify the installed condition or imply that we visited the project site which shall all be performed by others.

Except as expressly provided herein, no additional certifications or affirmations are intended. Final approval shall be at the discretion of the governing authority having jurisdiction as inspection of work completed under permit has been performed by others. Unless otherwise noted herein, all work and installation shall follow drawing #19-7990 certified by this office, as well as the minimum requirements of the Florida Building Code Sixth Edition (2017). Thank you for your attention to this matter.

Respectfully,

05/29/2019

Frank L. Bennardo, P.E.  
ENGINEERING EXPRESS®  
PE#46549 | Cert. Auth. 9885 (FL)

19-7990

The Professional Engineer whose name & license appear herein has digitally signed this document. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED! This digital signature can be verified by instructions found online at [EngineeringExpress.com/Signature](http://EngineeringExpress.com/Signature)

Digitally signed by Frank Bennardo  
DN: c=US, st=Florida, l=Deerfield Beach, o=Frank Bennardo, cn=Frank Bennardo, email=frank@engineeringexpress.com  
Date: 2019.05.30 14:17:55 -04:00'

160 SW 12TH AVENUE SUITE 106, DEERFIELD BEACH, FLORIDA 33442  
PHONE: (954) 354-0660 - FAX: (954) 354-0443  
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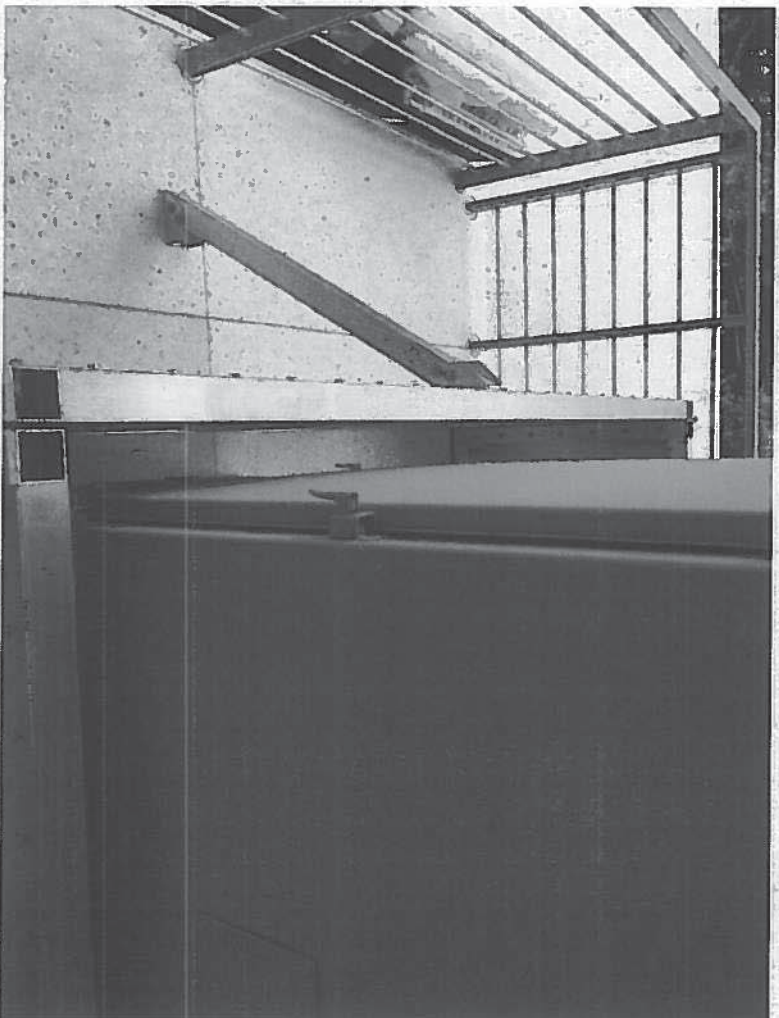


3104 Casey Key Rd (June 28, 2019)





3104 Casey Key Rd (June 28, 2019)

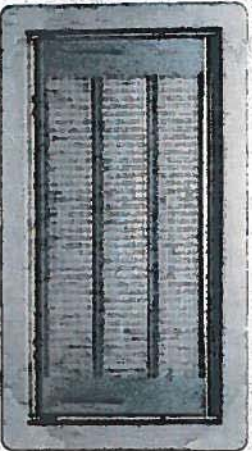








SMART VENT® - Model: 1540-510



**Model #:** 1540-510

**Installation Type:** Masonry Wall

**Style:** louvered

**Dimensions:** 16" x 8"

**Rough Opening:** 16 $\frac{1}{4}$ " x 8 $\frac{1}{4}$ " (one block, or CMU)

**Finish:** Stainless Steel (Standard)

**Available Powder Coat Colors For Special Order:**



**Optional Accessories:**

Fire Damper, Interior Trim Flange & Inner Sleeve, Rain Shield

**Other Models Available:** Insulated FLOOD VENT, Overhead Garage Door Model, Stacked and Quad Configurations, Models for Wood Studded Wall Applications and Pour in Place Buck Systems.

**There's more online at [www.smartvent.com](http://www.smartvent.com)**

Dealer Locator, Installer Locator, Cad Drawings, Installation Instructions, Technical Specifications, Frequently Asked Questions, Videos, Testimonials, Resource Library Database, Insurance Forms.



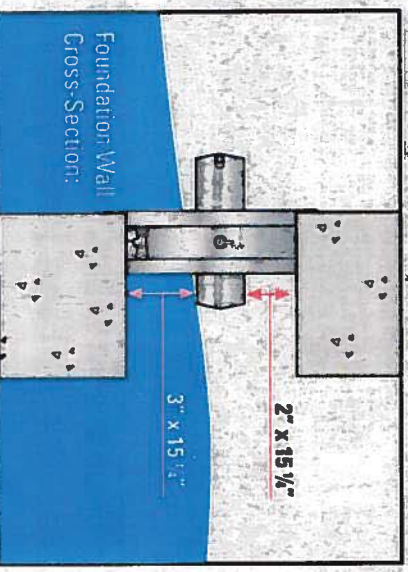
Rapidly rising floodwater can put extreme pressure on the foundation walls causing improperly vented structures to buckle and collapse. SMART VENTS® quickly and efficiently equalize the pressure and minimize damage.

**How it works:**

**Flood Protection:** The SMART VENT® door is latched closed until flood water enters. Entering flood water lifts the patented internal floats which unlatches and rotates the door open. This allows the flood water to automatically enter and exit through the frame opening, relieving the pressure from your foundation walls.

**Ventilation:** A bimetal coil (like a thermostat, no electricity is needed) automatically opens and closes the ventilation louvers as temperature changes. They will be closed when it is freezing outside and open when it is warm outside to provide natural ventilation.

**Important note:** SMART VENT® does not rely on the louvers to let floodwater in and out. Regardless of the louvers' position, opened or closed, when floodwater flows into the door, the internal floats release the door to rotate open to relieve the hydrostatic pressure. The louvers and pest screen are rotated out of the path of the floodwater. The temperature-controlled louvers are for ventilation purposes only.



**How does one SMART VENT® provide so much coverage?**

You may have heard that FEMA requires that flood openings provide one square inch of opening per one square foot of enclosed area, referring to dimensions of the opening in proportion to the space to be vented. This is only partially correct. FEMA's regulations and guidelines do state that a non-engineered flood vent solution must (among other requirements) provide one square inch of opening per square foot of enclosed area to be vented. However, all SMART VENT® products are ICC-ES certified engineered openings. They have been designed, engineered, tested, rated, and certified to provide flood relief so efficiently that only one unit is needed for 200 square feet of enclosed area. It would be our pleasure to contact your code official, surveyor, or insurance agent if they require more information.





SMART VENT® - Model: 1540-510



## Dual Function SMART VENT® Superior Flood Protection and Natural Air Ventilation

### ICC-ES Evaluated and FEMA Accepted Foundation Flood Vents

- Potential savings on homeowner's NFIP premiums
- Preserves aesthetic beauty of a home by requiring 2/3 less vents
- Each vent certified to protect 200 sq. ft. of your home
- Code Compliant, FEMA accepted, ICC-ES Evaluated
- All Stainless Steel construction meets or exceeds flood and corrosion resistance code requirements
- Patented automatic floats release bi-directional flood door
- Temperature controlled louvers automatically open in warm weather and close in cold weather

### One 16" x 8" vent is certified to cover 200 square feet of enclosed area for flood protection and 51 square inches for ventilation

SMART VENT® models are certified to provide flood protection and ventilation. This model is used for a home with a crawl space or any enclosed area that desires natural air ventilation and flood protection. All stainless steel construction resists weather and pest.



# SMART VENT

[www.smartvent.com](http://www.smartvent.com) • 877-441-8368

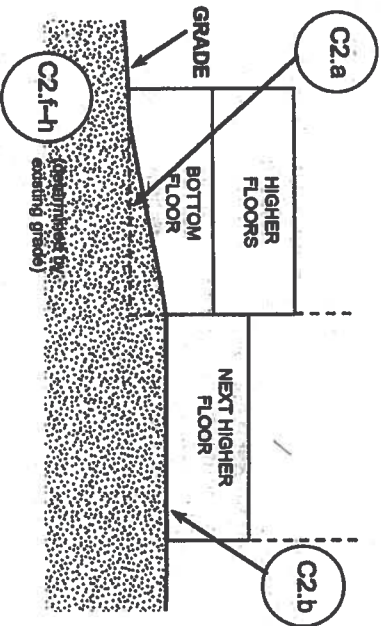


## Building Diagrams

**DIAGRAM 3**

All split-level buildings that are slab-on-grade, either detached or row type (e.g., townhouses); with or without attached garage.

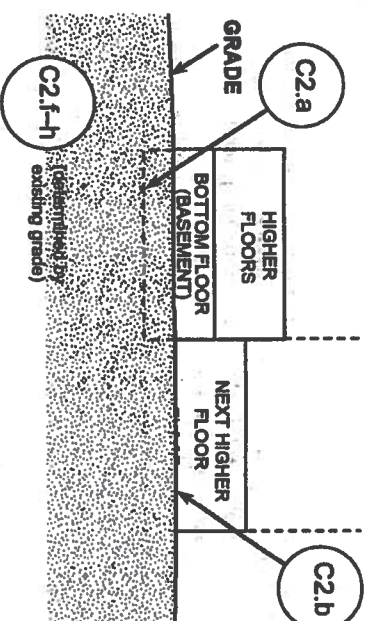
Distinguishing Feature – The bottom floor (excluding garage) is at or above ground level (grade) on at least 1 side.\*



**DIAGRAM 4**

All split-level buildings (other than slab-on-grade), either detached or row type (e.g., townhouses); with or without attached garage.

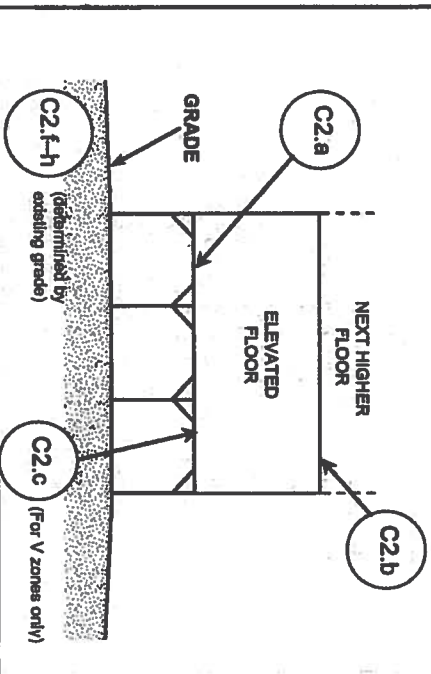
Distinguishing Feature – The bottom floor (basement or underground garage) is below ground level (grade) on all sides.\*



**DIAGRAM 5**

All buildings elevated on piers, posts, piles, columns, or parallel shear walls. No obstructions below the elevated floor.

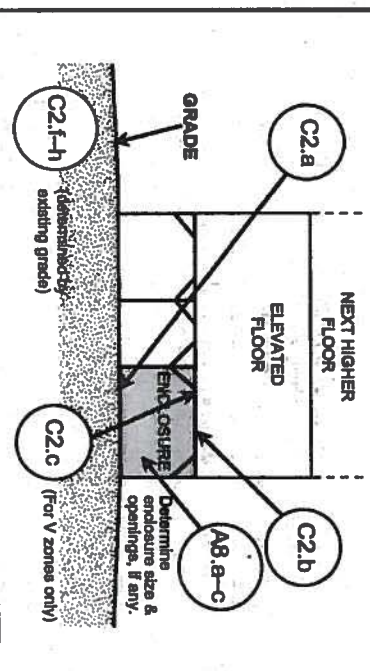
Distinguishing Feature – For all zones, the area below the elevated floor is open, with no obstruction to flow of floodwaters (open lattice work and/or insect screening is permissible).



**DIAGRAM 6**

All buildings elevated on piers, posts, piles, columns, or parallel shear walls with full or partial enclosure below the elevated floor.

Distinguishing Feature – For all zones, the area below the elevated floor is enclosed, either partially or fully. In A Zones, the partially or fully enclosed area below the elevated floor is with or without openings\*\* present in the walls of the enclosure. Indicate information about enclosure size and openings in Section A – Property Information.



- \* A floor that is below ground level (grade) on all sides is considered a basement even if the floor is used for living purposes, or as an office, garage, workshop, etc.

\*\* An "opening" is a permanent opening that allows for the free passage of water automatically in both directions without human intervention. Under the NFIP, a minimum of 2 openings is required for enclosures or crawlspaces. The openings shall provide a total net area of not less than 1 square inch for every square foot of area enclosed, excluding any bars, louvers, or other covers of the opening. Alternatively, an Individual Engineered Flood Openings Certification or an Evaluation Report issued by the International Code Council Evaluation Service (ICC ES) must be submitted to document that the design of the openings will allow for the automatic equalization of hydrostatic flood forces on exterior walls. A window, a door, or a garage door is not considered an opening; openings may be installed in doors. Openings shall be on at least 2 sides of the enclosed area. If a building has more than 1 enclosed area, each area must have openings to allow floodwater to directly enter. The bottom of the openings must be no higher than 1.0 foot above the higher of the exterior or interior grade or floor immediately below the opening. For more guidance on openings, see NFIP Technical Bulletin 1.

