

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 | | | | FOR INSURANCE COMPANY USE | |
|---|-----------------|-----------------------------------|--|---------------------------|--|
| A1. Building Owner's Name Oprock Longboat Key, LLC | | | | Policy Number: | |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 4711 Gulf of Mexico Drive (New Building) | | | | Company NAIC Number: | |
| City Longboat Key | | State Florida | | ZIP Code 34228 | |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Tax Parcel ID# 8011300004 | | | | | |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Non-Residential</u> | | | | | |
| A5. Latitude/Longitude: Lat. <u>27°23'56.89"N</u> Long. <u>082°38'53.89"W</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>11621.00</u> sq ft | | | | | |
| b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>51</u> | | | | | |
| c) Total net area of flood openings in A8.b <u>10200.00</u> sq in | | | | | |
| d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | |
| A9. For a building with an attached garage: | | | | | |
| 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 A9.b <u>N/A</u> sq in | | | | | |
| d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | |
| SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION | | | | | |
| B1. NFIP Community Name & Community Number Town of Longboat Key -125126 | | | B2. County Name Manatee | | B3. State Florida |
| B4. Map/Panel Number 12081C0294 | B5. Suffix E | B6. FIRM Index Date 03-17-2014 | B7. FIRM Panel Effective/ Revised Date 03-17-2014 | B8. Flood Zone(s) AE | B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 10 & 11 |
| 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 | | | | | |

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TOWN OF LONGBOAT KEY
Code, Zoning and Building

ELEVATION CERTIFICATE

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

| | | | |
|---|------------------|-------------------|----------------------------------|
| IMPORTANT: In these spaces, copy the corresponding information from Section A. | | | FOR INSURANCE COMPANY USE |
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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, 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: GIS086(AG9191) 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) _____ 6.60 feet meters
- b) Top of the next higher floor _____ 16.60 feet meters
- c) Bottom of the lowest horizontal structural member (V Zones only) _____ N/A feet meters
- d) Attached garage (top of slab) _____ N/A feet meters
- e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) _____ 6.60 feet meters
- f) Lowest adjacent (finished) grade next to building (LAG) _____ 6.10 feet meters
- g) Highest adjacent (finished) grade next to building (HAG) _____ 6.60 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.

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

| | | | |
|---|------------------------------------|-----------------------------|-------------------|
| Certifier's Name Kavin C. Wilmott | License Number Florida PSM#6809 | | |
| Title Professional Surveyor & Mapper | | | |
| Company Name George F. Young Inc. | | | |
| Address 10540 Portal Crossing, Suite 105 | | | |
| City Bradenton | State Florida | | ZIP Code 34211 |
| Signature | Date 04-21-2017 | Telephone (941) 747-2981 | Ext. |

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)
A8(b) Are Smart Vent flood vents, model # 1540-520 (see attached).
C2(e) Is a walk-in cooler in the Kitchen.

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"Not valid without the signature and ORIGINAL RAISED seal of a Licensed Florida Surveyor & Mapper"

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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


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ELEVATION CERTIFICATE

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| | | | |
|---|------------------|-------------------|----------------------------------|
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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 | 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 |
| Community Name | Telephone |
| Signature | Date |

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

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Check here if attachments.

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

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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 of Building (Date: 21 April 2017)

Clear Photo One



Photo Two

Photo Two Caption Looking Northeasterly (Date: 21 April 2017)

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Clear Photo Two

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

Continuation Page

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| | | | |
|---|------------------|-------------------|----------------------------------|
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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 Three

Photo Three Caption Looking Northerly (Date: 21 April 2017)

Clear Photo Three



Photo Four

Photo Four Caption (Date: 21 April 2017)

Clear Photo Four

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1540-520



Smart VENT

877- 441- 8368

www.smartvent.com

INSTALLATION INSTRUCTIONS & DETAILS

MODELS 1540-510 & 1540-520 DUAL FUNCTION FLOOD AND VENTILATION VENT & FLOOD VENT INSULATED

REV. C 05-01-09

INSTALLATION INSTRUCTIONS

1. Remove vent door from vent frame. (Turn upside down, rotate bottom of door outward and slide out)
2. Prepare a CLEAN 16.25" wide by 8.25" high rough opening (approx. 1 block wide X 1 block high) for each vent. Ensure the bottom of the rough opening is no more than 12" above the finished inside or outside grade whichever is higher
3. Apply a bead of polyurethane caulk around the back of the flange on the vent frame. (FIG. 2)
4. Bend the 4 steel straps to the thickness of the wall measuring from the end with the teeth see STRAP DETAIL
5. Insert the top straps into the top two strap slots about two clicks.
6. Insert the vent frame in the cut opening. The bent strap ends go in then up behind the inside of the wall.
Push the frame tight against the face of the wall. Ensure the frame is flush and square in the opening. (FIG. 3)
7. Reach through the vent opening and click the two straps in while holding the front of the vent against the wall face. The sharp point of the straps should not extend past the front of the vent face. Install the two remaining bottom straps.
8. Re-check that frame is square and slots are clear of debris, and caulk.
9. Install the door into frame by grasping the bottom of door (with float pins down) and front (small screen in front). Slide door into frame and rotate until it is latched.
10. To open the door insert two credit cards into the float slots as shown in the diagram. This will unlatch the door for removal and cleaning.

MODEL 1540-510

DETAILED SPECIFICATIONS:

MATERIAL: STAINLESS STEEL
 OPERATION FLOOD: AUTOMATIC NON-POWERED ACTIVATION AND OPERATION
 VENT REMAINS CLOSED AND LOCKED UNTIL ACTIVATED
 OPERATION AIR: AUTOMATIC LOUVERS FULLY OPEN AT 75 DEG. FULLY CLOSED AT 35 DEG. NO POWER REQUIRED

INSTALLATION:
 SECURED W/ 4 STAINLESS STEEL STRAPS SUPPLIED
 HYDROSTATIC RELIEF: 200 Sq. Ft per Vent
 VENTILATION: 51 Sq. In. per Vent NOTE: VAPOR BARRIER ALLOWS FOR REDUCED VENTILATION
 REQUIREMENTS FLOOD: MINIMUM OF 2 VENTS PER ENCLOSED AREA MOUNTED ON AT LEAST TWO DIFFERENT WALLS
 COLORS: STAINLESS (STANDARD)
 EXTERIOR POWDER COATED WHITE, WHEAT, GRAY, AND BLACK (AVAILABLE)

MODEL 1540-520

DETAILED SPECIFICATIONS:

MATERIAL: STAINLESS STEEL
 OPERATION: AUTOMATIC NON-POWERED ACTIVATION AND OPERATION

INSTALLATION:
 SECURED W/ 4 STAINLESS STEEL STRAPS SUPPLIED
 HYDROSTATIC RELIEF: 200 Sq. Ft per Vent
 REQUIREMENTS: MINIMUM OF 2 VENTS PER ENCLOSED AREA MOUNTED ON AT LEAST TWO DIFFERENT WALLS

COLORS: STAINLESS (STANDARD)
 EXTERIOR POWDER COATED WHITE, WHEAT, GRAY, AND BLACK (AVAILABLE)

MEETS THE REQUIREMENTS FOR ENGINEERED OPENINGS AS SET FORTH BY:
 FEMA, NFIP, ICC, & ASCE
 SUPPORTIVE DOCUMENTS, TB 1-08, 44CFR 60.3(C)(5), ASCE 24-05
 ICC EVALUATION # ESR-2074 EVALUATED UNDER AC-364

SHEET 2 OF 2

F-16 R05/02

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**DETAIL DIAGRAM
MODELS 1540-510 & 1540-520
DUAL FUNCTION FLOOD AND VENTILATION VENT &
FLOOD VENT INSULATED**

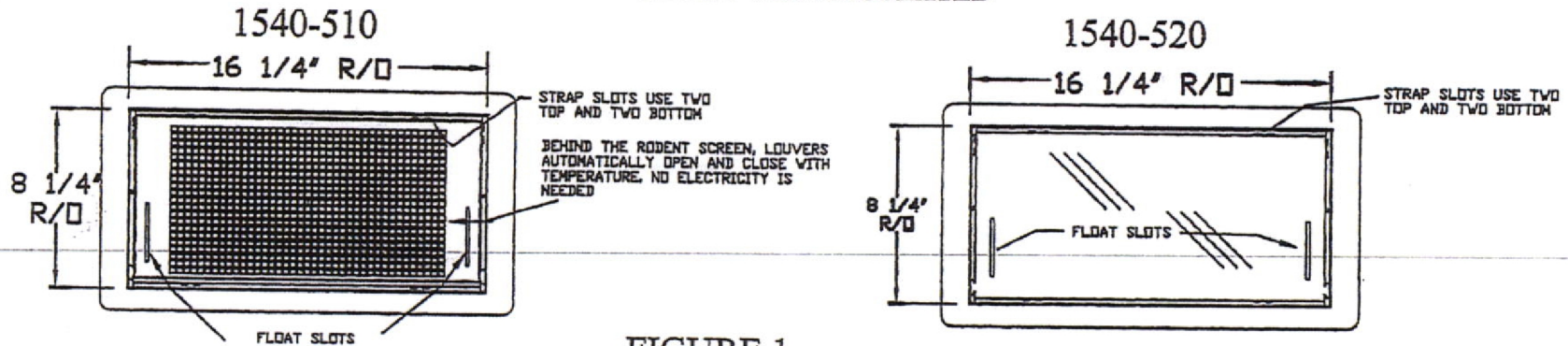


FIGURE 1

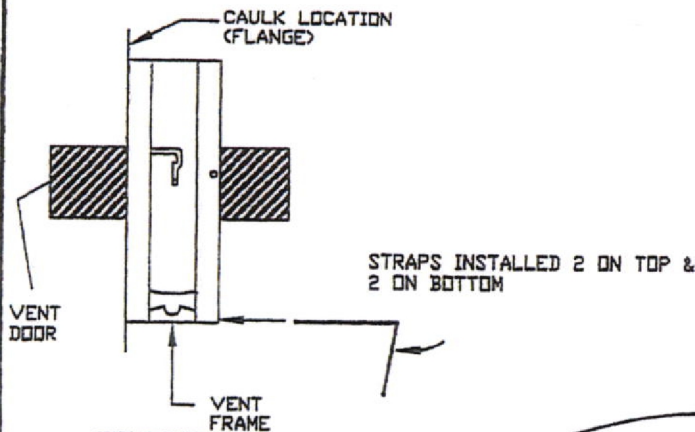
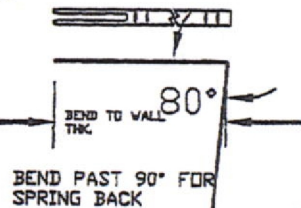


FIGURE 2

STRAP DETAIL.

TEETH MUST CLICK IN TIGHT TO INSURE
SECURE INSTALLATION.



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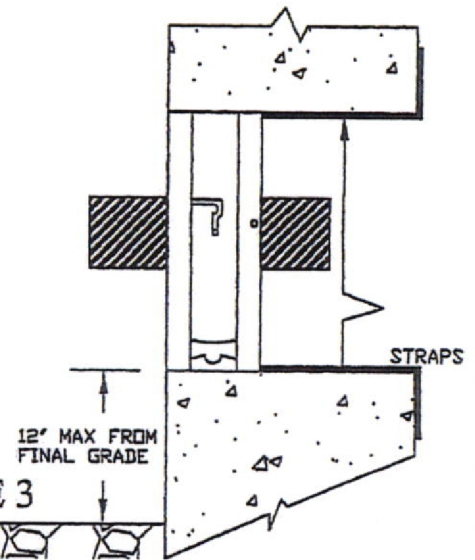

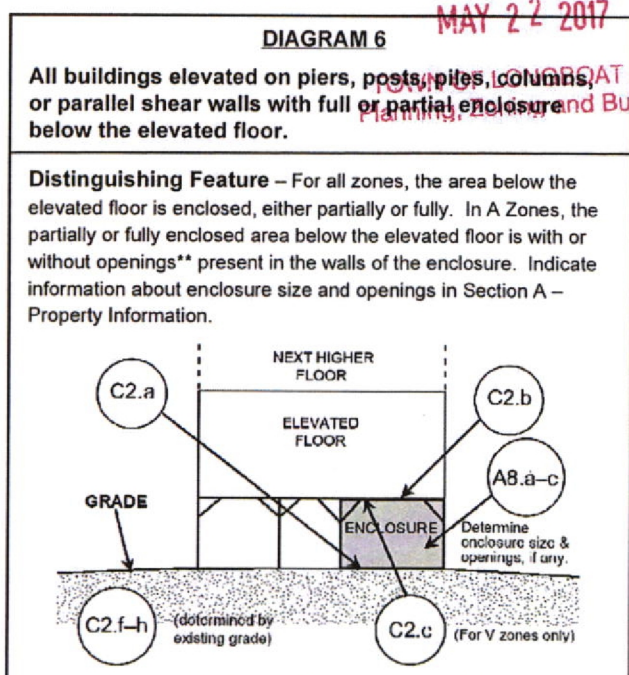
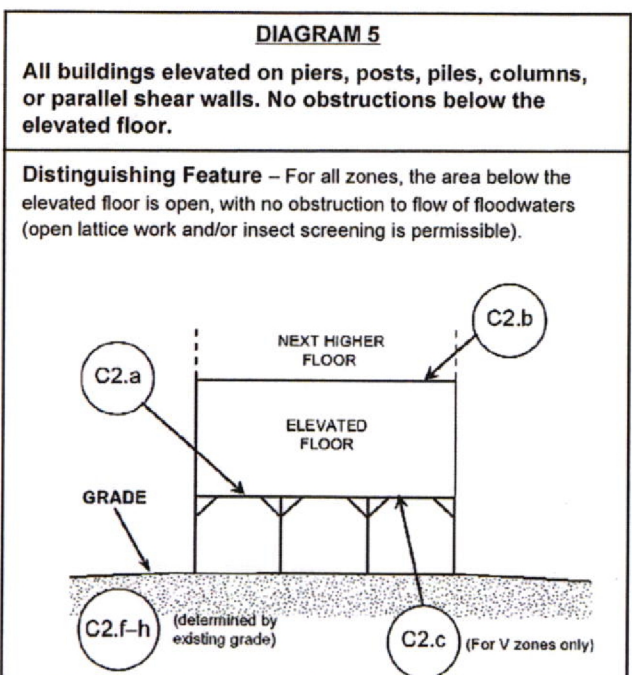
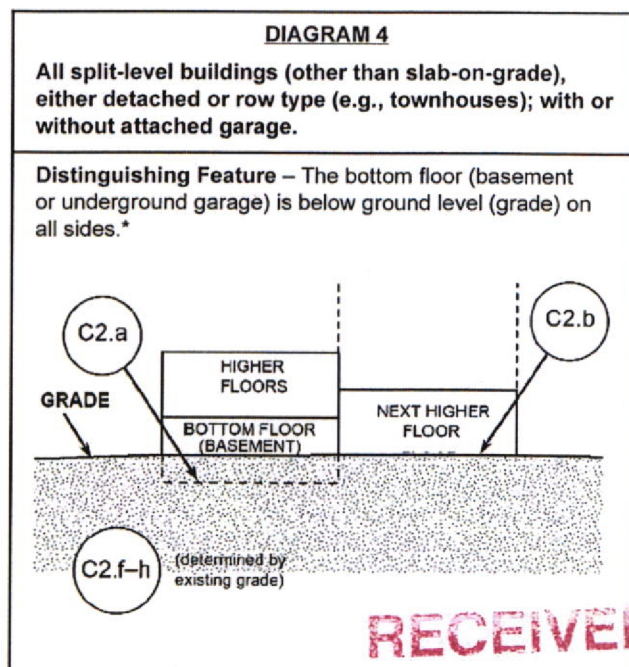
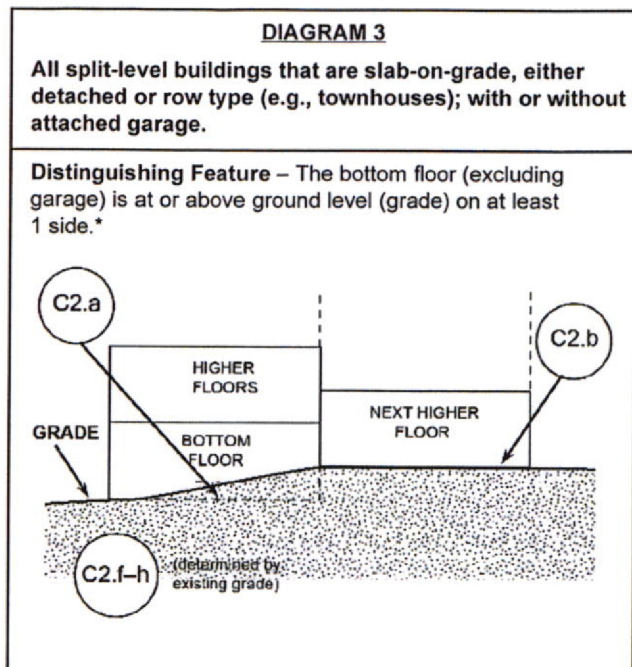


FIGURE 3

| | | |
|---|---|--|
| <small>TOLERANCES UNLESS OTHERWISE SPECIFIED XX +/-0.06 XXX +/-0.03 XXXX +/-0.005</small> |  Smart VENT 877-441 8368 WWW.SMARTVENT.COM | SMART VENT Foundation Flood Vents 450 AndBro Dr. Pitman NJ 08071 |
| | DUAL FUNCTION FLOOD AND VENTILATION VENT & FLOOD VENT INSULATED MODELS 1540-510 & 1540-520 | |
| <small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SMART VENT INC. ANY REPRODUCTION OR USE OF THIS INFORMATION WITHOUT THE WRITTEN PERMISSION OF SMARTVENT INC IS PROHIBITED.</small> | | SIZE A DWG NO. 1540-5XX DATE: 2-1-07 SHEET 1 OF 2 |

Building Diagrams



* 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.

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