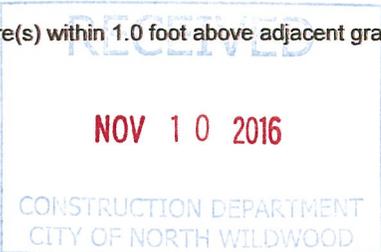


ELEVATION CERTIFICATE

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 Adal, LLC				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 105 E 5th Avenue				Company NAIC Number:	
City City of North Wildwood		State New Jersey		ZIP Code 08260	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 15 and Block 216					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>					
A5. Latitude/Longitude: Lat. <u>39°00'20.1"</u> Long. <u>74°47'45.8"</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>8</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) <u>1,082</u> sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>5</u>					
c) Total net area of flood openings in A8.b <u>1,315</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>300</u> sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>2</u>					
c) Total net area of flood openings in A9.b <u>526</u> sq in					
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 City of North Wildwood 345308			B2. County Name Cape May County		B3. State New Jersey
B4. Map/Panel Number 345308 0001	B5. Suffix E	B6. FIRM Index Date	B7. FIRM Panel Effective/ Revised Date 07/20/1998	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: <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 checked="" type="checkbox"/> NGVD 1929 <input 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					



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
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 105 E 5th Avenue			Policy Number:
City City of North Wildwood	State New Jersey	ZIP Code 08260	Company NAIC Number

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: NJTCM-Ref 0333 Vertical Datum: N.A.V.D 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) | 6.9 | <input checked="" type="checkbox"/> | feet | <input type="checkbox"/> | meters |
| b) Top of the next higher floor | 12.4 | <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) | 7.1 | <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) | 11.9 | <input checked="" type="checkbox"/> | feet | <input type="checkbox"/> | meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | 6.8 | <input checked="" type="checkbox"/> | feet | <input type="checkbox"/> | meters |
| g) Highest adjacent (finished) grade next to building (HAG) | 7.1 | <input checked="" type="checkbox"/> | feet | <input type="checkbox"/> | meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | 6.6 | <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 Stephen C. Martinelli	License Number 30089	Place Seal Here
Title Professional Land Surveyor		
Company Name Stephen C. Martinelli Land Surveying, LLC		
Address 1217 S.Shore Road Suite 106		
City Ocean View	State New Jersey	
Signature 	Date 08/18/2016	Telephone (609) 390-9618

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)
There are (5) USA Vents Model #FA-316 located in the foundation of the building. There are (2) USA Vents Model #FA-316 in the Garage.(See Attached). Lowest machinery is the A/C units located on a raised platform outside the Building.
The Conversion from NGVD 29' to NAVD 88' Datum is -1.3'. Preliminary Firm Map from FEMA Flood Zone (AE 9).
CK by:SCM(fjs)

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		
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 105 E 5th Avenue			Policy Number:		
City City of North Wildwood	State New Jersey	ZIP Code 08260	Company NAIC Number		
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	_____ . _____	<input type="checkbox"/> feet	<input type="checkbox"/> meters	<input type="checkbox"/> above or	<input type="checkbox"/> below the HAG.
b) Top of bottom floor (including basement, crawlspace, or enclosure) is	_____ . _____	<input type="checkbox"/> feet	<input type="checkbox"/> meters	<input type="checkbox"/> above or	<input type="checkbox"/> 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					
_____ . _____		<input type="checkbox"/> feet	<input type="checkbox"/> meters	<input type="checkbox"/> above or	<input type="checkbox"/> below the HAG.
E3. Attached garage (top of slab) is					
_____ . _____		<input type="checkbox"/> feet	<input type="checkbox"/> meters	<input type="checkbox"/> above or	<input type="checkbox"/> below the HAG.
E4. Top of platform of machinery and/or equipment servicing the building is					
_____ . _____		<input type="checkbox"/> feet	<input type="checkbox"/> meters	<input type="checkbox"/> above or	<input type="checkbox"/> 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? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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					
<input type="checkbox"/> Check here if attachments.					

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		
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 105 E 5th Avenue			Policy Number:		
City City of North Wildwood	State New Jersey	ZIP Code 08260	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. <input type="checkbox"/> 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. <input type="checkbox"/> 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. <input type="checkbox"/> 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: <input type="checkbox"/> New Construction <input type="checkbox"/> Substantial Improvement					
G8. Elevation of as-built lowest floor (including basement) of the building: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____					
G9. BFE or (in Zone AO) depth of flooding at the building site: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____					
G10. Community's design flood elevation: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____					
Local Official's Name			Title		
Community Name			Telephone		
Signature			Date		
Comments (including type of equipment and location, per C2(e), if applicable)					
<input type="checkbox"/> Check here if attachments.					

BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

See Instructions for Item A6.

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

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. 105 E 5th Avenue			Policy Number:
City City of North Wildwood	State New Jersey	ZIP Code 08260	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 View 8-15-15

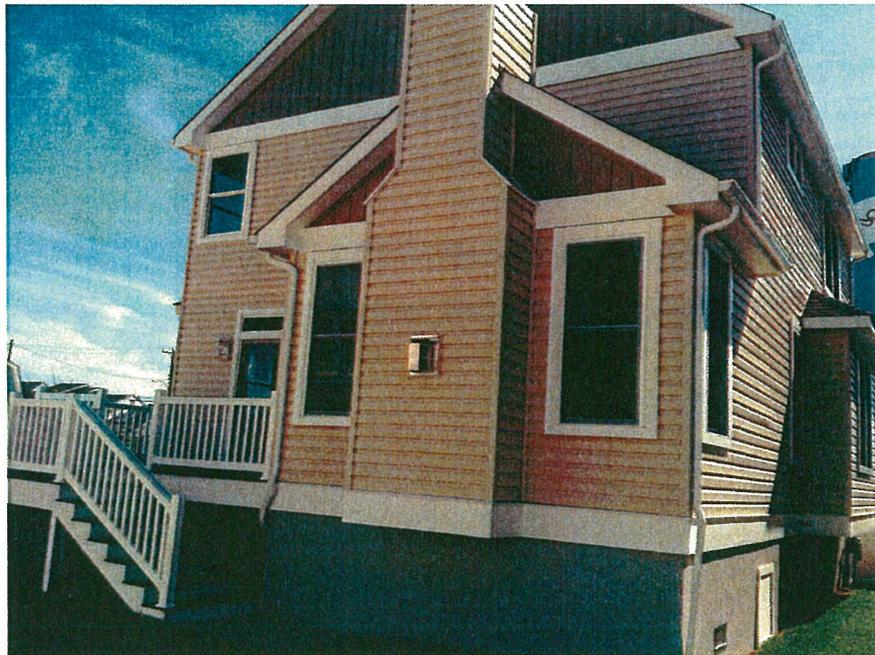


Photo Two

Photo Two Caption Rear View 8-15-15

BUILDING PHOTOGRAPHS

Continuation Page

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

ELEVATION CERTIFICATE

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. 105 E 5th Avenue			Policy Number:
City City of North Wildwood	State New Jersey	ZIP Code 08260	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 One

Photo One Caption A/C Units 8-15-16

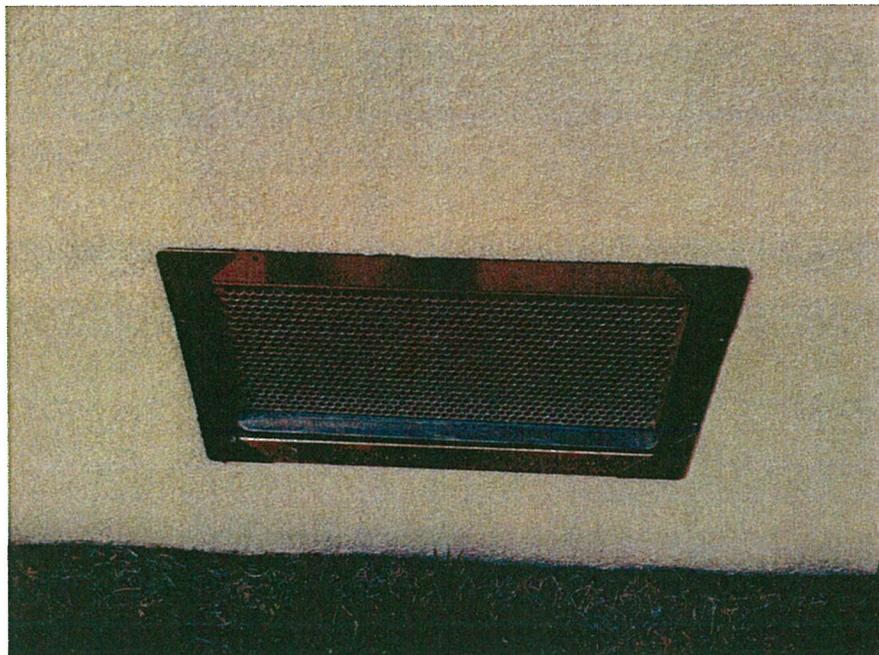


Photo Two

Photo Two Caption USA Vent 8-15-16

Building Diagrams

DIAGRAM 7

All buildings elevated on full-story foundation walls with a partially or fully enclosed area below the elevated floor. This includes walkout levels, where at least 1 side is at or above grade. The principal use of this building is located in the elevated floors of the building.

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.

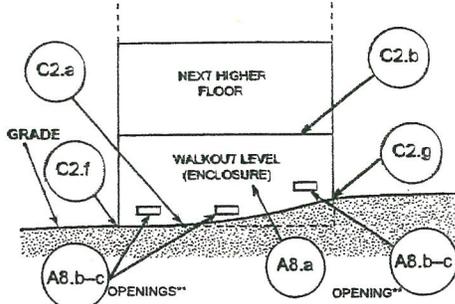


DIAGRAM 8

All buildings elevated on a crawlspace with the floor of the crawlspace at or above grade on at least 1 side, with or without an attached garage.

Distinguishing Feature – For all zones, the area below the first floor is enclosed by solid or partial perimeter walls. In all A zones, the crawlspace is with or without openings** present in the walls of the crawlspace. Indicate information about crawlspace size and openings in Section A – Property Information.

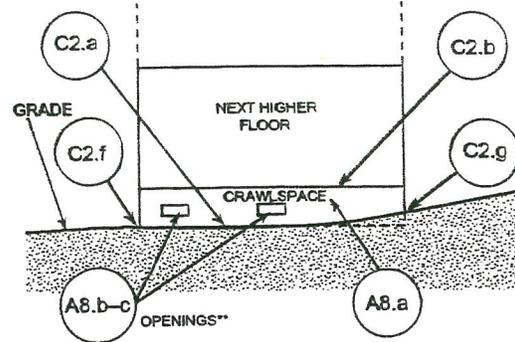
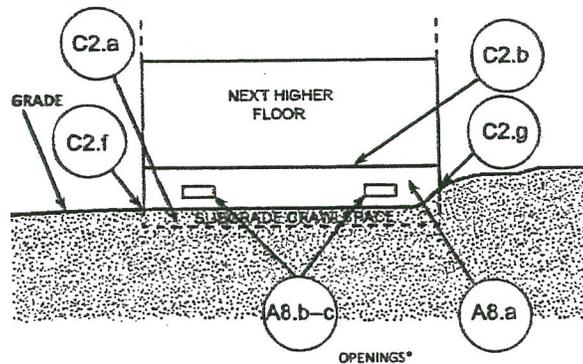


DIAGRAM 9

All buildings (other than split-level) elevated on a sub-grade crawlspace, with or without attached garage.

Distinguishing Feature – The bottom (crawlspace) floor is below ground level (grade) on all sides.* (If the distance from the crawlspace floor to the top of the next higher floor is more than 5 feet, or the crawlspace floor is more than 2 feet below the grade [LAG] on all sides, use Diagram 2A or 2B.)



* 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.



Certification of Engineered Flood Openings

In accordance with NFIP, FEMA Technical Bulletin 1-08 and ASCE/SEI 24-14

Certification Statement

I hereby certify that the flood vents manufactured by USA Foundation Flood Air Vents (Model No's FO-316, FA-316, FOAL, FAAL, RFPC and RFSS) are designed in accordance with the requirements of the 2011 NFIP "Flood Insurance Manual" to provide automatic equalization of hydrostatic flood loads on exterior walls by allowing the automatic entry and exit of floodwaters during floods up to and including the base 100-year flood. The flood vents must be installed and sized properly as set forth by the requirements below. This certification follows the design requirements and specifications that are established in FEMA Technical Bulletin 1-08 and ASCE/SEI 24-14.

Design Characteristics

I hereby certify that I have measured the flood vent models listed below. I have also calculated the maximum total enclosed area that can be served by each individual model based on the net area of the opening using the equation taken from ASCE/SEI 24-14, Section 2.6.2.2 and the following design assumptions listed below.

Design Assumptions:

- The rates of rise and fall have been assumed to be 5 feet per hour.
- The maximum difference between the exterior and interior floodwater levels have been assumed to be 1 foot during base flood conditions.
- A factor of safety of 5 has been used in the design.

Area of Engineered Openings per ASCE 24, Section 2.6.2.2

$$A_o = (0.0333)[1/c]R(A_e) \rightarrow A_e = A_o / [(0.0333)[1/c]R]$$

Where:

- A_o = Total Net Area of Openings Required (in²)
- 0.0333 = Coefficient Corresponding to a Factor of Safety of 5.0 (in²·hr/ft³)
- c = Opening Coefficient (Non-Dimensional; see ASCE 24, Table 2-2)
- R = Worst Case Rate of Rise and Fall (ft/hr)
- A_e = Total Enclosed Area (ft²)

Maximum Area Coverage in Square Feet per Vent for each Model

Model	Height (in.)	Width (in.)	A_o (in. ²)	Constant (in ² ·hr/ft ³)	c	R (ft/hr)	A_e^* (ft ²)
FO-316	7.00	15.50	108.50	0.0330	0.400	5	263
FA-316	7.00	15.50	108.50	0.0330	0.400	5	263
FOAL-W	7.00	15.50	108.50	0.0330	0.400	5	263
FOAL-B	7.00	15.50	108.50	0.0330	0.400	5	263
FOAL-G	7.00	15.50	108.50	0.0330	0.400	5	263
FAAL-W	7.00	15.50	108.50	0.0330	0.400	5	263
FAAL-B	7.00	15.50	108.50	0.0330	0.400	5	263
FAAL-G	7.00	15.50	108.50	0.0330	0.400	5	263
RFPC	7.00	13.75	96.25	0.0330	0.398	5	232
RFSS	7.00	13.75	96.25	0.0330	0.398	5	232

*Note: (A_e) is the maximum total enclosed area that can be served for each individual model based on the net area of the opening (A_o)

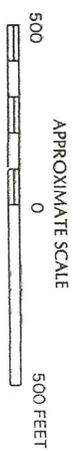
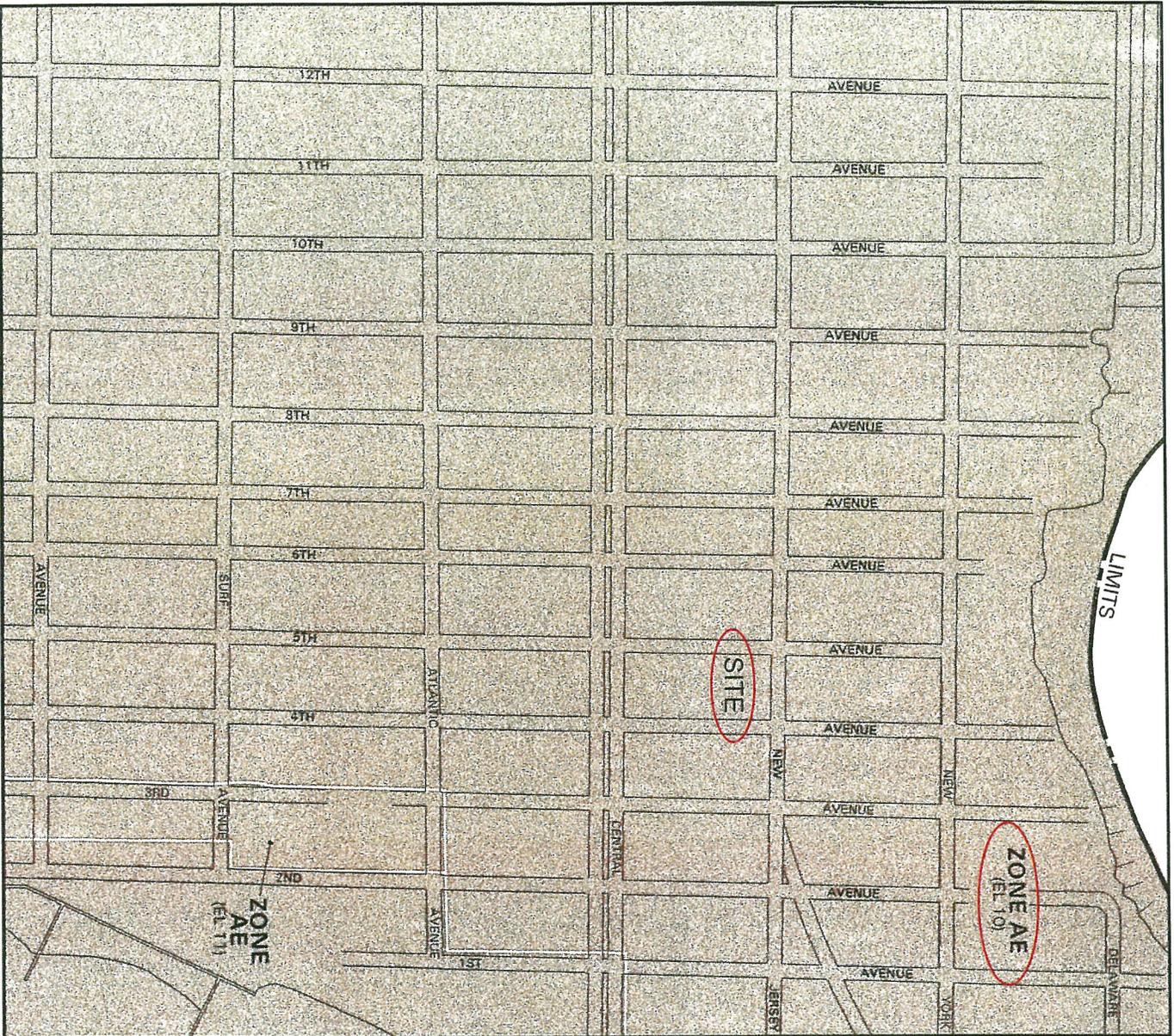
Limitations and Installation Requirements

This certification will be voided in its entirety if the following installation requirements and limitations are not enforced. USA Foundation Flood Air Vents and Conn Engineering Consultants, Inc. do not recommend or authorize any modifications to the flood vents and will not be held liable for improper installation or modification of the flood vents.

FEMA/ NFIP Limitations and Installation Requirements:

- A minimum of two openings having a total net area of not less than one square inch for every square foot of enclosed area subject to flooding shall be provided.
- The bottom of all openings shall be no higher than one foot above grade that is immediately under each opening.
- Openings may be equipped with screens, louvers, valves or other coverings or devices provided that they permit the automatic entry and exit of floodwaters.
- It is recommended that openings be reasonably distributed around the perimeter of the enclosed area unless there is clear justification for putting all openings on just one or two sides (such as in townhouses or buildings set into sloping sites).
- Where analysis indicates rates of rise and fall greater than 5 feet per hour, the total enclosed area shall be reduced accordingly.

Design Professional		Professional Engineering Seal
Name / Title:	Jason M. Conn, P.E. President, Conn Engineering Consultants, Inc.	
Address:	107 N. Bridge St., Linden, MI 48451	
License Type:	Professional Engineer	
State:	New Jersey	
License Number:	24GE04573000	
Installation Address		
Customer and Installation Address:		
105 5th Avenue North Wildwood, NJ 08260		
Model Installed		
Model Number:	FA-316	
Maximum total enclosed area that can be served for EACH individual vent:	263 Square Feet	



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
NORTH WILDWOOD,
NEW JERSEY
CAPE MAY COUNTY

ONLY PANEL PRINTED

NOTE:

THIS MAP INCORPORATES APPROXIMATE BOUNDARIES OF COASTAL BARRIER RESOURCES SYSTEM UNITS AND/OR OTHERWISE PROTECTED AREAS ESTABLISHED UNDER THE FEDERAL BARRIER IMPROVEMENT ACT OF 1980 (P. L. 101-591)

COMMUNITY PANEL NUMBER
345308 0001 E
MAP REVISED:
JULY 20, 1998



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0243F

FIRM**FLOOD INSURANCE RATE MAP**

**CAPE MAY COUNTY,
NEW JERSEY**
(ALL JURISDICTIONS)

PANEL 243 OF 311

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
MIDDLE, TOWNSHIP OF	340154	0243	F
NORTH WILDWOOD, CITY OF	345308	0243	F
STONE HARBOR, BOROUGH OF	345323	0243	F

- NOTE -

THIS MAP INCLUDES BOUNDARIES OF THE COASTAL BARRIER RESOURCES SYSTEM ESTABLISHED UNDER THE COASTAL BARRIER RESOURCES ACT OF 1982 AND/OR SUBSEQUENT ENABLING LEGISLATION.

**REVISED PRELIMINARY
JANUARY 30, 2015**

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

**MAP NUMBER****34009C0243F****EFFECTIVE DATE****Federal Emergency Management Agency**