

Merestone Consultants, Inc.

19633 Blue Bird Lane

Suite 9

Rehoboth Beach, DE 19971

(302) 226-5880 Fax (302) 226-5883

LETTER OF TRANSMITTAL

DATE: 5 AUGUST 2015

JOB NO. 23310N

ATTENTION: MS ANGIE TUNNELL

RE: 23247 HOLLYVILLE ROAD

PARCEL ID #: 2-34-10.00-13.01

TO: MS ANGIE TUNNELL

23247 HOLLYVILLE ROAD

HARBESON, DE 19951

I AM SENDING YOU:☐ SHOP DRAWINGS☐ COPY OF LETTER☒ ATTACHED☐ PRINTS☐ CHANGE ORDERS☐ DEED☐ PLANS☐ INVOICE☐ SAMPLES☐ OTHER _____☐ CHECKLIST☐ SPECIFICATIONS

COPY	DATE	NO.	DESCRIPTION
2	8/4/15		Elevation Certificate

THESE ARE TRANSMITTED AS CHECKED BELOW:☐ FOR APPROVAL☒ FOR YOUR USE☐ AS REQUESTED☐ FOR REVIEW & COMMENT☐ APPROVED AS SUBMITTED☐ APPROVED AS NOTED☐ RETURNED FOR CORRECTIONS☐ RESUBMIT FOR APPROVAL

<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____
<input type="checkbox"/>	_____

FOR BIDS DUE: _____ 20_____

PLEASE NOTE THE FOLLOWING:☐ DEED ERRORS☐ ENCROACHMENT INTO EASEMENT☐ DRIVEWAY ENCROACHMENT☐ FENCE ENCROACHMENT☐ SETBACK VIOLATIONS☐ STREET DEDICATION☐ STREET NAME CHANGES☐ OTHER _____

REMARKS: _____

COPY TO: file _____

SIGNED: Bob Nash, P.L.S. / mad _____

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1680-0008
Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name Angela Tunnell

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.
23247 Hollyville Road

Company NAIC Number:

City Harbeson

State DE

ZIP Code 19951

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Tax Map #2-34-10.00-13.01

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

A5. Latitude/Longitude: Lat. 38°40'13.42"N Long. 75°14'44.78"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 2

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

a) Square footage of crawlspace or enclosure(s) 1512 sq ft

b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 14

c) Total net area of flood openings in A8.b 1064 sq in

d) Engineered flood openings? ☒ Yes ☐ No

A9. For a building with an attached garage:

a) Square footage of attached garage _____ sq ft

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

c) Total net area of flood openings in A9.b _____ sq in

d) Engineered flood openings? ☐ Yes ☐ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number
Sussex County 100029

B2. County Name
Sussex

B3. State
Delaware

B4. Map/Panel Number
10005C0340

B5. Suffix
K

B6. FIRM Index Date
3/16/2015

B7. FIRM Panel Effective/Revised Date
3/16/2015

B8. Flood Zone(s)
A

B9. Base Flood Elevation(s) (Zone AO, use base flood depth) undefined

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)?
Designation Date: _____

☐ CBRS

☐ OPA

☐ Yes ☐ No

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: NGS CORS DEMI PID DK7741V

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)

29.1

☒ feet ☐ meters

b) Top of the next higher floor

32.5

☒ feet ☐ meters

c) Bottom of the lowest horizontal structural member (V Zones only)

☐ feet ☐ meters

d) Attached garage (top of slab)

☐ feet ☐ meters

e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)

32.6

☒ feet ☐ meters

f) Lowest adjacent (finished) grade next to building (LAG)

29.4

☒ feet ☐ meters

g) Highest adjacent (finished) grade next to building (HAG)

29.9

☒ feet ☐ meters

h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support

28.8

☒ 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.

☒ Check here if attachments.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

Certifier's Name ROBERT W. NASH

License Number PLS 551

Title PROF. SURVEYOR

Company Name Mereslone Consultants, Inc.

Address 19633 Blue Bird Lane

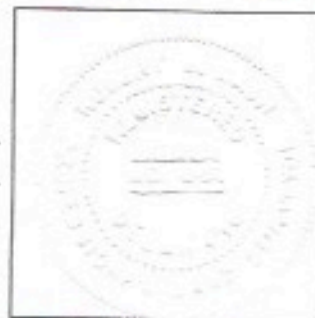
City Rehoboth Beach

State DE ZIP Code 19971

Signature [Signature]

Date 8/4/2015

Telephone 302-422-7327



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. 23247 Hollyville Road		Policy Number:
City Harbeson	State DE ZIP Code 19951	Company NAIC Number:

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

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

Comments C2.e: Lowest Mechanical Equipment is HVAC; Vents are Smart Vent Model 1540-510 (see attachment)



Signature

Date 8/4/2015

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 0.8 ☒ feet ☐ meters ☐ above or ☒ below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is 0.3 ☒ feet ☐ meters ☐ above or ☒ below the LAG.
- E2. For Building Diagrams 8–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is 2.7 ☒ feet ☐ meters ☒ above or ☐ below the HAG.
- E3. Attached garage (top of slab) is N.A. ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is 2.7 ☐ 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's or Owner's Authorized Representative's Name Robert Nash

Address 19633 Blue Bird Lane

City Rehoboth Beach

State DE

ZIP Code 19971

Signature

Date 8/4/15

Telephone 302-422-7327

Comments

☒ Check here if attachments.**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
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G7. This permit has been issued for: ☐ New Construction ☐ Substantial ImprovementG8. 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

☐ Check here if attachments.

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.
23247 Hollyville Road

City Harbeson

State DE

ZIP Code 19951

FOR INSURANCE COMPANY USE

Policy Number:

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 (photo taken 7/16/2015)



Left View (photo taken 7/15/2015)

Building Photographs

Continuation Page

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.
23247 Hollyville Road

City Harbeson

State DE

ZIP Code 19951

FOR INSURANCE COMPANY USE

Policy Number:

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.

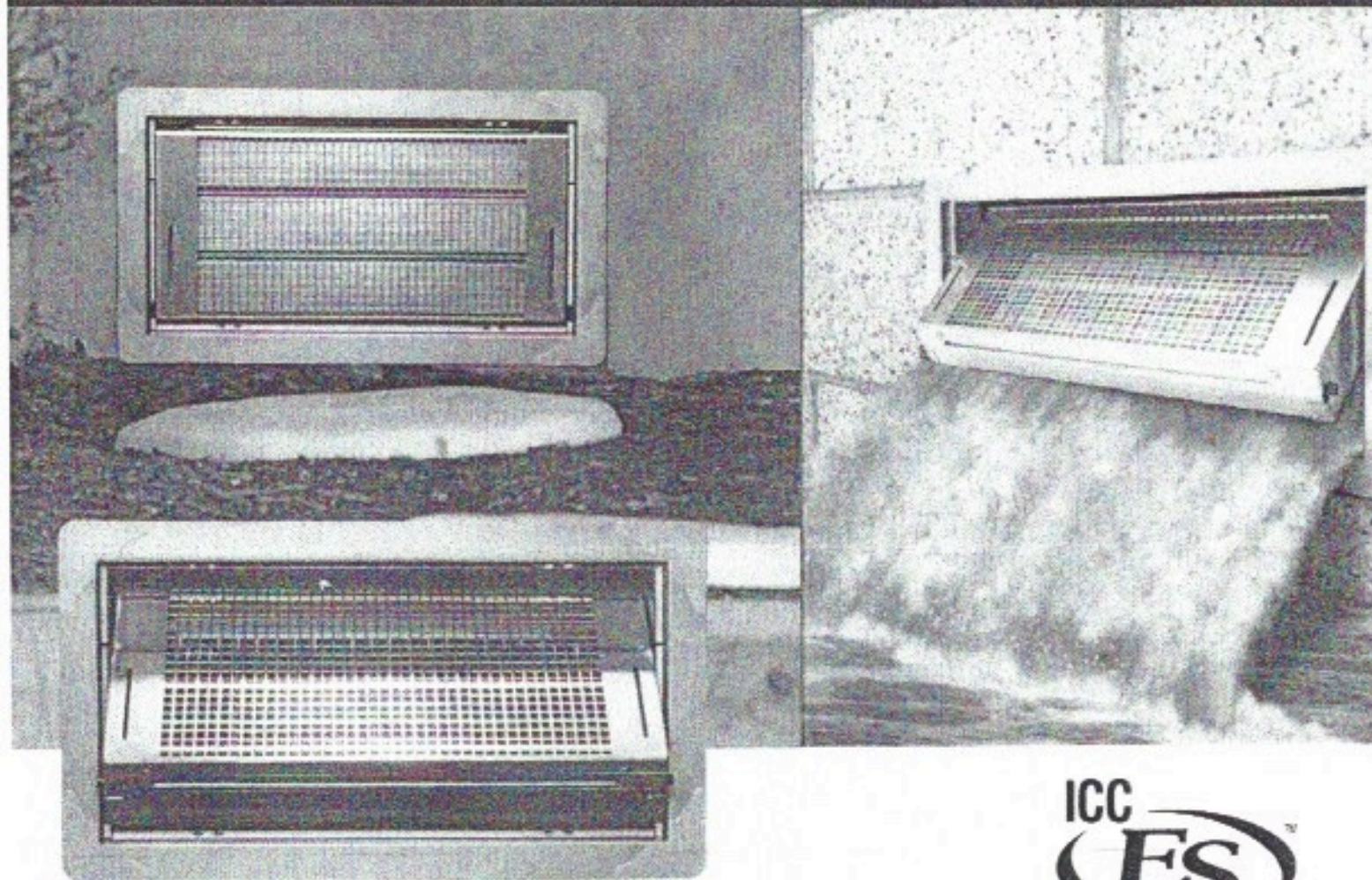


Rear View (photo taken 7/16/2015)



Right View (photo taken 7/16/2015)

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

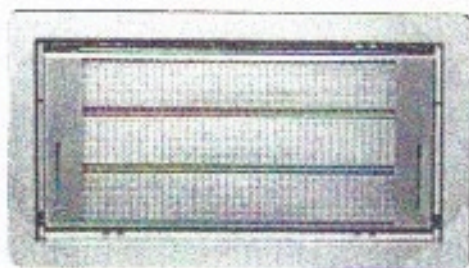
One 16" x 8" vent is certified to cover 200 square feet of enclosed area for flood protection and 51 square inches for ventilation

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 • 877-441-8368



Model #: 1540-510

Installation Type: Masonry Wall

Style: louvered

Dimensions: 16" x 8"

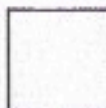
Rough Opening: 16¼" x 8¼" (one block, or CMU)

Finish: Stainless Steel (Standard)

Available Powder Coat Colors For Special Order:



White



Wheat



Gray



Black



Stainless (standard)

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



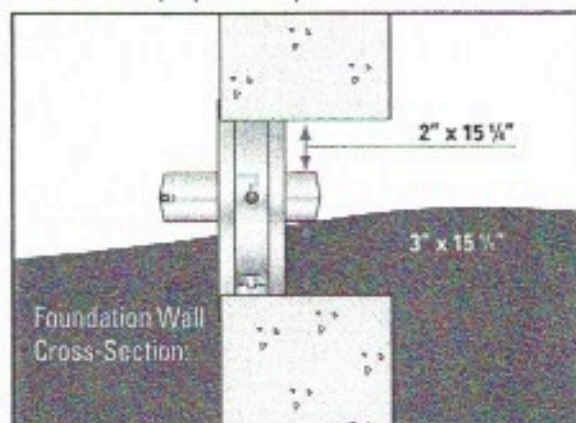
Rapidly rising floodwater can put extreme pressure on the foundation walls causing improperly vented structures to buckle and collapse. SMART VENTS® quickly and efficiently equalize the pressure and minimize damage.

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.

NOTE: An Extract Personal User ID Card must be obtained from the District Personal User ID Card Office before a user can be assigned to a specific system. The user must first be in a valid contract with the District Personal User ID Card Office. If the personal users of a system are to be developed as a subproject, the user ID card must be sent to have access from the system. The user ID card must be sent to the District Office to be sent to the user ID card office. The user ID card must be sent to the District Office to be sent to the user ID card office.

[illegible]

LEGEND:

- IRON PIPE FOUND
- ⊗ CAPPED REBAR SET

— BSL — BUILDING RESTRICTION LINE

FRONT YARD SETBACK.....40'
 SIDE YARD SETBACK.....20' EAST SIDE, 15' WEST SIDE
 REAR YARD SETBACK.....20'
 REAR PORCH FRONTAGE.....56.89'
 REAR PORCH AREA.....3,787.7
 REAR PORCH CLASSIFICATION.....LOCAL

LOT LIES IN PLANNED PLAN A (NO BASE ELEVATIONS OF TERRAIN)
 AS DERIVED ON COMMUNITY PANEL NUMBER 1000503040 F.
 DATED 16 JUNE 1993

(TOTAL) 536.36'
518.36' (FIP TO FIP)

Lands of:

INDIAN RIVER HUNDRED	DATE: 10 NOV 2003
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N.Y. MARLTH JACKET & WAFFLED CARRY JACKSONSON

FEB 19 2003

Tax Map - 2-34-10-13
Permit # - 190977-5
Date 2-13-03

By: 8.11.19 Date: 2-20-03

