

**Important:** Follow the instructions on pages 1-9.

## CONSTRUCTION OF WIDE

Form Page 1 of 6

# ELEVATION CERTIFICATE

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

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>	
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 9315 Sunset Drive			Policy Number:	
City Borough of Stone Harbor	State New Jersey	ZIP Code 08247	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)	<u>4.20</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters	
b) Top of the next higher floor	<u>13.10</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters	
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A</u>	<input type="checkbox"/> feet	<input type="checkbox"/> meters	
d) Attached garage (top of slab)	<u>N/A</u>	<input 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)	<u>11.40</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters	
f) Lowest adjacent (finished) grade next to building (LAG)	<u>4.10</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters	
g) Highest adjacent (finished) grade next to building (HAG)	<u>7.90</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters	
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>4.10</u>	<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 The Martinelli Group LLC			
Address 1217 S.Shore Road Suite 106			
City Ocean View	State New Jersey		ZIP Code 08230
Signature 	Date 12-31-2019	Telephone (609) 390-9618	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)  
 The enclosure is constructed with Azek Louver break-a-way wall system.(See Photo). Per Construction drawings by Asher Slaunwhite Architects, LLC dated 12/30/2018. Site is located in a Limit of Moderate Wave Action Zone.  
 Lowest machinery is the A/C unit located on a raised platform outside the Building.  
 CK by:SCM(fjs)

**ELEVATION CERTIFICATE**OMB No. 1660-0008  
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Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 9315 Sunset Drive			Policy Number:	
City Borough of Stone Harbor	State New Jersey	ZIP Code 08247	Company NAIC Number	
<b>SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)</b>				
<p>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.</p> <p>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).</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>				
<b>SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION</b>				
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

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 9315 Sunset Drive			Policy Number:
City Borough of Stone Harbor	State New Jersey	ZIP Code 08247	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 <u>19-13164</u>	G5. Date Permit Issued <u>2/4/19</u>	G6. Date Certificate of Compliance/Occupancy Issued <u>1/27/2020</u>
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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: 13.10 ☒ feet ☐ meters Datum NAVD 1988
- G9. BFE or (in Zone AO) depth of flooding at the building site: 9.0 ☒ feet ☐ meters Datum NAVD 1988
- G10. Community's design flood elevation: 11.0 ☒ feet ☐ meters Datum NAVD 1988

Local Official's Name <u>MICHAEL KOCHENSEE</u>	Title <u>CONSTRUCTION OFFICIAL</u>
Community Name <u>BOROUGH OF STONE HARBOR</u>	Telephone <u>609.368.6814</u>
Signature 	Date <u>1/29/2020</u>

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

☐ Check here if attachments.

**ELEVATION CERTIFICATE****BUILDING PHOTOGRAPHS**

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2018

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9315 Sunset Drive

Policy Number:

City  
Borough of Stone HarborState  
New JerseyZIP Code  
08247

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 12-30-19

Clear Photo One

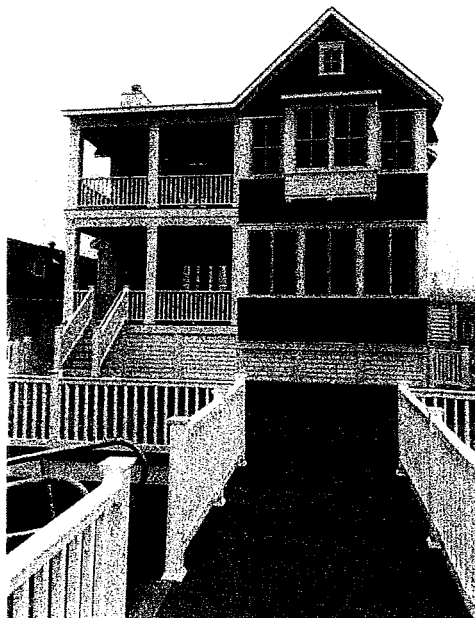


Photo Two

Photo Two Caption Rear View 12-30-19

Clear Photo Two

# ELEVATION CERTIFICATE

## BUILDING PHOTOGRAPHS

Continuation Page

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

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City Borough of Stone Harbor	State New Jersey	ZIP Code 08247	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.

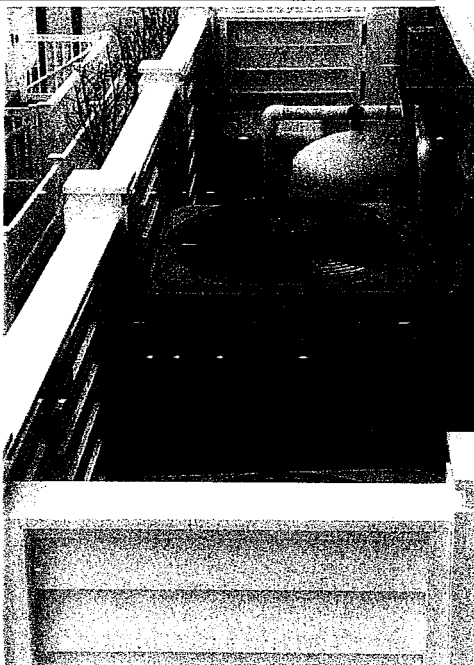


Photo Three

Photo Three Caption A/C Unit 12-30-19

Clear Photo Three

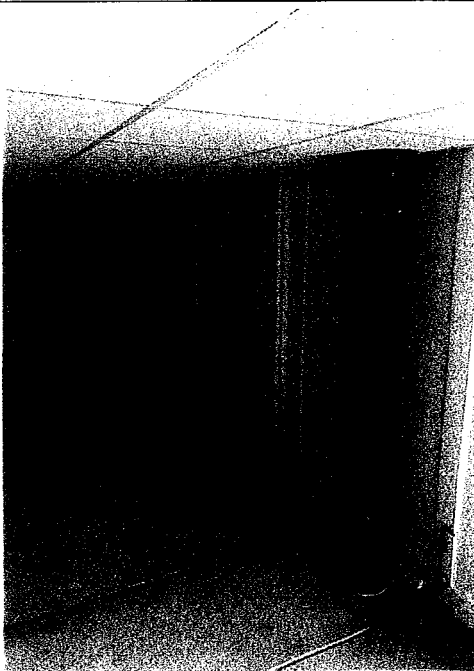


Photo Four

Photo Four Caption Azek Louver break-a-way wall system 12-30-19

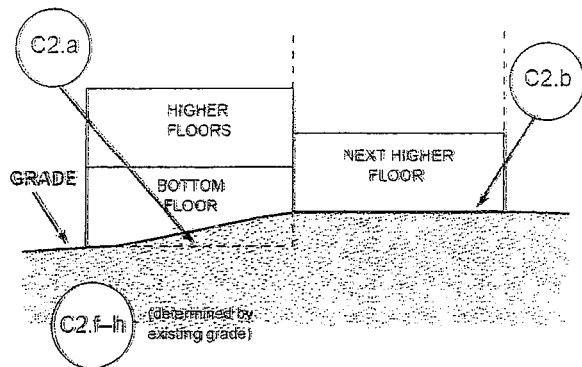
Clear Photo Four

## 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.

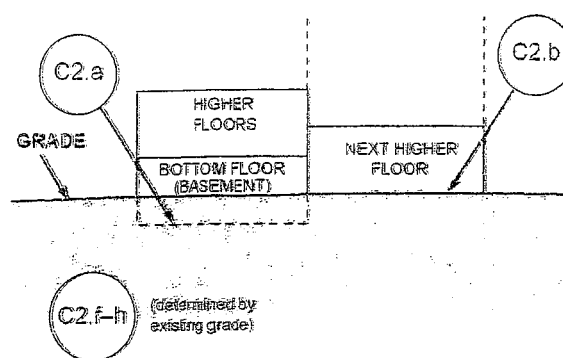
**Distinguishing Feature** – The bottom floor (excluding garage) is at or above ground level (grade) on at least 1 side.\*



**DIAGRAM 4**

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

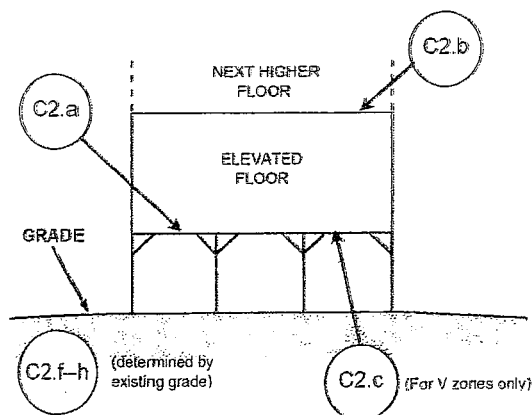
**Distinguishing Feature** – The bottom floor (basement or underground garage) is below ground level (grade) on all sides.\*



**DIAGRAM 5**

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

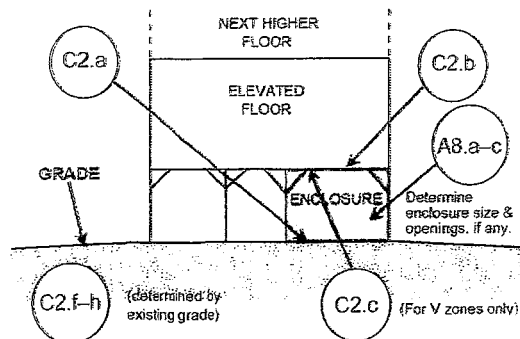
**Distinguishing Feature** – For all zones, the area below the elevated floor is open, with no obstruction to flow of floodwaters (open lattice work and/or insect screening is permissible).



**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.

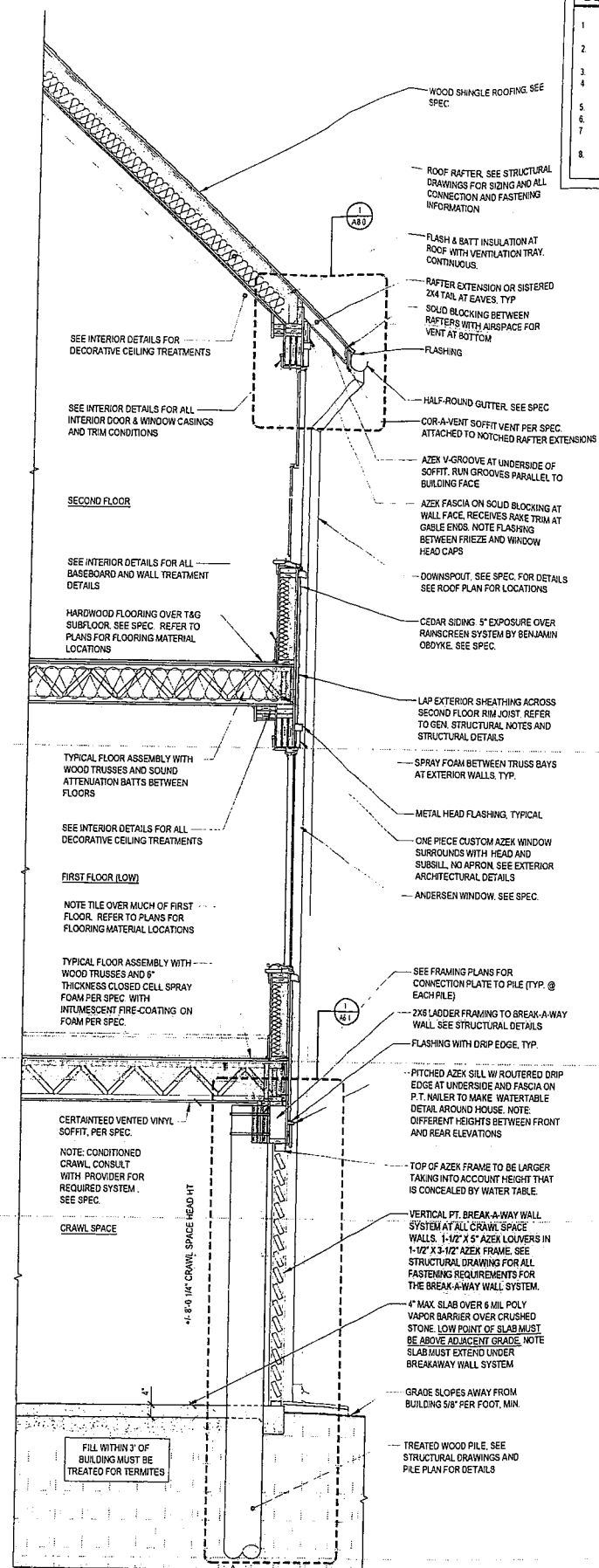
\*\* An "opening" is a permanent opening that allows for the free passage of water automatically in both directions without human intervention. Under the NFIP, a minimum of 2 openings is required for enclosures or crawlspaces. The openings shall provide a total net area of not less than 1 square inch 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.



31'-0" MAXIMUM BUILDING HEIGHT (PEAKED ROOF) IN COASTAL A ZONE

30'-7 1/2" PROPOSED BUILDING HEIGHT

- MAX BUILDING HEIGHT (PEAKED) +42.9 (NAVD 1988)
- PROPOSED RIDGE HEIGHT
- T.O. PLATE
- WINDOW HEADS (UNIT HEIGHT)
- 7'-11 1/2" UNIT HT. (SEE HD. HT. DIAGRAMS)
- 9'-1 1/8"
- 7'-11 1/2" UNIT HT. (SEE HD. HT. DIAGRAMS)
- SECOND FLOOR SUBFLOOR
- T.O. PLATE
- WINDOW HEADS (UNIT HEIGHT)
- 7'-11 1/2" UNIT HT. (SEE HD. HT. DIAGRAMS)
- 9'-4 3/4" (16R @ ±2.52' EA.)
- 7'-11 1/2" UNIT HT. (SEE HD. HT. DIAGRAMS)
- FIRST FLOOR SUBFLOOR (raised at front) +14.33
- FIRST FLOOR SUBFLOOR (low) +13.18
- T.O. BLOCK +13.16
- D.F.E. +11.0 (NAVD 1988) (BOTTOM OF LOWEST HOR. STRUT MEMBER)
- B.F.E. +9.9 (NAVD 1988)
- NEW BULKHEAD/T.O. RAISED POOL DECK +8.9 (NAVD 1988)
- AVG. GRADE +3.88 (NAVD 1988)
- T.O. FOOTING 45 (NAVD 1988)
- B.O. FOOTING 25 (NAVD 1988)
- SEA LEVEL +0.00 (NAVD 1988)



- ### GENERAL WALL SECTION NOT
1. Provide fastening around all pipes, electrical wires, etc. and fit and vertical spaces, etc. Provide horizontal solid blocking at mid height.
  2. Roof pitches shown are approximate. Contractor to adjust pitch.
  3. Provide ice and water shield at all roof areas with slopes less than 3:12.
  4. Fiberglass decking to be 3 coat application with color coat over, glued and screwed. Slope min. 1/4" per ft.
  5. See structural details for all high wind details.
  6. Contractor may substitute 'Zip' wall system for exterior wall shea. Dirts located below D.F.E. must be water tight and anchored for a.e.
  7. Please refer to the Cover Sheet & Specifications Page (C-1.0) additional notes.

1 TYP. WALL SECTION (LOW)  
SCALE: 1/2" = 1'-0"

2 TYP. WALL :  
SCALE: 1/2" = 1'-0"



MUSKOGEE  
Middle  
340154

ZONEAE  
(EL.10)

Borough of  
Stone Harbor  
345323

ZONEAE  
(EL.9)

(EL.10)

SITE

Slugg  
Harbor  
ZONEAE  
(EL.10)

JU0446

JU0445

AH9180

JU0447

ZONEAE  
(EL.9)

ZONEAE  
(EL.10)

Slater  
Harbor

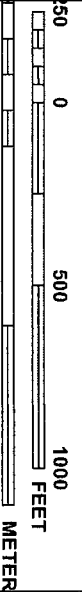
JU0448

AH9183

ZONEAE  
(DEPTH)



MAP SCALE 1" = 500'



NFIP

PANEL 0242F

**FIRM**

FLOOD INSURANCE RATE MAP  
CAPE MAY COUNTY,  
NEW JERSEY  
(ALL JURISDICTIONS)

PANEL 242 OF 311

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
STONE TOWNSHIP OF	340154	0242	F
STONE HARBOR BOROUGH OF	345323	0242	F

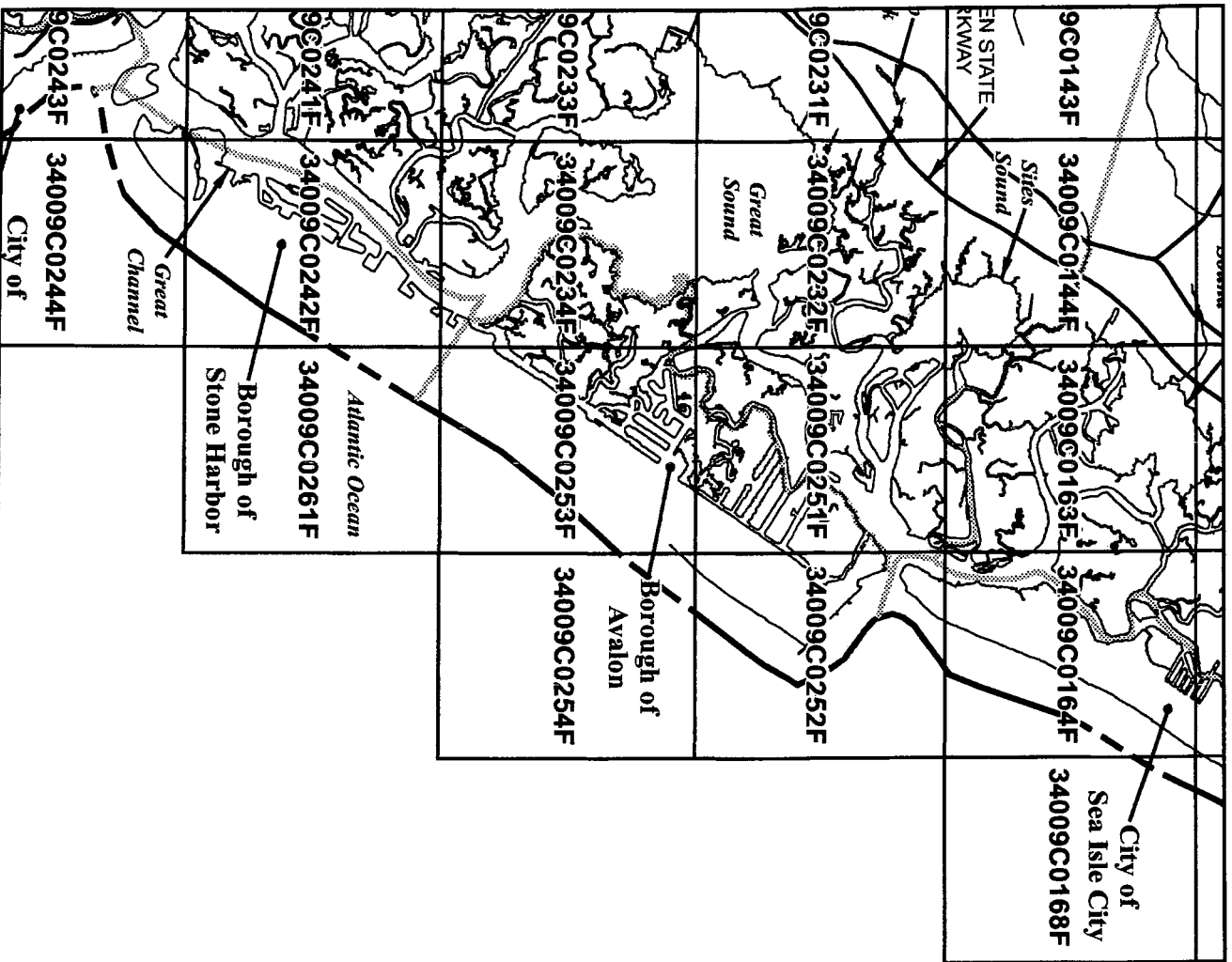
NOTE:  
THIS MAP INCLUDES BOUNDARIES OF THE COASTAL BARRIER  
RESOURCES SYSTEM ESTABLISHED UNDER THE COASTAL  
EMERGENCY ASSISTANCE ACT OF 1982 AND/OR SUBSEQUENT  
LEGISLATION.  
Notes to User: The Map Number shown below should be  
used when placing map orders; the Community Number  
shown above should be used on insurance applications for the  
subject community.



MAP NUMBER  
34009C0242F  
EFFECTIVE DATE  
OCTOBER 5, 2017

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.fema.gov](http://www.fema.gov)



**NFIP**

MAP INDEX

**FIRM**  
FLOOD INSURANCE RATE MAP  
CAPE MAY COUNTY,  
NEW JERSEY  
(ALL JURISDICTIONS)

## MAP INDEX

**PANELS PRINTED:** 29 37 41 42 43 44  
61 62 63 64 66 67 68 69 86 87 88 89 91 93  
106 107 108 109 116 117 119 127 128 129 131  
132 133 134 136 137 138 139 141 142 143 144  
151 152 153 154 156 157 158 159 161 162 163  
164 166 168 176 207 208 209 216 217 218 219  
226 227 228 229 231 232 233 234 236 237 238  
239 241 242 243 244 251 252 253 254 261 278  
279 283 284 286 287 291 292 301 302 303 304  
306 311



**MAP NUMBER**  
34009CIND0A  
**EFFECTIVE DATE**  
OCTOBER 5, 2017  
**Federal Emergency Management Agency**

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