



# Township of Ocean

50 RAILROAD AVENUE  
WARETOWN, NJ 08758

PHONE: (609) 693-3487  
FAX: (609) 693-0478

## Memo of Review for Accuracy and Completion

The attached FEMA Elevation Certification has been reviewed by this office. The items noted below are not correct on the attached form and should read as entered on this page.

### SECTION A - PROPERTY INFORMATION

- |                      |
|----------------------|
| FOR INSURANCE CO USE |
| Policy#              |
| Co. NAIC#            |
1. Building Owner's Name: Mangan
  2. Building Street Address: 51 Hornblower  
City: Waretown State NJ Zip code 08758
  3. Property Description: Block and Lot, Tax Parcel# or legal description: Block 148 Lot 19 Township of Ocean
  4. Building Use (Residential, Non-Residential, Addition, Accessory, etc.): Residential
  5. Latitude/Longitude: Lat. \_\_\_\_\_ Long. \_\_\_\_\_ Horizontal Datum: NAD 1927  1983
  6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.
  7. Building Diagram# \_\_\_\_\_
  8. For a building with a crawlspace or enclosure:
 

<ol style="list-style-type: none"> <li>a. Square footage of crawlspace or enclosure _____ sq.ft</li> <li>b. # of permanent flood openings in the crawlspace or enclosure(s) within 1.0 ft above adjacent grade _____</li> <li>c. Total net area of flood openings in AS.b _____ sq.in.</li> <li>d. Engineered Flood Openings? YES ___ No ___</li> </ol>	<p>For a building with an attached garage:</p> <ol style="list-style-type: none"> <li>a. Square foot of attached garage _____ sq.ft</li> <li>b. # of permanent flood openings in the crawlspace or enclosure(s) within 1.0 ft above adjacent grade _____</li> <li>c. Total net area of flood openings in AS.b _____ sq.in.</li> <li>d. Engineered Flood Openings? YES ___ No ___</li> </ol>
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### SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

1. NFIP COMMUNITY NAME & COMMUNITY # Township of Ocean / 340518
2. COUNTY NAME: \_\_\_\_\_ 3. STATE: \_\_\_\_\_
4. Map/Panel# \_\_\_\_\_ 5. Suffix \_\_\_\_\_ 6. Firm Index Date \_\_\_\_\_
7. FIRM Panel Effective/Revised Date \_\_\_\_\_ 8. Flood Zone(s) \_\_\_\_\_
9. BFE - Base Flood Elevation(s) (Zone AO, use base flood depth) \_\_\_\_\_
10. Check the source of the Base Flood Foundation (BFE) data or base flood depth entered in item #9:  
FIS Profile \_\_\_ FIRM \_\_\_ Community Determined \_\_\_ Other/Source \_\_\_\_\_
11. Check elevation datum used for BFE in item#9: NGVD 1929 \_\_\_ NAVD 1988 \_\_\_ Other/Source \_\_\_\_\_
12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area OPA:  
Yes \_\_\_ No \_\_\_ Designation date \_\_\_/\_\_\_/\_\_\_ CBRS \_\_\_ OPA \_\_\_

### SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

1. Building elevations are based on (check one):  
 Construction Drawings\*  Building Under Construction\*  Finished Constructions  
 \* A new Elevation Certificate will be required when construction of the building is complete.

Local Officials Name: Louis F Fischer Title: Construction Official / CFM  
 Community Name: Township of Ocean Telephone # 609-693-3478  
 Signature: Louis F Fischer Date: \_\_\_\_\_  
 Comments: B1 incorrect / corrected

# ELEVATION CERTIFICATE

IMPORTANT: Follow the instructions on pages 1-9.

OMB No. 1660-0008  
 Expiration Date: July 31, 2015

*apple 3/14/15*

**SECTION A - PROPERTY INFORMATION**

A1. Building Owner's Name <b>Eugene Mangan</b>		FOR INSURANCE COMPANY USE	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>51 Hornblower Drive</b>		Policy Number:	
City <b>Waretown</b> State <b>NJ</b>		Company NAIC Number:	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <b>Blk.: 148, Lot: 8, 1st Sht: 19</b>		ZIP Code <b>08758</b>	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) _____			
A5. Latitude/Longitude: Lat. <b>39°47'49.1"</b> Long. <b>74°11'02.9"</b>		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 <b>5</b>			
A8. For a building with a crawlspace or enclosure(s):		A9. For a building with an attached garage:	
a) Square footage of crawlspace or enclosure(s) <b>n/a</b> sq ft		a) Square footage of attached garage <b>n/a</b> sq ft	
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <b>n/a</b>		b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <b>n/a</b>	
c) Total net area of flood openings in A8.b <b>n/a</b> sq in		c) Total net area of flood openings in A9.b <b>n/a</b> sq in	
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		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 <b>Twp of Ocean 340518</b>		B2. County Name <b>Ocean</b>		B3. State <b>NJ</b>	
B4. Map/Panel Number <b>34029C0416</b>	B5. Suffix <b>F</b>	B6. FIRM Index Date <b>09/29/2006</b>	B7. FIRM Panel Effective/Revised Date <b>09/26/2006</b>	B8. Flood Zone(s) <b>AE</b>	B9. Base Flood Elevation(s) (Zone A0, use base flood depth) <b>6.0</b>

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

**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: **GPS** 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)	<b>8.8</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	<b>n/a</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<b>n/a</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	<b>n/a</b>	<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)	<b>8.4</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<b>4.6</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<b>5.0</b>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<b>4.6</b>	<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.

Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor?  Yes  No  
 Check here if attachments.

Certifier's Name <b>Keith M. Ludwig, PLS</b>		License Number <b>24GS04324400</b>	
Title <b>Survey Department Manager</b>		Company Name <b>Dewberry Engineers</b>	
Address <b>133 Gaither Drive, Suite 'F'</b>		City <b>Mt. Laurel</b>	State <b>NJ</b>
Signature <i>K M L</i>		ZIP Code <b>08054</b>	Telephone <b>(856) 780-3660</b>

PLACE SEAL HERE

**ELEVATION CERTIFICATE, page 2**

<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. 51 Hornblower Drive			Policy Number:	
City Waretown	State NJ	ZIP Code 08758	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 Elevation for C2 e is for A/C Platform, EI =8 4 FEMA Preliminary Working Map 34029C416G, dated 1/30/2015 shows  
Zone AE, EI =7 0

Signature  Date 06/09/2015

**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 \_\_\_\_\_ . \_\_\_\_\_  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 8–9 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.

**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 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 _____	

Check here if attachments.

See Instructions for Item A6.

<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. 51 Hornblower Drive			Policy Number
City Waretown	State NJ	ZIP Code 08758	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

<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. 51 Hornblower Drive			Policy Number:
City Waretown	State NJ	ZIP Code 08758	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