

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 Brian F. Doherty				Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1116 Edington Place				Company NAIC Number:	
City Marco Island		State Florida		ZIP Code 34145	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 18, Block 1, Old Marco Village, as recorded in PB 6, Pg(s) 3, Collier County, Florida					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential					
A5. Latitude/Longitude: Lat. N25°58'10.4" Long. W81°43'51.9" 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 6					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) 3,099 sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 0					
c) Total net area of flood openings in A8.b 0 sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage 859 sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 5					
c) Total net area of flood openings in A9.b 640* 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 Marco Island 120426			B2. County Name Collier		B3. State Florida
B4. Map/Panel Number 12021C0826H	B5. Suffix H	B6. FIRM Index Date 05/16/2012	B7. FIRM Panel Effective/ Revised Date 05/16/2012	B8. Flood Zone(s) VE/AE	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 9/8
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					

ELEVATION CERTIFICATE

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

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. 1116 Edington Place		FOR INSURANCE COMPANY USE Policy Number:
City Marco Island	State Florida	ZIP Code 34145
		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, ARA, ARAE, ARA1–A30, ARAH, ARAO.
Complete items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: AA7623 Vertical Datum: NAVD88

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)	7.1	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	10.6	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	9.0	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	7.4	<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)	10.9	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	5.9	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	7.4	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	N/A	<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 John P. Pacetti, PSM	License Number 6916	
Title Professional Surveyor & Mapper		
Company Name Marco Surveying & Mapping		
Address 3825 Beck Boulevard, Suite 725		
City Naples	State Florida	
ZIP Code 34114		
Signature Digitally signed by John Pacetti	Date 06/06/2017	Telephone (239) 389-0026

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Comments (including type of equipment and location, per C2(e), if applicable)
A8a/A9a Square footage was derived from construction plans. A8c There are 5 engineered flood vents in the garage. SmartVent Model #1540-520, certified for 200 sq/ft each which total a net flood coverage of 1,000 square feet. C2a is the crawl space floor. C2b is the living floor. See attached V-Zone Breakaway Wall Design Certificate.

W.O.# 17-307 twd, FB149, PG64, 06/06/2017

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City Marco Island	State Florida	ZIP Code 34145	Company NAIC Number
SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)			
<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>			
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.

ELEVATION CERTIFICATE

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City Marco Island	State Florida	ZIP Code 34145	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.			

ELEVATION CERTIFICATE**BUILDING PHOTOGRAPHS**

See Instructions for Item A6.

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City Marco Island	State Florida	ZIP Code 34145	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, 06/06/2017



Photo Two

Photo Two Caption A/C View, 06/06/2017

ELEVATION CERTIFICATE**BUILDING PHOTOGRAPHS**

Continuation Page

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1116 Edington Place

Policy Number:

City

State

ZIP Code

Company NAIC Number

Marco Island

Florida

34145

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.

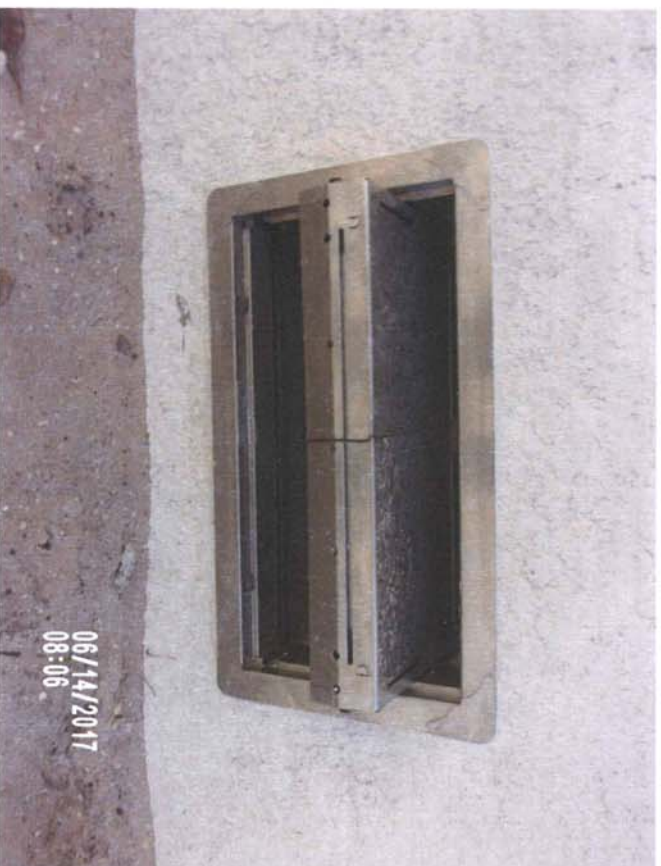


Photo Three

Photo Three Caption Vent View, 06/14/2017



Photo Four

Photo Four Caption North Side View, 06/06/2017

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

Continuation Page

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Photo Five

Photo Five Caption Crawl Space Enclosure View



Photo Six

Photo Six Caption Rear View, 06/06/2017



City of Marco Island
Community Development Department
50 Bald Eagle Drive
Marco Island, FL 34145

V-ZONE BREAKAWAY WALL DESIGN CERTIFICATE

PRE-CONSTRUCTION _____ AS BUILT X _____

Name of Property Owner: Brian Doherty Permit #: _____

Building Address: 1116 Edington Place, Marco Island, FL

Flood Insurance Rate Map (FIRM) Information

Community Number: 120426 Community Name: City of Marco Island

Panel Number: 12021C0826H Suffix: H Date of FIRM Index: 05/16/2012

Elevation Information

FLOOD AND ELEV. INFO REF
TO NAVD88 GIVEN BY JOHN P.
PACETTI, MARCO SURVEYING
AND MAPPING, DATED 7/27/16

1. BFE: VE9 / AE8 feet NGVD
2. Bottom of Lowest Horizontal Structural Member: 9.0' NAVD feet ~~NGVD~~
3. Elevation of Lowest Adjacent Grade: 5.9' NAVD feet ~~NGVD~~

Breakaway Wall Certification Statement

Note: Certificate must be signed and sealed by a registered professional engineer. A signed and sealed copy of this statement must also appear on the approved construction plans detailing breakaway wall construction.

I certify that I have developed or reviewed the structural design, plans and specifications for construction of breakaway walls. The design and methods of construction to be used for the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions:

- Breakaway walls have a design safe loading resistance of ~~not less than 10 and no more than 20 pounds per square foot~~ MORE THAN FBC 2015 WIND LOADS BUT LESS THAN WAVE LOADS DURING MAXIMUM DESIGN FLOOD EVENT
- Breakaway walls collapse shall result from a water load less than that which would occur during the base flood; and
- The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the combined effects of wind and water loads acting simultaneously on all building components; structural and non-structural. Wind loading values used shall be those required by applicable state or local building standards. Water loading values shall be those associated with the base flood. Such enclosed space shall be useable solely for parking of vehicles, building access or limited storage of maintenance items.

For "As Built" certifications, I am certifying that the construction has been done in accordance with the design parameters indicated above.

CERTIFICATION

Certifier's Name: REAGAN HENRY PE Title: PRINCIPAL ENGINEER

Company Name: ADECOS ENGINEERING INC COA 27339 Registration Number: FL PE 65616

Address: 3960 RADIO RD, SUITE 104, NAPLES FL 34104

Signature: _____ Date: 7/28/16

Reagan M.
Henry, FL PE
65616

Digitally signed by Reagan M. Henry
FL PE 65616
DN: cn=Reagan M. Henry, FL PE
65616, o=Adecos Engineering Inc, ou
email=reagan@adecosing.com, c=US
Date: 2016.07.28 15:10:54 -0400



