

corrected
29-19

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
Expires March 31, 2012

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:

A1. Building Owner's Name MICHAEL MEAD, JR.	Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 125 LINSTEW DRIVE	Company NAIC Number
City FORT WALTON BEACH State FL ZIP Code 32548	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) LOT 14, BLOCK 2, BAYOU SUBDIVISION Plat Book 2, Page 2	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>RESIDENTIAL</u>	
A5. Latitude/Longitude: Lat. <u>30° 25' 40.2"</u> Long. <u>86° 37' 24.0"</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>3</u>	
A8. For a building with a crawl space or enclosure(s):	
a) Square footage of crawl space or enclosure(s) <u>1455</u> sq ft	A9. For a building with an attached garage:
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade <u>1</u>	a) Square footage of attached garage <u>1185</u> sq ft
c) Total net area of flood openings in A8.b <u>128</u> sq in	b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>0</u>
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	c) Total net area of flood openings in A9.b <u>0</u> sq in
	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 CITY OF FT WALTON BCH 120174		B2. County Name OKALOOSA		B3. State FL	
B4. Map/Panel Number 12091 C0461	B5. Suffix H	B6. FIRM Index Date 12/06/02	B7. FIRM Panel Effective/Revised Date 12/06/02	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 9 ft.

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 (Describe) _____

B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other (Describe) _____

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. Use same datum as BFE.
 Benchmark Utilized USC & GS G-297 Vertical Datum NGVD '29
 Conversion/Comments N/A

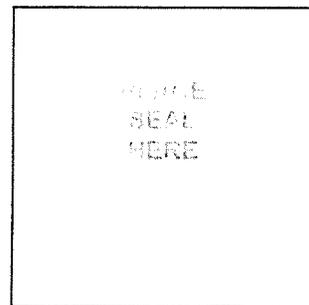
		Check the measurement used.	
a) Top of bottom floor (including basement, crawl space, or enclosure floor)	<u>7.4</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<u>16.6</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A.</u>	<input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	<u>13.6</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>12.7</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade next to building (LAG)	<u>6.3</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG)	<u>13.0</u>	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>N/A.</u>	<input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)

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

Certifier's Name EDWARD E. RICE	License Number #3420
Title Professional Surveyor & Mapper	Company Name PANHANDLE ASSOCIATES, INC.
Address 701-A EDGE STREET	City FORT WALTON BEACH State FL ZIP Code 32547
Signature <i>Edward E. Rice</i>	Date 06/08/2009 Telephone 850-864-1968



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. 125 LINSTEAD DRIVE			Policy Number
City FORT WALTON BEACH	State FL	ZIP Code 32548	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 A8. BASEMENT HAS 11 OPENINGS TOTALING 1584 SQ. IN. WITH ONLY ONE OPENING WITHIN 1.0 FT OF ADJACENT GRADE.

C 2a) IS ELEVATION OF BASEMENT FLOOR. C 2b) IS ELEVATION OF MAIN HOUSE FLOOR. GARAGE HAS STORAGE ONLY

ABOVE. C 2e) IS ELEVATION OF BOTTOM OF WATER HEATER IN BASEMENT. A/C UNIT ELEVATION IS 15.7 FT

Signature Edward E. Miss Date 06/08/2009 Check here if attachments

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, crawl space, or enclosure) is _____ feet meters above or below the HAG.
 b) Top of bottom floor (including basement, crawl space, 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's 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, and G9.

- 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.-G9.) 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 (PR) Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ feet meters (PR) Datum _____

G10. Community's design flood elevation _____ feet meters (PR) Datum _____

Local Official's Name Timothy Bolduc Title Development Services Manager

Community Name CITY OF FORT WALTON BEACH Telephone 950-833-9605

Signature _____ Date 6-23-2011

Comments The engineer for the project provided a letter explaining the design of the flood vents. This letter will serve as proof of compliance with the requirements for hydrostatic venting.

Check here if attachments



Commercial & Residential
P.O. Box 4915
Fort Walton Beach, FL 32549
(850) 865-0898 Fax (850) 862-0043

City of Fort Walton Beach
Attention: Building Department
107 Miracle Strip Pkwy. S.W.
P.O. Box 4009
Fort Walton Beach, FL 32549

June 18, 2009

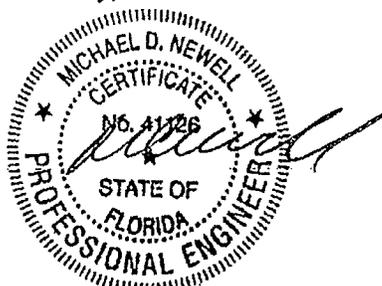
Re: Structural Certification for 125 Linstew Drive
Owner: Mr. Michael Mead, Jr.
Contractor: Ms. Patricia Porter

Dear Building Official:

Based on my final site visit, the aforementioned structure is consistent with the approved plans and specifications. Nail-off was acceptable, as were the clips and strapping. In addition, the ground floor hydrostatic vents located in the basement were placed anywhere between 12" to 15" off finish floor elevation. This was accomplished to allow sufficient depth for the 12" block to transfer vertical and horizontal loads supporting the 2 story floors and roof above. This will ensure the lateral loads due to high winds will resist lateral shear. There is a 6'-0" by 6'-8" out swing door along with the hydrostatic vents which will facilitate proper drainage for potential receding flood waters due to significant storm events. The exterior door was not accounted for in our hydrostatic vent calculations. In addition, the vents were sized and located to equalize the hydrostatic flood forces or loads on the exterior walls. The ground floor storage area or basement underneath the structure has a finish floor elevation of 7.4 feet while the finish floor elevation of the heated and cooled space on the first floor living area (2nd floor) is 16.6 feet. This is 7.6' higher than the base flood elevation of 9.0' for this area. Please see attached Elevation Certificate prepared by Mr. Eddie Rice, PLS of Panhandle Associates, Inc., dated June 8, 2009. This structure is in compliance with the Florida Building Code 2004 - Chapter 16.

If you have any questions or desire additional information, please contact me at your earliest convenience.

Sincerely,



Michael D. Newell, P.E.