

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

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

SECTION A - PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

A1. Building Owner's Name Dr. Jennifer Cook

Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
4529 Harborpointe Dr

Company NAIC Number:

City Port Richey State FL ZIP Code 34668

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Parcel ID 30-25-16-0040-00000-0300

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

A5. Latitude/Longitude: Lat. 28°16'49.2" N Long. 82°44'20.7" 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 7

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

- a) Square footage of crawlspace or enclosure(s) 1383 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? Yes No

A9. For a building with an attached garage:

- a) Square footage of attached garage 1486 sq ft
 b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0
 c) Total net area of flood openings in A9.b 0 sq in
 d) Engineered flood openings? Yes No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number
Port Richey, 120234

B2. County Name
Pasco

B3. State
FL

B4. Map/Panel Number
120234 0003

B5. Suffix
B

B6. FIRM Index Date
07/05/83

B7. FIRM Panel Effective/Revised Date
07/05/83

B8. Flood Zone(s)
V17, A13

B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
15'

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: N/A

B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source: N/A

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No
 Designation Date: N/A 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: PAS 15 Vertical Datum: NAVD1988

Indicate elevation datum used for the elevations in items a) through h) below. NGVD 1929 NAVD 1988 Other/Source: N/A
 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) 8.59 feet meters
 b) Top of the next higher floor 20.78 feet meters
 c) Bottom of the lowest horizontal structural member (V Zones only) 18.66 feet meters
 d) Attached garage (top of slab) 6.59 feet meters
 e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) 20.23 feet meters
 f) Lowest adjacent (finished) grade next to building (LAG) 6.1 feet meters
 g) Highest adjacent (finished) grade next to building (HAG) 6.8 feet meters
 h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support 6.1 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. Were latitude and longitude in Section A provided by a licensed land surveyor? Yes No
 Check here if attachments.

Certifier's Name Christopher H. Xynides

License Number PSM No. 5566

Title President

Company Name D.C. Johnson & Associates, Inc.

Address 11911 South Curley Street

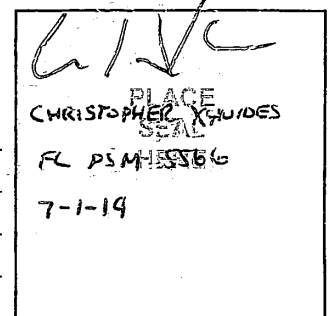
City San Antonio

State FL ZIP Code 33576

Signature 

Date 07-01-14

Telephone (352) 588-2768



ELEVATION CERTIFICATE, page 2

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.
4529 Harborpointe Dr

City Port Richey

State FL ZIP Code 34668

FOR INSURANCE COMPANY USE

Policy Number:

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 and A9) There are 5 flood vents installed above 1.0' adjacent grade--net area = 1961 sq. in. Flood vents fall within 1.0' of first floor elevation (8.59').
Lowest bottom elevation of flood vent = 9.25'.

C2) NGVD29 = NAVD88 + 0.84'

C2e) Elevation is at AC Unit servicing residence.

Signature



Date 07-01-14

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'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–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

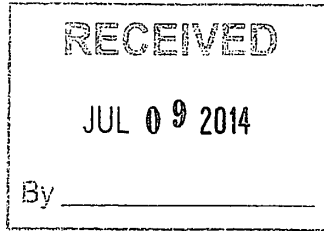
Comments

Check here if attachments.

310



Reno Building, LLC.
500 N. Willow Ave; Ste 104
Tampa, Florida 33606
Phone: (813) 885-7366
Fax: (866) 700-4846



Transmittal #121

Project: 118-001 - Port Richey Residence
4529 Harbor Pointe Dr.
Port Richey, Florida 34668
Phone: (813) 885-7366
Fax: (866) 700-4846

Elevation Certificate and Record Survey

TO: Bill Golberg (City of Port Richey)
6333 Ridge Road
Port Richey, Florida 34668

FROM: Randy Hilgeman (Reno Building, LLC.)
500 N. Willow Ave Suite 104
Tampa, Florida 33606

CREATED DATE: 07/09/2014

COPIES TO:

Mark Stohs (Reno Building, LLC.), David Reno (Reno Building, LLC.), Scott Miller (Reno Building, LLC.), Randy Hilgeman (Reno Building, LLC.)

TRANSMIT:	VIA:	FOR:	ACTION:
Under Separate Cover	Email	As Requested	Sent date 07/09/14

Transmittal Items

DESCRIPTION	FORMAT	DATE	COPIES
Elevation Certificate and Survey	Document	07/09/2014	1

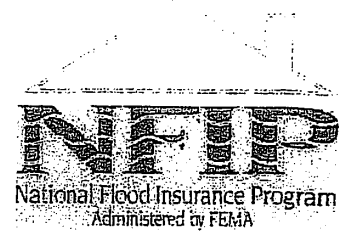
Comments

Attached are Two (2) Original Signed and Sealed Surveys and One (1) Original Signed and Sealed Elevation Certificate.

BY

DATE 07-09-14

COPIES TO



V-Zone Building Design Certificate

Section 1: Structure Location and Ownership Information

Structure Owner Dr. Jennifer Cook
 Mailing Address 4529 Harborpointe Drive
 City Port Richey State Florida Zip Code 34668

Structure Location 4529 Harborpointe Drive
 City Port Richey State Florida Zip Code 34668
 Latitude 29d 16'49.2" N Longitude 82d 44'20.7" W
 County Pasco
 Property Description: Parcel ID: 30-25-16-0040-00000-0300

Section 2: Flood Insurance Rate Map (FIRM) Data

NOTE: This Certificate is NOT a substitute for an Elevation Certificate.

Community Name Port Richey Community ID Number 120234 FIRM Panel Number _____
 Panel Suffix B FIRM Zone V17, A13 Date of FIRM Panel 07/05/83
 Date of Index 07/05/83

Located within the Coastal Barriers Resource Act (CBRA) Zone or Otherwise Protected Areas: Yes ___ / No X

Section 3: Elevation Information

Record elevations to one tenth of a foot.

Check one: New Building X Substantial Improvement _____
 Date of Construction 7 / 10 / 2014
 Elevation of the bottom of the Lowest Horizontal Structural Member 18.66 feet
 Base Flood Elevation (BFE) 15.00 feet
 Elevation of Lowest Adjacent Grade (LAG) 6.1 feet
 Elevation of Highest Adjacent Grade (HAG) 6.8 feet
 Foundation type: Pilings X Columns _____
 Foundation Description: 20 ton timber piles driven to refusal.
 Elevation at Bottom of Foundation 4'-2" below LAG
 Depth of scour/erosion used for foundation design 3 feet
 Embedment depth of pilings or foundation below LAG 20 feet
 Datum used: NGVD 29 X NAVD 88 other _____

Section 4: V Zone Certifying Statement

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the proposed design and methods of construction are in accordance with accepted standards of engineering practice for meeting the following provisions:

(i) The bottom of the lowest horizontal structural member of the lowest floor (excluding pilings or columns) is elevated to above the BFE; and

(ii) The pile or column foundation and structure attached thereto are anchored to resist floatation, collapse, lateral movement, or other structural damage from the effects of wind and water loads acting simultaneously on all structure components. Water loading values used are those associated with the base flood. Wind loading values used are those required by the applicable state or local building standards. The scour and erosion at the foundation have been estimated for conditions associated with the base flood, including wave action.

Section 5: Breakaway Walls Certifying Statement

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the proposed design and methods of construction are in accordance with accepted standards of engineering practice for meeting the following provisions (check one):

(i) Breakaway walls will collapse under wind and water loads without causing collapse, displacement, or other structural damage to the elevated portion of the building or supporting foundation system; and

(ii) Breakaway walls are designed to have a safe loading resistance of not less than 10 and no more than 20 pounds per square foot.

Breakaway walls are designed to exceed a safe loading resistance of 20 pounds per square foot, and meet the following conditions:

(i) Breakaway walls will collapse from a water load less than that which would occur during the base flood; and

(ii) The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components (structural and non-structural); The water loading values used shall be those associated with the base flood; and The wind loading values used shall be those required by applicable State or local standards.

Section 6: Certification

Check one: Sections 4 and 5 Section 4 only Section 5 only

Name (please print) JAMES R MEHLTRETTER Title VICE PRESIDENT

License number 33860

Phone Number 813-287-3600 EMAIL jim.mehlretter@mcengineers.com

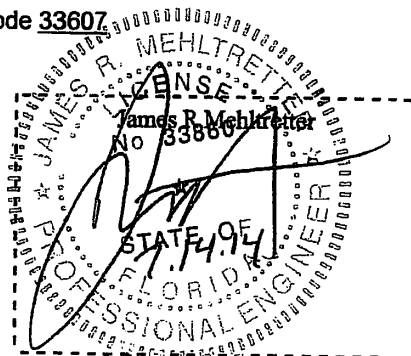
Company MASTER CONSULTING ENGINEERS, INC.

Address 5523 WEST CYPRESS STREET, SUITE 200

City TAMPA

State FLORIDA

Zip Code 33607



310



5523 WEST CYPRESS ST., STE. 200
TAMPA, FLORIDA 33607
P (813) 287-3600 F (813) 287-3622

5950 LAKEHURST DR., STE. 183
ORLANDO, FLORIDA 32819
P (407) 351-2384 F (813) 287-3622
www.mcengineers.com

January 15, 2014

Mr. Michael Ruble, AIA
Tampa, Florida

Re: Port Richey Residence
Flood Hazard Requirements
Permit Number 2013020018

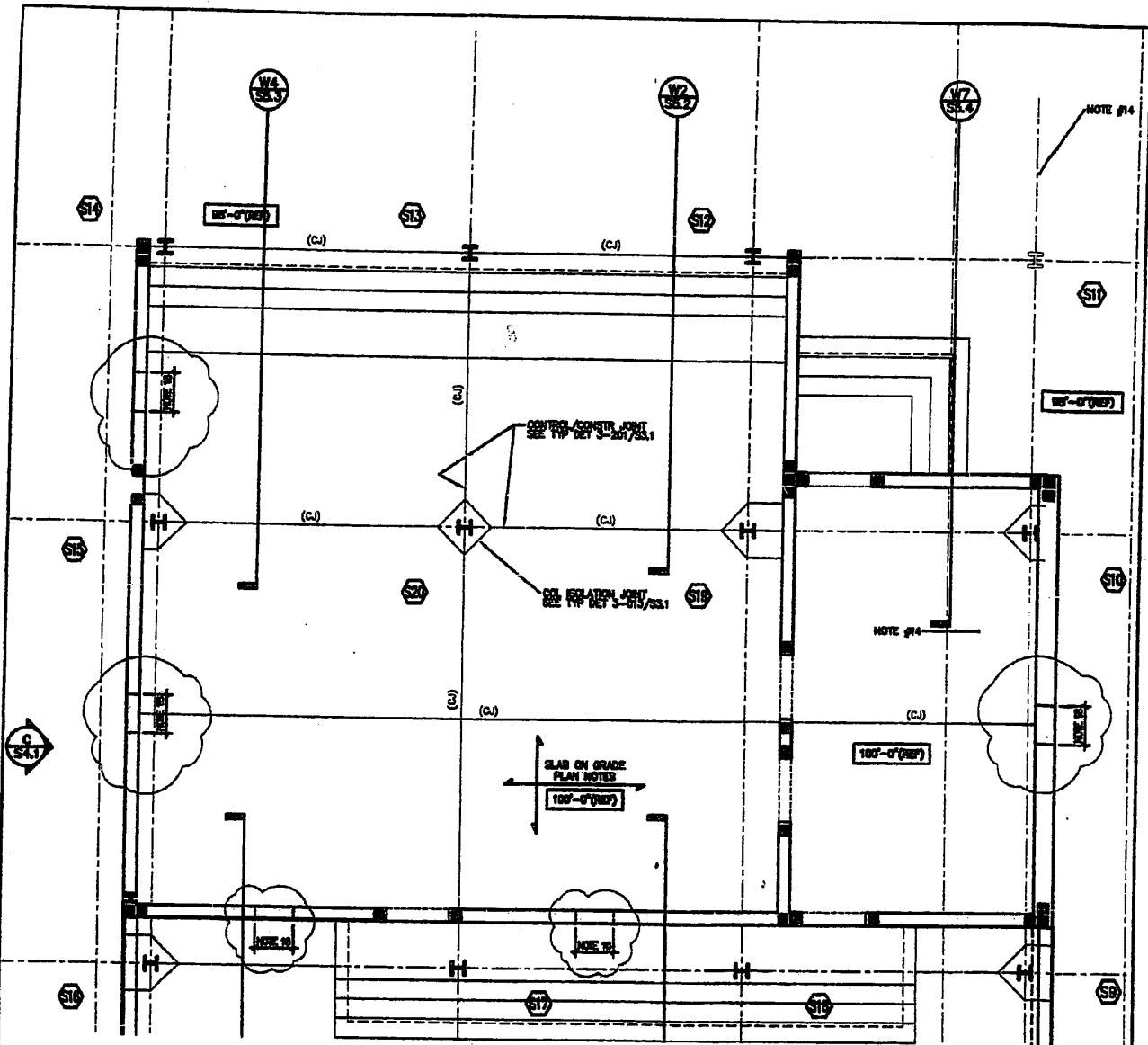
Dear Mike:

Master Consulting Engineers, Inc. (MCE) has reviewed the flood hazard requirements for the above subject project. Accordingly, we have issued the attached drawing SSK-05 showing flood vents to be located in the masonry walls at the ground floor. The flood vents provide for the automatic entry and exist of flood waters and meet the requirements of Section 2.6.2.2 of ASCE 24-05 "Flood Resistant Design and Construction". The balance of the ground floor walls are metal studs which are designed as breakaway walls for a load of 20 psf; and meet the requirements of ASCE 24-05.

Thank you for the opportunity to provide you with Professional Engineering services. Please note that Master Consulting Engineers, Inc. reserves the right to revise or update this report as other information becomes available. If clarification or additional information is necessary please contact us.

Sincerely,
Master Consulting Engineers, Inc.

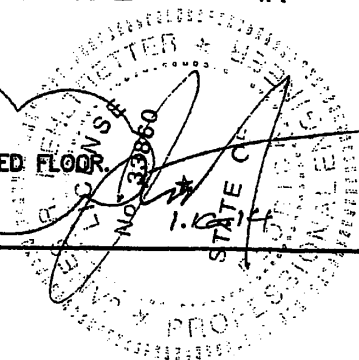
James R. McHittetter
James R. McHittetter, P.E.
Florida License Number 33860



ADDED FLOOD VENTS

CONCRETE SLAB ON GRADE PLAN NOTES:

- 16. 24" LONG 16" HIGH FLOOD VENT 8" ABOVE FINISHED FLOOR.



MASTER CONSULTING ENGINEERS, INC.
 5523 WEST CYPRESS ST., #200
 TAMPA, FLORIDA 33607
 813.287.3800 FAX 813.287.3822
 MCE@mcengineers.com
 EB: 8426

SUBJECT: FLOOD VENTS
CLIENT: MICHAEL RUBLE AIA
PROJECT: PORT RICHEY RESIDENCE
PROJECT NO: 1641.115.11
SHEET NO. SSK-05
DES. BY: JRM
DATE: 12/19/2013