

# 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 **RONALD M. & WILMA J. NORTON**

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.  
**9 ROAD 4380**

City **BLANCO** State **NM** ZIP Code **87412**

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)  
**LOT 70 LAS VEGAS DE SAN JUAN SUBDIVISION.**

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

A5. Latitude/Longitude: Lat. **36 45 20.41** Long. **107 45 13.75** 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 **9**

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

a) Square footage of crawlspace or enclosure(s) **600** sq ft

b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade **8**

c) Total net area of flood openings in A8.b **1024** sq in

d) Engineered flood openings?  Yes  No

A9. For a building with an attached garage:

a) Square footage of attached garage **NA** sq ft

b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade **NA**

c) Total net area of flood openings in A9.b **NA** sq in

d) Engineered flood openings?  Yes  No

## SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number  
**SAN JUAN COUNTY / 350064**

B2. County Name  
**SAN JUAN**

B3. State  
**NEW MEXICO**

B4. Map/Panel Number <b>35045C / 0775</b>	B5. Suffix <b>F</b>	B6. FIRM Index Date <b>08/05/2010</b>	B7. FIRM Panel Effective/Revised Date <b>08/05/2010</b>	B8. Flood Zone(s) <b>A</b>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <b>5618.33</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: **FEMA QUICK -2 PROGRAM**

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 / OPUS** 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) **5616.45**  feet  meters

b) Top of the next higher floor **5619.78**  feet  meters

c) Bottom of the lowest horizontal structural member (V Zones only) **NA**  feet  meters

d) Attached garage (top of slab) **NA**  feet  meters

e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) **NA**  feet  meters

f) Lowest adjacent (finished) grade next to building (LAG) **5618.80**  feet  meters

g) Highest adjacent (finished) grade next to building (HAG) **5619.54**  feet  meters

h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support **5619.78**  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 **Paul F. Martin** License Number **8548**

Title **CEO** Company Name **Sakura Engineering**

Address **125 W. Main, Suite A** City **Farmington** State **NM** ZIP Code **87401**

Signature *Paul F. Martin* Date **5-31-13** Telephone **505-5642139**



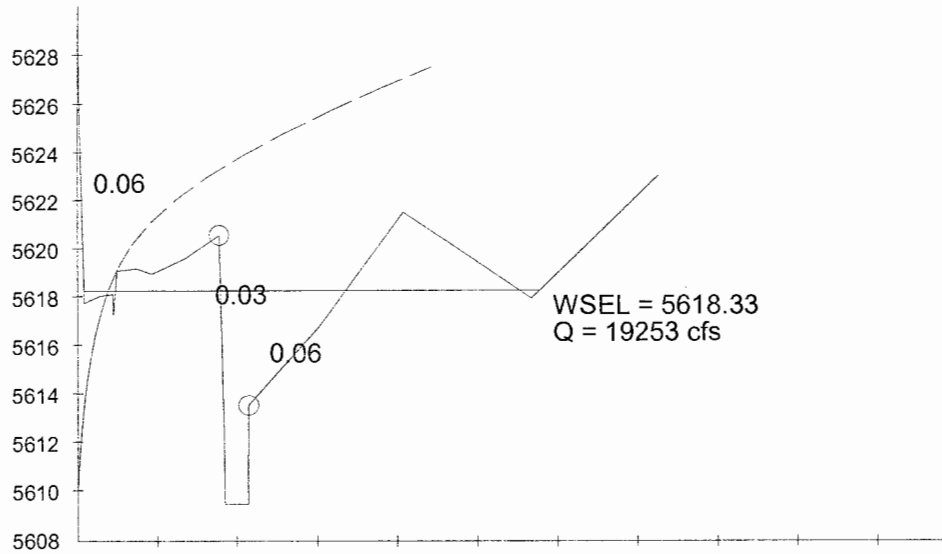
Cross Section: 1      Type: \* Irregular Channel

Stat	Elev	Stat	Elev	Stat	Elev	Stat	Elev
0	5628.1	42	5617.8	140	5618.1	222	5618.2
227	5617.4	249	5619.2	373	5619.3	466	5619
673	5619.7	890	5620.6	919	5612.2	923	5609.5
1067	5609.5	1073	5613.6	1513	5616.9	2039	5621.6
2839	5618	3632	5623.1	0	0	0	0

	Left	Channel	Right	CC: 0.1	CE: 0.3
N Values	0.06	0.03	0.06		
Bank Stat	890		1073		
Reach Len	0	0	0		

CWSEL	5618.33	Elmin	5609.52	Froude#	1.04
EG	5619.78	Depth	8.81	EG Slope	0.003
Chan Vel	10.78	TopWidth	1099.9	CritDepth	5617.7
Discharge	19253	KRatio	1	FlowType	Near-Critical

Elev(ft) Cross Section: 1 Slope: .003 ft/ft



Stat (ft)	0	500	1000	1500	2000	2500	3000	3500	4000	4500	5000
Q (cfs)	0	50000	100000	150000	200000	250000	300000	350000	400000	450000	500000

Cross Section: 1      Energy Slope: 0.003

Stat	Elev	Stat	Elev	Stat	Elev	Stat	Elev
0	5628.1	42	5617.8	140	5618.1	222	5618.2
227	5617.4	249	5619.2	373	5619.3	466	5619
673	5619.7	890	5620.6	919	5612.2	923	5609.5
1067	5609.5	1073	5613.6	1513	5616.9	2039	5621.6
2839	5618	3632	5623.1	0	0	0	0

	Left	Channel	Right
N Values	0.06	0.03	0.06
Bank Stat	890		1073

CWSEL	Q (CFS)	Area (Sq Ft)
5609.52	0	0
5610	115	69.5
5610.93	694	206.2
5611.86	1617	345.4
5612.79	2819	487.7
5613.73	4279	634.9
5614.66	6077	857.9
5615.59	8339	1201.2
5616.52	11179	1664.9
5617.45	14860	2244.8
5618.38	19475	3019
5619.31	25570	4329.1
5620.24	34127	6446.6
5621.17	45941	9165.4
5622.11	61687	12286.2
5623.04	81078	15574.2
5623.97	104177	18938.4
5624.9	130212	22306.3
5625.83	158990	25677.7
5626.76	190377	29052.6
5627.69	224262	32431.1