

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-8.

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:

A1. Building Owner's Name	Kevin Shafer	Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.	Lot 10, Riverwalk Estates	Company NAIC Number
City Missoula State MT ZIP Code 59802		
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 10, Riverwalk Estates, E1/2 Section 14, T13N, R20W, P.M.M.		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>		
A5. Latitude/Longitude: Lat. <u>46 53' 08"</u> Long. <u>114 05' 20.5"</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>2</u>		
A8. For a building with a crawl space or enclosure(s), provide		A9. For a building with an attached garage, provide:
a) Square footage of crawl space or enclosure(s)	<u>896</u> sq ft	a) Square footage of attached garage <u>576</u> sq ft
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade	<u>N/A</u>	b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade <u>N/A</u>
c) Total net area of flood openings in A8.b	<u>N/A</u> sq in	c) Total net area of flood openings in A9.b <u>N/A</u> sq in

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number Unincorporated Areas-Missoula 300048	B2. County Name Missoula	B3. State MT			
B4. Map/Panel Number 30063C1190	B5. Suffix D	B6. FIRM Index Date 8/16/88	B7. FIRM Panel Effective/Revised Date 8/16/88	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 3140.6' NAVD88

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-g below according to the building diagram specified in Item A7.

Benchmark Utilized MSOL Vertical Datum NAVD88

Conversion/Comments GPS Observation

Check the measurement used.

a) Top of bottom floor (including basement, crawl space, or enclosure floor)	<u>3140.9</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<u>3142.9</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>3142.9</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 in Comments)	<u>3142.9</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade (LAG)	<u>3144.4</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade (HAG)	<u>3147.5</u>	<input checked="" 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.

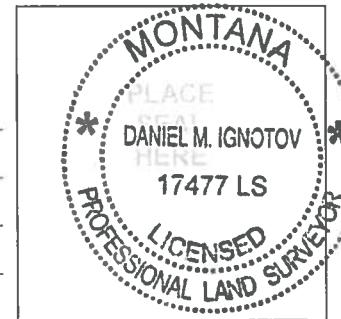
Check here if comments are provided on back of form.

Certifier's Name Dan M. Ignatov License Number 17477LS

Title Professional Land Surveyor Company Name Professional Consultants, Inc

Address 315 Russell City Missoula State MT ZIP Code 59806

Signature Dan M. Ignatov Date 10-5-2007 Telephone 406-728-1880



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. Lot 10, Riverwalk Estates		Policy Number
City Missoula State MT ZIP Code 59802		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 This FEC is pre-construction. No structure yet exists. LAG and HAG are existing ground presently on Lot 10. Elevations in C2a-g are in NAVD88 and taken from architects plans.

Signature

Date 10/5/2007

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 6-8 with permanent flood openings provided in Section A Items 8 and/or 9 (see page 8 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 _____

Local Official's Name	Title
Community Name	Telephone
Signature	Date
Comments	

Check here if attachments

Building Photographs

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. LOT 10, RIVERWALK ESTATES			For Insurance Company Use: Policy Number
City MISSOULA	State MT	ZIP Code 59802	Company NAIC Number
<p>If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two 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." If submitting more photographs than will fit on this page, use the Continuation Page, following.</p>			

NO STRUCTURE EXISTS

From: Todd Klietz
To: Dan Ignatov
Date: 10/09/2007 11:11 AM
Subject: RE: Lot 10, Riverwalk

Thanks Dan - I've recommended that firms not sign/stamp pre-construction ECs until the builder/owner documents to you what the elevations are going to be - but that's your call - as long as your comfortable signing/stamping the EC based on what they've submitted to you, the city/county requirement is met.

>>> "Dan Ignatov" <DanI@pcimontana.com> 10/09/2007 10:30 AM >>>
Todd

C2a references a crawl space. I put 0.3' to be conservative. All I have are the architect plans and they don't show any grades.

-----Original Message-----

From: Todd Klietz [<mailto:tklietz@co.missoula.mt.us>]
Sent: Tuesday, October 09, 2007 10:04 AM
To: Dan Ignatov
Subject: Lot 10, Riverwalk

Hi Dan - got the preconstruction EC - thanks. Under C2A, the "lowest floor" is .3' above BFE. Does that elevation reference a basement, crawlspace, or slab? (I don't have the building plans that the EC references.)