

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expires February 28, 2009

Important: Read the instructions on pages 1-8.

## SECTION A - PROPERTY INFORMATION

Building Owner's Name <u>AARON HILL</u>	For Insurance Company Use:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <u>1633 ANGELINA WAY</u>	Policy Number
City <u>MISSOULA</u> State <u>MT</u> ZIP Code <u>59808</u>	Company NAIC Number

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)  
LOT 6, RIVERWALK ESTATES, T13N, R20W, SECTION 14, MISSOULA COUNTY, MT

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

A5. Latitude/Longitude: Lat. 46 53 05.534 Long. 114 05 20.521

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 8

A8. For a building with a crawl space or enclosure(s), provide

- a) Square footage of crawl space or enclosure(s) 1325 sq ft  
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade 0  
c) Total net area of flood openings in A8.b 0 sq in

A9. For a building with an attached garage, provide:

- a) Square footage of attached garage 520 sq ft  
b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade 0  
c) Total net area of flood openings in A9.b 0 sq in

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

B1. NFIP Community Name & Community Number <u>UNINCORPORATED AREAS 300048</u>		B2. County Name <u>MISSOULA</u>		B3. State <u>MT</u>	
B4. Map/Panel Number <u>30063C1190</u>	B5. Suffix <u>D</u>	B6. FIRM Index Date <u>AUGUST 16, 1988</u>	B7. FIRM Panel Effective/Revised Date <u>AUGUST 16, 1988</u>	B8. Flood Zone(s) <u>X</u>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <u>3137.6</u>

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) 100-year flood elevation of Grant Creek by DNRC

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 PID-DE8232(MISSOULA CORS) Vertical Datum NAVD88  
Conversion/Comments \_\_\_\_\_

Check the measurement used.

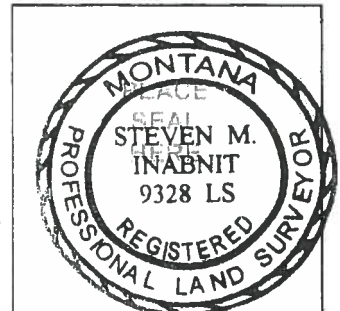
- |   |                |  |  |
|---|----------------|--|--|
| a) Top of bottom floor (including basement, crawl space, or enclosure floor)                                  | <u>3145.20</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| b) Top of the next higher floor   | <u>3149.70</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| c) Bottom of the lowest horizontal structural member (V Zones only)   | _____          | <input type="checkbox"/> feet            | <input type="checkbox"/> meters (Puerto Rico only) |
| d) Attached garage (top of slab)  | <u>3148.53</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>3148.53</u> | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| f) Lowest adjacent (finished) grade (LAG)   | _____          | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters (Puerto Rico only) |
| g) Highest adjacent (finished) grade (HAG)  | _____          | <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.

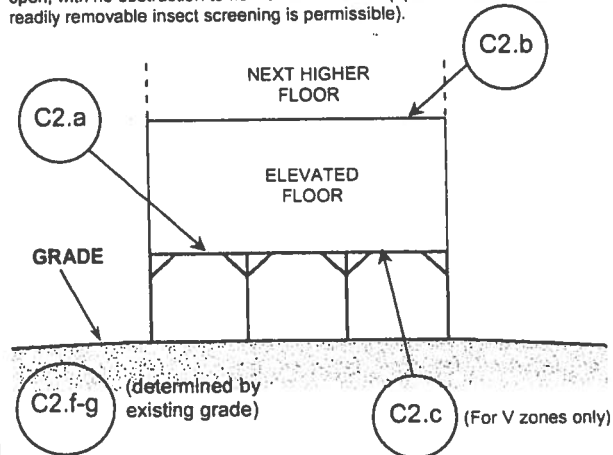
Certifier's Name <u>Steven M. Inabnit</u>		License Number <u>MT 9328LS</u>	
Professional Land Surveyor		Company Name <u>Eli &amp; Associates, Inc.</u>	
Address <u>5475 Alloy South</u>		City <u>Missoula</u> State <u>MT</u> ZIP Code <u>54808</u>	
Signature <u>Steven M. Inabnit, Inc.</u> Date <u>3/11/2008</u>		Telephone <u>406-549-5022</u>	



**DIAGRAM 5**

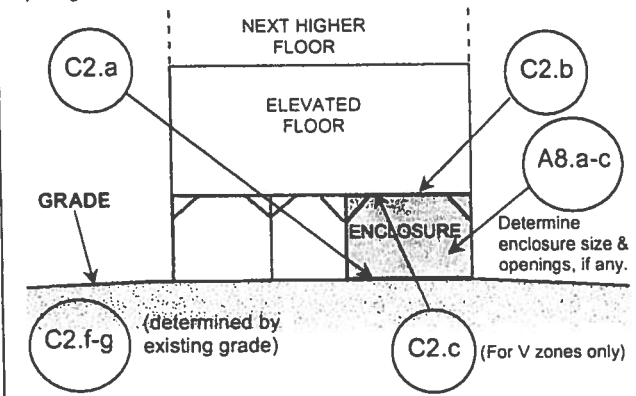
All buildings elevated on piers, posts, piles, columns, or parallel shear walls. No obstructions below the elevated floor.

**Distinguishing Feature** – For all zones, the area below the elevated floor is open, with no obstruction to flow of flood waters (open lattice work and/or readily removable insect screening is permissible).

**DIAGRAM 6**

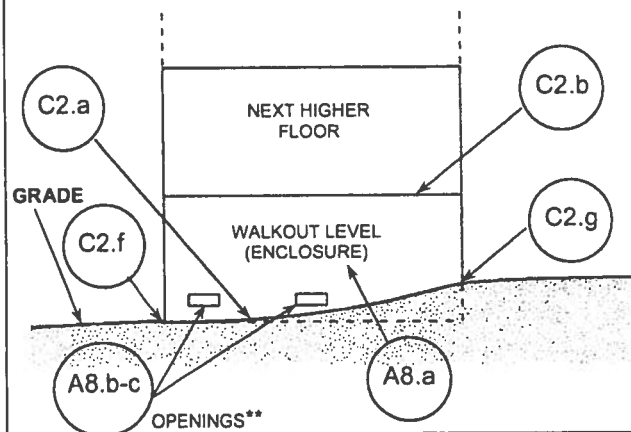
All buildings elevated on piers, posts, piles, columns, or parallel shear walls with full or partial enclosure below the elevated floor.

**Distinguishing Feature** – For all zones, the area below the elevated floor is enclosed, either partially or fully. In A Zones, the partially or fully enclosed area below the elevated floor is with or without openings\*\* present in the walls of the enclosure. Indicate information about enclosure size and openings in Section A – Property Information.

**DIAGRAM 7**

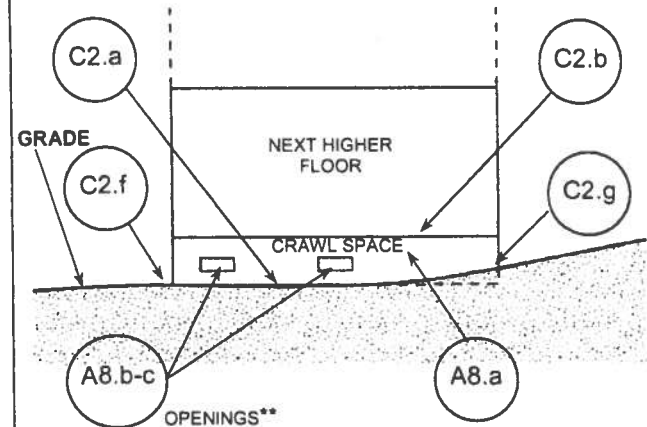
All buildings elevated on full-story foundation walls with a partially or fully enclosed area below the elevated floor. This includes walkout levels, where at least one side is at or above grade. The principal use of this building is located in the elevated floors of the building.

**Distinguishing Feature** – For all zones, the area below the elevated floor is enclosed, either partially or fully. In A Zones, the partially or fully enclosed area below the elevated floor is with or without openings\*\* present in the walls of the enclosure. Indicate information about enclosure size and openings in Section A – Property Information.

**DIAGRAM 8**

All buildings elevated on a crawl space with the floor of the crawl space at or above grade on at least one side, with or without an attached garage.

**Distinguishing Feature** – For all zones, the area below the first floor is enclosed by solid or partial perimeter walls. In all A Zones, the crawl space is with or without openings\*\* present in the walls of the crawl space. Indicate information about crawl space size and openings in Section A – Property Information.



\*\* An "opening" is defined as a permanent opening in a wall that allows for the free passage of water automatically in both directions without human intervention. Under the NFIP, a minimum of two openings is required for enclosures or crawl spaces with a total net area of not less than one square inch for every square foot of area enclosed. Each opening must be on different sides of the enclosed area. If a building has more than one enclosed area, each area must have openings on exterior walls to allow floodwater to directly enter. The bottom of the openings must be no higher than one foot above the grade underneath the flood vents. Alternatively, you may submit a certification by a registered professional engineer or architect that the design will allow for the automatic equalization of hydrostatic flood forces on exterior walls. A window, a door, or a garage door is not considered an opening.

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B3. State  
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B4. Map/Panel Number

30063C1190

B5. Suffix

D

B6. FIRM Index

Date  
AUGUST 16, 1988

B7. FIRM Panel

Effective/Revised Date  
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B8. Flood

Zone(s)  
X

B9. Base Flood Elevation(s) (Zone  
AO, use base flood depth)  
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☐ FIRM

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☒ Check here if comments are provided on back of form.

Certifier's Name Steven M. Inabnit

License Number MT 9328LS

Professional Land Surveyor

Company Name Eli & Associates, Inc.

Address 5475 Alloy South

City Missoula

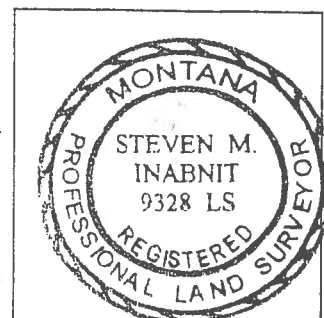
State MT ZIP Code 54808

Signature Steven M. Inabnit, P.L.S.

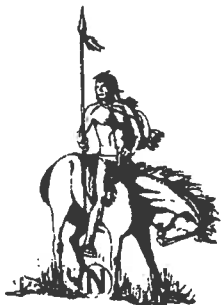
Date

3/11/2008

Telephone 406-549-5022



# ELEVATION CERTIFICATE EXHIBIT



ELEVATION CERTIFICATE EXHIBIT FOR LOT 6, RIVERWALK ESTATES  
S14, T13N, R20W, PMM, MISSOULA COUNTY, MONTANA  
ELI PROJECT NO. 08-6777 PLAT DRAWN: MARCH 12, 2008  
PREPARED FOR: AARON HILL

**Eli & Associates, Inc.**  
PROFESSIONAL LAND SURVEYORS, ENGINEERS, & LAND PLANNERS  
P.O. BOX 16462, MISSOULA, MONTANA 59808  
(406) 549-5022; FAX (406) 549-5088

5475 Alloy South, Missoula, MT 59808  
P.O. Box 16462, Missoula, MT 59808  
phone (406) 549-5022  
fax (406) 549-5088  
www.elisurvey.com

## *Eli & Associates, Inc.*

Aaron Hill  
P.O. Box 3876  
Missoula, MT 59806

March 11, 2008

re: Site Map & Elevation Certificate for Lot 6 of RIVERWALK ESTATES

Aaron,

Please find enclosed copies of the Site Map and Elevation Certificate.

The Elevation Certificate was prepared at your request to satisfy the requirements for a building permit. Item A7 (Building Diagram Number) was obtained from construction plans you provided. Please notify me if this is an incorrect depiction of the proposed structure. An extra copy for the Building Department has been included.

The site map has the elevation of the temporary bench marks (lot corners) and the calculated base flood elevation shown. The lathe marking the lot corners were also marked with the temporary bench mark elevation.

Thank you for choosing Eli & Associates for your survey needs! The final statement will follow.

Sincerely,



Robert B. Patterson, LSI  
Eli & Associates, Inc.

RECEIVED

APR 07 2008