# ELEVATION CERTIFICATE

## Important: Read the instructions on pages 1–9.

### SECTION A – PROPERTY INFORMATION

<table>
<thead>
<tr>
<th>A1. Building Owner’s Name</th>
<th>Ellen C. Miller</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No. or P.O. Route and Box No.)</td>
<td>1018 2nd Street SE</td>
</tr>
<tr>
<td>City</td>
<td>Cedar Rapids</td>
</tr>
<tr>
<td>State</td>
<td>IA</td>
</tr>
<tr>
<td>ZIP Code</td>
<td>52401</td>
</tr>
</tbody>
</table>

**A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)**

**Tax Parcel#** 14281-88018-00000

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

**A5. Latitude/Longitude:** Lat: N41°970827° Long: W91°660054°

**Horizontal Datum:** NAD 1927

**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):**

- Square footage of crawlspace or enclosure(s) **484** sq ft
- Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade **3**
- Total net area of flood openings in A8.a **600** sq in
- Engineered flood openings? **Yes**

**A9. For a building with an attached garage:**

- Square footage of attached garage **NA** sq ft
- Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade **NA**
- Total net area of flood openings in A9.b **NA** sq in
- Engineered flood openings? **No**

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

<table>
<thead>
<tr>
<th>B1. NFIP Community Name &amp; Community Number</th>
<th>Cedar Rapids, City of / 190187</th>
</tr>
</thead>
<tbody>
<tr>
<td>B2. County Name</td>
<td>Linn</td>
</tr>
<tr>
<td>B3. State</td>
<td>Iowa</td>
</tr>
</tbody>
</table>

**B4. Map/Panel Number** 19113C0410

**B5. Suffix** D

**B6. FIRM Index Date** 4-5-2010

**B7. FIRM Panel Effective/Revised Date** 4-5-2010

**B8. Flood Zone(s)** AE

**B9. Base Flood Elevation(s) (Zone AO, use base flood depth)** 722.6

**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: _____

**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

### 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.


**Benchmark Utilized:** Cedar Rapids Harr

**Vertical Datum:** NAVD 1988

**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) **720.0** feet **720.0** meters
- b) Top of the next higher floor **725.7** feet **725.7** meters
- c) Bottom of the lowest horizontal structural member (V Zones only) **NA** feet **NA** meters
- d) Attached garage (top of slab) **NA** feet **NA** meters
- e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) **723.8** feet **723.8** meters
- f) Lowest adjacent (finished) grade next to building (LAG) **719.5** feet **719.5** meters
- g) Highest adjacent (finished) grade next to building (HAG) **723.8** feet **723.8** meters
- h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support **NA** feet **NA** 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.

**Certifier’s Name:** S. Michael Brain, PE & LS

**License Number:** 9647

**Title:** Land Surveyor

**Company Name:** Brain Engineering, Inc.

**Address:** 1540 Midland Court NE

**City:** Cedar Rapids

**State:** IA

**ZIP Code:** 52402

**Date:** 1/18/2016

**Telephone:** 319-294-9424

[Signature]

[License Seal]

FEMA Form 086-0-33 (7/12) See reverse side for continuation. Replaces all previous editions.
SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Comments: C2.e) Lowest equipment is electrical panel. A8.d) SMART Vent is model 1540-524

Signature: ___________________________ Date: 1/18/2016

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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Measurement</th>
<th>Above HAG</th>
<th>Below HAG</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1.a</td>
<td>Top of bottom floor (including basement, crawlspace, or enclosure)</td>
<td>feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E1.b</td>
<td>Top of bottom floor (including basement, crawlspace, or enclosure)</td>
<td>feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E2</td>
<td>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</td>
<td>feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td>Attached garage (top of slab)</td>
<td>feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E4</td>
<td>Top of platform of machinery and/or equipment servicing the building is</td>
<td>feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E5</td>
<td>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?</td>
<td></td>
<td></td>
<td>Yes</td>
</tr>
</tbody>
</table>

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

Signature

Comments

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.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>G1</td>
<td>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.)</td>
</tr>
<tr>
<td>G2</td>
<td>A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.</td>
</tr>
<tr>
<td>G3</td>
<td>The following information (Items G4–G10) is provided for community floodplain management purposes.</td>
</tr>
</tbody>
</table>

G4. Permit Number

G5. Date Permit Issued

G6. Date Certificate Of Compliance/Occupancy Issued

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

Community Name

Signature

Comments

Check here if attachments.
If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 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.” When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
1016 2nd Street SE
City Cedar Rapids State IA ZIP Code 52401

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

Garage door vents 1/25/16