FEMA

National Flood Insurance Program

ELEVATION CERTIFICATE

AND

INSTRUCTIONS

2015 EDITION
U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

ELEVATION CERTIFICATE AND INSTRUCTIONS

Paperwork Reduction Act Notice

Public reporting burden for this data collection is estimated to average 3.75 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and submitting this form. You are not required to respond to this collection of information unless a valid OMB control number is displayed on this form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 1800 South Bell Street, Arlington, VA 20598-3005, Paperwork Reduction Project (1660-0008). NOTE: Do not send your completed form to this address.

Privacy Act Statement

Authority: Title 44 CFR § 61.7 and 61.8.

Principal Purpose(s): This information is being collected for the primary purpose of estimating the risk premium rates necessary to provide flood insurance for new or substantially improved structures in designated Special Flood Hazard Areas.

Routine Use(s): The information on this form may be disclosed as generally permitted under 5 U.S.C. § 552a(b) of the Privacy Act of 1974, as amended. This includes using this information as necessary and authorized by the routine uses published in DHS/FEMA-003 – National Flood Insurance Program Files System or Records Notice 73 Fed. Reg. 77747 (December 19, 2008); DHS/FEMA/NFIP/LOMA-1 – National Flood Insurance Program (NFIP) Letter of Map Amendment (LOMA) System of Records Notice 71 Fed. Reg. 7990 (February 15, 2006); and upon written request, written consent, by agreement, or as required by law.

Disclosure: The disclosure of information on this form is voluntary; however, failure to provide the information requested may result in the inability to obtain flood insurance through the National Flood Insurance Program or the applicant may be subject to higher premium rates for flood insurance. Information will only be released as permitted by law.

Purpose of the Elevation Certificate

The Elevation Certificate is an important administrative tool of the National Flood Insurance Program (NFIP). It is to be used to provide elevation information necessary to ensure compliance with community floodplain management ordinances, to determine the proper insurance premium rate, and to support a request for a Letter of Map Amendment (LOMA) or Letter of Map Revision based on fill (LOMR-F).

The Elevation Certificate is required in order to properly rate Post-FIRM buildings, which are buildings constructed after publication of the Flood Insurance Rate Map (FIRM), located in flood insurance Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, and AR/AO. The Elevation Certificate is not required for Pre-FIRM buildings unless the building is being rated under the optional Post-FIRM flood insurance rules.

As part of the agreement for making flood insurance available in a community, the NFIP requires the community to adopt floodplain management regulations that specify minimum requirements for reducing flood losses. One such requirement is for the community to obtain the elevation of the lowest floor (including basement) of all new and substantially improved buildings, and maintain a record of such information. The Elevation Certificate provides a way for a community to document compliance with the community’s floodplain management ordinance.

Use of this certificate does not provide a waiver of the flood insurance purchase requirement. Only a LOMA or LOMR-F from the Federal Emergency Management Agency (FEMA) can amend the FIRM and remove the Federal mandate for a lending institution to require the purchase of flood insurance. However, the lending institution has the option of requiring flood insurance even if a LOMA/LOMR-F has been issued by FEMA. The Elevation Certificate may be used to support a LOMA or LOMR-F request. Lowest floor and lowest adjacent grade elevations certified by a surveyor or engineer will be required if the certificate is used to support a LOMA or LOMR-F request. A LOMA or LOMR-F request must be submitted with either a completed FEMA MT-EZ or MT-1 package, whichever is appropriate.

This certificate is used only to certify building elevations. A separate certificate is required for floodproofing. Under the NFIP, non-residential buildings can be floodproofed up to or above the Base Flood Elevation (BFE). A floodproofed building is a building that has been designed and constructed to be watertight (substantially impermeable to floodwaters) below the BFE. Floodproofing of residential buildings is not permitted under the NFIP unless FEMA has granted the community an exception for residential floodproofed basements. The community must adopt standards for design and construction of floodproofed basements before FEMA will grant a basement exception. For both floodproofed non-residential buildings and residential floodproofed basements in communities that have been granted an exception by FEMA, a floodproofing certificate is required.


FEMA Form 086-0-33 (Revised 7/15) Replaces all previous editions.
# ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1–9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

## SECTION A – PROPERTY INFORMATION

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1. Building Owner’s Name</td>
<td>Helen McSweeney</td>
</tr>
<tr>
<td>A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.)</td>
<td>1000 Willow Road</td>
</tr>
<tr>
<td>City, State, ZIP Code</td>
<td>Winnetka, Illinois, 60093</td>
</tr>
<tr>
<td>A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)</td>
<td>PIN 05-20-306-002</td>
</tr>
<tr>
<td>A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)</td>
<td>Residential</td>
</tr>
<tr>
<td>A5. Latitude/Longitude:</td>
<td>Lat. 42-06-02, Long. 87-44-30</td>
</tr>
<tr>
<td>Horizontal Datum:</td>
<td>NAD 1927, NAD 1983</td>
</tr>
<tr>
<td>A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.</td>
<td></td>
</tr>
<tr>
<td>A7. Building Diagram Number</td>
<td>2A</td>
</tr>
<tr>
<td>A8. For a building with a crawlspace or enclosure(s):</td>
<td></td>
</tr>
<tr>
<td>a) Square footage of crawlspace or enclosure(s)</td>
<td>sq ft</td>
</tr>
<tr>
<td>b) Number of permanent flood openings in the crawlspace or enclosure(s)</td>
<td>within 1.0 foot above adjacent grade</td>
</tr>
<tr>
<td>c) Total net area of flood openings in A8.b</td>
<td>sq in</td>
</tr>
<tr>
<td>d) Engineered flood openings?</td>
<td>Yes, No</td>
</tr>
<tr>
<td>A9. For a building with an attached garage:</td>
<td></td>
</tr>
<tr>
<td>a) Square footage of attached garage</td>
<td>sq ft</td>
</tr>
<tr>
<td>b) Number of permanent flood openings in the attached garage</td>
<td>within 1.0 foot above adjacent grade</td>
</tr>
<tr>
<td>c) Total net area of flood openings in A9.b</td>
<td>sq in</td>
</tr>
<tr>
<td>d) Engineered flood openings?</td>
<td>Yes, No</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1. NFIP Community Name &amp; Community Number</td>
<td>Village of Winnetka 170176</td>
</tr>
<tr>
<td>B2. County Name</td>
<td>Cook</td>
</tr>
<tr>
<td>B3. State</td>
<td>Illinois</td>
</tr>
<tr>
<td>B4. Map/Panel Number</td>
<td>C0251</td>
</tr>
<tr>
<td>B5. Suffix</td>
<td>J</td>
</tr>
<tr>
<td>B6. FIRM Index Date</td>
<td></td>
</tr>
<tr>
<td>B7. FIRM Panel Effective/Revised Date</td>
<td>08/19/2008</td>
</tr>
<tr>
<td>B8. Flood Zone(s)</td>
<td>X, X, SH, AE</td>
</tr>
<tr>
<td>B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)</td>
<td>625.3'</td>
</tr>
<tr>
<td>B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:</td>
<td>X FIS Profile, FIRM, Community Determined, Other/Source:</td>
</tr>
<tr>
<td>B11. Indicate elevation datum used for BFE in Item B9:</td>
<td>XGVD 1929, NAVD 1988, Other/Source:</td>
</tr>
<tr>
<td>B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?</td>
<td>Yes, X No, CBRS, OPA</td>
</tr>
</tbody>
</table>
**ELEVATION CERTIFICATE**

**SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)**

**C1. Building elevations are based on:**
- [ ] Construction Drawings*
- [ ] Building Under Construction*
- [X] Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.


Complete items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

- **Benchmark Utilized:** See Comments Section D
- **Vertical Datum:** NAVD 1988

Indicate elevation datum used for the elevations in Items a) through h) below:
- [ ] NGVD 1929
- [X] NAVD 1988
- [ ] Other/Source:

Datum used for building elevations must be the same as that used for the BFE.

<table>
<thead>
<tr>
<th>Item</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Top of bottom floor (including basement, crawlspace, or enclosure floor)</td>
<td>618.39 ft</td>
</tr>
<tr>
<td>b) Top of the next higher floor</td>
<td>629.18 ft</td>
</tr>
<tr>
<td>c) Bottom of the lowest horizontal structural member (V Zones only)</td>
<td>N/A</td>
</tr>
<tr>
<td>d) Attached garage (top of slab)</td>
<td>N/A</td>
</tr>
<tr>
<td>e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)</td>
<td>618.39 ft</td>
</tr>
<tr>
<td>f) Lowest adjacent (finished) grade next to building (LAG)</td>
<td>625.81 ft</td>
</tr>
<tr>
<td>g) Highest adjacent (finished) grade next to building (HAG)</td>
<td>626.10 ft</td>
</tr>
<tr>
<td>h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support</td>
<td>626.27 ft</td>
</tr>
</tbody>
</table>

**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.

Were latitude and longitude in Section A provided by a licensed land surveyor? [ ] Yes [ ] No

Check here if attachments.

<table>
<thead>
<tr>
<th>Certifier's Name</th>
<th>License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brian M Carlson</td>
<td>035-002913</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>Company Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Surveyor</td>
<td>Daniel Cramner Company</td>
<td>450 Skokie Boulevard</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>City</th>
<th>State</th>
<th>ZIP Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northbrook</td>
<td>Illinois</td>
<td>60062</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brian M Carlson</td>
<td>06/20/2016</td>
<td>(847) 480-5757</td>
</tr>
</tbody>
</table>

Comments (including type of equipment and location, per C2(e), if applicable)

The air conditioning units are elevated 1.3’ above ground at the Southwest corner of the building attached to the outside wall of the building. The water heater and HVAC units are in the basement.

The benchmark used was taken from tie sheet for the center of section 20 T.42 N., R.13 E., 3rd P.M., Cook County, IL prepared by Raymond R. Hansen, P.L.S 035-002542, dated 10/29/2008.
ELEVATION CERTIFICATE

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. | FOR INSURANCE COMPANY USE |
| 1000 Willow Road | Policy Number: |

| City | State | ZIP Code | Company NAIC Number |
| Winnetka | Illinois | 60093 | |

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 1–2 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 or Owner’s Authorized Representative’s Name
Helen McSweeney

| Address | City | State | ZIP Code |
| 1000 Willow Road | Winnetka | Illinois | 60093 |

Signature Date Telephone

Comments

☐ Check here if attachments.
ELEVATION CERTIFICATE

FOR INSURANCE COMPANY USE

Policy Number:  
Company NAIC Number:  

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.

<table>
<thead>
<tr>
<th>G4. Permit Number</th>
<th>G5. Date Permit Issued</th>
<th>G6. Date Certificate of Compliance/Occupancy Issued</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>G7. This permit has been issued for:</th>
<th>□ New Construction  □ Substantial Improvement</th>
</tr>
</thead>
</table>

G8. Elevation of as-built lowest floor (including basement) of the building:  

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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<tbody>
<tr>
<td></td>
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</tbody>
</table>

G9. BFE or (in Zone AO) depth of flooding at the building site:  

<p>| | | |</p>
<table>
<thead>
<tr>
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<tbody>
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</table>

G10. Community's design flood elevation:  

<p>| | | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Local Official's Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Susan Chen, PE</td>
<td>Asst. Village Engineer</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Community Name</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Village of Winnetka</td>
<td>6-17-2019</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Susan Chen</td>
<td></td>
</tr>
</tbody>
</table>

Comments (including type of equipment and location, per C2(e), if applicable)  

Revised Sections: B8j and B10

☐ Check here if attachments.
1000 Willow Rd
Winnetka, IL 60093
LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones AE, A, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A
No Base Flood Elevations determined.
ZONE AE
Base Flood Elevations determined.
ZONE AH
Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO
Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR
Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99
Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V
Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE
Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X
Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X
Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D
Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)
Latitude and Longitude of a Point

To find the latitude and longitude of a point **Click** on the map, **Drag** the marker, or enter the...

**Address:** 1000 Willow Road, Winnetka, IL 60093

**Nearby Places of Interest**

**Many points to check? - Try LatLong Trace**

3 steps to Fast Maps & Directions
1. **Click** Start Download
2. **Free Access** - No Sign up!
3. **Get** Free Directions & Maps

**Latitude and Longitude of a Point**

Use this if you know the latitude and longitude of a point and want to see where on the map it is.

**Use:** + for N Lat or E Long  - for S Lat or W Long

Clear / Reset  Remove Last Blue Marker  Center Red Marker
When you click on the map, move the marker or enter an address the latitude and longitude coordinates of the point are inserted in the boxes below.

| Latitude: | 42.100588 |
| Longitude: | -87.741815 |

<table>
<thead>
<tr>
<th>Degrees</th>
<th>Minutes</th>
<th>Seconds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latitude:</td>
<td>42</td>
<td>6</td>
</tr>
<tr>
<td>Longitude:</td>
<td>-87</td>
<td>44</td>
</tr>
</tbody>
</table>

**Example:** +40.689060 -74.044636

**Note:** Your entry should not have any embl

Decimal Deg. Latitude:

Decimal Deg. Longitude:

[Show Point]

**Example:** +34 40 50.12 for 34N 40' 50.

<table>
<thead>
<tr>
<th>Degrees</th>
<th>Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latitude:</td>
<td></td>
</tr>
<tr>
<td>Longitude:</td>
<td></td>
</tr>
</tbody>
</table>

[Show Point]

© iTouchMap.com 2007-2015
+1000 Willow Road, Winnetka, Illinois.

C.E.

C.B. 625.63

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