

ELEVATION CERTIFICATE

IMPORTANT: Follow the instructions on pages 1-9.

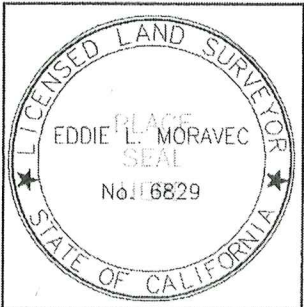
OMB No. 1660-0008
Expiration Date: July 31, 2015

| SECTION A - PROPERTY INFORMATION | | FOR INSURANCE COMPANY USE |
|--|---|--|
| A1. Building Owner's Name Christina Huben | | Policy Number: |
| A2. Building Street Address (Including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 25450 County Road 96 | | Company NAIC Number: |
| City Davis | State CA | ZIP Code 95618 |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Within NE 1/4 Sec. 3, T. 8 N., R. 1 E. M.D.M. APN 037-020-034-000 | | |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential | | |
| A5. Latitude/Longitude: Lat. 38.56934 Long. -121.84074 | | 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 8 | | |
| A8. For a building with a crawlspace or enclosure(s): | | A9. For a building with an attached garage: |
| a) Square footage of crawlspace or enclosure(s) 1920 sq ft | a) Square footage of attached garage n/a sq ft | |
| b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 3 | b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade | |
| c) Total net area of flood openings in A8.b 231 sq in | c) Total net area of flood openings in A9.b | |
| d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No | |

| SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION | | | | | |
|---|------------------------|--|--|--------------------------------|--|
| B1. NFIP Community Name & Community Number Yolo County 060423 | | | B2. County Name Yolo County | | B3. State CA |
| B4. Map/Panel Number 0580 | B5. Suffix G | B6. FIRM Index Date 06/18/2010 | B7. FIRM Panel Effective/Revised Date 06/18/2010 | B8. Flood Zone(s) AE | B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 86.5 |
| B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: | | | | | |
| B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: | | | | | |
| B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input type="checkbox"/> No Designation Date: / / <input type="checkbox"/> CBRS <input type="checkbox"/> OPA | | | | | |

| SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED) | | |
|--|-------------|--|
| C1. Building elevations are based on: <input type="checkbox"/> Construction Drawings* <input type="checkbox"/> Building Under Construction* <input checked="" type="checkbox"/> 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: Static GPS - see attached OPUS report Vertical Datum: 85.61 feet at on-site random BM | | |
| Indicate elevation datum used for the elevations in items a) through h) below. <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> 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) | 88.5 | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| b) Top of the next higher floor | n/a | <input type="checkbox"/> feet <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | n/a | <input type="checkbox"/> feet <input type="checkbox"/> meters |
| d) Attached garage (top of slab) | n/a | <input type="checkbox"/> feet <input type="checkbox"/> meters |
| e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) | 87.8 | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | 86.1 | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG) | 87.1 | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | 86.1 | <input checked="" type="checkbox"/> feet <input type="checkbox"/> 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. | | | |
| <input checked="" type="checkbox"/> Check here if comments are provided on back of form. | | Were latitude and longitude in Section A provided by a licensed land surveyor? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| <input checked="" type="checkbox"/> Check here if attachments. | | | |
| Certifier's Name Eddie L. Moravec | | License Number California LS 6829 | |
| Title Consultant | | Company Name Eddie Lee Moravec, Land Surveyor | |
| Address 1917 East 8th Street #9 | | City Davis | State CA |
| Signature <i>Eddie L. Moravec</i> | | Date 04/28/2016 | ZIP Code 95616 |
| | | Telephone (530) 400-1330 | |



BP2016-0308 / PP7116-0099

PREVIOUSLY
APR 29 2016
SCANNED
RECEIVED
APR 29 2016
Planning and
Public Works

ELEVATION CERTIFICATE, page 2

| | | | |
|--|-------------|-------------------|----------------------------------|
| 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 PO. Route and Box No. 25450 County Road 96 | | | Policy Number: |
| City Davis | State CA | ZIP Code 95618 | 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 A8: Crawlspace grade appears to be at LAG of 87.1 on at least one side. C2a: Finished-floor elevation. C2e: A.C. unit pad elevation.
Elevation of random on-site benchmark was obtained by Rapid-Static GPS observation. NGS On-Line Positioning User Service (OPUS) report is attached, per instructions.

Signature *Eddie J. Moravec* Date 04/28/2016

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.

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 HAG.

E2. 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 _____ . _____ 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 _____

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–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.

| | | |
|-------------------|------------------------|---|
| 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 _____ Title _____

Community Name _____ Telephone _____

Signature _____ Date _____

Comments _____

Check here if attachments.

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

| | | | |
|---|-------------|-------------------|----------------------------------|
| 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. 25450 County Road 96 | | | Policy Number: |
| City Davis | State CA | ZIP Code 95618 | Company NAIC Number: |

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.

Front Looking Northeast



Rear Looking Southeast



FILE: CH010620.160 OP1457202694275

NGS OPUS-RS SOLUTION REPORT

All computed coordinate accuracies are listed as 1-sigma RMS values.
For additional information: <http://www.ngs.noaa.gov/OPUS/about.jsp#accuracy>

USER: eddiemoravec@comcast.net DATE: March 05, 2016
RINEX FILE: ch01062r.160 TIME: 18:38:23 UTC

SOFTWARE: rsgps 1.37 RS92.prl 1.99.2 START: 2016/03/02 17:37:45
EPHEMERIS: igr18863.eph [rapid] STOP: 2016/03/02 19:16:45
NAV FILE: brdc0620.16n OBS USED: 9765 / 10746 : 91%
ANT NAME: CHCX90D-OPUS NONE QUALITY IND. 53.85/ 99.15
ARP HEIGHT: 1.9416 NORMALIZED RMS: 0.215

REF FRAME: NAD_83(2011) (EPOCH:2010.0000) IGS08 (EPOCH:2016.16877)

X: -2634334.397(m) 0.015(m) -2634335.313(m) 0.015(m)
Y: -4241831.013(m) 0.018(m) -4241829.687(m) 0.018(m)
Z: 3955034.352(m) 0.020(m) 3955034.323(m) 0.020(m)

LAT: 38 34 9.09182 0.009(m) 38 34 9.10409 0.009(m)
E LON: 238 9 29.46698 0.007(m) 238 9 29.40593 0.007(m)
W LON: 121 50 30.53302 0.007(m) 121 50 30.59407 0.007(m)
EL HGT: -5.136(m) 0.028(m) -5.657(m) 0.028(m)
ORTHO HGT: 26.094(m) 0.036(m) [NAVD88 (Computed using GEOID12B)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 10) SPC (0402 CA 2)
Northing (Y) [meters] 4269606.974 600197.777
Easting (X) [meters] 600896.152 2013785.099
Convergence [degrees] 0.72214223 0.09973080
Point Scale 0.99972536 0.99995488
Combined Factor 0.99972617 0.99995569

US NATIONAL GRID DESIGNATOR: 10SFH0089669606(NAD 83)

BASE STATIONS USED

| PID | DESIGNATION | LATITUDE | LONGITUDE | DISTANCE (m) |
|--------|-------------|-------------------|-----------------------------------|--------------|
| DN7574 | P267 | DIXONAVIATCN2005 | CORS ARP N382249.194 W1214923.591 | 21027.2 |
| DK4683 | P268 | FINCHFARMGCN2005 | CORS ARP N382824.681 W1213847.027 | 20080.0 |
| DG8213 | P271 | WOODLAND1_CA2004 | CORS ARP N383926.448 W1214252.326 | 14786.9 |
| DO2386 | BR1B | BRIONES RESERVOIR | CORS ARP N375509.846 W1220909.139 | 77087.4 |
| DG8210 | P261 | HUNTERHILLCN2004 | CORS ARP N380910.643 W1221303.088 | 56684.0 |
| DK6396 | P206 | CRAZYCREEKCN2006 | CORS ARP N384640.128 W1223432.803 | 67942.3 |
| DM7545 | P270 | HOPKINSLGHGN2005 | CORS ARP N391437.558 W1220318.713 | 77139.7 |
| DN7569 | P256 | FALLMANPRPCN2005 | CORS ARP N375555.058 W1213617.369 | 73711.9 |
| DH7229 | P198 | PETALUMAIACN2004 | CORS ARP N381535.534 W1223626.768 | 75165.8 |

NEAREST NGS PUBLISHED CONTROL POINT

DE9129 YOLO COUNTY AIRPORT BASELINE P N383420.346 W1215118.375 1207.9

STATE PLANE COORDINATES - U.S. Survey Foot

SPC (0402 CA 2)
Northing (Y) [feet] 1969148.873
Easting (X) [feet] 6606893.279
Convergence [degrees] 0.09973080
Point Scale 0.99995488
Combined Factor 0.99995569

This position and the above vector components were computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.

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