

BP 981057  
OK (BA) - 124-98

# ELEVATION CERTIFICATE

## FEDERAL EMERGENCY MANAGEMENT AGENCY

### NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077  
Expires July 31, 1999

**ATTENTION:** Use of this certificate does not provide a waiver of the flood insurance purchase requirement. This form is used only to provide elevation information necessary to ensure compliance with applicable community floodplain management ordinances, to determine proper insurance premium rate, and/or to support a request for a Letter of Map Amendment or Revision (LOMA or LOMR). You are not required to respond to this collection of information unless a valid OMB control number is displayed in the upper right corner of this form.

Instructions for completing this form can be found on the following pages. S

<b>SECTION A PROPERTY INFORMATION</b>	FOR INSURANCE COMPANY USE
BUILDING OWNER'S NAME <u>JAMES &amp; CAROLYN McMULLEN</u>	POLICY NUMBER
STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER <u>26213 COUNTY ROAD 96</u>	COMPANY NAIC NUMBER
OTHER DESCRIPTION (Lot and Block Numbers, etc.) <u>APN 37-080-04, YOLO COUNTY</u>	
CITY <u>DAVIS</u>	STATE <u>CA</u>
	ZIP CODE

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

Provide the following from the proper FIRM (See Instructions):

1. COMMUNITY NUMBER <u>060423</u>	2. PANEL NUMBER <u>0575</u>	3. SUFFIX <u>B</u>	4. DATE OF FIRM INDEX <u>Dec. 16, 1980</u>	5. FIRM ZONE <u>A</u>	6. BASE FLOOD ELEVATION (in AO Zones, use depth) <u>—</u>
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7. Indicate the elevation datum system used on the FIRM for Base Flood Elevations (BFE):  NGVD '29  Other (describe on back)
8. For Zones A or V, where no BFE is provided on the FIRM, and the community has established a BFE for this building site, indicate the community's BFE: 118.5 feet NGVD (or other FIRM datum—see Section B, Item 7). *(SEE COMMENTS)*

### SECTION C BUILDING ELEVATION INFORMATION

- Using the Elevation Certificate Instructions, indicate the diagram number from the diagrams found on Pages 5 and 6 that best describes the subject building's reference level 8.
  - FIRM Zones A1-A30, AE, AH, and A (with BFE). The top of the reference level floor from the selected diagram is at an elevation of 118.7 feet NGVD (or other FIRM datum—see Section B, Item 7).
  - FIRM Zones V1-V30, VE, and V (with BFE). The bottom of the lowest horizontal structural member of the reference level from the selected diagram, is at an elevation of        feet NGVD (or other FIRM datum—see Section B, Item 7).
  - FIRM Zone A (without BFE). The floor used as the reference level from the selected diagram is        feet above  or below  (check one) the highest grade adjacent to the building.
  - FIRM Zone AO. The floor used as the reference level from the selected diagram is        feet above  or below  (check one) the highest grade adjacent to the building. If no flood depth number is available, is the building's lowest floor (reference level) elevated in accordance with the community's floodplain management ordinance?  Yes  No  Unknown
- Indicate the elevation datum system used in determining the above reference level elevations:  NGVD '29  Other (describe under Comments on Page 2). (NOTE: If the elevation datum used in measuring the elevations is different than that used on the FIRM [see Section B, Item 7], then convert the elevations to the datum system used on the FIRM and show the conversion equation under Comments on Page 2.)
- Elevation reference mark used appears on FIRM:  Yes  No (See Instructions on Page 4) *ELEVATION FROM USGS QUAD. MAP*
- The reference level elevation is based on:  actual construction  construction drawings  
(NOTE: Use of construction drawings is only valid if the building does not yet have the reference level floor in place, in which case this certificate will only be valid for the building during the course of construction. A post-construction Elevation Certificate will be required once construction is complete.)
- The elevation of the lowest grade immediately adjacent to the building is: 114.3 feet NGVD (or other FIRM datum—see Section B, Item 7). *(BEFORE CONSTRUCTION)*

### SECTION D COMMUNITY INFORMATION

- If the community official responsible for verifying building elevations specifies that the reference level indicated in Section C, Item 1 is not the "lowest floor" as defined in the community's floodplain management ordinance, the elevation of the building's "lowest floor" as defined by the ordinance is:        feet NGVD (or other FIRM datum—see Section B, Item 7).
- Date of the start of construction or substantial improvement \_\_\_\_\_

**SECTION E CERTIFICATION**

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This certification is to be signed by a land surveyor, engineer, or architect who is authorized by state or local law to certify elevation information when the elevation information for Zones A1-A30, AE, AH, A (with BFE), V1-V30, VE, and V (with BFE) is required. Community officials who are authorized by local law or ordinance to provide floodplain management information, may also sign the certification. In the case of Zones AO and A (without a FEMA or community issued BFE), a building official, a property owner, or an owner's representative may also sign the certification.

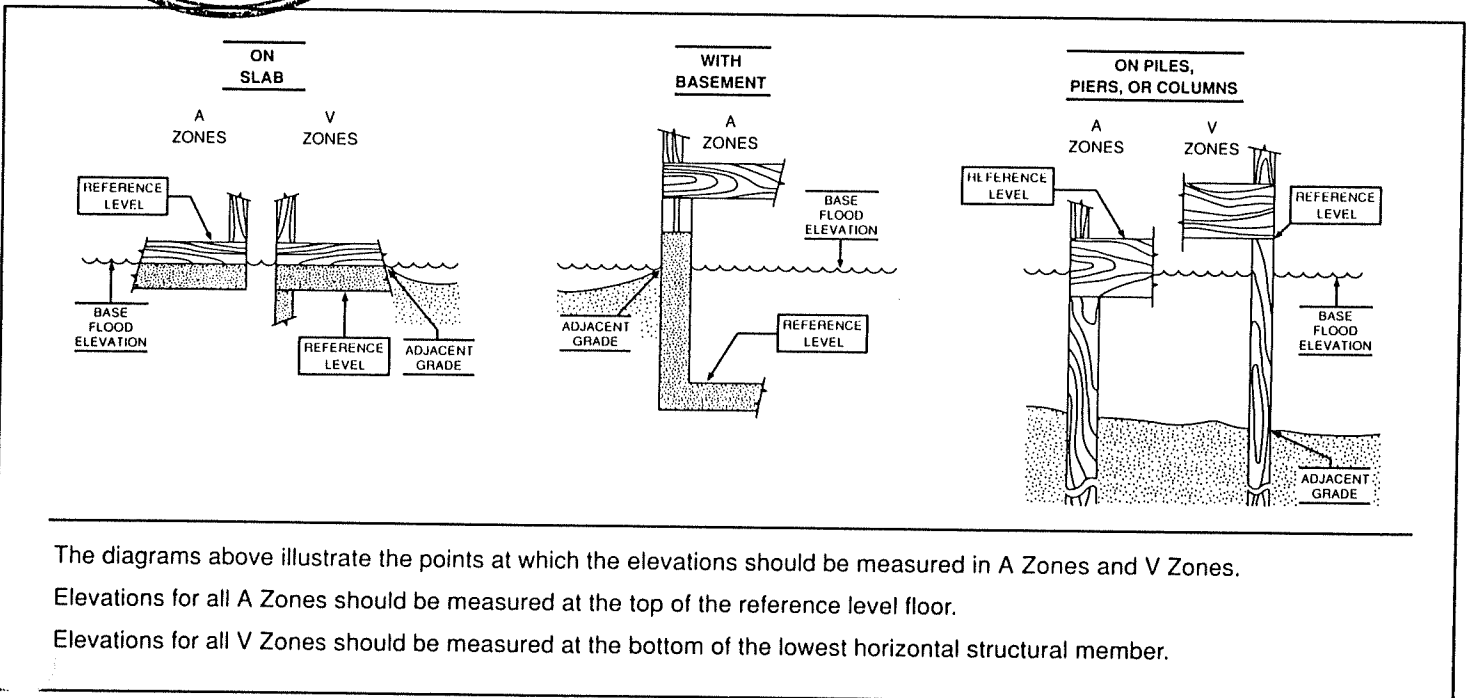
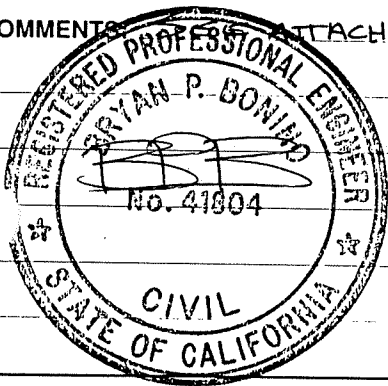
Reference level diagrams 6, 7 and 8 - Distinguishing Features-If the certifier is unable to certify to breakaway/non-breakaway wall, enclosure size, location of servicing equipment, area use, wall openings, or unfinished area Feature(s), then list the Feature(s) not included in the certification under Comments below. The diagram number, Section C, Item 1, must still be entered.

I certify that the information in Sections B and C 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		LICENSE NUMBER (or Affix Seal)		
BRYAN P. BONINO				
TITLE		COMPANY NAME		
SENIOR CIVIL ENGINEER		LAUGHOOR AND MEIKLE		
ADDRESS		CITY	STATE	ZIP
608 COURT STREET		WOODLAND	CA	95695
SIGNATURE		DATE	PHONE	
<i>Bryan P. Bonino</i>		12/3/98	(530) 662-1755	

Copies should be made of this Certificate for: 1) community official, 2) insurance agent/company, and 3) building owner.

COMMENTS: ATTACHED LETTER FOR BFE DETERMINATIONS



The diagrams above illustrate the points at which the elevations should be measured in A Zones and V Zones. Elevations for all A Zones should be measured at the top of the reference level floor. Elevations for all V Zones should be measured at the bottom of the lowest horizontal structural member.

KENNETH C. LAUGENOUR (1895-1970)  
W. L. MEIKLE  
KENNETH E. LERCH  
KEITH R. LESLIE  
RICHARD G. JENNESS

LAUGENOUR AND MEIKLE  
CIVIL ENGINEERS  
608 COURT STREET  
WOODLAND, CALIFORNIA 95695

PHONE 530-662-1755  
FAX 530-662-4602  
P.O. BOX 828  
WOODLAND, CA 95776

September 24, 1998

Mr. David Shaffer  
879 Ridgeview Drive  
Woodland, California 95695

Re: Topographic Survey and Elevation Study for 26213 County Road 96, APN 37-080-04, Yolo County, James F. and Carolyn A. McMullen

Dear David:

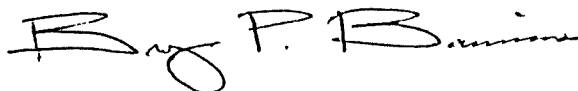
In my original June 20, 1997 letter (see attached) I examined the flood maps and topography for the above referenced project. My recommendation was to set the finished floor at elevation 88.4. This elevation is based on the existing topography and the elevation of County Road 96, not the Zone A flood designation. It was my opinion that the flood pattern for the Zone A flooding as shown on the Flood Insurance Rate Map (FIRM), Community Panel Number 0600423 0575 B, effective December 16, 1980 is incorrect.

The FIRM indicates that Covell Boulevard is the north limit of Zone A for this area. The elevation of Covell Boulevard is at 83.0. The highest point on County Road 96 south of Covell Boulevard is at 87.4. This is 4.4 above the north limits of the Zone A designation. Flood waters in this area would flood the north and south sides of Covell Boulevard and would then proceed to the east following the ground contours (see attached portion of USGS Quad Map). Translating the same flood pattern width to be center on Covell Boulevard and following the existing ground contours it appears that the base flood elevation at County Road 96 and Covell Boulevard is 85.0.

If you have any questions, please call.

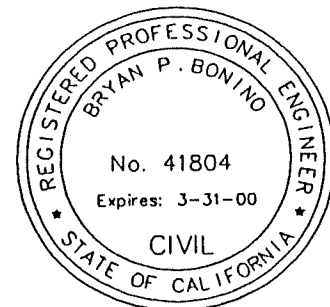
Sincerely,

LAUGENOUR AND MEIKLE



Bryan P. Bonino, P.E.

Enclosure





CP# 9810575

KENNETH C. LAUGENOUR (1895-1970)  
W. L. MEIKLE  
KENNETH E. LERCH  
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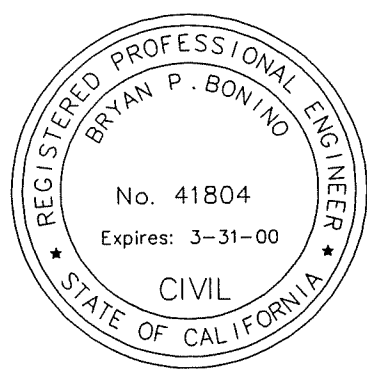
As requested, we have field verified the top of the forms for the concrete foundations for the new building at the above referenced location. We determined that the top of forms were at an elevation of 86.2. This is 1.2-feet above my previous determination of 85.0 for the 100-year flood plain elevation in this area.

If you have any questions, please call.

Sincerely,

LAUGENOUR AND MEIKLE  
  
Bryan P. Bonino, P.E.

Enclosure



OK to use 10-23-98  
with 10/23/98  
Actual elev. 86.2  
to floor level  
