

**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 the 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.

| SECTION A PROPERTY INFORMATION   |  | FOR INSURANCE COMPANY USE     |
|--|--|-------------------------------|
| BUILDING OWNER'S NAME<br><u>Dennis and Valerie Boen</u>  |  | POLICY NUMBER                 |
| STREET ADDRESS (including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER<br><u>33700 Pistol Court</u> |  | COMPANY NAIC NUMBER           |
| OTHER DESCRIPTION (Lot and Block Numbers, etc.)<br><u>Lot 42 Tract 4316</u>  |  |                               |
| CITY<br><u>Fremont</u>   |  | STATE<br><u>California</u>    |
|  |  | ZIP CODE<br><u>94555-2066</u> |
| APN: <u>543-435-118</u>  |  |                               |

SECTION B FLOOD INSURANCE RATE MAP (FIRM) INFORMATION  
 Provide the following from the proper FIRM (See Instructions):

| 1. COMMUNITY NUMBER | 2. PANEL NUMBER | 3. SUFFIX | 4. DATE OF FIRM INDEX | 5. FIRM ZONE    | 6. BASE FLOOD ELEVATION (In AO Zones, use depth) |
|---------------------|-----------------|-----------|-----------------------|-----------------|--|
| <u>065028</u>       | <u>0004</u>     | <u>B</u>  | <u>July 16, 1987</u>  | <u>A1&amp;B</u> | <u>14.5 ±</u>                                    |

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:          feet NGVD (or other FIRM datum—see Section B, Item 7).

**SECTION C BUILDING ELEVATION INFORMATION**

1. 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 1.
- 2(a). 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          feet NGVD (or other FIRM datum—see Section B, Item 7).
- (b). 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).
- (c). 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.
- (d). 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
3. 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.)
4. Elevation reference mark used appears on FIRM:  Yes  No (See Instructions on Page 4)
5. 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.)
6. The elevation of the lowest grade immediately adjacent to the building is:          feet NGVD (or other FIRM datum—see Section B, Item 7).

**SECTION D COMMUNITY INFORMATION**

1. 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).
2. Date of the start of construction or substantial improvement 1985.

FEMA Form 81-31, MAR 97

REPLACES ALL PREVIOUS EDITIONS

SEE REVERSE SIDE FOR CONTINUATION

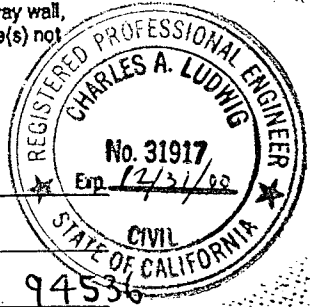
**SECTION E CERTIFICATION**

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.

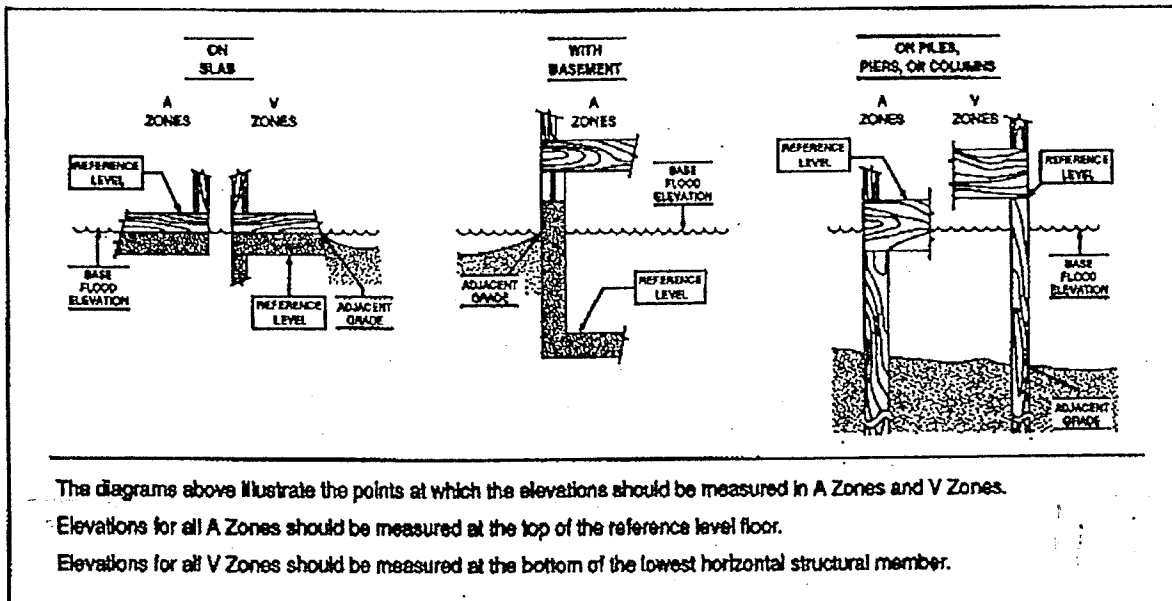
I certify that the information in Sections B and C on this certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CERTIFIER'S NAME: Charles Ludwig LICENSE NUMBER (or A/E/S Seal): RCE 31917  
 TITLE: President COMPANY NAME: Fremont Engineers Inc.  
 ADDRESS: 4551 Eggers Dr. CITY: Fremont STATE: CA ZIP: 94536  
 SIGNATURE: Charles Ludwig DATE: 11/16/98 PHONE: 510-792-1817



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

COMMENTS: Benchmark used was City of Fremont "F-215" a brass disk in the top of curb @ corner of the storm water inlet, 32.6' west southwest of the centerline of Deep Creek Rd, 64.4' South southeast of the centerline of Fallstaff Rd. Elev.: 14.72 NGVD 1929



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.



FEMA USE ONLY

ELEVATION INFORMATION

This form must be completed by a registered professional engineer or licensed land surveyor.  
(See page 6 of instructions for details.)

1. Community Name: Fremont, California
2. Legal Description of Property: Lot 42 Tract 4316  
33700 Pistol Court, APN: 543-435-118
3. Flooding Source: Alameda County Flood Control Line K (Zone 5)
4. Based on the FIRM, this property is located in Zone(s) A1 and B
5. Is any portion of this property located in the adopted regulatory floodway? No  
Are any structures (existing or proposed) located in the regulatory floodway? No.
6. Is this area subject to land subsidence or uplift? None known If yes, what is the date of the current releveling? \_\_\_\_\_
7. What is the BFE for this property? (Provide elevation to nearest tenth of a foot and datum)\*  
14.5 ±
8. How was the BFE determined (attach a copy of the Flood Profile or table from the FIS report, if appropriate, or other necessary supporting information)?  
Interpolation between given base flood elevation lines on FIRM Map  
065028 0004 B dated May 2, 1983  
(a portion of map is attached)

\*For multiple lots/structures, complete the Summary of Elevations—Individual Lot Breakdown form, identifying the elevation for each lot/structure.

9. If this request is to remove the SFHA designation from a parcel of land or lot(s), what is the existing or proposed elevation of the lowest grade; that is, the lowest ground on the property? (Provide elevation to nearest tenth of a foot and datum)\* 14.5
10. If this request is to remove the SFHA designation from a structure(s), what is the elevation of the existing or proposed lowest adjacent grade; that is, the lowest ground touching the structure? (Provide elevation to nearest tenth of a foot and datum)\* 16.2
11. If fill has been/will be placed to elevate the structure(s) on this property, what is the existing or proposed elevation of the lowest floor, including basement? (Provide elevation to nearest tenth of a foot and datum)\* 16.8

\*For multiple lots/structures, complete the appropriate column(s) of the Summary of Elevations—Individual Lot Breakdown form, identifying the elevation for each lot/structure.

12. All information submitted in support of this request is correct to the best of my knowledge. I understand that any false statement may be punishable by fine or imprisonment under Title 18 of the United States Code, Section 1001.

Name: Charles Ludwig  
(please print or type)

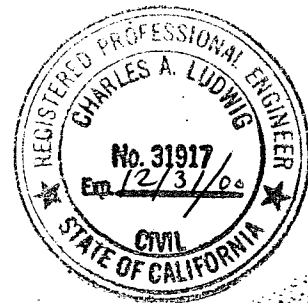
Title: president of Fremont Engineers Inc.  
(please print or type)

Registration No. RCE 31917 Expiration Date: 12/31/00

State California

Charles Ludwig  
Signature

11/16/98  
Date

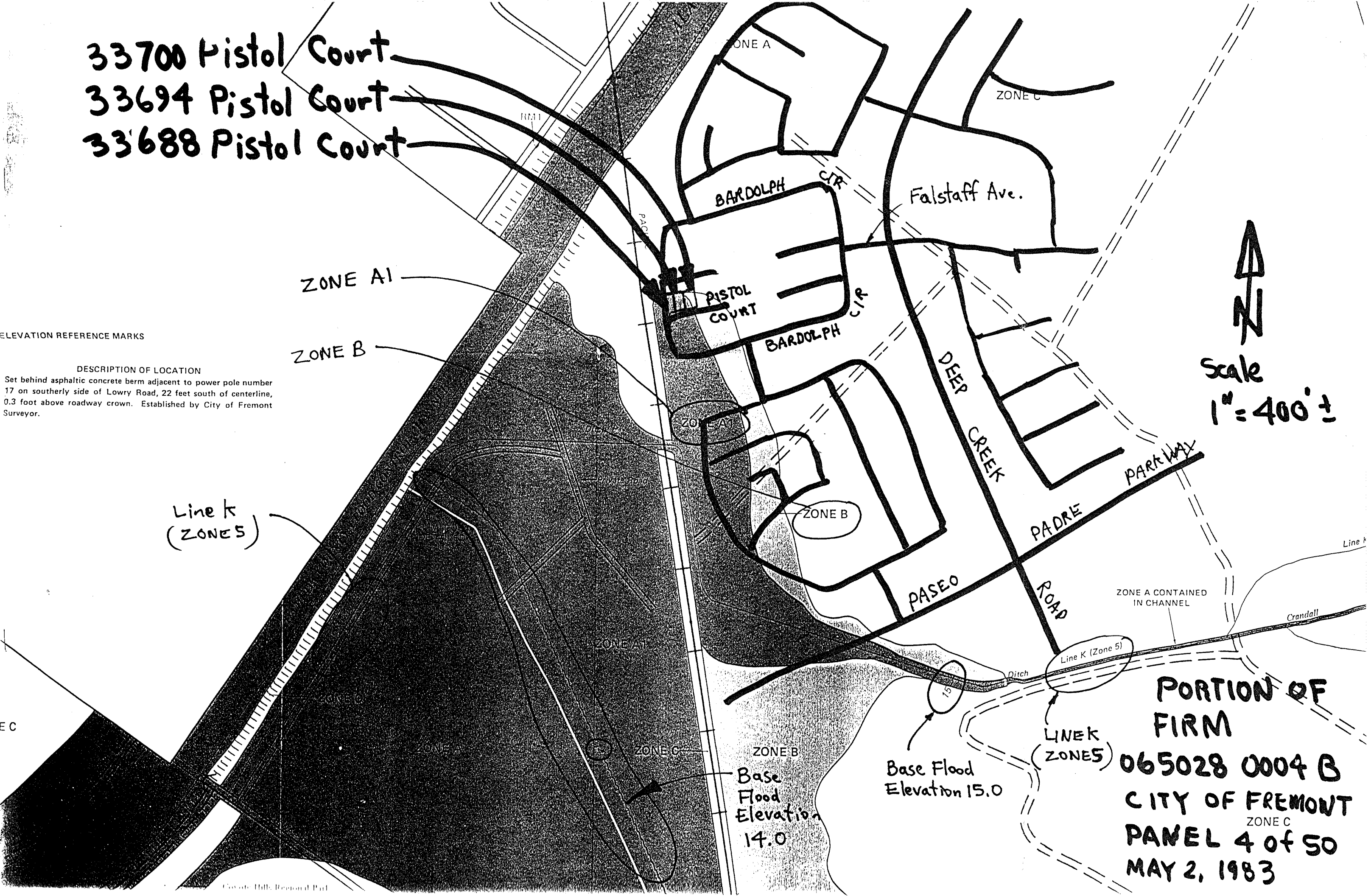


Seal (Optional)

33700 Pistol Court  
 33694 Pistol Court  
 33688 Pistol Court

ELEVATION REFERENCE MARKS

DESCRIPTION OF LOCATION  
 Set behind asphaltic concrete berm adjacent to power pole number 17 on southerly side of Lowry Road, 22 feet south of centerline, 0.3 foot above roadway crown. Established by City of Fremont Surveyor.



Scale  
 1" = 400' ±

PORTION OF FIRM  
 065028 0004 B  
 CITY OF FREMONT  
 ZONE C  
 PANEL 4 of 50  
 MAY 2, 1983

Base Flood Elevation 14.0

Base Flood Elevation 15.0

Line K (ZONES)

LINE K (ZONES)

ZONE A CONTAINED IN CHANNEL

IEC