

# ELEVATION CERTIFICATE

## FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE PROGRAM

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

SECTION A PROPERTY INFORMATION	FOR INSURANCE COMPANY USE
BUILDING OWNER'S NAME <b>BIPIN &amp; GEETA PATEL</b>	POLICY NUMBER
STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER <b>33531 BARDOLPH CIRCLE</b>	COMPANY NAIC NUMBER
OTHER DESCRIPTION (Lot and Block Numbers, etc.) <b>Lot 24 of Tract 4316, Bk 129 Maps Page 72 thru 78 Alameda County Records</b>	
CITY <b>Fremont</b>	STATE <b>CA</b>
	ZIP CODE <b>94555</b>

### 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)
065028	0004	B	July 16, 1987	A1	14.5

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).

\*Based on "as built" pad elevations taken 10/5/81

### 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 \_\_\_\_\_

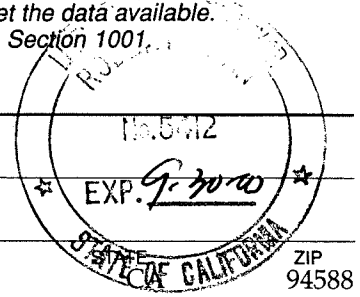
**SECTION E CERTIFICATION**

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.

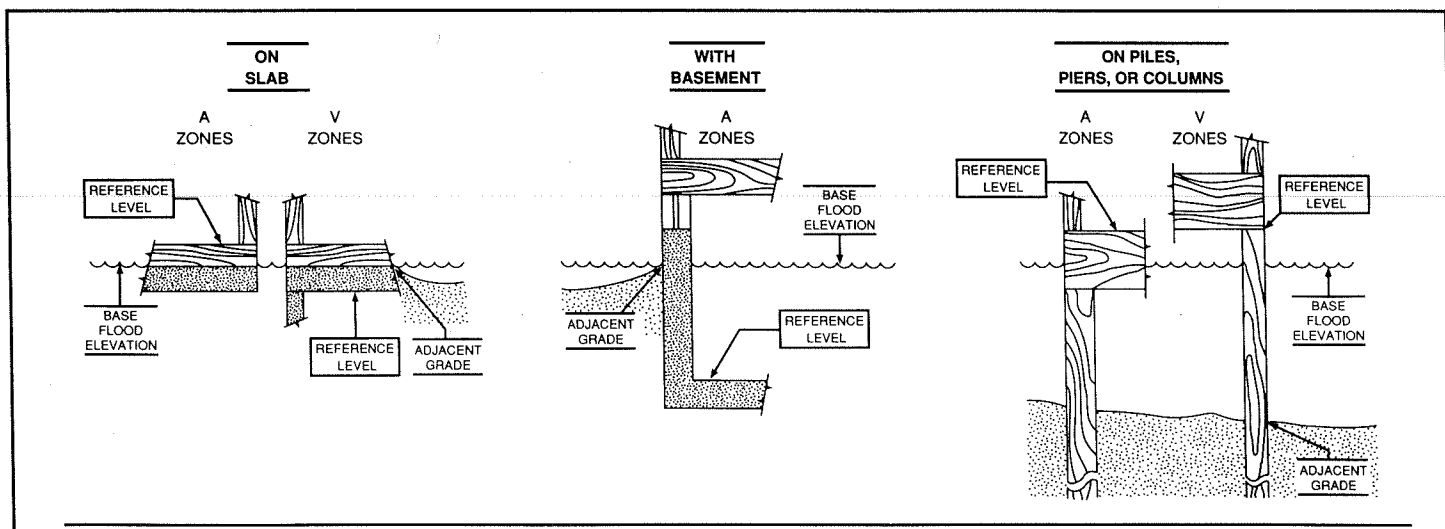
*I certify that the information in Sections B and C on this certificate represents my best efforts to interpret the data available.  
I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

CERTIFIER'S NAME <b>Bob Chan</b>	LICENSE NUMBER (or Affix Seal) <b>LS5412</b>
TITLE <b>Operations Manager</b>	COMPANY NAME <b>MacKay &amp; Soms Civil Engineers, Inc.</b>
ADDRESS <b>5142 Franklin Drive, Suite B</b>	CITY <b>Pleasanton</b>
SIGNATURE 	DATE <b>12/21/98</b> PHONE <b>(925) 225-0690</b>



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

**COMMENTS:** #3 Elevation datum per City of Fremont elevation datum which is based on the National Geodetic Survey benchmarks. The National Geodetic Survey benchmarks were derived from the National Geodetic Vertical Datum of 1929 (NGVD), therefore, no conversation is necessary.



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.

**PUBLIC BURDEN DISCLOSURE NOTICE**

Public reporting burden for this form is estimated to average .63 hour per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing and reviewing the form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden, to: Information Collections Management, Federal Emergency Management Agency, 500 C Street, S.W., Washington, DC 20472: and to the Office of Management and Budget, Paperwork Reduction Project (3067-0147), Washington, DC 20503.

This form must be completed by a licensed land surveyor or registered professional engineer. These forms should not be used for requests involving Channelization, Bridges/Culverts, or Fill in the FEMA-Designated Floodway. Forms entitled Revisions to National Flood Insurance Program Maps (MT-2) should be used. The Elevation Information Form must be included for all request, unless the request is for a determination in which the FIRM already shows the property to be CLEARLY outside the SFHA. Cases in which the determination for the property or structure is uncertain will require the submittal of elevation data to provide a definitive determination. If an elevation certificate has been completed for the subject property it may be submitted in lieu of this form.

(See page 7 of instructions for details)

1. Community Name: Fremont, California
2. Legal Description of Property: Lot 24 of Tract 4316, Bk 129 Maps Page 72 thru 78 Alameda County Records
3. Flooding Source: ALAMEDA COUNTY FLOOD CONTROL CHANNEL (LINE K, ZONE 5)
4. Based on the FIRM, this property is located in Zone(s) A1
5. Is any portion of this property located in the regulatory floodway?  Yes  No  
Are any structures (existing or proposed) located in the regulatory floodway  Yes  No
6. Is this area subject to land subsidence or uplift?  Yes  No, 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 Elevation NGVD 1929 Datum
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 including Form 3 and 4 from forms entitled, "Revisions to National Flood Insurance Program Maps" (MT-2)).  
BFE of elevation 14.5 was determined from flood insurance rate map 065028 0004 B effective date May 2, 1983
9. If a flood profile for the 500-year flood was provided in the FIS Report, what is the 500-year flood elevation for this property? N/A Elevation N/A Datum
10. 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)\* 14.6 Elevation NGVD 1929 Datum

11. 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)\*           N/A           Elevation Datum
12. 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 and/or attached garage? (Provide elevation to nearest tenth of a foot and datum)\*           N/A           Elevation Datum
13. If any of the above elevations were computed based on a datum different than the effective FIS, what is the conversion factor? FIS Datum = Local Datum +/-           N/A           Feet

•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. To support item 9, 10, and 11, please note a map (certified by a licensed surveyor or registered professional engineer) may be required to relate the ground elevations and locations of structures or lots. The map should indicate whether it reflects "as-built" or "proposed" conditions.

14. 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:           Bob Chan            
*(please print or type)*

Title:           Operations Manager            
*(please print or type)*

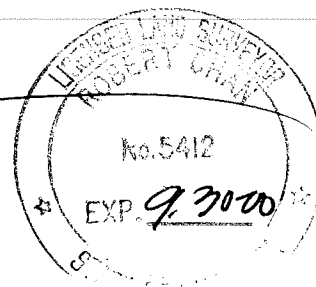
Registration No.           LS5412           Expiration Date           9/30/00          

State           California          

Telephone Number:           (925) 225-0690          

          *[Signature]*            
Signature

          12/21/98            
Date



Seal (Optional)