O.M.B. No 3067-0077 Expires May 31, 1993

5

ELEVATION CERTIFICATE

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM
es not provide a waiver of the flood insurance purchase requ

	ation Information	necessary to ensure	compliance w		Man Amendme	
		SECTION A PRO	PERTY INFO	RMATION .		FOR INSURANCE COMPANY USE
BUILDING OW						POLICY NUMBER
Teiche	rt Aggregat	tes Unit Suite and/or Bldg. N	lumber) OR P.O. R	OUTE AND BOX NUMBER		COMPANY NAIC NUMBER
35030	County Road	d 20				
OTHER DESC	RIPTION (Let and E	Block Numbers, etc.) of the interse	ction of l	Road 20 and Road	96	
CITY					SIAIE	ZIP CODE 95695
Woodla	nd	" "PECTION P. El	OOD INSURA	NCE RATE MAP (FIRM)	California INFORMATION	
				West to the state of the state of		
	_	ne proper FIRM (See		4, DATE OF FIRM INDEX	5. FIRM ZONE	6. BASE FLOOD ELEVATION
1. COMML	REBMUN YTINU	2. PANEL NUMBER	3. SUFFIX			(In AO Zones, use depih)
0604	23	0425B		Dec. 16, 1980	A	93
& For Zone	a A or V where	no BFE is provided of	in the FIRM, ar	IQ ILIA COLLILITATINÀ LIGO ASC	AUTO INC.	9 Other (describe on back) for this building site, indicate and ys: sed on HEC-RAS and ys: s,500 cfs (100 yr)-
		. SECTI	ON C BUILD!	NG ELEVATION INFORM	MATION	
(a). FIRM of	Zones A1-A30, 9 7 . 0 fer Zones V1-V30, lected diagram, Zone A (without (check one) Zone AO. The he highest gradelevated in accurate diagram elevated in accurate elevation decomments on Pa M [see Section for under Comment for ence level elevated in accurate elevation for ence level elevation decomments for ence level elevation of the lovelevation of the lovelevation of the lovelevation of the lovelevation.	et NGVD (or other FII VE, and V (with BFE is at an elevation of it BFE). The floor used the highest grade a floor used as the reference adjacent to the build ordance with the compatum system used in a fige 2). (NOTE: If the item 7]; then converts on Page 2.) The results of the build ordance with the converts on Page 2.) The results of the build of the build only be valid for the build only be valid for the build of	BPE). The top RM datum—see). The bottom data the refere djacent to the terence level fro ding. If no floor munity's floods determining the elevation datu vert the elevation IRM: Yes actual constitution of the pulliding during the	Section B, Item 7). of the lowest horizontal state of the selected diagram is a depth number is available of the lowest of the datum system of the lowest of the datum system of the lowest	ructural member RM datum—see ad diagram is Less the building ruce? Yes Evations: X Nucleon Page 4) drawings the reference less A post-construction of the Post-construction	above cr below (checking's lowest floor (reference) No Unknown
Section	B, Item 7).			and the same of th		
_Lub-				TAMROFINI YTINUMMO	roforance leve	Indicated in Section C. Item 1
is not th	e "lowest 11001"	I responsible for verif as defined in the core ordinance is:	feet	NGVD (or other FIRM da	atum-see Section	
	m 81-31, MAY 90			CES ALL PREVIOUS EDITIONS		SEE REVERSE SIDE FOR CONTINUATE

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 8 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.

Mark Fortner	RCE 48266				
Sand on Board	LICENSE NUMBER (or Affix Seal)				
	By. Burns & Kienler ANY NAME	<u> </u>			
1616 - 29th Street, Ste. 300 Secramont		04 05047			
nESS CITY		CA 95816 STATE			
play grant	9/12/96	(916) 456-4400			
ATURE:	DATE	PHONE			
as should be made of this Cardinate for 1) sammunity		1			
les should be made of this Certificate for: 1) community	official, 2) insurance age	nt/company, and 3) building owner.			
IMENTS:					
	A				
	NITH SEMENT	on Piles, Piers, or Columns			
A V	A .	A V			
ZONES ZONES	KONES	ZONES ZONES VAIT			
REPEACE THE THE	<i>-</i>	ENERGE REFERENCE			
CEVEL N	BASE FLOOD ELEVATION	LÉVEL			
PLOCO ADJACENT	REPEARNCE	BASE FLOOD ELEVATION			
REFERENCE ADJACENT GRADE	LEVEL	ELEVATION			
	Special Control of the Control of th	IN IN			
Z*hns≥ie*	194514	100 Manual 11 L			
		ADJACENT GRADE			
		ENGOLD ENGINEERING AND THE STREET			
he diagrams above Illustrate the points at which the elevatio	and chould be made used in	× 7 17 7			
levations for all A Zones should be measured at the top of the		A Zones and v Zones.			
levations for all V Zones should be measured at the bottom	of the lowest harizontal at-	nintural manufact			

MURRAY, BURNS AND KIENLEN

A CORPORATION CONSULTING CIVIL ENGINEERS 1616 29th Street Suite 300 SACRAMENTO, CALIFORNIA 95816 TELEPHONE (916) 456-4400 FAX (916) 456-0253

ANGUS NORMAN MURRAY 1913 - 1985

JOSEPH D. COUNTRYMAN, P.E. GILBERT COSIO, JR., P.E. MARC VAN CAMP, P.E.

September 12, 1996

CONSULTANTS: JOSEPH I. BURNS, P.E. DONALD E. KIENLEN, P.E.

JOHN F. WRIGHT, P.E. MICHAEL C. ARCHER, P.E. JEFFREY E. TWITCHELL, P.E. MARK E. FORTNER, P.E. JANELLE L. FORTNER DON T. TRIEU

> Mr. Dave Morrison Yolo County Community Development Agency 292 W. Beamer Street 95695 Woodland, California

> > Location of a Mobile Home Office at Reference: Woodland Plant — Flood Plain

Requirements

Dear Mr. Morrison:

I was requested to evaluate the proposed Mobile Home Office at the Woodland plant as it pertains to the FEMA Flood Plain requirements.

The following information describes critical Mobile Home Office information and flood plain elevation information.

FEMA Flood Data:

Flow:

63,500 cfs

Water surface elevation E1. 93'

Mobile Home Office:

Ground elevation

94

Floor

El. 97

The Mobile Home Office will have no enclosed area below the 100 year flood level. The placement of this facility is in compliance with the FEMA Flood Plain model ordinance. regulations require the "Lowest Floor" be elevated above the 100 year flood plain. The "Lowest Floor" is defined as the lowest floor of the lowest enclosed area. The Mobile Home Office has a lowest enclosed area of Elevation 97'. This elevation is 4' above the FEMA base flood elevation.

Calculations of the 100 year flood elevation have been provided the County in conjunction with the approval of the conveyor system across Cache Creek. I have enclosed a copy of Spring 1996 topo map showing the approximate location of the proposed office.

Sincerely,

MURRAY, BURNS and KIENLEN

Joseph D. Countryman, P.E.

JDC:bl Enclosure