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ELEVATION CERTIFICATE  
FEDERAL EMERGENCY MANAGEMENT AGENCY  
NATIONAL FLOOD INSURANCE PROGRAM

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

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>Teichert Aggregates</b>		POLICY NUMBER
STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER <b>35030 County Road 20</b>		COMPANY NAIC NUMBER
OTHER DESCRIPTION (Lot and Block Numbers, etc.) <b>± 3000 feet west of the intersection of Road 20 and Road 96</b>		
CITY <b>Woodland</b>	STATE <b>California</b>	ZIP CODE <b>95695</b>

SECTION B FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

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

1. COMMUNITY NUMBER <b>060423</b>	2. PANEL NUMBER <b>0425B</b>	3. SUFFIX	4. DATE OF FIRM INDEX <b>Dec. 16, 1980</b>	5. FIRM ZONE <b>A</b>	6. BASE FLOOD ELEVATION (in AO Zones, use depth) <b>93</b>
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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: **90.0** feet NGVD (or other FIRM datum—see Section B, Item 7). **63,500 cfs (100 yr).** *Based on HEC-RAS analysis of*

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 **5**.  
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 **97.0** 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 **97.0** 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 **97.0** 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 **97.0** 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: **94.2** feet NGVD (or other FIRM datum—see Section B, Item 7).

SECTION D COMMUNITY INFORMATION

1. 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: **94.2** feet NGVD (or other FIRM datum—see Section B, Item 7).
2. Date of the start of construction or substantial improvement \_\_\_\_\_

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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 owner's representative may also sign the certification.

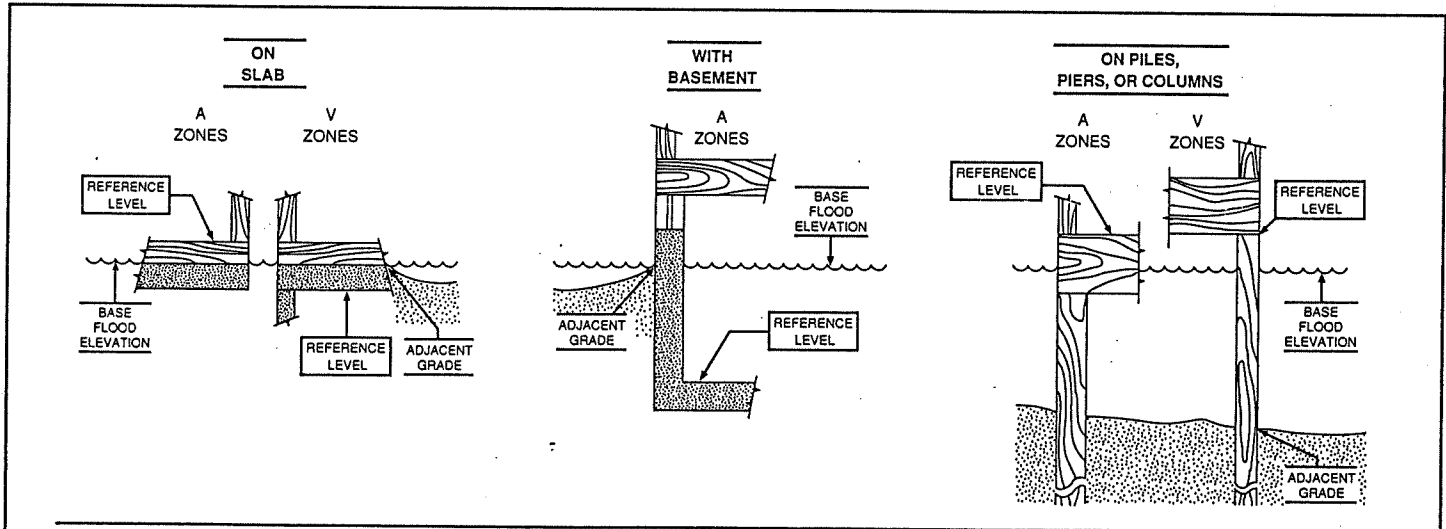
Reference level diagrams 6, 7 and 8 - Distinguishing Features-If the certifier is unable to certify to breakaway/non-breakaway wall, enclosure size, location of servicing equipment, area use, wall openings, or unfinished area Feature(s), then list the Feature(s) not included in the certification under 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.

<b>Mark Fortner</b>		<b>RCE 48266</b>	
CERTIFIER'S NAME		LICENSE NUMBER (or Affix Seal)	
<b>Senior Engineer</b>		<b>Murray, Burns &amp; Kienlen</b>	
TITLE		COMPANY NAME	
<b>1616 - 29th Street, Ste. 300</b>		<b>Sacramento</b>	<b>CA 95816</b>
ADDRESS		CITY	STATE ZIP
<i>Mark Fortner</i>		<b>9/12/96</b>	<b>(916) 456-4400</b>
SIGNATURE		DATE	PHONE

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

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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.

**MURRAY, BURNS AND KIENLEN**

A CORPORATION  
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1913 - 1985

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September 12, 1996

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

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

**Reference: Location of a Mobile Home Office at  
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 El. 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. The 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.



Mr. Dave Morrison

September 12, 1996

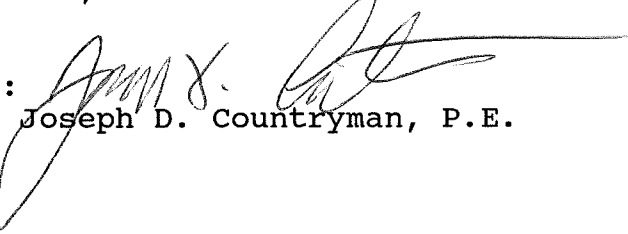
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Calculations of the 100 year flood elevation have been provided the County in conjunction with the approval of the conveyor system across Cache Creek. I have enclosed a copy of Spring 1996 topo map showing the approximate location of the proposed office.

Sincerely,

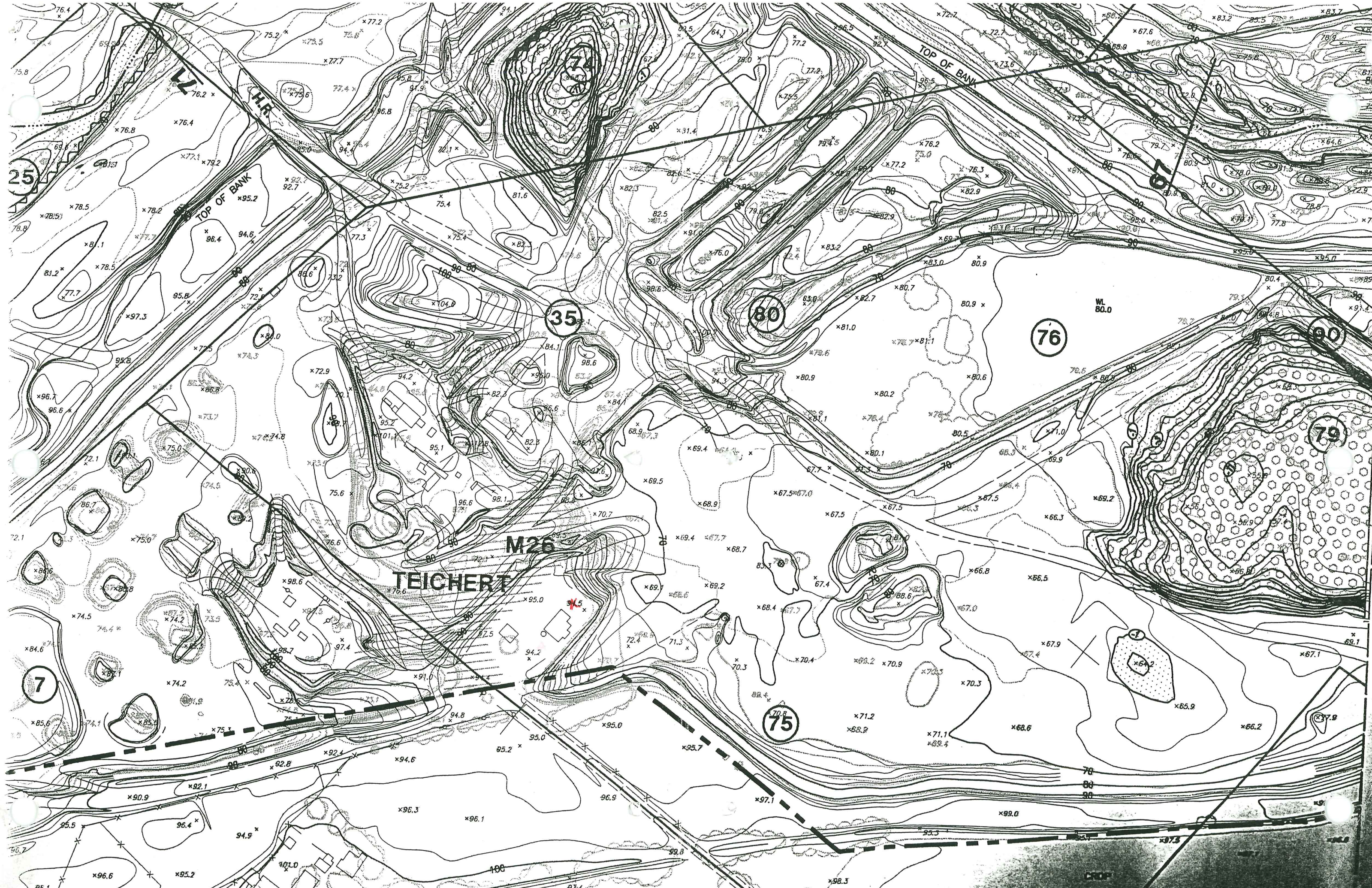
MURRAY, BURNS and KIENLEN

By:

  
Joseph D. Countryman, P.E.

JDC:bl  
Enclosure





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