

960215

O.M.B. No 3067-007; Expires May 31, 1993

# ELEVATION CERTIFICATE

FEDERAL EMERGENCY MANAGEMENT AGENCY  
NATIONAL FLOOD INSURANCE PROGRAM

033-150-46

**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 <i>Charles and Julie MacDonald</i>		POLICY NUMBER
STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER <i>32101 Rd 105</i>		COMPANY NAIC NUMBER
OTHER DESCRIPTION (Lot and Block Numbers, etc.) <i>Parcel # 033-150-461 Yolo County</i>		
CITY <i>Dixon</i>	STATE <i>Ca</i>	ZIP CODE <i>95620</i>

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

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

1. COMMUNITY NUMBER <i>060423</i>	2. PANEL NUMBER <i>0630</i>	3. SUFFIX <i>C</i>	4. DATE OF FIRM INDEX <i>5/17/88</i>	5. FIRM ZONE <i>A-6</i>	6. BASE FLOOD ELEVATION (in AO Zones, use depth) <i>22.3</i>
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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:  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 \_\_\_\_\_.
- (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). *24.3*
- (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) *Unknown, FIRM not used to establish ground elevation. Flood elevation does not appear on FIRM*
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). *22.5*

## 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). *24.4*
2. Date of the start of construction or substantial improvement *1/96*

SECTION E CERTIFICATION

5

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.

Julie Mac Donald  
 CERTIFIER'S NAME

32029 Rd 105  
 TITLE

DIXON CA 95620  
 ADDRESS CITY STATE ZIP

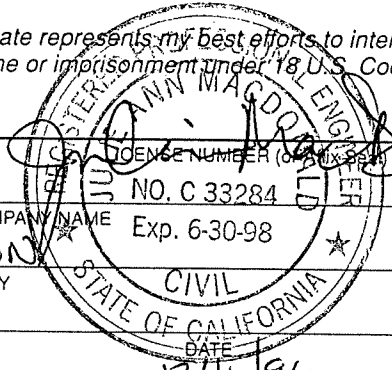
Julie Mac Donald  
 SIGNATURE

NO. C 33284  
 LICENSE NUMBER (or A13324)

Exp. 6-30-98  
 COMPANY NAME

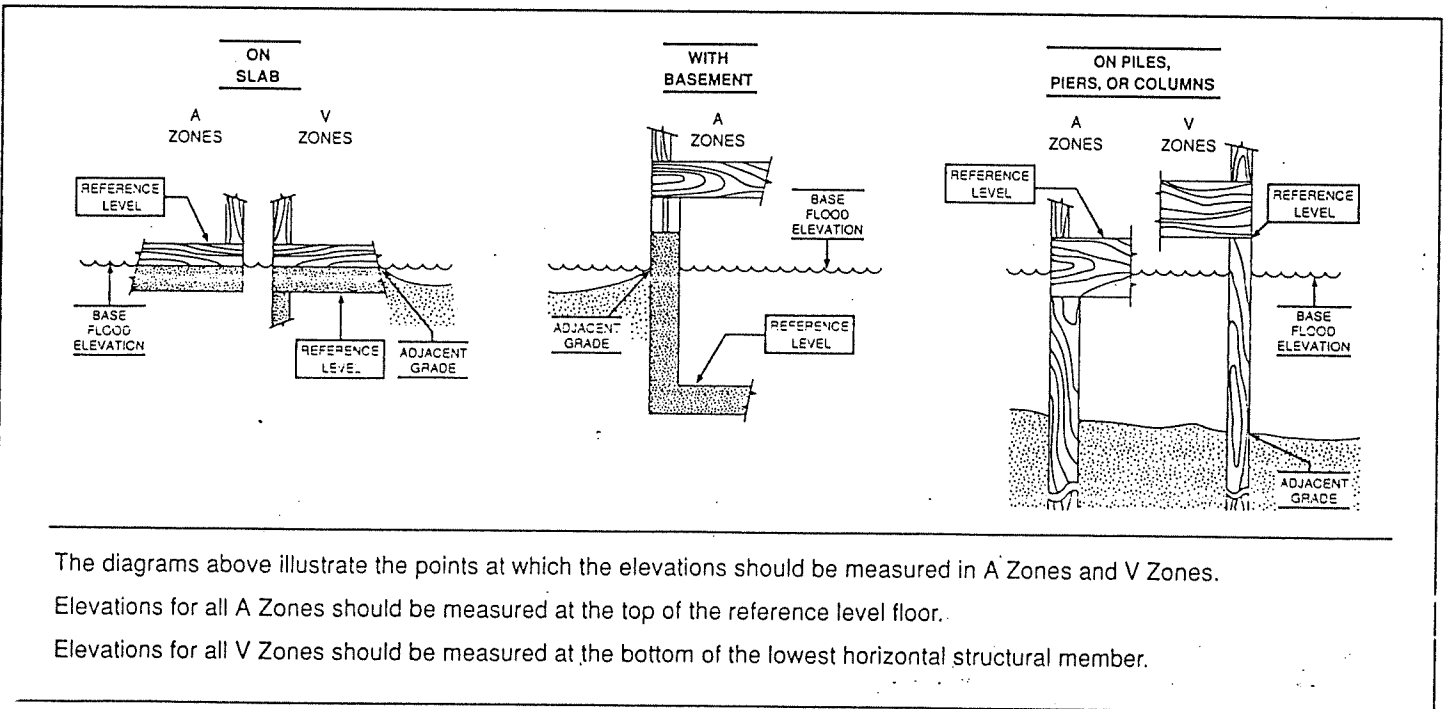
12/16/96  
 DATE

916 678-9456  
 PHONE



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

COMMENTS:  
Copy of Surveyor's letter is attached





**FRAME SURVEYING & MAPPING**

2038 East 8th Street  
(916) 756-8584 (TEL.)

Davis, CA 95616  
(916) 756-8201 (FAX)

9

May 1, 1996

Chuck MacDonald  
32029 County Road 105  
Dixon, CA 95620

Dear Chuck:

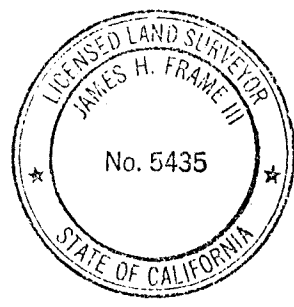
We returned to your project site yesterday and determined that the top of the 2" x 10" slab form boards are at elevation 24.38 feet (24' 4-5/8").

I have enclosed an invoice for service rendered. Please call me if you have any questions.

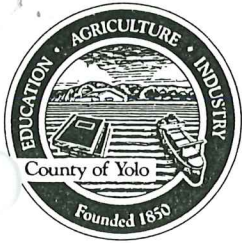
Regards,

A handwritten signature in black ink, appearing to be 'JMF' followed by a large flourish.

Jim Frame



License expires 9/30/96



# County of Yolo

COMMUNITY DEVELOPMENT AGENCY

PLANNING DIVISION  
(916) 666-8020

FAIR HOUSING  
(916) 666-8018

BUILDING DIVISION  
(916) 666-8037

BUSINESS LICENSE  
(916) 666-8812

292 West Beamer Street

Woodland, CA 95695

960215<sup>5</sup>

December 8, 1995

Julie MacDonald P.E.  
32029 County Road 105  
Dixon, Ca 95620

**Subject: Flood Elevation Certificate**

Dear Ms MacDonald:

I have reviewed the certificate you prepared for the project located at 32029 Rd 105. The following items need to be corrected or clarified and a revised certificate submitted prior to permit issuance.

1. You specified a flood elevation of 22.3 NGVD based on data from the Corps of Engineers. Please provide the Flood Hazard evaluation from the U.S. Army Corps of Engineers you reference.
2. Flood Elevation Certificate.
  - a) Section C #5 should be based on the construction drawings since there is no floor level to base it on actual construction. Note: A new certificate is required based on actual construction prior to a final inspection.
  - b) Section C #2(a) and #6 should not be the same. Based on the drawings the floor level reference in #2(a) would be higher than the adjacent grade referenced in #6.

If you have any questions I can be contacted at (916)-666-8037.

Sincerely,

Brett A Hale  
Chief Building Official

RECEIVED  
FEB 7 1995

Mr. J. Cordano  
Hefner, Stark, and Marois  
2710 Gateway Oaks Drive  
Suite 300 South  
Sacramento, CA  
95833-3505

HEFNER STARK & MAROIS

January 31, 1995

Dear Mr. Cordano:

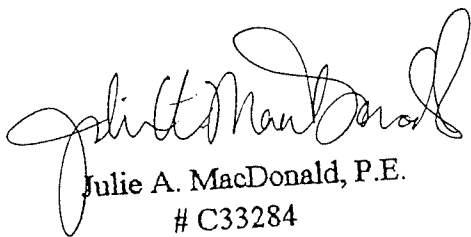
Enclosed are the following documents:

- An elevation certificate for the property on Road 105
- A copy of the U.S.G.S. Quad map "Saxon" showing the location and elevation of the subject property.
- A flood hazard evaluation from the U.S. Army Corps of Engineers.

The second two documents are the basis for the finding that the proposed abattoir, if built at ground level, will be above or very minimally affected by the 100 year flood. The abattoir site is located at the intersection of Maxwell Road and Road 105 between elevations of 20 and 25 NGVD. Interpolation of the data shows that the subject property elevation is approximately 22.5 NGVD. The flood elevation is 22.3 NGVD based on data from the Corps of Engineers.

In addition, the farmer who farmed the property in 1986 indicated there was no flooding on the 20 -30 acres nearest Road 105. He also indicated that the back 20 acres had some water. This is consistent with the topographical lines shown on the quad map, which show the 20 NGVD line crossing the property near the back.. Finally, the 1986 flood was a 70 year flood, and is the flood of record for this particular geographic area.

If you have any questions, please do not hesitate to call me at (916) 678-9456.

  
Julie A. MacDonald, P.E.  
# C33284

RECEIVED  
NOV 30 1995  
By \_\_\_\_\_



# ELEVATION CERTIFICATE

FEDERAL EMERGENCY MANAGEMENT AGENCY  
NATIONAL FLOOD INSURANCE PROGRAM

OMB No 3067-0077  
Expires May 31, 1993

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SECTION A PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
BUILDING OWNER'S NAME <u>Charles M. and Julie A. MacDonald</u>		POLICY NUMBER
STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER <u>32029 Rd. 105</u>		COMPANY NAIC NUMBER
OTHER DESCRIPTION (Lot and Block Numbers, etc.) <u>Parcel # 033-150-461 Yolo County</u>		
CITY <u>Dixon</u>	STATE <u>CA</u>	ZIP CODE <u>95620</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>060423</u>	<u>0630</u>	<u>C</u>	<u>5/17/88</u>	<u>A-6</u>	<u>22.3</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).

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- 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 22.5 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.
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(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.)
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2. Date of the start of construction or substantial improvement Oct 1991

51

SECTION E CERTIFICATION

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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.

Julie MacDonald

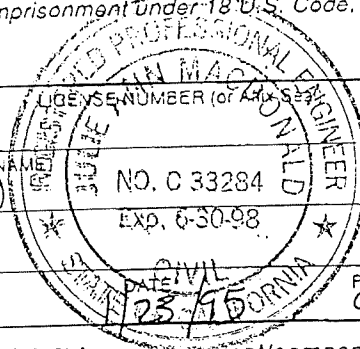
CERTIFIER'S NAME

32029 Road 105

ADDRESS

DIXON CITY

COMPANY NAME



CA 95620

STATE

ZIP

Julie A. MacDonald

SIGNATURE

NO. C 33284

EXP. 6-30-98

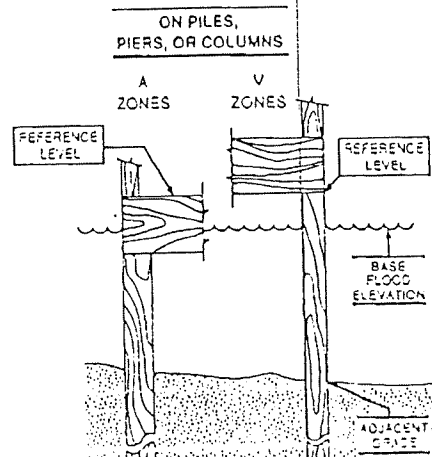
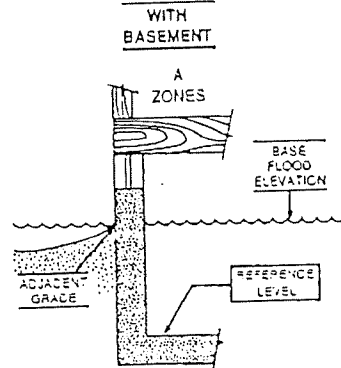
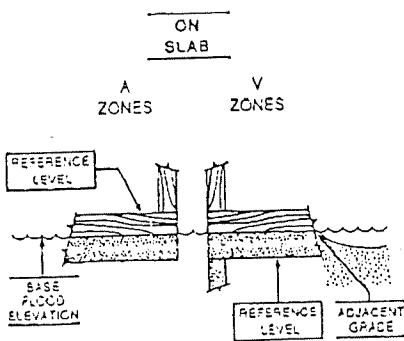
PHONE 916-678-9456

DATE

23 FEBRUARY 1998

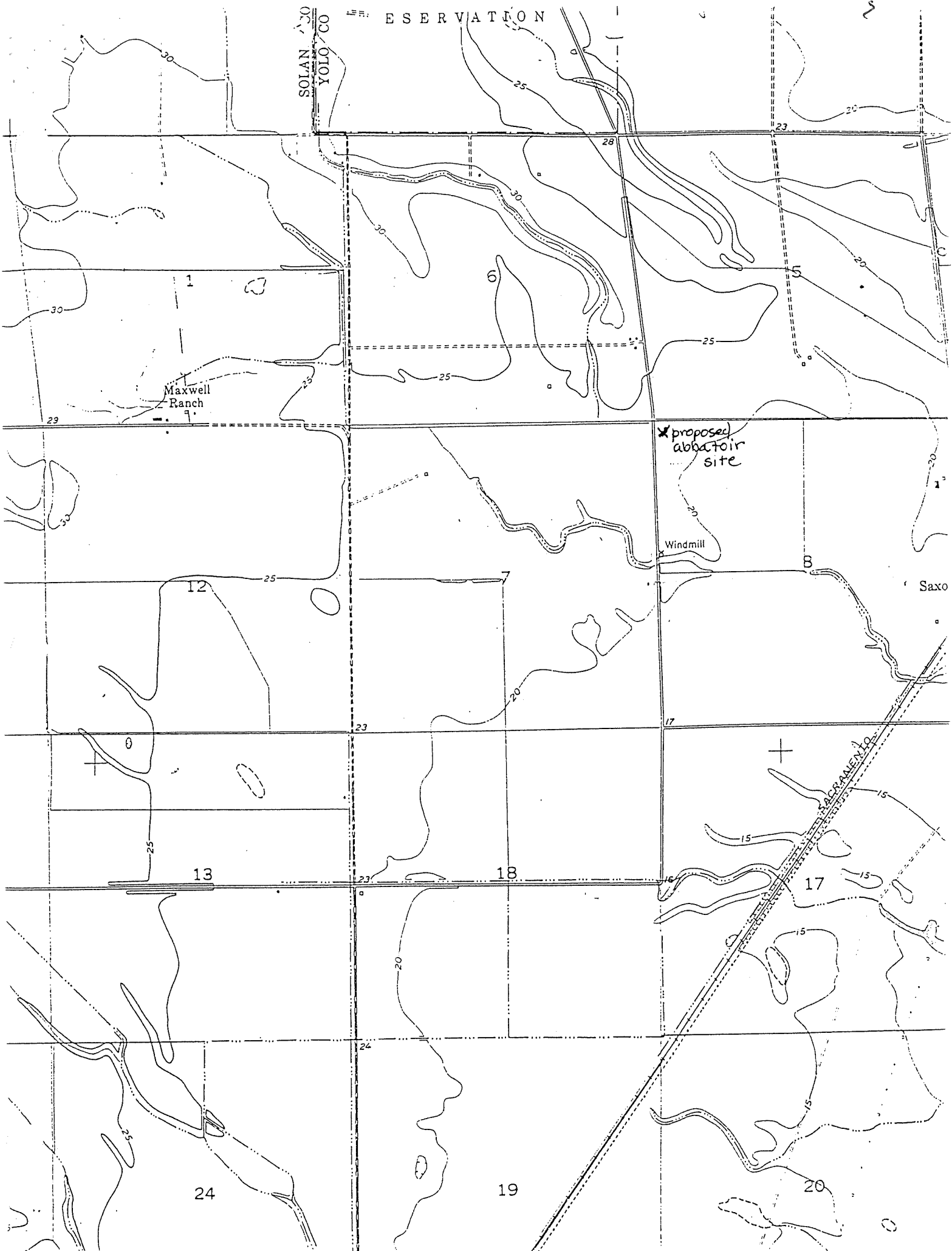
Copies should be made of this Certificate for: 1) community official, 2) insurance agent/company, and 3) building owner.

COMMENTS: The analysis of the elevation is predicated on ground elevations shown on the U.S.G.S. Quad map "saxon". Copies of the pertinent section of the map and title section are included. Interviews with the person farming the property indicated no flooding occurred in 1986 which at the proposed site in 1986. The flood of record for that site is a 70 year flood, which occurred in 1986.



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.

SOLAN CO  
YOLO CO  
RESERVATION



Maxwell  
Ranch

X proposed  
abattoir  
site

Windmill

Saxo

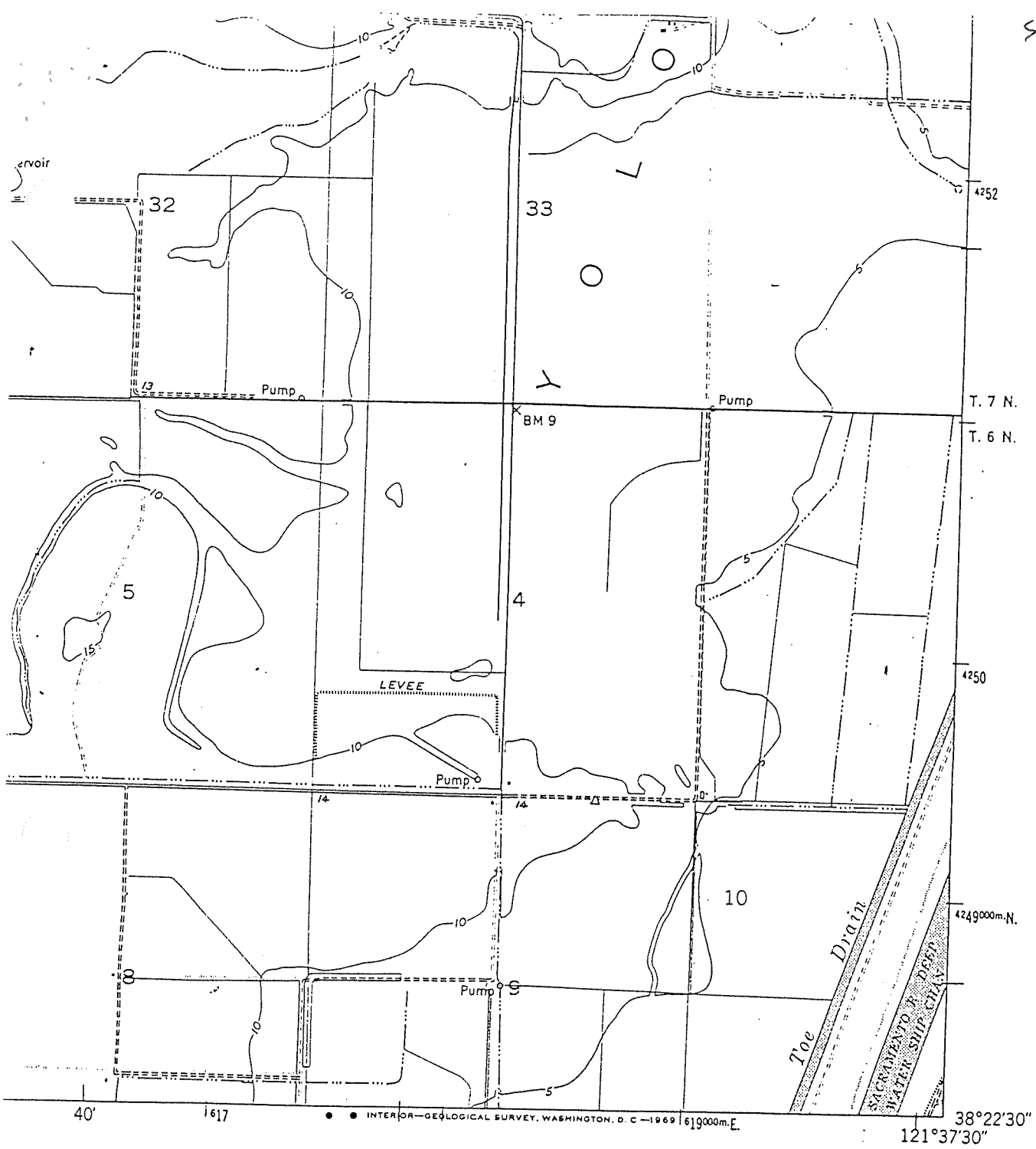
SACRAMENTO

24

19

20





1 MILE



QUADRANGLE LOCATION

C. 20242

ROAD CLASSIFICATION

Heavy-duty	—————	Light-duty	—————
Medium-duty	—————	Unimproved dirt	—————

**5**

SAXON, CALIF.  
 NW/4 COURTLAND 15' QUADRANGLE  
 N3822.5—W12137.5/7.5

1952  
 PHOTOREVISED 1968  
 AMS 1660 I NW—SERIES V895

COURTLAND  
 1660 I SE



Military Reservation  
AREA NOT INCLUDED

ZONE C

ZONE A6

ZONE A

LIMIT OF  
DETAILED STUDY

ZONE A6

ZONE C

ZONE A6

Unnamed Road

Unnamed Road

MAXWELL

LANE

105

22

36

23

Road

BYPAS

S

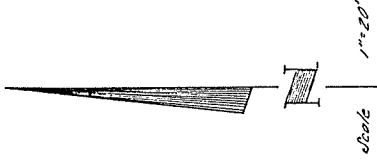
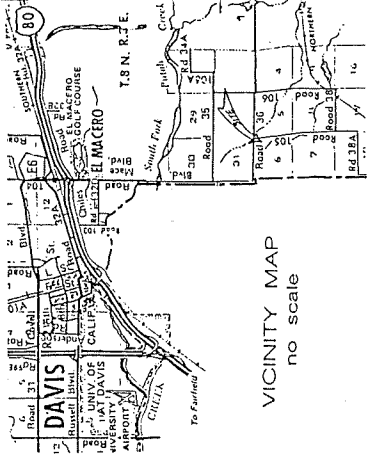




Flooded in 86

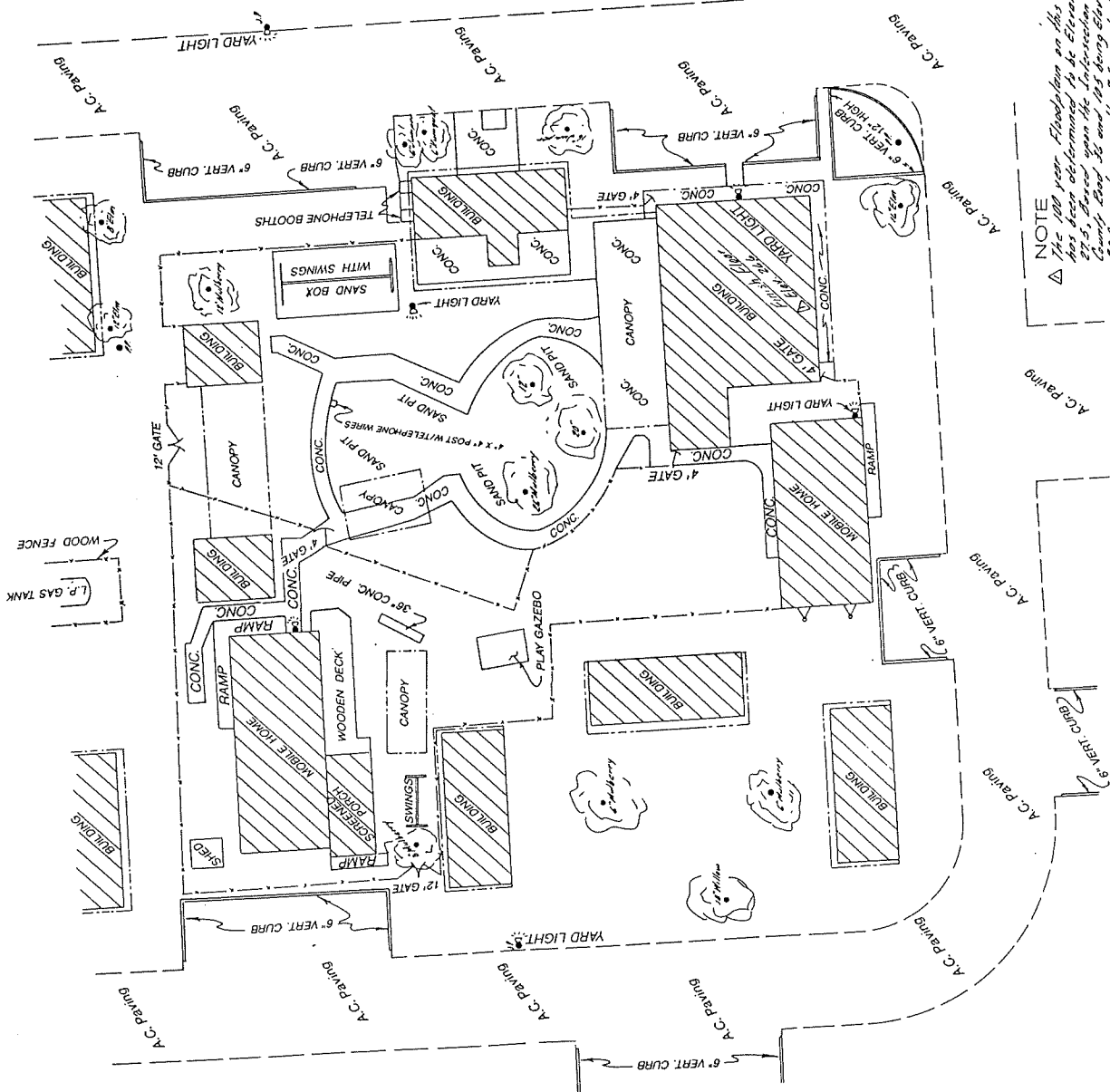
LEGEND

- concrete
- Power Pole
- Building Overhang Line
- Chainlink Fence (unless noted)
- Edge of Paving
- Building Footprint
- Tree (size and type noted)
- Joint Pole



APN 33-150-37

TOPOGRAPHIC MAP  
for  
Yolo Housing Authority  
a Portion of Section 6  
T. 7N. R. 3E., M.D.B. & M.  
Yolo County, California  
April 7, 1994



NOTE  
The 199 year floodplain on this site has been determined to be elevation 27.5, based upon the intersection of County Road 35 and 1st being elevation 28.0 as shown on the 1:1 minute stream cross-section sheet.



303 THIRD STREET • WOODLAND, CA 95695  
PHONE: (916) 662-4346  
FAX: (916) 661-1451