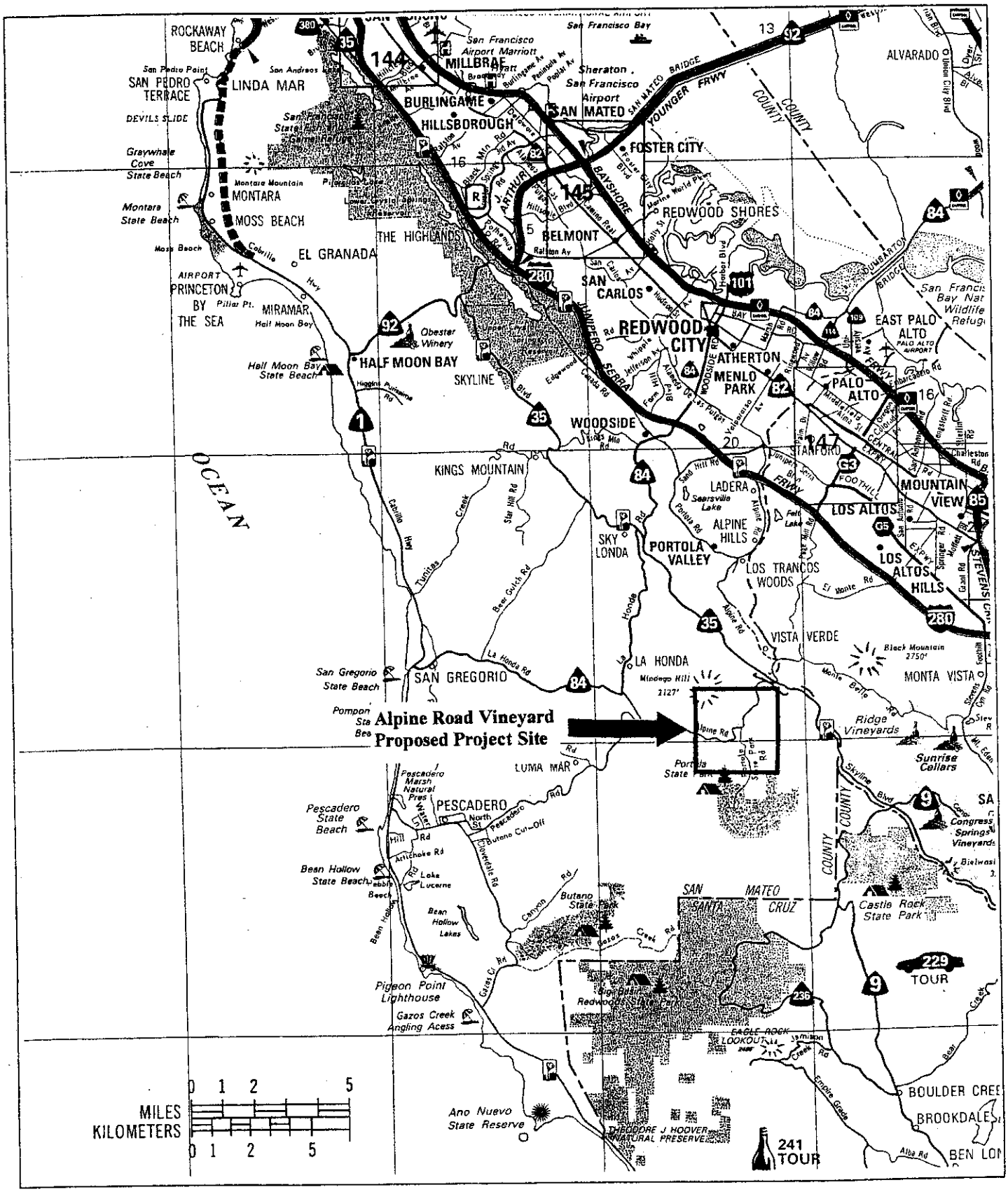
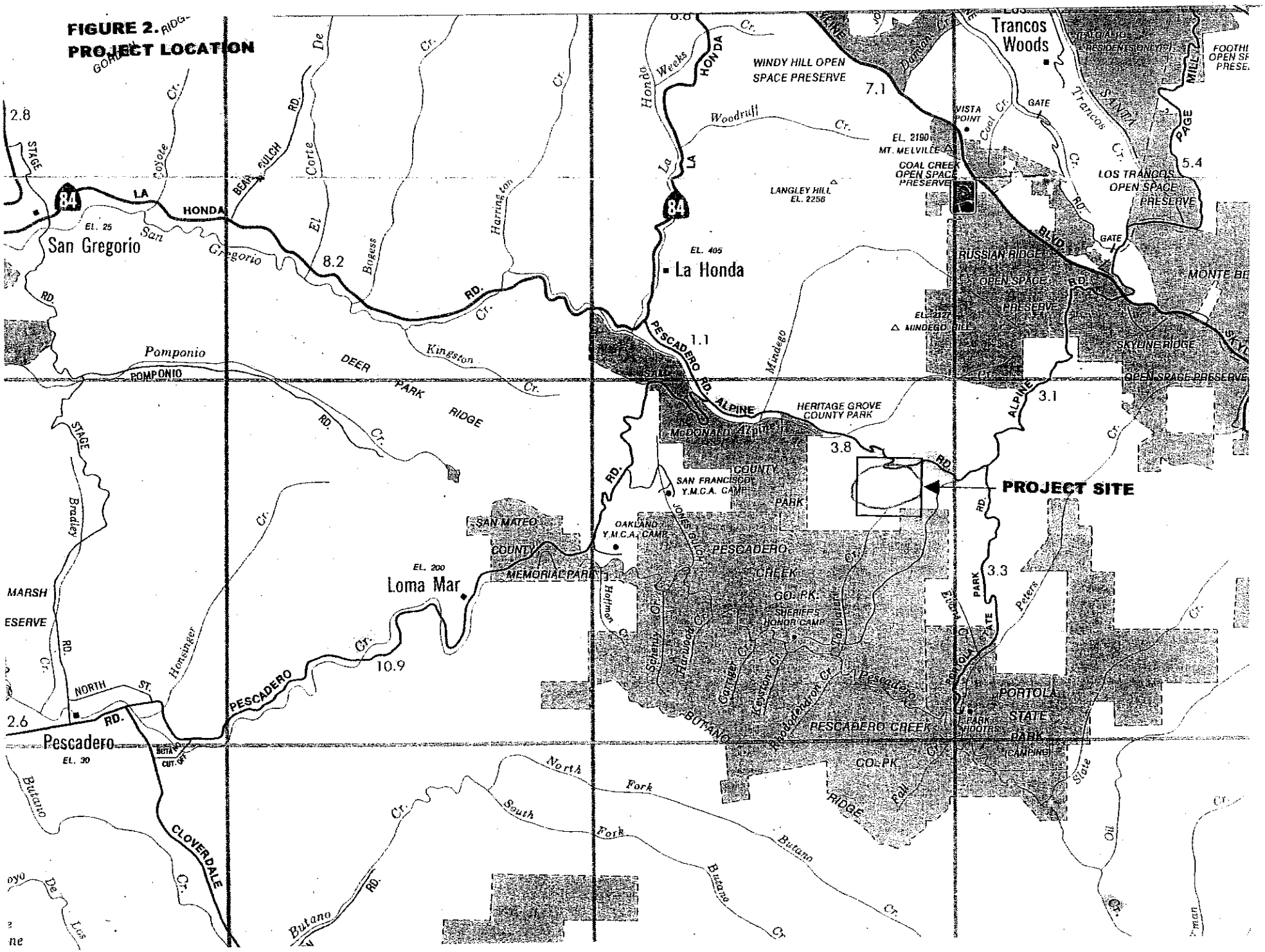
Figure 1. **Regional map showing the location of the Alpine Road Vineyard, La Honda, California.**



Source: California Road Atlas and Driver's Guide, Thomas Bros. Maps, 1993.

FIGURE 2. PROJECT LOCATION



GEOGRAPHIC EXTENT OF WA
INCLUDING WETLANDS AT THE A

7620 ALPINE ROAD, LA HC

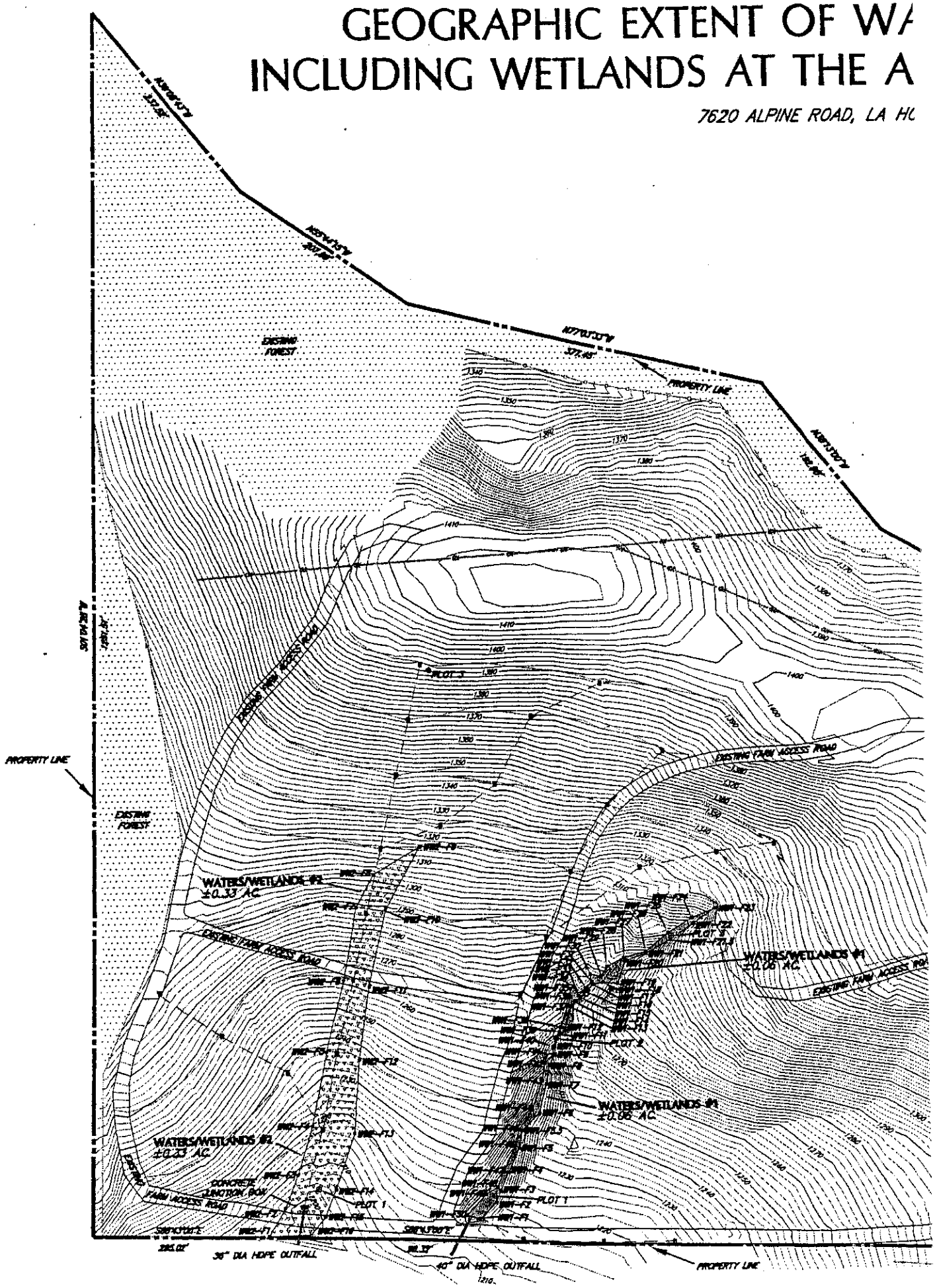


FIGURE 3a.

ERS OF THE U.S.,
PINE ROAD VINEYARDS

A, CA

WATERS / WETLANDS NOTES:

(1) WATERS / WETLANDS WERE DELINEATED BY L.C. LEE & ASSOCIATES, INC. ON MARCH 14, 2002

(2) WATERS/ WETLANDS BOUNDARIES ARE MARKED IN THE FIELD WITH FLUORESCENT PINK AND BLACK FLAGS LABELED, "WETLAND BOUNDARY L.C. LEE & ASSOCIATES, INC."

(3) "WATERS OF THE U.S." ARE DELINEATED CONSISTENT WITH DEFINITIONS PROVIDED AT 33 CFR 328.3(a) (1–6).

(4) "WETLANDS" ARE DELINEATED CONSISTENT WITH (A) DEFINITIONS PROVIDED AT 33 CFR 328.3(b) AND (B) PROTOCOLS ARTICULATED IN THE 1987 U.S. ARMY CORPS OF ENGINEERS WETLAND DELINEATION MANUAL (ENVIRONMENTAL LABORATORY 1987).

(5) WATERS / WETLANDS FLAGS WERE SURVEYED BY RIECHERS SPENCE AND ASSOCIATES ON MARCH 20, 2002.

L. C. LEE & ASSOCIATES, INC
221 1st Avenue W., #415, Seattle, WA 98119
206-283-8475 (phone) 206-283-0627 (fax)

GRAPHIC SCALE

(IN FEET)

WATERS / WETLANDS AREA TABLE

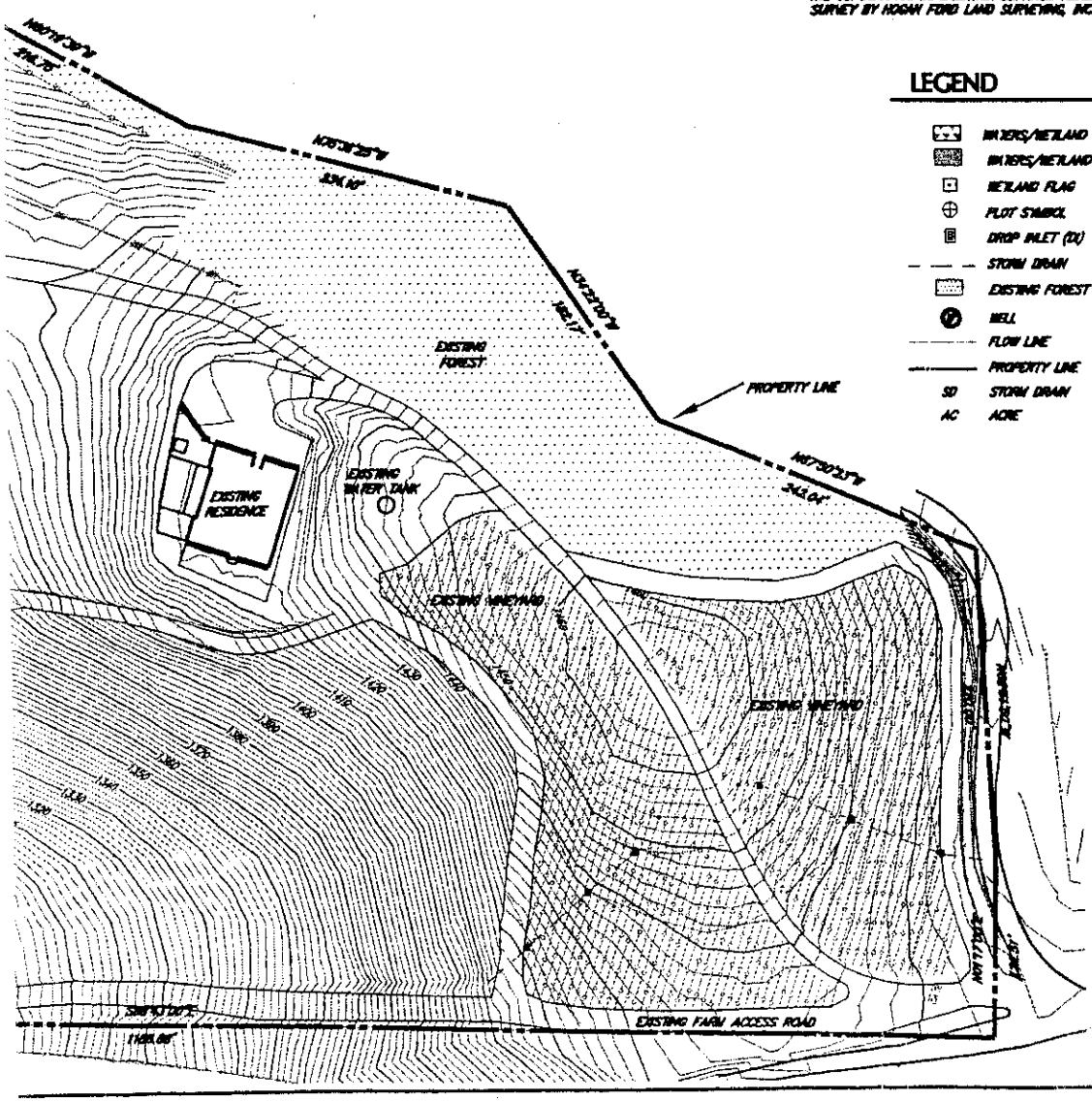
WATERS/WETLANDS #1	2,535 SFT (0.06 AC)
WATERS/WETLANDS #2	14,333 SFT (0.33 AC)
TOTAL AREA OF WATERS/WETLANDS	16,868 SFT (0.39 AC)

TOPOGRAPHIC NOTE

THE TOPOGRAPHIC INFORMATION DEPICTED HEREIN REFLECTS A TOPOGRAPHIC SURVEY BY HOGAN FORD LAND SURVEYING, INC., DATED MARCH 27, 2002.

LEGEND

- WATERS/WETLAND 1
- WATERS/WETLAND 2
- WETLAND FLAG
- PLOT SYMBOL
- DROP INLET (DI)
- STORM DRAIN
- EXISTING FOREST
- WELL
- FLOW LINE
- PROPERTY LINE
- SD STORM DRAIN
- AC ACRE



NO.	DATE	REVISIONS	BY	APVD

RIECHERS SPENCE & ASSOCIATES
CONSULTING CIVIL ENGINEERS
818 MENDOCINO AVE. # 200 · SANTA ROSA, CA 95401 · (707) 573-1672

ALPINE ROAD VINEYARDS
WATERS/WETLANDS DELINEATION MAP
SAN MATEO COUNTY CALIFORNIA

DATE: 09-APR-02
SCALE: 1"=60'
DESIGN: RTS
DRAFTED: W1
JOB NO.: 2101090.0
SHEET NO.: W1

FIGURE 3b.

Figure 4. Aerial Photo of Project Site, September 1, 1993

Access Road to ARV Property

Approximate Location of Waters/Wetlands #2

Approximate Location of Waters/Wetlands #1

← **N**

Source: Pacific Aerial Surveys
Not to Scale

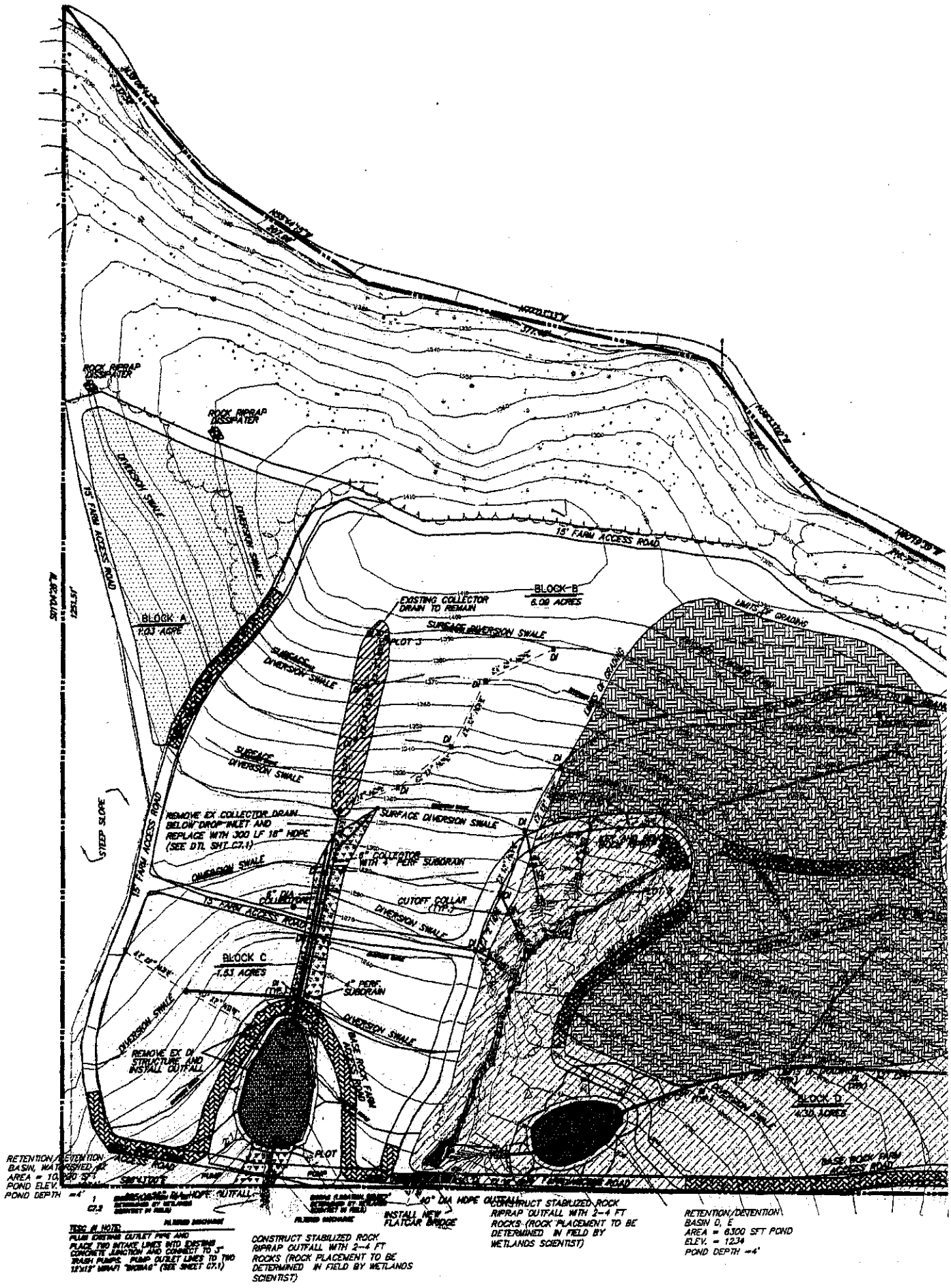

ROCK RIPRAP DISSIPATER
ROCK RIPRAP DISSIPATER
DIVERSION SWALE
15' FARM ACCESS ROAD
BLOCK A
1.03 ACRE
BLOCK B
6.09 ACRES
EXISTING COLLECTOR DRAIN TO REMAIN
SURFACE DIVERSION SWALE
PLOT 3
LIMITS OF GRADING
REMOVE EX COLLECTOR DRAIN BELOW DROP INLET AND REPLACE WITH 300 LF 18" HDPE (SEE DTL SHT C7.1)
STEEP SLOPE
6" COLLECTOR WITH 4" PERF SUBDRAIN
CUTOFF COLLAR (TYP.)
BLOCK C
1.53 ACRES
4" PERF. SUBDRAIN
REMOVE EX DI STRUCTURE AND INSTALL OUTFALL
BASE ROCK FARM ACCESS ROAD
BLOCK D
4.30 ACRES
PLOT
PUMP
40" DIA HDPE OUTFALL
INSTALL NEW FLATCAR BRIDGE
RETENTION/DETENTION BASIN, WATERSHED #2
AREA = 10,000 SFT
POND ELEV.
POND DEPTH =4'
TESC IN NOTE:
PLUG EXISTING OUTLET PIPE AND PLACE TWO INTAKE LINES INTO EXISTING CONCRETE JUNCTION AND CONNECT TO 3" TRASH PUMPS. PUMP OUTLET LINES TO TWO 12'x12' MIRAFI "DIOBAG" (SEE SHEET C7.1)
CONSTRUCT STABILIZED ROCK RIPRAP OUTFALL WITH 2-4 FT ROCKS (ROCK PLACEMENT TO BE DETERMINED IN FIELD BY WETLANDS SCIENTIST)
CONSTRUCT STABILIZED ROCK RIPRAP OUTFALL WITH 2-4 FT ROCKS (ROCK PLACEMENT TO BE DETERMINED IN FIELD BY WETLANDS SCIENTIST)
RETENTION/DETENTION BASIN D, E
AREA = 6300 SFT POND
ELEV. = 1234
POND DEPTH =4'

FIGURE 5a

TOPOGRAPHIC NOTE

THE TOPOGRAPHIC INFORMATION DEPICTED HEREON REFLECTS A TOPOGRAPHIC SURVEY BY HOGAN FORD LAND SURVEYING, INC., DATED MARCH 27, 2002.

LEGEND

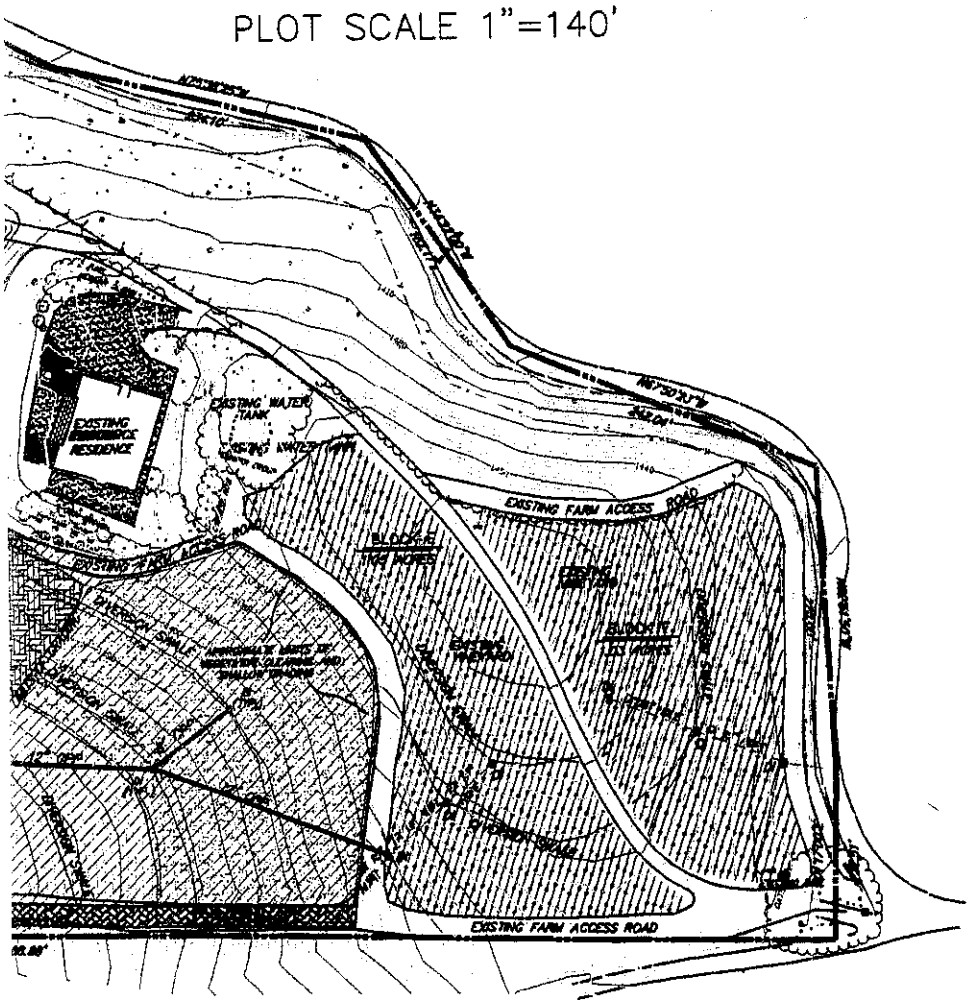
- WATERS/WETLANDS #1
- WATERS/WETLANDS #2
- WETLAND FLAG
- PLOT SYMBOL
- DROP INLET (DI)
- STORM DRAIN
- WELL
- FLOW LINE OF SWALE
- EXISTING VINEYARD
- PROPERTY LINE
- UTILITY LINE

100% CONSTRUCTION DOCUMENTS

GRAPHIC SCALE

(IN FEET)
1 inch = 60 ft.
CONTOUR INTERVAL = 2 FEET

PLOT SCALE 1"=140'



L. C. LEE & ASSOCIATES, INC
221 1st Avenue W., #415, Seattle, WA 98119
206-283-0573 (phone), 206-283-0577 (fax)

RIECHERS SPENCE & ASSOCIATES
CONSULTING CIVIL ENGINEERS
518 MENDOCINO AVE. # 200 • SANTA ROSA, CA 95401 • (707) 573-1972

NO.	DATE	REVISIONS	BY	APV'D

ALPINE ROAD VINEYARDS
EXISTING CONDITIONS AS 4/13/02
SAN MATEO COUNTY
CALIFORNIA

DATE: MAY 15, 2002
SCALE: 1"=60'
DESIGN: JCC
CADFILE:
JOB NO.:
SHEET NO.: C3.1

FIGURE 5b