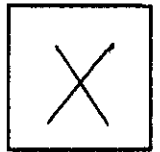


Type



Plans

SEP 97 - 1549

Permit Number

4525

Street Number

SLUSSER RD

Street Name

WIN

Community Code

066 - 280 - 030

APN

APPLICATION FOR PRIVATE SEWAGE DISPOSAL PERMIT

APPLICATION FOR PUBLIC HEALTH CLEARANCE FOR: *Standard System*

PERMIT & RESOURCE MANAGEMENT DEPARTMENT WELL & SEPTIC SECTION 2550 VENTURA AVENUE, SANTA ROSA, CA 95403 TELEPHONE (707)-527-1900

This permit application must be signed on all 3 signature lines by the same person (i.e., contractor or owner/builder). A letter of authorization from owner must accompany this application if agent is signing on owner's behalf.

BLDG. PERMIT NO. A DATE ISSUED 11-2-97 NEW REPAIR

APPLICANT: PLEASE PRESS HARD (USE BLACK INK). FILL IN BETWEEN HEAVY LINES ONLY AND SEE REVERSE SIDE FOR INSTRUCTIONS.

JOB ADDRESS 4525 SLUSSER ROAD OWNER'S NAME ED GOMEZ
NEAREST CROSS STREET RIVER ROAD MAILING ADDRESS 4740 EAST SECOND STREET, #30
ASSESSOR'S PARCEL NO. 066-280-030 CITY BENICIA STATE CA ZIP 94510 PHONE NUMBER _____

SUBDIVISION _____ LOT _____ BLK. _____
CITY _____ STATE _____ ZIP _____
INSTALLATION WILL SERVE: RESIDENCE APARTMENT HOUSE COMMERCIAL MOBILE HOME
MOTEL OTHER BUILDING CONST. NEW ADDN/ALTER

SEWAGE DISPOSAL SYSTEM CONTRACTOR _____ TEL. NO. _____
ADDRESS _____
GENERAL CONTRACTOR _____

TERMS OF PERMIT
APPLICANT AGREES THAT:
1. HEALTH DEPARTMENT ENVIRONMENTAL HEALTH SPECIALIST WILL BE NOTIFIED A MINIMUM OF 24 HOURS PRIOR TO COMMENCING WORK.
2. HEALTH DEPARTMENT ENVIRONMENTAL HEALTH SPECIALIST AND ENGINEER'S OR CONSULTING ENVIRONMENTAL HEALTH SPECIALIST'S INSPECTION, WHEN INDICATED, WILL BE OBTAINED PRIOR TO COVERING THE SYSTEM.
3. THE JOB CARD AND A COPY OF THE APPROVED SEWAGE DISPOSAL SYSTEM DESIGN SHALL BE AVAILABLE AT THE JOB SITE AT ALL TIMES.
4. ANY DEVIATION FROM APPROVED PLAN WITHOUT PRIOR APPROVAL OF THE HEALTH OFFICER WILL BE CAUSE FOR STOPPING WORK UNTIL THE CHANGES ARE FULLY JUSTIFIED AND APPROVED.
5. THE SEPTIC TANK MUST BE I.A.P.M.O. APPROVED.
6. PRIOR TO AUTHORIZING OCCUPANCY OF ANY BUILDING WITH AN ENGINEER OR CONSULTING ENVIRONMENTAL HEALTH SPECIALIST DESIGNED SYSTEM, A SIGNED STATEMENT BY THE DESIGNER CERTIFYING THAT THE SYSTEM WAS INSTALLED IN COMPLIANCE WITH THE APPROVED PLAN MUST BE SUBMITTED TO THE PUBLIC HEALTH OFFICER.
7. THIS PERMIT IS SUBJECT TO REVOCATION IF FOUND TO BE IN NONCONFORMANCE WITH SONOMA COUNTY CODE OR STANDARDS OF THE PUBLIC HEALTH DEPARTMENT.
8. THIS PERMIT IS NOT TRANSFERABLE.

IT IS UNDERSTOOD THAT THE ISSUANCE OF A PERMIT IN NO WAY INDICATES THAT A GUARANTEE OF PERFECT AND INDEFINITE OPERATION OF THIS SYSTEM IS MADE BY THE COUNTY OF SONOMA PUBLIC HEALTH DEPARTMENT AND THAT THE OWNER IS REQUIRED TO MAKE ANY REPAIRS NECESSARY TO CONFINE SEWAGE BELOW THE SURFACE OF THE GROUND. APPROVAL IS BASED UPON INFORMATION SUBMITTED BY THE APPLICANT. FIELD CONDITIONS AT VARIANCE WITH APPLICATION MAY VOID PERMIT.
I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND THE INSTRUCTIONS ON THE REVERSE SIDE AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL COUNTY ORDINANCES AND STATE LAWS REGULATING CONSTRUCTION OF PRIVATE SEWAGE DISPOSAL SYSTEMS. THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK AUTHORIZED IS NOT COMMENCED WITHIN 180 DAYS.

SONOMA COUNTY applicant for private sewage disposal permit certifies as follows:
CONTRACTOR'S LICENSE LAW CERTIFICATE
(COMPLETE EITHER A OR B)
 A. THE APPLICANT IS LICENSED UNDER THE PROVISIONS OF THE CONTRACTORS LICENSE LAW UNDER LICENSE NUMBER _____
 B. THE APPLICANT IS EXEMPT FROM THE PROVISIONS OF THE CONTRACTORS LICENSE LAW FOR THE FOLLOWING REASONS:
1) OWNER/BUILDER
2) OTHER (EXPLAIN) _____
DATE 10-28-97 X APPLICANT [Signature]
WHICH LICENSE IS IN FULL FORCE AND EFFECT: _____
CONTRACTOR'S COMPENSATION CERTIFICATE # SIERRA
(One or Two must be completed)
1. A currently effective certificate of Workmen's Compensation Insurance coverage is on file with the Sonoma County Public Health Department.
2. Compensation Insurance Policy # _____ is currently in force. CHNG
WORKMEN'S COMPENSATION CERTIFICATE # SIERRA
\$694.00
\$694.00
\$694.00
\$0.00

LAYOUT PLAN APPROVED BY [Signature] DATE 10/20/97 CONSTRUCTION APPROVED BY [Signature] DATE 2/1/99 APPLICANT [Signature] SITE ID NUMBER G10

WHEN APPROVED THIS IS YOUR PERMIT

mailed 9-8-98



COUNTY OF SONOMA
PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

2550 Ventura Avenue, Santa Rosa, CA 95403
(707) 527-1900 FAX (707) 527-1103

Field Operations • Code Enforcement • Permits • Environmental & Comprehensive Planning

9.3.98

Adobe Assoc.

415 Russell Ave

Santa Rosa Cal 95403

**CERTIFICATION OF PRIVATE SEWAGE DISPOSAL SYSTEM DESIGNED TO SERVE
PROPERTY AT:**

4525 Nusser

A review of our files, coupled with an on-site inspection, reveals that the private sewage disposal system designed by your firm has been installed, but to date we have received no statement nor certification that the installation complies with your design.

Therefore, we request that certification be submitted or a reply indicating why certification cannot be granted.

Thank you for your cooperation.

Sincerely,

District Environmental Health Specialist

c Sonoma County Building Inspection Department
Property Owner

Formcert.sav
LandU. 0500i



Town of Windsor
9291 Old Redwood Highway
P.O. Box 100
Windsor, CA 95492-0100
Phone (707) 838-1000
Fax (707) 838-7349

June 24, 1998

Nancy Lingafeldt
Sonoma County Permit and
Resource Management Department
Permit Division
2550 Ventura Avenue
Santa Rosa, CA 95403

Subject: Water service to 4525 Slusser Road

Dear Ms. Lingafeldt:

The above referenced property is currently being served with water from the Santa Rosa aqueduct through an exiting meter which is owned and maintained by the Sonoma County Water Agency. The Town of Windsor bills for the water used and collects payment. As long as the Sonoma County Water Agency continues to supply water to this property, the Town of Windsor will continue to bill for the usage.

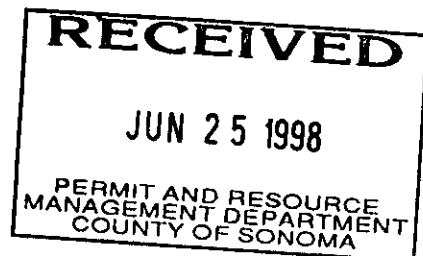
Sincerely,

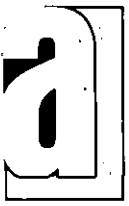
Michael J. Moon
Administrative Services Director

MJM:mep

cc: Ed Gomez
4525 Slusser Road
Windsor, CA 95492

I:\WP51\DOC\MEP\LETTERS\SCWA.WPD





January 25, 1999

Adobe
Associates, Inc.
Civil Engineering,
Land Surveying &
Land Development
Services

County of Sonoma
Permit and Resource Management Department
2250 Ventura Avenue
Santa Rosa, CA 95403

Att: Steve Lash

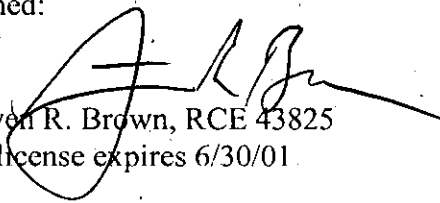
Site Address: 4525 Slusser Road, APN 066-280-030

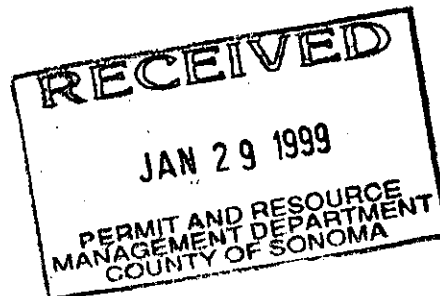
Job Number: 97149

Dear Steve:

This letter is to state that we have seen the installation of the private sewage disposal system on the above mentioned property and find it to be in substantial conformance with the approved plan and the enclosed "As Built" plan showing the revised winery configuration, tank locations, and interceptor drain. Modified design calculations are also enclosed for your records. If you have any questions regarding this information please feel free to call.

Signed:


Steven R. Brown, RCE 43825
my license expires 6/30/01



415
Russell Avenue
Santa Rosa
California
95403
707 526 2664
707 526 0331 - Fax
www.adobeinc.com



October 18, 1997

Adobe
Associates, Inc.
Civil Engineering,
Land Surveying &
Land Development
Services

Ed Gomez
4740 East Second Street, #30
Benicia, CA 94510


re: 4525 Slusser Road, APN 066-280-030

Dear Ed:

Transmitted herewith are application forms for the wastewater disposal system to serve your proposed winery at 4525 Slusser Road. Please sign the Homeowner's Statement and the Application form (in all three places), and return them to us along with a check made payable to the County of Sonoma in the amount of \$694 to cover the permit fee. We will be able to submit the plans the week of October 20. We will discuss with Steve Lash the possibility of obtaining the permit in time to begin construction this season.

If you have any questions regarding this information please feel free to call.

Sincerely,


Steven R. Brown, RCE 43825

1142
State Farm Drive
Santa Rosa
California
95403
707 526 2664
Fax: 707 526 0331



Adobe
Associates, Inc.
Civil Engineering,
Land Surveying &
Land Development
Services

County of Sonoma
Permit and Resource Management Department
2250 Ventura Avenue
Santa Rosa, CA 95403

Att: Steve Lash

Site Address: 4525 Slusser Road, APN 066-280-030

Job Number: 97149

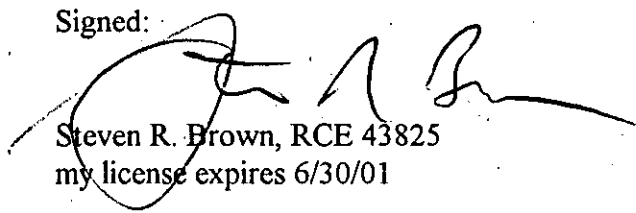
Dear Steve:

This letter is to accompany our septic system permit application for the proposed 15000 case winery on this site. Projected harvest flows are estimated to be 600 gallons per day based upon 15000 cases x 2.4 gal/case and 60 day crush period. We are proposing a peak flow safety factor of 1.2 (rather than 2.0) because of the proposed use of low flow fixtures throughout the winery operation, tanks sized for 8 day retention, use of an effluent filter on the septic tank, and installation of a dual field configuration. With the average percolation rate of 37 minutes per inch the line length requirements are 138 feet per 150 gallons of flow. The proposed dual 75 percent fields will provide 500 lineal feet of trench each side for the peak design flow of 725 gallons per day.

We are also proposing the connection of a half bath in the proposed winery to the existing three bedroom residential septic system. The winery is a family run operation and it is not projected that employees will be hired. The daily flows that may be generated by the winery bathroom will be insignificant to the design capacity of the residential system. We believe that the installation of a separate system to serve a single bathroom is unnecessary.

If you have any questions regarding this information please feel free to call.

Signed:


Steven R. Brown, RCE 43825
my license expires 6/30/01

1142
State Farm Drive
Santa Rosa
California
95403
707 526 2664
Fax: 707 526 0331



Adobe
Associates, Inc.
Civil Engineering,
Land Surveying &
Land Development
Services

Septic System Design Calculations Russian Hill Winery

Septic system design was prepared and permitted for a 15,000 case winery with a peak design flow of 725 gallons per day. Harvest flows were projected to be 600 gallons per day $[(15,000 \text{ cases} \times 2.4 \text{ gal/case})/60 \text{ day harvest}]$. A safety factor of 1.2 was used for peak design flows by proposing dual leach fields, effluent filters in the septic tank and an eight day retention time. Peak design flow was calculated to be 725 gallons per day. Dual 75 percent fields of 500 lineal feet of filled land system trench was permitted.

The revised winery operation includes the provision for wine tasting and special events to accommodate 130 visitors. By reducing the winery production capacity to 8000 cases the domestic flows from the visitors can be accommodated in the system design. Using similar criteria to the above we reduce the design flows for the winery to a peak loading of 400 gallons per day $\{[(8,000 \text{ cases} \times 2.4 \text{ gal/case})/60 \text{ day crush}] \times 1.25 \text{ safety factor}\}$. This is to be accommodated by dual 75 percent fields of 300 feet each, and a 150 percent reserve. The domestic field was designed for 130 visitors at 2 gallons each and the provision for 4 employees at 15 gallons each. This design flow is accommodated in a system providing 300 feet of system trench and a 200 percent reserve.

The existing tree bedroom system remains in service and the plans account for a 200 percent reserve area.

415

Russell Avenue

Santa Rosa

California

95403

707 526 2664

707 526 0331 - Fax

www.adobeinc.com



COUNTY OF SONOMA
DEPARTMENT OF EMERGENCY SERVICES
FIRE SERVICES • EMERGENCY MANAGEMENT • HAZARDOUS MATERIALS

Timothy J. Exline, Director

MEMO

TO: Nancy Lingafeldt, R.E.H.S.

FROM: Eleanor Ratliff, DES

DATE: November 9, 1998

SUBJECT: Inter-Office Memo on Hazardous Referral-

☒ If a hazardous waste is generated or a hazardous material is stored, the applicant shall comply with hazardous waste generator laws and AB 2185 requirements and obtain a permit or approval from the C.U.P.A. or the participating agency. (Additional information and fees may apply)

-
- The applicant of Project has applied for a hazardous materials and hazardous waste permit. Upon final review the permit will be issued.
 - The applicant is currently under permit # _____, and is in compliance with hazardous materials regulations.
 - The applicant has not applied for the required permit.
 - This business does not require a permit due to the small amount of hazardous materials used or being stored.
 - From the information provided, this project does not, at this time, require a hazardous materials permit. If, in the future, this site handles, uses or stores hazardous materials in reportable quantities, a permit must be obtained from this office.
 - Other: Russian Hill Estate Winery, 4525 Slusser Road Windsor, Ca 95492 (VUE 98.0040)



Cal/EPA

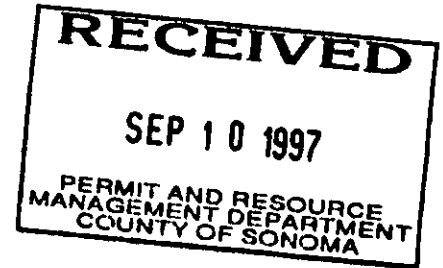
Pete Wilson
Governor

September 9, 1997

**North Coast
Regional Water
Quality Control
Board**

5550 Skylane Blvd
Suite A
Santa Rosa, CA
95403
(707) 576-2220
FAX (707) 523-0135

Nancy Lingafeldt
Environmental Health Sanitarian
Permit and Resource Management Department
2550 Ventura Avenue
Santa Rosa, CA 95403



Dear Ms. Lingafeldt:

Subject: Russian Hill Estate Vineyards, 4525 Slusser Road, Windsor, CA 95492
AP# 066-280-030

On August 28, 1997, Andrea L. Anderson, Beer & Wine Services, Inc., submitted information to the Regional Water Board detailing winery processes and wastewater disposal for the subject site. Up to 1,200 gallons of wine will be produced annually resulting in approximately 500 cases of wine. The first year production is anticipated to be under 300 gallons of wine. All grapes will be crushed and pressed off site. An existing former kennel will be used to ferment Chardonnay. Other wines will ferment in picking bins, small stainless steel tanks and barrels, or oak barrels. Fermentation will be conducted under a roof, as well as the bottling operations. Finished cases of wine will be sent to a storage facility.

The winery will generate peak wastewater flows during crush, up to 30 gallons per day. All wastewater generated during the wine making process will be captured in picking bins. Prior to utilizing the wastewater for irrigation, pH and acid levels will be measured.

The proposed facility is an extremely small winery, producing insignificant amounts of wastewater. Normally our agency does not regulate these small wineries. The proposed method of wastewater disposal appears to be appropriate and the proposed winery does not need to be regulated by our agency at this time. However, should the winery wastewater be improperly managed, cause odor problems, flow into any surface waters or waterways, we may need to revise our initial appraisal of the project. If Russian Hill Estate Vineyards proposes to increase annual production in excess of 500 cases per year, our agency should be notified.

Once again, the proposed method of wastewater disposal appears to be appropriate and the proposed winery does not need to be regulated by our agency at this time.

Nancy Lingafeldt
September 9, 1997
Page 2

Should you have any questions, call me at (707) 576-2708.

Sincerely,



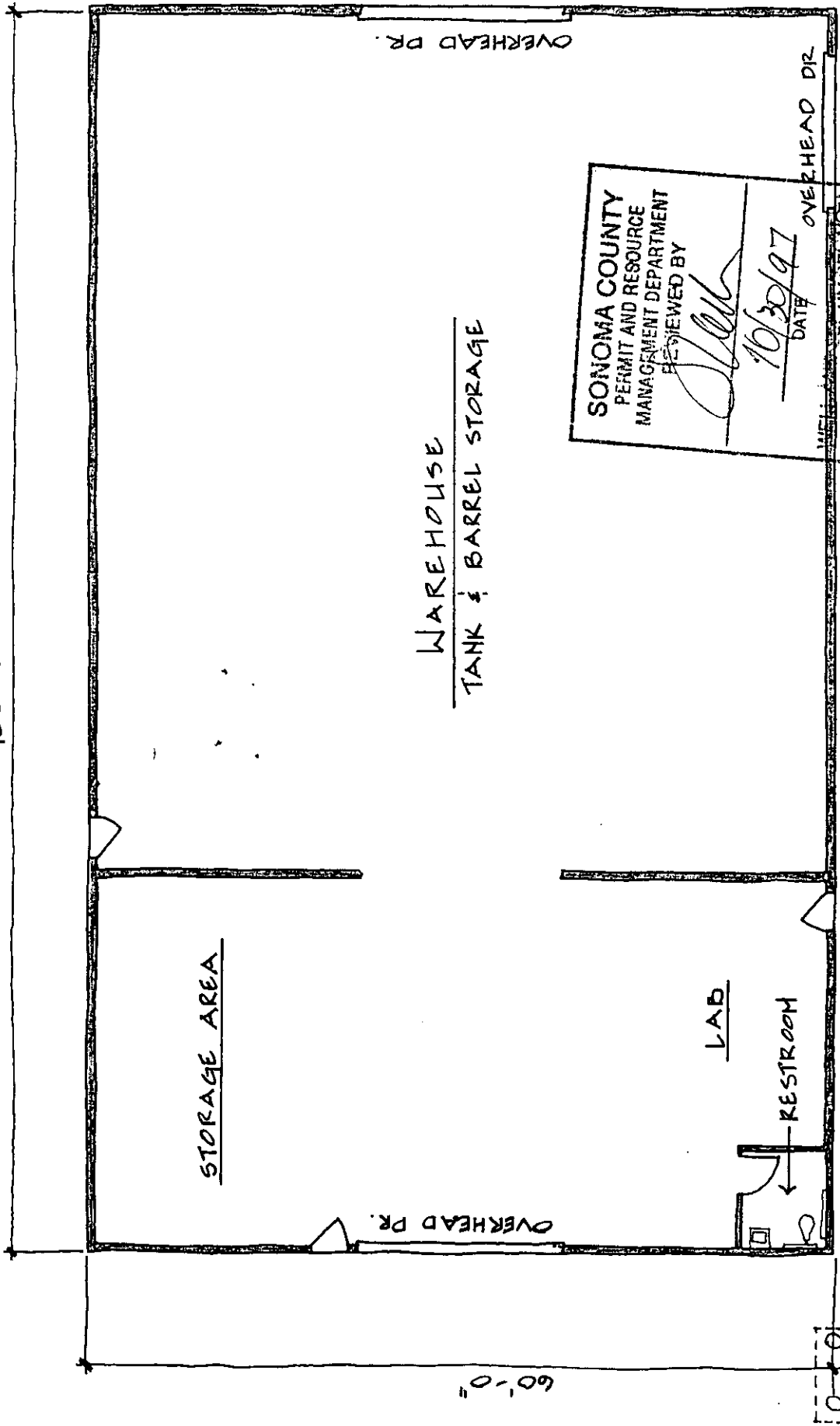
Rhonda Raymond
Sanitary Engineering Technician Trainee

RLR:lmf/4525slus.wpd

cc: Andrea L. Anderson, Beer & Wine Services, Inc., 211 Wapoo, Suite 202,
Calistoga, CA 94515

Edward C. Gomez, Ellen E. Mack and Patrick J. Melley, 4740 E. Second Street,
Unit 33, Benicia, CA 94510

100'-0"



WAREHOUSE
TANK & BARREL STORAGE

STORAGE AREA

LAB

RESTROOM

OVERHEAD DR.

OVERHEAD DR.

OVERHEAD DR.

SONOMA COUNTY
 PERMIT AND RESOURCE
 MANAGEMENT DEPARTMENT
 REVIEWED BY *[Signature]*
 DATE 10/30/97
 WELL SECTION

60'-0"

WELL SECTION

(E) SEPTIC

PRELIMINARY BUILDING LAYOUT

GREGOR & ASSOC.
HEALDSBURG CA.

RUSSIAH HILL WINERY
4525 SLUSSER ROAD
WINDSOR CA.