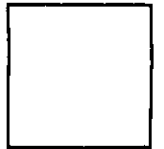


Type



Plans

BLD12 - 2846

Permit Number

2510

Street Number

Hwy 116 S.

Street Name

TW1

Community Code

063-140-060

APN

**COUNTY OF SONOMA**  
**PERMIT AND RESOURCE MANAGEMENT DEPARTMENT**

2550 VENTURA AVENUE, SANTA ROSA, CA 95403-2829  
(707) 565-1900 FAX (707) 565-1103

**Building Permit Invoice: BLD12-2846**

**Project Address:** 2570 HWY 116 S TWI  
**Cross Street:** OLD GRAV HWY

**APN:** 063-140-060  
**Description:** BARN HORSE STALLS  
**Res/Com:** R  
**Std/Quick:** Q  
**Fire District:** GOLD RIDGE FPD

**Printed:** Thursday, November 15, 2012  
**Initialized by:** CCAMILLE  
**Activity Type:** B-BLD 1201

**Insp Area:** 07  
**Site Review File #:** @ 1ST INSPECTION  
**Site Review Fees Paid:** \$147.00; \$0.00; \$0.00

**Owner:** ZWART JOHN J  
2570 GRAVENSTEIN HWY S  
SEBASTOPOL CA 95472-5266

**Applicant:** RES-COM CONSTRUCTION INC  
PO BOX 1734  
SEBASTOPOL CA 95473  
707 829 0253

**Valuation:**

Occupancy	Type	Factor	Sq Feet	Valuation
Other Valuations	Barns -Type V-N	17.28	432	\$7,464.96
	Totals...		432	\$7,464.96*

**Fees:**

Item#	Description	Account Code	Tot Fee	Prev. Pmts	Cur. Pmts
50	S.M.I.P. RESIDENTIAL	327023-4040	.75	.00	.00
52	CA BLDG STANDARDS SB1473	327031-4040	1.00	.00	.00
60	BLDG PERM PLAN CHECK FEE	025015-1341	182.58	.00	.00
100	SITE REVIEW/ELEV CERT	025015-1341	147.00	.00	.00
132	BUILDING PERMIT FEE	025015-1341	288.59	.00	.00
140	TECH ENHANCEMENT FEE	025015-4040	48.00	.00	.00
145	PLAN ADMIN FEE	025700-3162	43.29	.00	.00
366	CLEARANCE OFFICE REVIEW	025015-1342	96.00	.00	.00
735	NPDES - BUILDING	025015-1350	34.63	.00	.00
1165	ZONING PERMITS W/O D.R.	025015-3829	143.00	.00	.00
			<b>\$984.84</b>	<b>\$0.00</b>	

**Total Fees:** \$984.84

**Total Paid:** \$0.00

**Balance Due:** \$984.84

**Development Fees Deferred until Occupancy or Final:** \$0.00

"Refunds of fees paid may be made pursuant to Section 108.6 of Appendix 1 of the California Building Code and adopted model codes, subject to the following: 1) 100% of a fee erroneously paid or collected. 2) 90% of the plan review fee when an application for a permit is withdrawn or canceled or expires or becomes void before any plan review effort has been expended. No portion of the plan review fee shall be refunded when any plan review effort has been expended. 3) 90% of the building, plumbing, electrical, and/or mechanical fee may be refunded when a permit is withdrawn, or cancelled or expires or becomes void before any work was done and before any inspections are performed. No portion of these fees shall be refunded when any work was done and/or any inspections have been performed. 4) Application for refund must be made within one year of the date the fee is paid."

When validated below, this is your receipt.  
This Building Permit shall EXPIRE

# COUNTY OF SONOMA - PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

2550 Ventura Avenue, Santa Rosa, CA 95403 (707) 565-1900 FAX (707) 565-1103

Please Print Your Name: **CALEB ZWART** Date Applied: **6-25-12**

## INFORMATION WITHIN HEAVY LINE TO BE COMPLETED BY APPLICANT

### SITE LOCATION INFORMATION - PRINT CLEARLY

Site Address: **2570 GRAVENSTEIN HWY S** City: **SEBASTOPO** ZIP: **95472**  
 Cross-Street: **OLD GRAVENSTEIN HWY S** APN: **063-140-060** Project Phone #: **(707) 478-4664** Project Fax #: **( )**  
 Directions: \_\_\_\_\_ Email address: **JZWART@CAZHIWK.NET** Unit # \_\_\_\_\_ Lot # \_\_\_\_\_  
 Describe Project: **HORSE STALLS** Living Area \_\_\_\_\_ Garage \_\_\_\_\_ Decks **432** Contract Price: \_\_\_\_\_

### OWNER NAME AND ADDRESS

Name: **JOHN ZWART**  
 Mailing Address: **2570 GRAVENSTEIN HWY S**  
 City: **SEBASTOPO** State: **CA** ZIP: **95472**  
 Day Ph: **(707) 975-7010** Fax: **( )**

### APPLICANT NAME AND ADDRESS

Name: **CALEB ZWART**  
 Mailing Address: **520 LAUREL GROVE CIR**  
 City: **SANTA ROSA** State: **CA** ZIP: **95402**  
 Day Ph: **(707) 478-4666** Fax: **( )**

### CONTRACTOR INFORMATION

Company Name: **RES-COM CONSTRUCTION INC**  
 Address: **652 PETALUMA AVE SUITE D1**  
 City: **SEBASTOPO** State: **CA** ZIP: **95472**  
 Day Ph: **(707) 829-1486** Fax: **( )**

### OTHER PERSONS (ARCHITECT, ENGINEER, ETC.)

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_  
 Day Ph: **( )** Fax: **( )**  
 License No: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

### WORKER'S COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:  
☐ I have and will maintain a certificate of consent to self-insure for worker's compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.  
☐ I have and will maintain worker's compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My worker's compensation insurance carrier and policy number are:

Carrier: **BENCHMARK INS. COMPANY**  
 Policy No: **CST5002074**

(This section need not be completed if the permit is for one hundred dollars (\$100) or less.)  
☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the worker's compensation laws of California, and agree that if I should become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Exp. Date: **10/01/12** Applicant: **RES-COM CONSTRUCTION INC**

**WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.**

### OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).):

- ☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044 Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.).
- ☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.).
- ☐ I am exempt under Sec. \_\_\_\_\_ B & P.C. for this reason \_\_\_\_\_

By my signature below I acknowledge that, except for my personal residence in which I must have resided for at least one year prior to completion of the improvements covered by this permit, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request when this application is submitted or at the following website: <http://www.leginfo.ca.gov/calaw.html>.

Date: \_\_\_\_\_ Signature of Property Owner or Authorized Agent: \_\_\_\_\_

### LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Lic. Class: **B** Lic. No.: **947119**

Exp. Date: **6/25/12** Contractor: **RES-COM CONSTRUCTION INC**

### ASBESTOS DECLARATION

Written asbestos notification pursuant to Part 61 of Title 40 of the Code of Federal Regulations is required when asbestos exists in buildings, or portions thereof, undergoing demolition. I hereby declare that demolition authorized by this permit is from construction that ( ) does ( ) does not contain asbestos, or that ( ) no demolition is authorized by this permit.

I certify that I have read this application and affirm under penalty of perjury that the above information is correct. I agree to comply with all local Ordinances and State laws relating to building construction. I hereby authorize representatives of the County of Sonoma to enter upon the above-mentioned property for inspection purposes. If, after making the Certificate of Exemption for the Worker's Compensation provision of the Labor Code I should become subject to such provisions, I will forthwith comply. In the event I do not comply with the Workman's Compensation law, this permit shall be deemed revoked.

PERMITTEE SIGNATURE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ ZIP: \_\_\_\_\_

☐ Contractor ☐ Owner ☐ Other Licensed Professional

**THIS PERMIT SHALL EXPIRE IN THREE(3) YEARS FROM DATE FEES ARE PAID UNLESS OTHERWISE NOTED BY CODE ENFORCEMENT**

### CONSTRUCTION LENDING DECLARATION

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued. (Sec. 3097, Civ. C.).

Lenders Name: \_\_\_\_\_  
 Lenders Address: \_\_\_\_\_

### FOR DEPARTMENT USE

Zoning: **RR B6-2a** Subdiv. No.: **SEA** Acres: **2.03**  
 Existing Use/Structures: \_\_\_\_\_  
 Proposed Use/Structures: **new horse stable**  
 Zoning Min. Yard Requirements: Front **20** Left **10** Right **10** Back **20**  
 NOTE: Fire Safe Standards require all parcels greater than 1 Acre to have a min. 30' setback unless mitigated. ☐ Mitigation Required ☐ Address subject to change

Approval for Permit Issuance: \_\_\_\_\_ Approval for Occupancy: \_\_\_\_\_

By: \_\_\_\_\_ Date: **11/13/12**

Conditions: **Set 26-18-030(F)(4) requires 20 ft setback for horse stables. No design review required.**

Sewer Connection: ☒ Available ☐ Fees Paid

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Road Encroachment: ☐ Fees Paid

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Septic System Permit/Clearance #: **SEP12-0528**

Approved by: **W. E.** Date: **11/13/12**

Flood Zone: ☐ Yes ☒ No 100 Year Flood Elevation: \_\_\_\_\_

Site Review: \_\_\_\_\_

Drainage Review: \_\_\_\_\_

Approved by: **W. E.** Date: **7/23/12**

Fire: \_\_\_\_\_

Approved by: **W. E.** Date: **11-15-12**

Code Enforcement Violation ☐ Yes ☒ No Violation #: \_\_\_\_\_

This permit is limited to \_\_\_\_\_ days.

Work Authorized: **horse stall/barn**

☒ Plans Approved ☐ Post FIRM ☐ Alquist Priolo Report Available

☐ No Plans Subject to Field Inspection ☐ Pre FIRM ☐ Geotechnical report Available

Plancheck Cleared By: **J. E.** Date: **11/14/12** Type of Construction: **VB** Occupancy: **U** No. of Stories: **1** No. of Bedrooms: **0**

Permit Cleared for Issuance By: **J. E.** Date: **11/15/12** Auto. Fire Sprinkling Req'd: **NO** No. of Units: \_\_\_\_\_ Certificate of Occupancy: \_\_\_\_\_

Machine Space for Permit Fee

**PAYMENT RECEIVED**

**NOV 15 2012**

Distribution: White - File Canary - Applicant Blue - Assessor Cardstock - Inspector

JOB ADDRESS: **2570 HWY 116 S** PERMIT NUMBER: **818121-2846** INSPECTION AREA: **7**

131) SPECIAL INSPECTION REQUIRED		<input type="checkbox"/> YES	<input type="checkbox"/> NO	IF YES, SEE ADDITIONAL SHEET	
INSPECTION RECORD		DATE	NAME	REMARKS	
101)	ROUGH GRADING			Barn	
103)	FOUNDATION				
	FORMS/SETBACK				
	FOOTING				
	WALLS	12-12-12	RP		
106)	UFER GROUND #				
104)	CAISSONS/PIERS				
105)	SLAB				
107)	UNDERGROUND UTILITIES				
110)	MASONRY				
109)	RETAINING WALLS				
113)	FIREPLACE				
	FOOTING				
	HEARTH/PROTECTION				
	THROAT				
114)	CHIMNEY				
120)	UNDERFLOOR/UNDERSLAB				
115)	HYDRONICS				
116)	U/F ELECTRICAL				
117)	U/F MECHANICAL				
118)	U/F PLUMBING				
119)	U/F FRAMING				
139)	U/F INSULATION				
126)	SHEAR WALLS				
	<input type="checkbox"/> INTERIOR		<input type="checkbox"/> EXTERIOR		
127)	DIAPHRAGMS				
	<input type="checkbox"/> ROOF		<input type="checkbox"/> FLOOR		
134)	SIDING/SHEATHING				
125)	HOLD DOWNS				
132)	CLOSE-IN				
122)	ROUGH ELECTRICAL				
123)	ROUGH MECHANICAL				
124)	ROUGH PLUMBING				
128)	ROUGH FRAME	12-12-12	RP		
160)	SMOKE DETECTORS				
139)	INSULATION				
142)	WALLBOARD				
143)	FIREWALLS				
135)	STUCCO/PLASTER				
	<input type="checkbox"/> LATH		<input type="checkbox"/> SCRATCH		
137)	ROOFING				
130)	TUB/SHOWER PAN				
162)	FIRE DAMPERS/DOORS				
164)	SUSPENDED CEILING				
	<input type="checkbox"/> ROUGH ELEC.		<input type="checkbox"/> ROUGH MECH.		
165)	EXITING - RAMPS/STAIRS				
163)	HANDRAILS/GUARDRAILS				
	CORRIDORS/DOORS				
166)	ACCESSIBILITY COMPLIANCE				
144)	WATER TANKS				
	<input type="checkbox"/> SLAB		<input type="checkbox"/> WALLS		
170)	TEMPORARY OCCUPANCY				
171)	TEMPORARY ELECTRICAL				
172)	TEMPORARY GAS				
174)	ELECTRIC METER AUTHORIZATION				
152)	PANEL BOARDS/SERVICE				
189)	SEPTIC ELECTRIC FINAL				
175)	GAS METER AUTHORIZATION				
153)	GAS PRESSURE TEST				
	HOUSE		YARD		
190)	MANUF. HOME FOUNDATION				
191)	MANUF. HOME INSTALLATION				
	CONTINUITY				
	STAIRS/SKIRTS				
	RIDGE BOLTING				
193)	MANUF. HOME COND. FINAL				
	SWIMMING POOLS				
194)	PRE-GUNITE				
195)	PRE-DECK				
196)	PRE-PLASTER/FENCE				
197)	VINYL/FIBERGLASS POOL EXCAVATION				
102)	GRADING FINAL				
176)	ELECTRICAL FINAL				
177)	MECHANICAL FINAL				
178)	PLUMBING FINAL				
199)	FINAL	12-12-12	RP		
OCCUPANCY (OK TO OCCUPY)				PLAN RETENTION REQUIRED?	
				<input type="checkbox"/> Yes <input type="checkbox"/> No	

- 650) SUSMP INSPECTION
- 651) NPDES EROSION COMPLIANCE
- 652) NPDES SEDIMENT COMPLIANCE
- 653) NPDES DOCS/SWPPP
- FIRE INSPECTION REQUIRED
- DATE
- NAME
- ☐ Yes ☐ No
- 759) KNOX BOX
- 760) PROPANE TANK HOLD DOWNS
- 770) SPRINKLER FINAL
- 771) ABOVEGROUND HYDROSTATIC
- 772) UNDERGROUND HYDROSTATIC
- 773) UNDERGROUND FLUSH
- 774) THRUST BLOCKS
- 775) PIPE WELD
- 776) HYDRANTS/APPLIANCES
- 777) PUMP ACCEPTANCE
- 778) WATER SUPPLY/TANK
- 779) ALARM SYSTEM
- 780) HOOD & DUCT SYSTEM
- 781) ABOVEGROUND TANK/DISPENSER
- 198) FIRE FINAL

CLEARANCES:

FIRE ☐ Local ☐ County

HEALTH DEPARTMENT

ZONING

SANITATION

PERMIT # 61812-2846

# Grading Permit Questionnaire

GRD - 002

**Purpose:** To assist applicants in determining if a grading permit is required for a proposed project.

**Background:** Grading is the removal and/or the deposition of earth material by artificial means. Earth material is defined as any rock or natural soil or combination thereof. Grading is generally a combination of excavation (cuts) and placement (fill) of soil. Common examples of grading include constructing a driveway, creating a building pad for further development, or stabilizing a slope. A grading permit is required prior to commencing any grading or related work, including preparatory site clearing and soil disturbance, except where exempted from permit requirements by Section 11.04.020 of the Sonoma County Code.

To determine if a project requires a grading permit, please answer the following questions. If any questions cannot be answered, contact a design professional for assistance and/or consult with the Permit and Resource Management (PRMD) Grading & Storm Water staff. **Incorrect answers may cause delays processing and/or issuing the permit(s) for the project.**

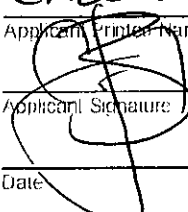
- ☐ Yes ☒ No ☐ Unknown 1. Does the project include cuts or fills exceeding 50 cubic yards of soil?
- ☐ Yes ☒ No ☐ Unknown 2. Does the project include a cut greater than 2 feet in depth?
- ☐ Yes ☒ No ☐ Unknown 3. Does the project create a cut slope greater than 5 feet in height and steeper than 2:1 (H:V)?\*
- ☐ Yes ☒ No ☐ Unknown 4. Does the project include a fill greater than 3 feet in depth?
- ☐ Yes ☒ No ☐ Unknown 5. Does the project include fill between 1 foot and 3 feet in depth, and not intended to support a structure or surcharge, and placed on terrain with a natural slope steeper than 15%?
- ☐ Yes ☒ No ☐ Unknown 6. Does the project include fill greater than 1 foot in depth and intended to support a structure or surcharge?
- ☐ Yes ☒ No ☐ Unknown 7. Does the project include any fill within the Flood Prone Urban Area (FPUA)? See map on reverse side of this form for the location of the FPUA.
- ☐ Yes ☒ No ☐ Unknown 8. Does the project include any fill within a Special Flood Hazard Area designated by FEMA as subject to flooding by the 1% annual chance flood (100-year flood)?

\* A "No" answer may be selected for excavations below finished grade for basements, tanks, vaults, swimming pools, and footings of a building, retaining wall, or other structure, where authorized by a valid building permit.

## Acknowledgment:

I, as the applicant, understand that a "Yes" answer to **any** of the above questions means that a grading permit is required for my proposed project. Furthermore, the grading permit must be approved before a building permit can be approved for the site. If any answers are "Unknown" to me, I should contact my design professional immediately to determine if a grading permit is required.

CALEO ZWART  
Applicant Printed Name

  
Applicant Signature

6/25  
Date

2570 GRAVENSTEIN HWY S  
Property Address: SEBASTOPOL, CA

063-140-060  
Assessor's Parcel Number(s)

Bld 12-2866  
Building Permit Number(s)

**D. P. DORING**  
STRUCTURAL ENGINEER

216 CLEVELAND COURT • MILL VALLEY, CALIFORNIA 94941 • (415) 381-5662 • FAX (415) 389-1578

December 12, 2012

To: County of Sonoma  
Permit and Resources Management Department  
2550 Ventura Avenue  
Santa Rosa, CA 95403

Re: Zwart Residence - Stalls  
2570 Gravenstein Hyw. South  
Sebastopol, CA

Permit No.: BLD12-2846  
APN: 063-140-060

Partial Structural Observation Report:

This is to certify that in accordance with Section 1710 of the 2010 California Building Code, I have provided structural observation of the following items:

1. Reinforcing Steel for the Stall foundation and hand dug piers.

Based upon visual inspections performed, it is my professional judgment that the work requiring structural observation is substantially in conformance with the plans

Sheets S-1 and S-2 dated June 20, 2012

and the specifications and the workmanship provisions of the code.

Respectfully submitted,

Respectfully submitted,



Detlev Doring  
Structural Engineer



**DETLEV DORING, S.E., INC.**  
STRUCTURAL ENGINEER  
216 CLEVELAND COURT  
MILL VALLEY, CALIFORNIA 94941  
PHONE (415) 381-5662 • FAX (415) 389-1578

## **STRUCTURAL CALCULATIONS FOR**

### **STALL**

**ZWART RESIDENCE  
2570 GRAVENSTEIN HWY.  
SEBASTOPOL, CALIFORNIA**

**AP # 063-140-060**

**June 20, 2012**

**JOB # 64D.12**

### **INDEX**

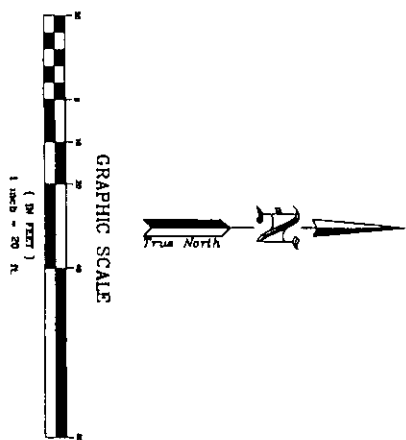
**VERTICAL LOADS  
LATERAL LOADS  
WIND  
SEISMIC  
SHED FRAME DESIGN**



**1-3  
2  
3  
4-5  
6-10**



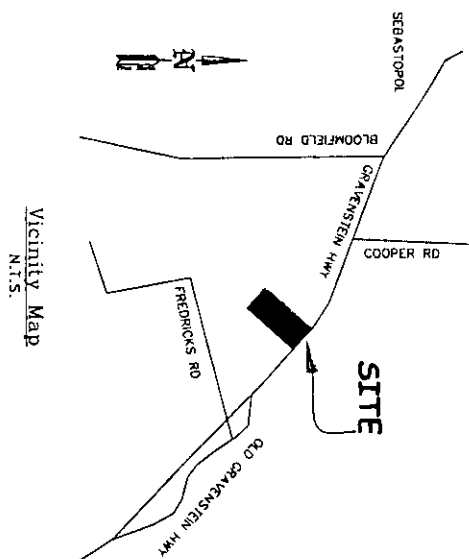
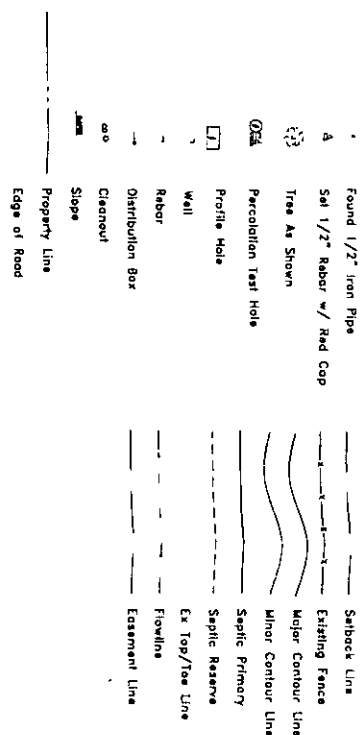




Field clearance  
for the proposed  
horse barn.

SONOMA COUNTY  
PERMIT AND RESOURCE  
MANAGEMENT DEPARTMENT  
REVIEWED BY  
PERMIT # SEPR12-0528  
CA: Nguy  
DATE 11/02/12  
WELL AND SEPTIC SECTION

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



Revisions | By

License # 947119

RES-COM CONSTRUCTION  
INC.

852 Pelatuma Ave. Suite D1, Sebastopol, Ca. 95472 (707) 829-1988 fax (707) 823-8712

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

SITE  
2570 GRAVENSTEIN HWY S.  
SEBASTOPOL, CA  
A.P.N.:063-140-060

Date 8/14/2012

**Scale 1" = 20'**

**Dr. Wm. C. J. Z.**

Job 2570

File 2010.6.13.1.

Sheet 1

2.

100