

## Margie Castellanos

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**From:** CDA Admin [spemail@co.nevada.ca.us]  
**Sent:** Monday, February 29, 2016 10:50 AM  
**To:** Margie Castellanos  
**Subject:** Public Record Request - Teresa Dietrich

[CDA Admin](#)

### ***Teresa Dietrich*** has been added

[Modify my alert settings](#) | [View Teresa Dietrich](#) | [View Public Record Request List](#) | [Mobile View](#)

**Request Date:** 2/29/2016  
**Requestor Name:** Teresa Dietrich  
**Requestor Type:** Realtor  
**Telephone:** 5303626806  
**Email:** [goldcountryranches@gmail.com](mailto:goldcountryranches@gmail.com)  
**APN:** 25-390-39-000  
**Mailing Address:** po box 2684  
Grass Valley, CA 95945

**Preferred Contact Method:** Email  
**Site Address:** 11190 Shire Ct  
Grass Valley, CA 95949  
**Type of Records:** Permits; Site Plan; Septic/Well Info  
**Due Date:** 3/10/2016  
**Source:** On-line submittal  
**Comments:** Any and all permits please  
**Calculated Date Due:** 3/10/2016

Last Modified 2/29/2016 10:47 AM by Information SP. Calls

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NEVADA COUNTY DEPARTMENT  
OF  
ENVIRONMENTAL HEALTH

950 Maidu Ave  
Nevada City, CA 95959  
(916) 265-1452  
FAX (916) 265-7056

10075 Levone Ave., Suite 105  
Truckee, CA 96161  
(916) 582-7884  
FAX (916) 582-0712

JOB NUMBER: 45-06467  
APN: 25 — 390 — 39  
PERMIT NUMBER  
No 6614  
*Both Assessor's Parcel Number  
and Permit Number must  
show on Well Driller's Report.*

APPLICATION/PERMIT TO CONSTRUCT, REPAIR OR DESTROY A WELL

Property Owner's  
Owner: Gene Fleitas & Susan Chalpin Mailing Address: 11279 Marjon Dr., Nevada City, CA 95959

Job Site Address: 11190 Shire Court City: Grass Valley Zip: 95949

Nearest Cross Street: Access off Stony Brook Parcel Acreage: 4.87 Ac

PROPOSED WORK: ☐ New Well ☒ Deepening ☐ Destruction

☐ Repair or Modification: *(proposed work)*

TYPE OF WELL: ☒ Class I ☐ Class II ☐ Monitoring PROPOSED USE: Domestic

CASING TYPE: ☐ Plastic ☐ Steel Diameter \_\_\_\_\_ Wall Thickness or Gauge \_\_\_\_\_

SEALING MATERIAL: ☐ Bentonite ☐ Concrete ☐ Other *(please specify)* \_\_\_\_\_

PROPOSED SEAL DATE AND TIME: Date \_\_\_\_\_ Time will call

WELL CONTRACTOR: Peters' Drilling & Pump Service, Inc. C-57 License No 456136

Business Address: P.O.Box 1546 Grass Valley, CA 95945 Phone: (530) 273-8136

I hereby certify that the work described in this application will be done in accordance with the provisions of the Nevada County Land Use and Development Code, Chapter X, pertaining to well construction, repair, modification, deepening, and destruction. Within 90 days of completion of work, I will furnish the Nevada County Department of Environmental Health a complete and accurate copy of the water well "Driller's Report"; DWR form No. 188.

WELL CONTRACTOR ☒ Jerry Murphy DATE 3/6/02

PERMIT EXPIRES ONE YEAR FROM DATE OF ISSUE

DEPARTMENT USE ONLY—Do Not Write Below This Line

PERMIT REQUIREMENTS: Maintain All County Set-Back Requirements Including 25 Feet Minimum From Well to Waste Plumbing Within A Structure. "Permit cannot be issued because well is in a road easement"

Easement has been abandoned. Report on file.

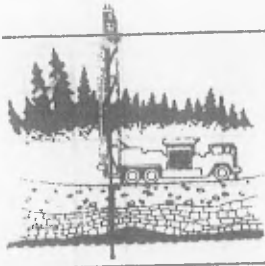
Permit Issued By Reg Powell Date 3-11-02

SEAL: Date \_\_\_\_\_ Depth \_\_\_\_\_ Inspector \_\_\_\_\_

COMPLETED WELL: Date Completed \_\_\_\_\_ Total Depth \_\_\_\_\_ Yield\* \_\_\_\_\_

Construction Final Approval By \_\_\_\_\_ Date \_\_\_\_\_

\* NOTE: This rate is provided by the well driller and is stated solely for the purpose of obtaining clearance for a building permit. For this purpose, this well yield is valid for one (1) year from date of well completion. Well yield can change over time.



**PETERS'**  
DRILLING &  
PUMP SERVICE

**APPROVED**

NEVADA COUNTY

ENVIRONMENTAL HEALTH DEPARTMENT

DATE: 3-11-02

BY: [Signature]

FOR: Class Well Deepening #66145-6467

P.O. Box 1546

Grass Valley, CA 95945

Grass Valley (530) 273-8136

FAX (530) 273-1213

Solfax (530) 346-6210

Auburn (530) 888-7311

Lincoln (916) 645-9692

Yuba County (530) 751-9009

Contractors Lic. No. 456136

1" = approx 110'

Stony Brook Circle



Gene Flertag & Susan Chalpin  
11190 Shine Ct  
APN 25-390-39  
Permit # 6614

NEVADA COUNTY DEPARTMENT  
OF  
ENVIRONMENTAL HEALTH

DeStroy  
N/c

950 Maidu Ave  
Nevada City, CA 95959  
(530) 265-1452  
FAX (530) 265-7056

10075 Levone Ave., Suite 105  
Truckee, CA 96161  
(530) 582-7884  
FAX (530) 582-0712

JOB NUMBER: 45-06471  
APN: 25-390-39  
PERMIT NUMBER  
No 6396  
Both Assessor's Parcel Number  
and Permit Number must  
show on Well Driller's Report.

APPLICATION/PERMIT TO CONSTRUCT, REPAIR OR DESTROY A WELL

Property Owner: Susan Chaplin Owner's Mailing Address:  
Job Site Address: 11190 Shire CT City: Grass Valley Zip: 95949

Nearest Cross Street: Parcel Acreage:

PROPOSED WORK: ☐ New Well ☐ Deepening ☒ Destruction (Include diagram of proposal)

☐ Repair or Modification: (proposed work)  
(Include diagram of proposal)

TYPE OF WELL: ☒ Class I ☐ Class II ☐ Monitoring PROPOSED USE:

Angular Seal Depth Proposed: ☒ Plastic ☐ Steel Diameter Wall Thickness or Gauge

SEALING MATERIAL: ☒ Bentonite ☐ Concrete ☐ Other (please specify)

Sealing Application: ☐ Pumped/Tremie ☐ Dropped into Water

PROPOSED SEAL DATE AND TIME: Date Tremie Time

WELL CONTRACTOR: Peters C-57 License No. 456136

Business Address: P.O. Box 1546 Grass Valley Phone: 273-8136

I hereby certify that the work described in this application will be done in accordance with the provisions of the Nevada County Land Use and Development Code, Chapter X, pertaining to well construction, repair, modification, deepening, and destruction. Within 90 days of completion of work, I will furnish the Nevada County Department of Environmental Health a complete and accurate copy of the water well "Driller's Report"; DWR form No. 188.

WELL CONTRACTOR X Lee for DATE 3-11-02

PERMIT EXPIRES ONE YEAR FROM DATE OF ISSUE

DEPARTMENT USE ONLY—Do Not Write Below This Line

PERMIT REQUIREMENTS: Maintain All County Set-Back Requirements Including 25 Feet Minimum From Well to Waste Plumbing Within A Structure.

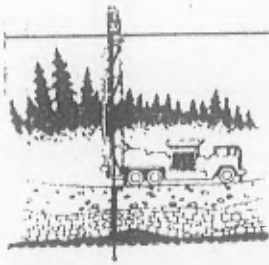
Permit Issued By May Powell Date 3-13-02

SEAL: Date 3-11-02 Start Depth Inspector May Powell

COMPLETED WELL: Date Completed 3-11-02 Total Depth Yield\*

Construction Final Approval By May Powell Date 4-03-02

\* NOTE: This rate is provided by the well driller and is stated solely for the purpose of obtaining clearance for a building permit. For this purpose, this well yield is valid for one (1) year from date of well completion. Well yield can change over time.



# PETERS'

DRILLING &  
PUMP SERVICE

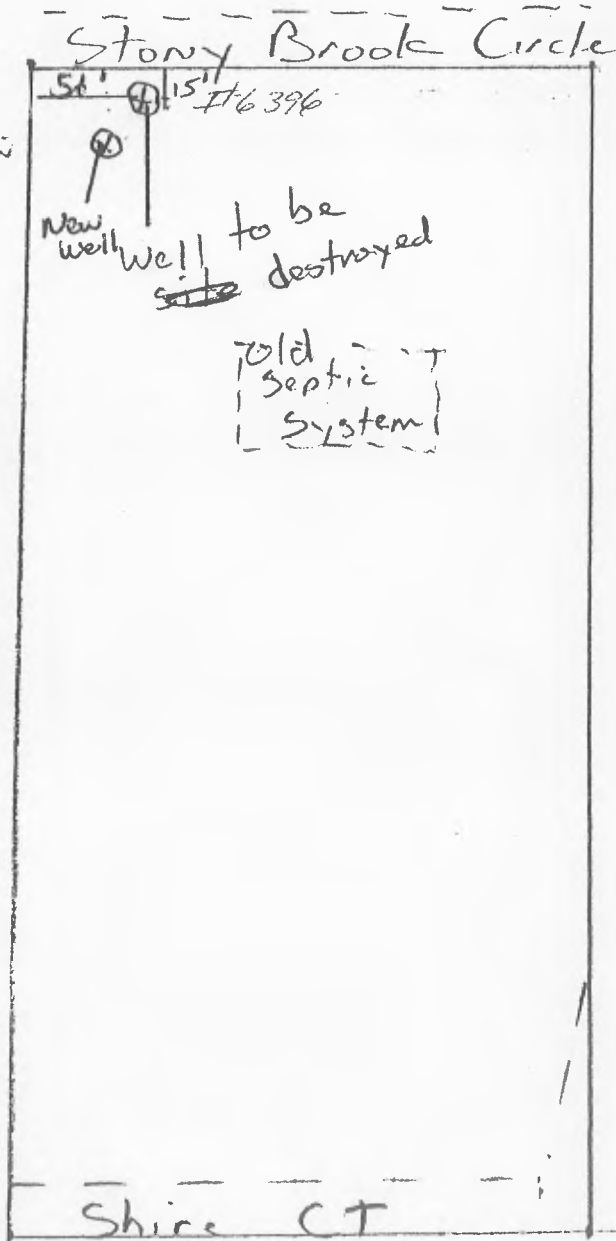
1" = approx 110'

P.O. Box 1546  
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FAX (530) 273-1213

Colfax (530) 346-6210  
Auburn (530) 888-7311  
Lincoln (916) 645-9692  
Yuba County (530) 751-9009

Contractors Lic. No. 456136

ene Fleitas & Susan Chalpin  
1190 Shine Ct  
PN 25-390-39  
Zoning # 6614



**APPROVED**  
NEVADA COUNTY  
ENVIRONMENTAL HEALTH DEPARTMENT  
DATE: 3-13-07  
BY: [Signature]  
FOR: Class well Destruction # 6396/45-6471

NEVADA COUNTY DEPARTMENT OF  
ENVIRONMENTAL HEALTH

Division of Community Development Agency

*Destruction*

WELL SEAL INSPECTION FORM

Well Seal Time: 0900 Time In: 0902  
Owner's Name: Susan Chaplin Job #: 45-6471  
APN: 25-390-39 Permit #: 6396 Date: 3-11-02  
Well Company: Peters  
Location: 11190 Shire CT GN  
Depth of Well: 0 Approximate Yield: 0  
Depth of Casing: \_\_\_\_\_ Casing Material: PVC  
Annular Seal Depth: \_\_\_\_\_ Thickness: \_\_\_\_\_ No. of Bags: 8  
Sealing Material: \_\_\_\_\_ How Applied: Dropped  
Hardrock: \_\_\_\_\_ Packer Type: \_\_\_\_\_  
First Water: \_\_\_\_\_ Size of Bit: \_\_\_\_\_  
Static Level: \_\_\_\_\_ Perforations Begin: \_\_\_\_\_

Well drilled in approved location. N/A

Well NOT drilled in approved location.

Well location has not received final approval pending Department review of permit application.

Comments:

cuttings from new well fill to 25' Bentonite  
to surface

Driller:

Dan

Helper:

Leon

Inspector:

Greg Powell

HZMTJ  
6-2-02

NEVADA COUNTY DEPARTMENT  
OF  
ENVIRONMENTAL HEALTH

950 Maidu Ave  
Nevada City, CA 95959  
(916) 265-1452  
FAX (916) 265-7056

10075 Levone Ave., Suite 105  
Truckee, CA 96161  
(916) 582-7884  
FAX (916) 582-0712

JOB NUMBER: 45-06469  
APN: 25 - 390 - 39  
PERMIT NUMBER  
Nº 6605  
Both Assessor's Parcel Number  
and Permit Number must  
show on Well Driller's Report.

APPLICATION/PERMIT TO CONSTRUCT, REPAIR OR DESTROY A WELL

Property Owner: Gene Fleitas & Susan Chalpin Owner's Mailing Address: 11279 Marjon Drive, Nevada City, CA 95959

Job Site Address: 11190 Shire Court City: Grass Valley Zip: 95945

Nearest Cross Street: \_\_\_\_\_ Parcel Acreage: 4.87 Ac

PROPOSED WORK: ☒ New Well ☐ Deepening ☐ Destruction

☐ Repair or Modification: *(proposed work)* \_\_\_\_\_

TYPE OF WELL: ☒ Class I ☐ Class II ☐ Monitoring PROPOSED USE: Domestic

CASING TYPE: ☒ Plastic ☐ Steel Diameter 6" Wall Thickness or Gauge F-480, CL 125

SEALING MATERIAL: ☒ Bentonite ☐ Concrete ☐ Other *(please specify)* \_\_\_\_\_

PROPOSED SEAL DATE AND TIME: Date \_\_\_\_\_ Time will call

WELL CONTRACTOR: Peters' Drilling & Pump Service C-57 License No. 456136

Business Address: P.O. Box 1546 Grass Valley, CA 95945 Phone: 530/273-8136

I hereby certify that the work described in this application will be done in accordance with the provisions of the Nevada County Land Use and Development Code, Chapter X, pertaining to well construction, repair, modification, deepening, and destruction. Within 90 days of completion of work, I will furnish the Nevada County Department of Environmental Health a complete and accurate copy of the water well "Driller's Report"; DWR form No. 188.

WELL CONTRACTOR X Ang Pitas DATE 3/8/02

PERMIT EXPIRES ONE YEAR FROM DATE OF ISSUE

DEPARTMENT USE ONLY—Do Not Write Below This Line

PERMIT REQUIREMENTS: Maintain All County Set-Back Requirements Including 25 Feet Minimum From Well to Waste Plumbing Within A Structure. \_\_\_\_\_

Permit Issued By Key Powell Date 3-15-02

SEAL: Date 3-11-02 Depth 25' Inspector Key Powell

COMPLETED WELL: Date Completed 3-11-02 Total Depth 220' Yield\* 100 GPM

Construction Final Approval By Key Powell Date 3-20-02

\* NOTE: This rate is provided by the well driller and is stated solely for the purpose of obtaining clearance for a building permit. For this purpose, this well yield is valid for one (1) year from date of well completion. Well yield can change over time.

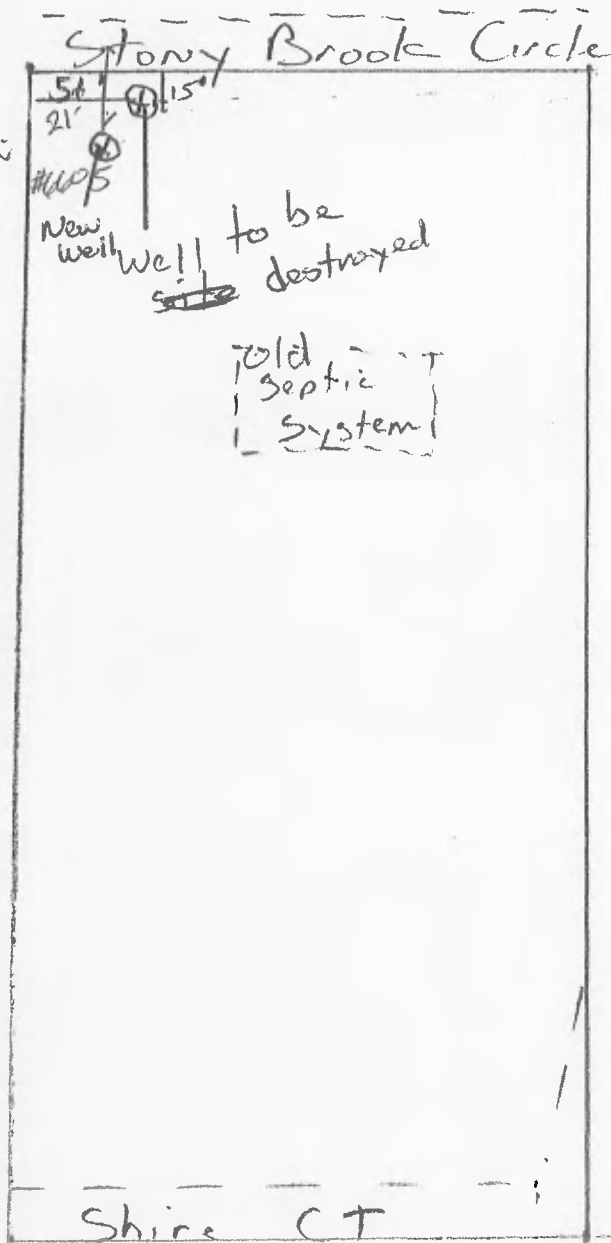


# PETERS' DRILLING & PUMP SERVICE

1" = approx 110'

P.O. Box 1546  
Grass Valley, CA 95945  
Grass Valley (530) 273-8136  
FAX (530) 273-1213  
Colfax (530) 346-6210  
Auburn (530) 888-7311  
Lincoln (916) 645-9692  
Yuba County (530) 751-9009  
Contractors Lic. No. 456136

Sene Floritas & Susan Chalpin  
11190 Shine CT  
APN 25-390-39  
Permit # 6614



## APPROVED

NEVADA COUNTY  
ENVIRONMENTAL HEALTH DEPARTMENT  
DATE: 3-15-02 BY: *[Signature]*  
FOR: Class Well # 6605/45-16469



NEVADA COUNTY DEPARTMENT OF  
ENVIRONMENTAL HEALTH

Division of Community Development Agency

*After The fact  
Inspection*

WELL SEAL INSPECTION FORM

Well Seal Time: After Hours Time In: 0902  
Owner's Name: Susan Chapen Job #: 45-6469  
APN: 25-390-39 Permit #: 6605 Date: 3-11-02  
Well Company: Peters  
Location: 11190 Shire Ct G.V.  
Depth of Well: 150' Approximate Yield: 7 GPM  
Depth of Casing: 135' Casing Material: PVC  
Annular Seal Depth: 25' Thickness: 2" No. of Bags: 13/2  
Sealing Material: concrete/Bentonite How Applied: Dropped  
Hardrock: 100' Packer Type: Visqueene  
First Water: 100' Size of Bit: 10 5/8  
Static Level: 50 Perforations Begin: ↓ 40

☐ Well drilled in approved location.

☐ Well NOT drilled in approved location.

☒ Well location has not received final approval pending Department review of permit application.

Comments:

Driller:

Dan

Helper:

Leon

Inspector:

Meg Powell

PARCEL NO. (per 32)

25-370-39

Parcel 0 Book 7

10-5-190

THIS PERMIT MUST BE VALIDATED AND FEES PAID

AT THE NEVADA COUNTY BUILDING DEPT. BEFORE STARTING CONSTRUCTION

NAME Paul Patricia Garrison

DATE 11-15-74

ROAD OR  
STREET

Retrac Rd

NEVADA CITY  
TRUCKEE

SUBDIVISION

LOT

UNIT

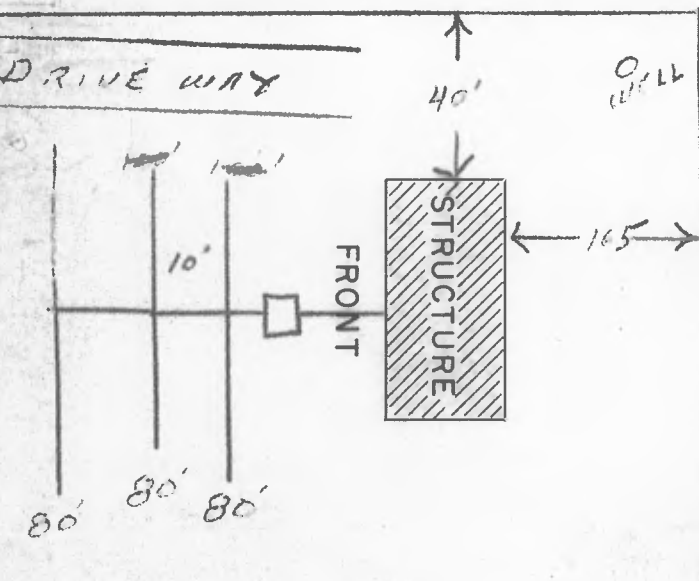
☐ SEWER ☒ DWELLING ☐ MOBILEHOME ☐ OTHER

TANK SIZE 1500 GAL. LEACH LINE 240 FT.

REMARKS

7 b/r 3 bath 5 no Dwelling To be constructed per Code

WATER SUPPLY ☐ N.I.D. ☒ WELL ☐ SPRING ☐ OTHER ☒ POTABLE ☐ NOT POTABLE ☐ FILTER REQUIRED ☒ NOT REQUIRED



ELECTRIC  
SERVICE

PERM. POLE  
ON BLDG  
OTHER

PERMIT  
FEES

SANITARY SYSTEM \$  
ELECTRIC CONNECTION \$  
OTHER

TOTAL \$ 12.00

PERMIT  
S No 2667

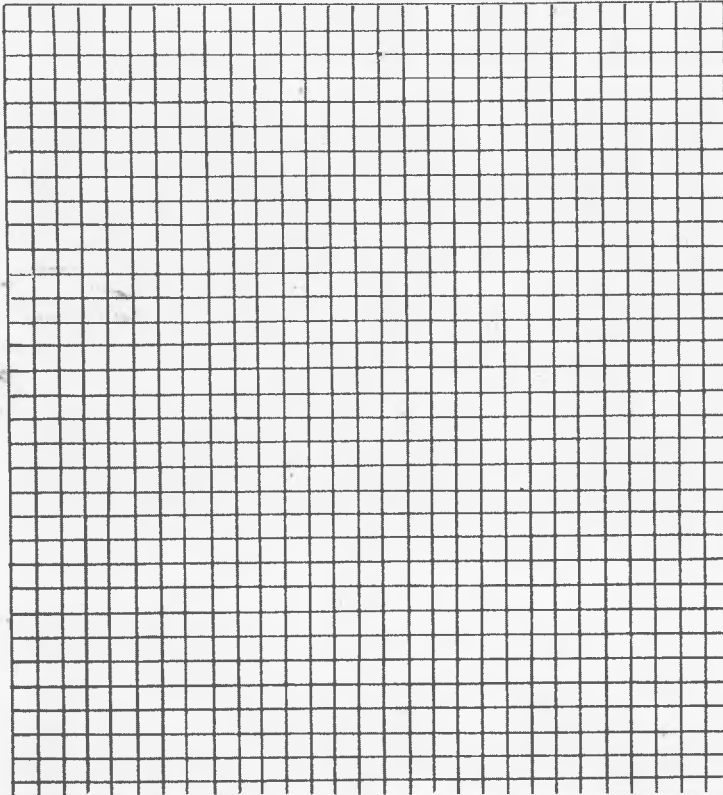
PERMIT EXPIRES 2 YEARS FROM DATE OF ISSUE

HEALTH DEPT. BY

BUILDING DEPT. BY

# SEWAGE DISPOSAL SYSTEM RECORD

PLOT PLAN



APPLICANT: PAULA PATRICIA GARRISON

ADDRESS: \_\_\_\_\_

JOB LOCATION AND DESCRIPTION

SUBDIV: \_\_\_\_\_ LOT# \_\_\_\_\_ UNIT \_\_\_\_\_

OR ACREAGE: 5 PARCEL # D-BOOK 7 P. 19

WATER SUPPLY: NID \_\_\_\_\_ FILTER \_\_\_\_\_ CHLOR \_\_\_\_\_

WELL ☒ DEPTH 90 GPM 10

OTHER \_\_\_\_\_

SEWAGE PER. NO: 2667 DATE: 11-15-74

APPROVED BY: G. WELLET

FINAL INSP. DATE: \_\_\_\_\_ BY: \_\_\_\_\_

TANK SIZE 1500 GAL. LINE LENGTH: 240 FT.

INSTALLED BY: \_\_\_\_\_

REMARKS: 3 b/r 2 bath

# OSSE Pre-Issue Site Inspection Report

Job No. 41- 14906 APN 25-390-39 Date 2/20/02 Page 1 of 2  
 Physical Location 11190 Shire Court, G.V.  
 Consultant S. Chalpin Excavator Clyde Beck Inspected by [Signature] V. Auri  
 Others Present \_\_\_\_\_

Type of Inspection: ☒ OSSE ☐ Pre-Issue ☒ Single Family ☐ Commercial ☐ Subdivision ☐ Other \_\_\_\_\_

Water Supply: Existing? ☒ Y ☐ N ☒ Well ☐ Public ☐ Other \_\_\_\_\_ No. of Acres 5

1. Recent Weather History: Wet Weather Test Season? ☒ Y ☐ N W.W. Testing reopened  
2/19 → 2/25/02

2. Vegetation Cover (trees, brush, ground-cover, riparian vegetation, maturity of growth, amount of cover.

Blue Oak - mature  
 Live Oak - mature  
 Manzanita - mature  
 Foothill Pines - juvenile  
 } moderate cover

3. Site Topography: Percent Slope see below % Convex Concave Sun Exposure \_\_\_\_\_

Contours: Smooth Irregular \_\_\_\_\_

M-1 = 13 %

M-3 = 16 %

M-2 = 13 %

M-4 = 18 %

4. Specific Topographical Concerns: Rock Outcroppings Pond Wells Cut Bank Fill Perennial Stream  
Seasonal Drainage Roadside Drainage Structures Powerline Easements \_\_\_\_\_

5. Other Comments: \_\_\_\_\_

## OSSE Pre-Issue Site Inspection Report

6. Findings: Satisfactory mantle #'s and why: \_\_\_\_\_

M-1 effective soil depth = 66"

M-4 e.s.d. = 60"

M-2 e.s.d. = 70"

M-5 e.s.d. = 70"

7. Unsatisfactory mantle #'s and why: \_\_\_\_\_

M-3 e.s.d. = 31"

8. Recommendations:

M-1/M-2/M-4/M-5:

12" capping fill pending perc at 24"

9. Curtain Drain Needed? ☒ Y ☐ N Depth: 3'

Above Discussed With: S. Chalpin

Other Comments: \_\_\_\_\_

A ← CIRCLE

B

56

4.87 Ac.

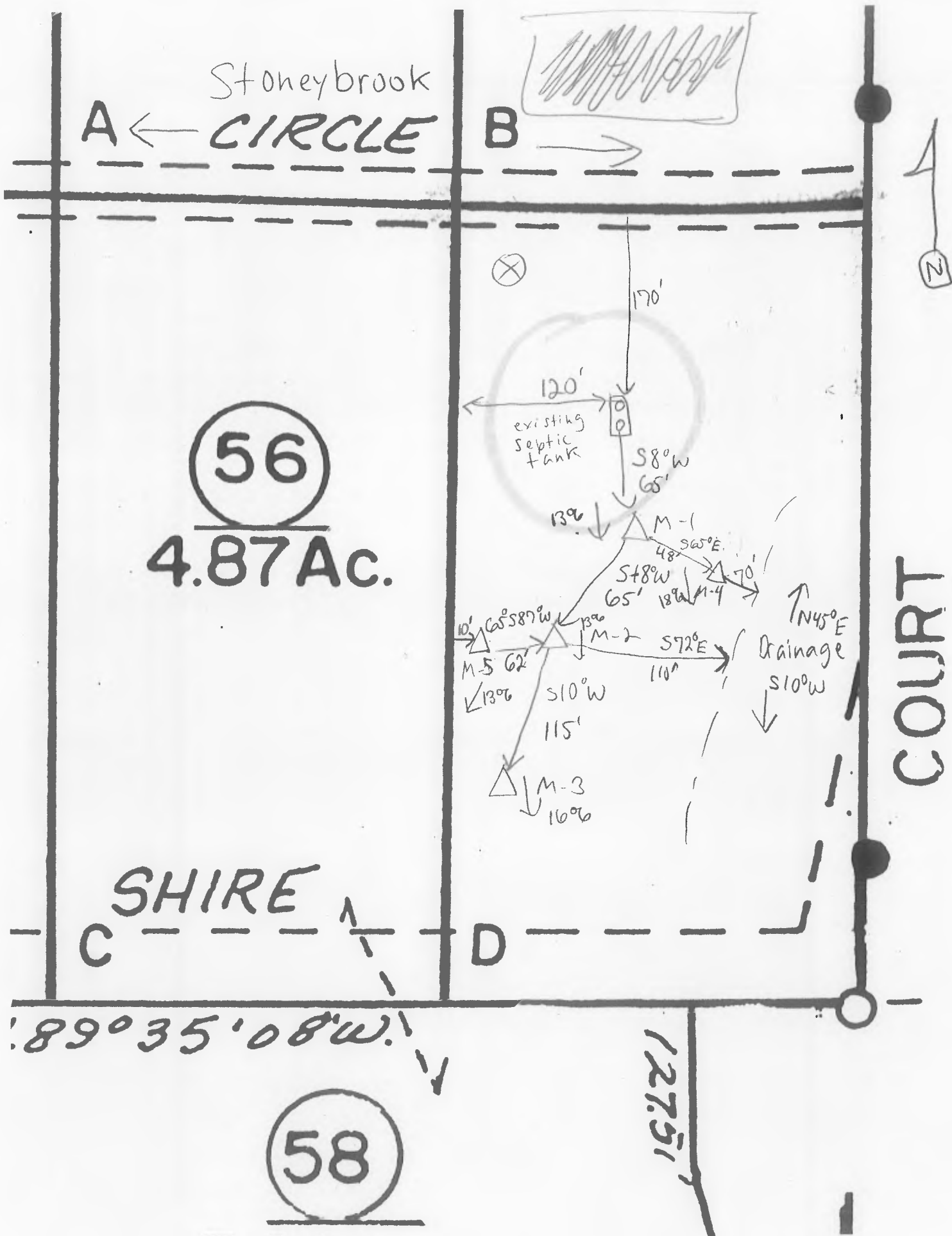
# SHIRE

C

D

58

# COURT



## NEVADA COUNTY SOIL TEST-PIT LOG

Test Date: 02/21/02

Page 1 of 1

Parent Rock Type: V G MS A Other Consultant: SC ES VA

SOIL PIT# 1 1<sup>ST</sup> HORIZON Depth: 0 to 18  
Slope: 13% Aspect:  
Texture: s ls sl sc scl l c cl sic sil sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color: 5/14/11  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES: Sheel flow 12"

Same as SOIL PIT # , Horizon #

2<sup>ND</sup> HORIZON Depth: 18 to 48  
Texture: s ls sl sc scl l c cl sic sil sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color: 2.96/11  
Redoxymorphic Features: none few common many  
RC color 7.45/11 RD color 7.45/11 RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

3<sup>RD</sup> HORIZON Depth: 48 to 66  
Texture: s ls sl sc scl l c cl sic sil sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color: 2.96/11  
Redoxymorphic Features: none few common many  
RC color 10.25/11 RD color 7.45/11 RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

4<sup>TH</sup> HORIZON Depth: to  
Texture: s ls sl sc scl l c cl sic sil sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

Effective Soil Depth: 66" Groundwater

Consultant Signature

Nevada County Staff Signature Valerie Amis

H/kgH Form Soil Log 1 Revised 6-25-01

SOIL PIT# 2 1<sup>ST</sup> HORIZON Depth: 0 to 1611  
Slope: 13% Aspect:  
Texture: s ls sl sc scl l c cl sic sil sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color: 10/14/11  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES: Sheel flow 12-24"

Same as SOIL PIT # , Horizon #

2<sup>ND</sup> HORIZON Depth: 16 to 42  
Texture: s ls sl sc scl l c cl sic sil sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color: 2.96/11  
Redoxymorphic Features: none few common many  
RC color 7.45/11 RD color 7.45/11 RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES: SIN Along some root channels

Same as SOIL PIT # , Horizon #

3<sup>RD</sup> HORIZON Depth: 42 to 7011  
Texture: s ls sl sc scl l c cl sic sil sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color: 2.96/11  
Redoxymorphic Features: none few common many  
RC color 7.45/11 RD color 7.45/11 RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

4<sup>TH</sup> HORIZON Depth: to  
Texture: s ls sl sc scl l c cl sic sil sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

Effective Soil Depth: 7011 Groundwater

APN 25-390-39 JOB # 41-14906

Notes:

m-1/m-2 12" capping fill  
pending perc @ 24"

## NEVADA COUNTY SOIL TEST-PIT LOG

Test Date: 02/21/02

Page 2 of 2

Parent Rock Type: V G MS A Other Consultant: ES VA

SOIL PIT# 3 1<sup>ST</sup> HORIZON Depth: 0 to 10"  
Slope: 15% Aspect:  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # 2, Horizon # 1

2<sup>ND</sup> HORIZON Depth: 12 to 32  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES: check flow 24"

Same as SOIL PIT # , Horizon #

3<sup>RD</sup> HORIZON Depth: 32 to 46.2  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone 20%  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

4<sup>TH</sup> HORIZON Depth: to  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # 2, Horizon #  
Effective Soil Depth: 24" Groundwater

Consultant Signature

Nevada County Staff Signature

H/ghfForm Soil Log 1 Revised 6-25-01

SOIL PIT# 4 1<sup>ST</sup> HORIZON Depth: 0 to 20  
Slope: 18% Aspect:  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

2<sup>ND</sup> HORIZON Depth: 20 to 32  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES: check flow 35"

Same as SOIL PIT # , Horizon #

3<sup>RD</sup> HORIZON Depth: 32 to 60  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone 20%  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

4<sup>TH</sup> HORIZON Depth: to  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # 60", Horizon #  
Effective Soil Depth: 60" Groundwater

APN 25-390-39

JOB # 41-14906

Notes:

m-4 12" capping fill pending  
perc @ 24"



Parent Rock Type: V G MS A Other Consultant: SC ES VA

SOIL PIT# 5 <sup>1<sup>ST</sup> HORIZON</sup> Depth: 0 to 70  
Slope: 13% Aspect:  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES: Similar to M. 2  
Slack flow C 12"

Same as SOIL PIT # , Horizon #

<sup>2<sup>ND</sup> HORIZON</sup> Depth: to  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

<sup>3<sup>RD</sup> HORIZON</sup> Depth: to  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

<sup>4<sup>TH</sup> HORIZON</sup> Depth: to  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #  
Effective Soil Depth: Groundwater

Consultant Signature

Nevada County Staff Signature

H/kgH Form Soil Log 1 Revised 6-25-01

SOIL PIT# <sup>1<sup>ST</sup> HORIZON</sup> Depth: to  
Slope: % Aspect:  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

<sup>2<sup>ND</sup> HORIZON</sup> Depth: to  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

<sup>3<sup>RD</sup> HORIZON</sup> Depth: to  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #

<sup>4<sup>TH</sup> HORIZON</sup> Depth: to  
Texture: s ls sl sc scl l c cl sic sicl sil si DRX IWRX MWRX DG  
Rock Fragments: gravel % cobble % stone %  
Color:  
Redoxymorphic Features: none few common many  
RC color RD color RM color  
Structure: gran platy block prism f m c single grain massive  
Soil Pores: none few common many f m c inters tubular  
Moist Consistence: l vfr fr f vf ef  
Plasticity: np sp mp vp Stickiness: ns ss ms vs  
Roots: none few common many vf f m c  
Boundary: Distinctness: a c g d Topography: s w i b  
Moisture: dry moist wet saturated  
NOTES:

Same as SOIL PIT # , Horizon #  
Effective Soil Depth: Groundwater

APN 25-390-39

JOB # 41-14906

Notes:

m-5 12" capping fill pending  
percs at 24"

**NEVADA COUNTY COMMUNITY DEVELOPMENT AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH**

Inspection request (530) 265-1599

**Wastewater System Construction Permit Application**

Assessor's Parcel Number 25-390-39 Building Permit Number N/A  
Job Address \_\_\_\_\_

Owner <b>GENE FLEITAS</b>	Mailing Address <b>13346 GRASS VALLEY AVE SUITE E 95945</b>	Phone Number <b>530-274-1873</b>
Applicant <b>SAME</b>	Mailing Address	Phone Number
Contractor/Installer <b>SAME</b>	License Number	Phone Number
Size of Property (acres) <b>4.78±</b>	Subdivision	Lot Number
Number of Bedrooms <b>Three</b>	Existing Buildings on Property <b>None</b>	

System Type (check all that apply): ☐ Standard ☐ Pressurized Distribution ☐ Deep Trench ☒ Cap-Fill ☐ Pump  
☐ Pre-Treatment ☐ Curtain Drain ☐ Variance ☐ Other

BY MY SIGNATURE, I AFFIRM THAT I UNDERSTAND THE SYSTEM MUST CONFORM TO THE CURRENT NEVADA COUNTY LAND USE AND DEVELOPMENT CODE, CHAPTER VI (SEWAGE DISPOSAL ORDINANCE AND REGULATIONS), AND THAT I AM RESPONSIBLE FOR COMPLIANCE WITH THE CODE, THIS PERMIT AND PERMIT CONDITIONS. I HEREBY CERTIFY THAT THE PROPERTY OWNER HAS AUTHORIZED THIS APPLICATION FOR A CONSTRUCTION PERMIT.

Applicant's Signature [Signature] Date 12/31/03

**FOR DEPARTMENT USE ONLY**

**SEWAGE DISPOSAL**

☒ New ☐ Expansion/Modification ☐ Repair ☐ Septic Tank Only ☐ Other \_\_\_\_\_

TECHNICIAN REVIEW: [Signature] Date 12/31/03

Signed

Date

Septic Tank Volume: 1000 Gallons  
(minimum)

Leach Line Specifications: ☒ See Approved Special Design

Length: \_\_\_\_\_ ft. Width: \_\_\_\_\_ in.

Trench Depth from natural grade: \_\_\_\_\_ in.

Pump Tank Volume: \_\_\_\_\_ Gallons

Soil Cover: \_\_\_\_\_ in. Rock under Pipe: \_\_\_\_\_ in.

Comments or Permit Conditions:

Review and comply with requirements  
for Capping Fill System in Technical Regulations T-056, exp.  
(4) & (5)

**WATER SUPPLY**

IF ON A PRIVATE WELL:

☒ Well Yield Test Required  
Prior to Building Permit Issuance

☐ "Raw Water Certification" Required  
Prior to Occupancy

☐ \_\_\_\_\_ Gallons Potable Water Storage Required  
Prior to Occupancy

REMARKS

**NOTE:**

- ☐ SEE ATTACHED SPECIAL CONDITIONS
- ☐ ELECTRICAL PERMIT REQUIRED—SEE BUILDING DEPARTMENT FOR PERMIT AND REQUIRED INSPECTIONS
- ☐ MONITORING & MAINTENANCE 'RIGHT OF ENTRY' DOCUMENT MUST BE RECORDED, AND A CONFORMED COPY PROVIDED TO THIS DEPARTMENT FOR PERMIT FINAL APPROVAL
- ☐ ANNUAL CERTIFICATE OF OPERATION REQUIRED PRIOR TO PERMIT FINAL
- ☒ CONSULTANT'S CERTIFICATION REQUIRED FOR PERMIT FINAL APPROVAL

**FILE COPY**

THIS APPLICATION BECOMES A PERMIT WHEN SIGNED BY THE ENVIRONMENTAL HEALTH DEPT.  
A COPY OF THIS PERMIT MUST BE ON THE JOB SITE DURING SYSTEM CONSTRUCTION

Issued by [Signature]

Issue Date 1/28/04

Final Approval by [Signature]

Final Approval Date 6/25/04

THIS PERMIT EXPIRES 2 YEARS AFTER ISSUE DATE. PERMIT MAY BE RENEWED ONE TIME FOR 2 ADDITIONAL YEARS IF RENEWAL APPLICATION IS MADE PRIOR TO DATE PERMIT EXPIRES.

Job No: 030-82866

# NEVADA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

## SEWAGE DISPOSAL SYSTEM CONSTRUCTION INSPECTION REPORT

Owner/Applicant: FLEITAS

AP#: 25-390-39

Date: 4/9/04

Site Address: SHIRE CT

Job #: 030-82866

Installer: OWNER

No. of bedrooms system installed for: 1 2 3 4 5

System Type: CAPPING FILL

☒ New ☐ Repair ☐ Modification

Inspection Type: ☒ Final inspection ☐ Re-inspection ☐ Other

Inspection number 1

Water Supply: ☐ Public water ☒ Private well ☐ Other

This system installation was inspected today and the following were observed:

☒ SEPTIC TANK: ☒ 1 or ☐ 2-piece 1400 gallons ☒ Concrete ☐ Polyethylene Manufacturer: WEDDLE

☐ PUMP TANK: \_\_\_\_\_ gallons ☐ Concrete ☐ Polyethylene Manufacturer: \_\_\_\_\_

☐ Manhole risers installed

☐ Re-bar or observation ports in trenches

☐ Effluent filter installed

☐ Pump/alarm operation verified

☒ DISPOSAL FIELD: ☒ Stone and pipe: 320 lineal feet installed. Total depth: 10 in. Width: 36 in.

or ☐ Gravelless Chambers \_\_\_\_\_ lineal ft. installed. Depth: \_\_\_\_\_ in. Size: \_\_\_\_\_ in. high by \_\_\_\_\_ in. wide

or ☐ Other leachfield material: \_\_\_\_\_ Length: \_\_\_\_\_ ft. Total depth: \_\_\_\_\_ in. Width: \_\_\_\_\_ in.

☐ CURTAIN DRAIN: Depth: \_\_\_\_\_ Open trench inspection completed by: ☐ Consultant ☐ County ☐ N/A

☐ PRESSURE DOSED "SQUIRT TEST": \_\_\_\_\_ ☐ SAND FILTER BOX \_\_\_\_\_

### INSPECTION REQUIREMENTS

☐ OK TO BACKFILL. Proper soils stabilization and erosion control measures must be in place at all times.

☒ OK TO BACKFILL PENDING THE FOLLOWING: ☒ Complete the items listed in the numbered NOTES below.

☒ Design Consultant must inspect and approve installation before backfill.

☐ DO NOT BACKFILL: The corrections listed below and a reinspection are required. Inspection Phone: 265-1599

☐ REINSPECTION REQUIRED: Note-a reinspection fee must be paid before the re-inspection can be made.

☐ System is not completed or ready for inspection. ☐ Reinspection of pump and alarm function is required after the pump control panel has been permanently installed and "hard wired".

☐ OTHER. See the Notes below:

### NOTES / OBSERVATIONS:

1. INSTALL CAP FILL COVER PER APPROVED PLANS

☒ FOR PERMIT FINAL APPROVAL, PLEASE PROVIDE THE FOLLOWING: (✓-mark means received)

☐ Accurate "as-built" drawing. Use Department As-Built form (✓) ☐ Septic tank pumper's receipt ( )

☒ Consultant's written Certification of installation ( ) ☐ Easement and/or Monitor. & Maint. Agreement ( )

☐ Other: \_\_\_\_\_ ( )

**WELL NOTES:** ☐ An original pump test or well driller's report dated within the last year is required for building permit release.

☐ A "Raw Water Certification", conducted by this department, is required prior to occupancy. This requires an application and fee remittance to this department, and scheduling of the wellhead inspection. Allow several weeks for sampling and results.

E H Specialist: Chester

Ph# 265-1753

Received By: [Signature]

NEVADA COUNTY DEPARTMENT  
OF  
ENVIRONMENTAL HEALTH

950 Maidu Avenue  
Nevada City, CA 95959-8817  
(916) 265-1452

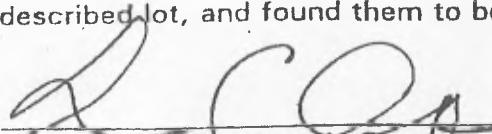
10075 Levon Avenue Suite 203  
Truckee, CA 96161  
(916) 582-7884

INSTALLATION CERTIFICATION

DATE: 4/10/04 APN: 25-390-39-000

LOCATION: 11190 Shire Ct.

I herewith certify that I have inspected the installation of sewage disposal facilities for the above described lot, and found them to be installed in accordance with my design.

  
Designer's Signature

Registration No. 5212

NEVADA COUNTY DEPARTMENT

ENVIRONMENTAL HEALTH

950 Maidu Avenue  
Nevada City, CA 95959-8017  
(916) 265-1152

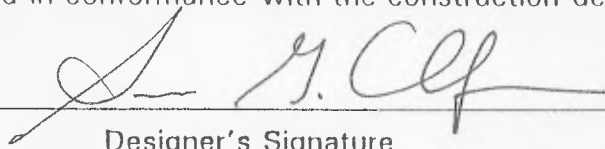
10075 Levon Avenue Suite 203  
Truckee, CA 96161  
(916) 582-7884

CERTIFICATE

I am a duly registered E. H. S. in the State of California. My registration number is 5212. I have completely and thoroughly reviewed the site described as Assessor's Parcel Number 25 -- 390 -- 39 and, in accordance with Nevada County Land Use and Development Code, Chapter VI, and my field inspection and tests, the attached design is submitted.

I will make field inspections to determine that the facilities are constructed in accord with my design. I hereby certify that these facilities as recommended and designed have been designed in accord with sound engineering principles, and satisfactory performance is expected. However, the state of the art of sewage disposal system design is such that no guarantee can be made as to the length of time that satisfactory service will occur.

I understand that, prior to requesting a sewage disposal system construction permit final approval, I will have to certify in writing to the permit file that the installation described above has been installed in conformance with the construction design.

  
Designer's Signature

DATE: 12-30-03

DATE: \_\_\_\_\_

Design Reviewed by \_\_\_\_\_