E

Type

Plans

SEV09-0014

Permit Number

1733

Street Number

SKILLMAN LN

Street Name

PET

Community Code

048-091-003

APN

Request for Well and Septic Service

WLS-006

PAYMENT REC'D
$ W
JAN 15 2009
PERMIT AND RESOURCE MANAGEMENT DEPARTMENT
COUNTY OF SONOMA

PURPOSE: This form is used to request a paid service from the Well & Septic Division of the Permit and Resource Management Department (PRMD) related to an existing or proposed septic system. **A permit application may be required following the requested service.**

01/15/09
Date of Request

SEV09-0014
SEV Number

1733 ~~1603~~ Skillman Ln
Site Address

Marshall Ave
Cross Street

Petaluma, CA 94952
City/Town Zip

048-091-003
Assessor's Parcel Number

P. Roscoe
Applicant Name

Casey Golterman
Property Owner's Name

P.O box 149, Fulton 95439
Mailing Address State/Zip

316 Petaluma Blvd S.
Mailing Address

707-869-8073
Day Phone

(707) 753-1111 Petaluma
Day Phone 94952

Service Requested:

pre perc 1:30
Tues 1/20/09

---------- ↓ DO NOT WRITE BELOW THIS LINE - To Be Completed by PRMD Staff ↓ ----------

Code Enforcement Violation Yes ☐ No ☒ Violation # _____

Status _____

Staff Comments/Notations

Staff Signature

Date Completed

Sonoma County Permit and Resource Management Department
2550 Ventura Avenue ❖ Santa Rosa, CA ❖ 95403-2829 ❖ (707) 565-1900 ❖ Fax (707) 565-1399

Mailed 1/22/9

COUNTY OF SONOMA
PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

2550 Ventura Avenue, Santa Rosa, CA 95403-2829
(707) 565-1900 FAX (707) 565-1399

January 21, 2009

* Note :
previous Pre-Perc
and ground water
studies can be found
under address
1663 Skillman Lane.

Pame Roscoe
Septic Consultant
P.O. Box 149
Fulton, CA 95439

Re: Site evaluation at 1733 Skillman Lane in Petaluma, CA 94952
APN: 048-091-003, Permit #: SEV09-0014

Dear Miss Roscoe:

You and I have conducted a site and soil evaluation on January 20, 2009 to find a suitable area to place a code compliance onsite sewage disposal system for the proposed land division and remodel of the existing dwelling. We observed and logged two soil profile holes, labeled as holes A and B. You can find the soil log and site map at the attached page. The site is within zone 2 in the water availability map and identified as a Cotati fine sandy loam during our visit.

Area in the vicinity of soil profile holes A and B
This area has friable sandy loam soil over a firm clay loam layer. The wet weather groundwater studies conducted in 2006 concluded that this area is suitable for a mound system. We agreed to use a linear loading rate of 4-5 gallons per linear foot per day and percolation rate of 40 minutes per inch as a design guideline in order to remodel the existing dwelling. In order to have a land division, a regular percolation test will be required. The existing water well will need to be relocated under a Sonoma County permit in order to maintain a 100-foot setback to the proposed mound system.

The septic system design will meet Sonoma County requirements and setbacks.

For further information or questions I can be reached at (707) 565-3457.

Respectfully,

Tai Nguyen

Tai Nguyen
Registered Environmental Health Specialist
Well & Septic Division, PRMD

cc: property owner

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

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

Pre-Perc Field Notes SEV09-0014

Address: 1733 Skillman Lane	Pre-Perc date: 1-20-09 Time: 1:30 pm
AP# 048-091-003	Site Review by: Tai Nguyen
Test conducted by: Pame Roscoe	Subdivision: Yes ☑ No ☐ Initial ☐ Supp. ☑
Test verified by: Pame Roscoe	Water availability zone: 2
Special standards area: Petaluma Nitrate Area	SCS soil type: Clear Lake clay / Pajaro clay loam
Topography: Ridge ☐ Slope ☐ Saddle ☐ Basin ☑	Convex ☐ Planar ☑ Concave ☐
Setbacks: Cutbank/grade break ☐ Wells ☑ Springs ☐ Streams ☐ Ponds ☐ Drainage ☐	
Areas of concern: Trees ☐ Drainage ☐ Geology report ☐ Rock outcrops ☐ % Rock: GW ☐	
Hydrometer test: Yes ☐ No ☑ Depth(s):	Bulk density: Yes ☐ No ☑ Depth:
Wet-weather perc required: Yes ☐ No ☑	Wet-weather groundwater required: Yes ☐ No ☐
Subsoil perc depth(s):	Pump System: Yes ☐ No ☐ Perc depth(s):
Type of system: Mound	Eng. Design ☑ Topographic map req. ☑ Geology report req. ☐
Comments: Major addition to house & subdivision. * soil seemed to be coarse fine sandy loam existing well will need to be relocated. Perc only for subdivision soil morphology to use for addition to house	

Site Map:

Profile: A				Average Ground Slope: 5%				
Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
0-24"	10YR 3/3	<10%	Fine sandy loam	B	VFr	damp	many	many
24-37"	10YR 3/4	~~gravelly~~ gravelly CL <20%		B	Fr	damp	few	moderate

Mottling: distinct below 24" Reduction ☐ Oxidation ☐ Depth to groundwater: Perc depth:

Other: Ground water clear. Mound LLE: 4-5

Profile: B				Average Ground Slope: 5%				
Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
0-28"	10YR 3/3	<10%	Fine SL	B	VFr	damp	many	many Fine
28-34"	10YR 3/3	<10%	gravelly L	B	VFr	damp	moderate	few fine

Mottling: Reduction ☐ Oxidation ☐ Depth to groundwater: Perc depth:

Other: Mound Perc for Subdivision

Profile:				Average Ground Slope:				
Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots

Mottling: Reduction ☐ Oxidation ☐ Depth to groundwater: Perc depth:

Other:

Abbreviations:

USDA Texture: Gravel=G, Sand=S, Loamy Sand=LS, Sandy Loam=SL, Sandy Clay Loam=SCL, Sandy Clay=SC, Silt Loam=SiL, Loam=L, Clay Loam=CL, Silty Clay Loam=SiCL, Clay=C

Structure: Granular=G, Platy=p, Blocky=B, Prismatic=Pr, Massive=M, Columnar=C

Consistency: Loose=L, Very Friable=VFr, Friable=Fr, Firm= F, Very Firm=VF, Extremely Firm=EF, Solid (BH refusal)=S

Moisture: Dry=Dr, Damp=D, Very Damp=VD, Saturated=S, Seepage=Se

Pame Roscoe R.E.H.S.

consultations - pre-perc & percolation test – septic system designs
P.O. Box 149, Fulton, CA 95439 (707) 869-8073

ATTN: Tai Nguyen, R.E.H.S.
County of Sonoma P.R.M.D. Well & Septic Section

SUBJECT: Pre perc site evaluation *1/21/09*
ADDRESS: 1663 Skillman Ln.
Petaluma, CA 94952

Dear Tai,

- *On 1/20/09 I met you on site to perform a pre-perc/site evaluation in order to the to re-evaluate the above site for a previous approval for a Mound Septic System in order to expand the proposed perc area which was originally described in 2008.*
- *The area was originally proposed for a Class II remodel in 2008 but during demolition of the house it was discovered a Class I remodel was required.*
- *Two Profile holes A & B were reviewed. The holes were located in area where the Mound needed to be expanded (Please see soil profile logs of A & B and map showing old & new profile holes)*
- *I propose to expand the area of the existing Mound Septic Area using the loading rate based on percs completed with an average rate of 32 mpi. of 0.545 gal/sq.ft./day. A linear loading rate of 4.0 to 4.5 gpd/ linear foot is proposed.*
- *The existing well will need to be abandoned and required setback of 15'. The new well will require a 100' setback to the proposed Septic Area. Maintain 100' setback to 10 Year flood elevation and 50' to all seasonal drainages.*
- *Thank you for your time and consideration. I look forward to review. If there are any questions please contact me at 869-8073.*

Sincerely,
Pame

Pre-Perc Field Notes

Address: 1663 Skillman		Pre-Perc date: 1/20/09	Time: 1:00pm
AP#		Site Review by: Tan Nguyen	
Test conducted by: P. Roscoe		Subdivision: Yes ☒ No ☐	Initial ☐ Supp. ☒
Test verified by: P. Roscoe		Water availability zone: WA	
Special standards area:		SCS soil type: fine sandy loam	
Topography: Ridge ☐ Slope ☒ Saddle ☐ Basin ☐		Convex ☐ Planar ☐ Concave ☐	
Setbacks: Cutbank/grade break ☐ Wells ☒ Springs ☐ Streams ☐ Ponds ☐ Drainage ☐			
Areas of concern: Trees ☐ Drainage ☐ Geology report ☐ Rock outcrops ☐ % Rock: GW ☐			
Hydrometer test: Yes ☐ No ☒ Depth(s):		Bulk density: Yes ☐ No ☐ Depth:	
Wet-weather perc required: Yes ☐ No ☒		Wet-weather groundwater required: Yes ☐ No ☐ already done	
Subsoil perc depth(s): N/A		Pump System: Yes ☒ No ☐ Perc depth(s): 24"	
Type of system: mound		Eng. Design ☒ Topographic map req. ☒ Geology report req. ☐	
Comments:			

Site Map:

see attached map

Profile: B Average Ground Slope: ~5%

Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
0-28	10YR 3/3	<10%	fsL	G-BL	VFr	sl dap	~~f m c~~	N/A
28-34	↓	~10%	gL	↓	↓	↓		

Mottling: Reduction ☐ Oxidation ☐ Depth to groundwater: Perc depth:

Other: GW done in LL @ 4-5

Profile: A Average Ground Slope: 5%

Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
0-24	10YR 3/3	<10%	fsL	G-BL	VFr	sl damp	f m c	few
24-37	↓	~20%	gcL	BL	Fr	↓		sm + l old trw

Mottling: Reduction ☐ Oxidation ☐ Depth to groundwater: Perc depth:

Other:

Profile: Average Ground Slope:

Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots

Mottling: Reduction ☐ Oxidation ☐ Depth to groundwater: Perc depth:

Other:

Abbreviations:

DA Texture: Gravel=G, Sand=S, Loamy Sand=LS, Sandy Loam=SL, Sandy Clay Loam=SCL, Sandy Clay=SC, Silt Loam=SiL, Loam=L, Clay Loam=CL, Silty Clay Loam=SiCL, Clay=C

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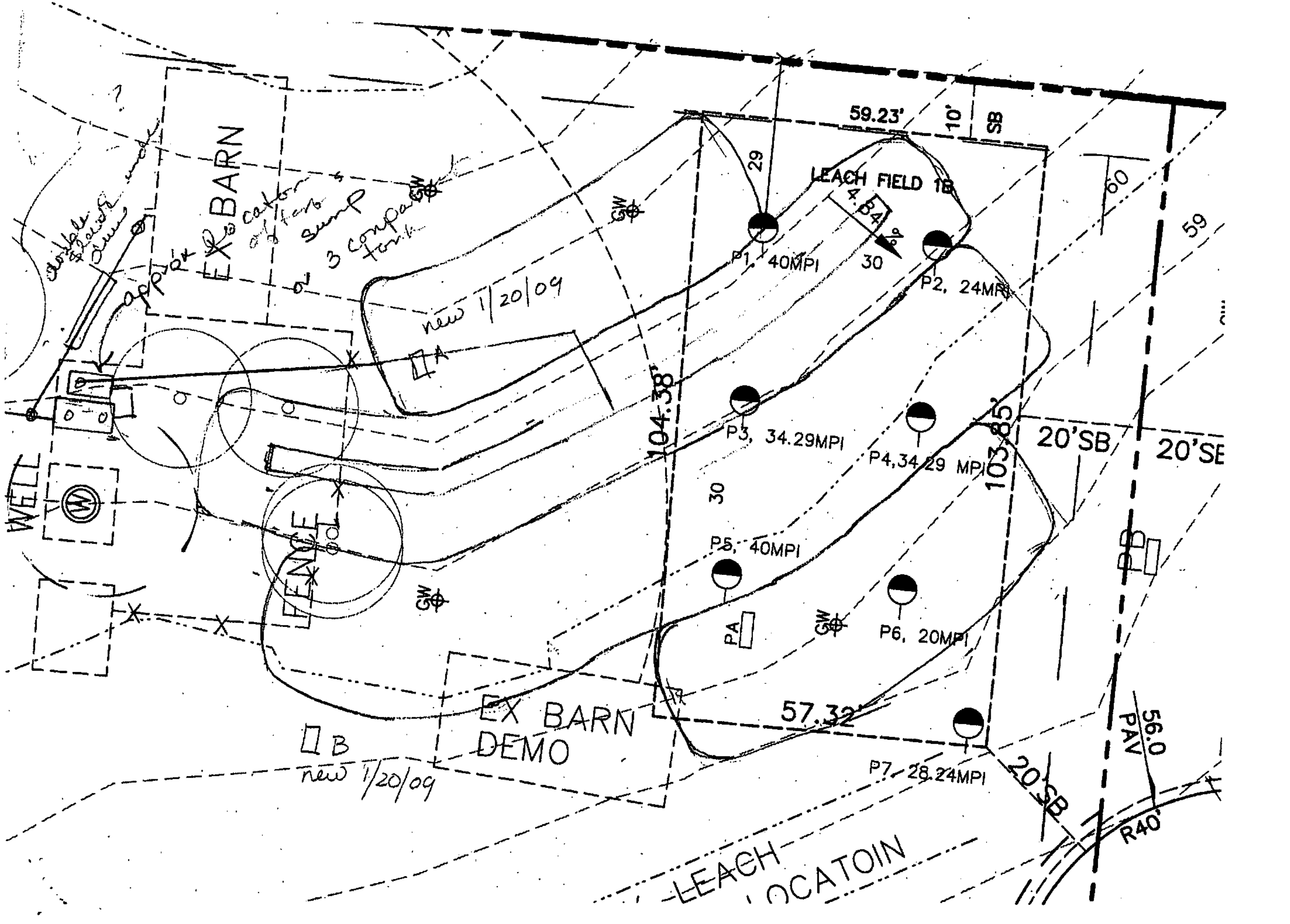

EX BARN
LEACH FIELD 1B
59.23'
10'
SB
29
30
P1, 40MPI
P2, 24MPI
P3, 34.29MPI
P4,34.29 MPI
P5, 40MPI
P6, 20MPI
P7, 28.24MPI
104.38'
103.85'
57.32'
20'SB
PA
GW
new 1/20/09
WELL
FENCE
EX BARN DEMO
B
A
56.0
PAV
R40'
LEACH LOCATOIN