

Type



Plans

Sev04-0720

Permit Number

1690

Street Number

Barlow Ln

Street Name

TwI

Community Code

061-050-055

APN

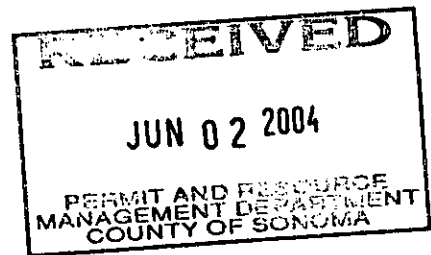
RICHARD T. LEASE

Registered Environmental Health Specialist #3928

Post Office Box 7460
Cotati, California 94931

May 28, 2004

Wiles Edison
County of Sonoma
Permit & Resource Management Department
Well and Septic Section
2550 Ventura Ave.
Santa Rosa, CA 95403



Subject: Pre-perc site review, 1690 Barlow Lane, Sebastopol, CA
APN 061-050-055 SEV04-0720

Dear Mr. Edison;

Site 1:

On May 24, 2004, Two soil profiles were dug and logged. A copy of the soil profiles are attached. The site is located on the west side of Barlow Lane. The site is an apple orchard and has slopes of 7%. Due to the excellent depth and nature of the soils it was agreed that this site would meet the depth of soil requirement. It was agreed that based on the soil morphology that a standard 30" deep system sized at 125 lineal feet per bedroom would be appropriate. Wet weather ground water determinations were run about 100' uphill from this site. Based on the slope and the soils it is estimated that ground waters would be below 66". On the upper ground water determinations the holes were dry to 110" and 112".

Site 2:

On May 24, 2004, two soil profiles were dug and logged. A copy of the soil profiles are attached. The site is located on the west side of Barlow Lane. The site is an apple orchard and has slopes of 4%. Wet weather ground water determinations are required on this site.

RICHARD T. LEASE

Registered Environmental Health Specialist #3928

Post Office Box 7460
Cotati, California 94931

Should you have any questions or need additional information please
contact me at (707) 795-1668.

Sincerely,



Richard T. Lease

Site Evaluations
Percolation Testing
Sewage Disposal Designs

Site 1

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

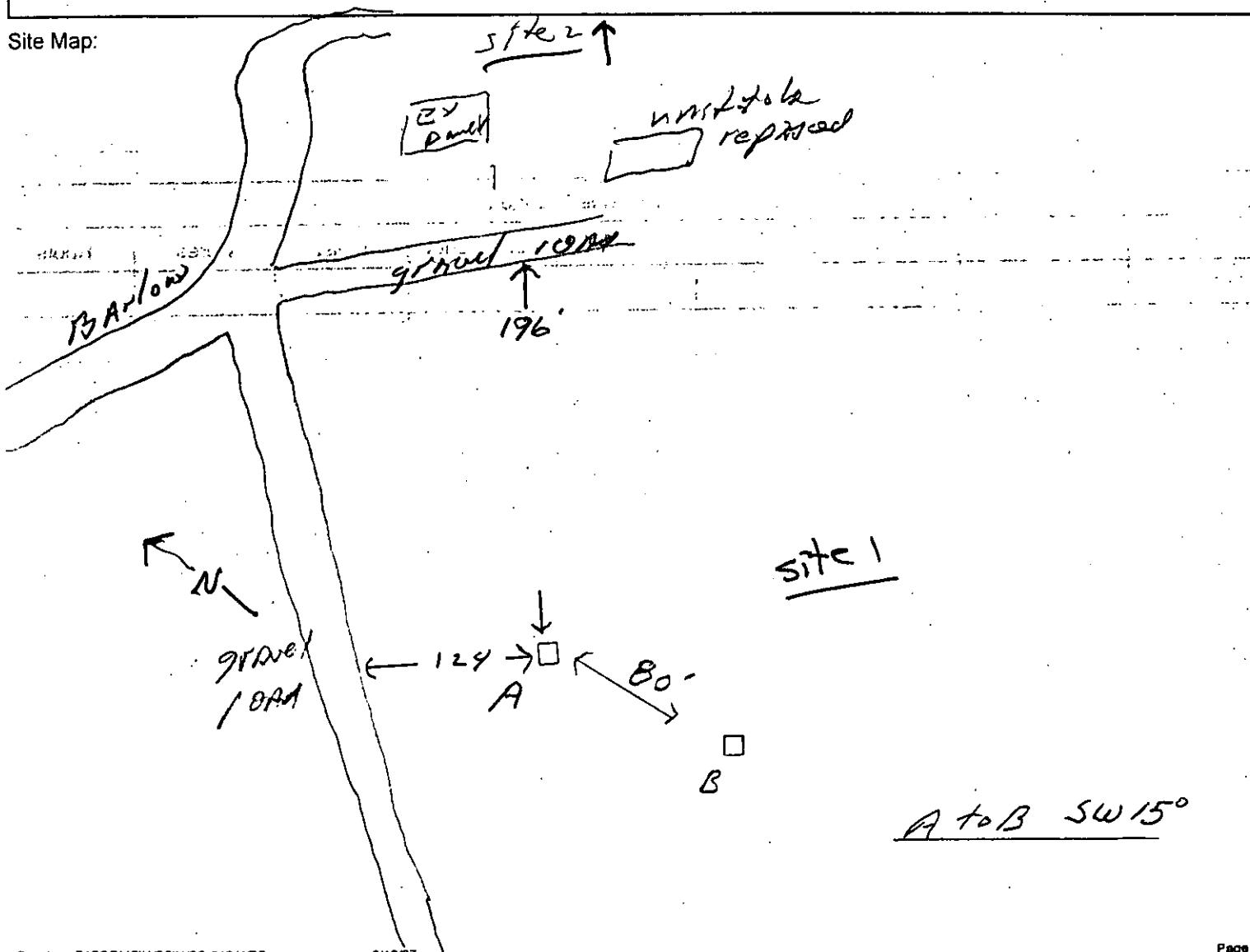
2550 Ventura Avenue, Santa Rosa, CA 95403 - (707) 527-1900

Pre-Perc Field Notes

Sex 08-0720

Address: 1690 Barlow	Pre-Perc date: 5-24-04	Time: 11:00 AM
AP# 061-050-055	Site Review by:	
Test conducted by: Richard T. Lease R.E.H.S.	Subdivision: Yes ☐ No ☒	Initial ☐ Supp. ☒
Test verified by: Same R.E.H.S. 3928	Water availability zone:	
Special standards area:	SCS soil type:	
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: Eng. Design ☐ Topographic map req. ☐ Geology report req. ☐		
Comments:		

Site Map:



Average Ground Slope: Site 1								
Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
0-20/15	10YR 4/3	<5	SL	B	VFr	dry	lots	lots
20-32/27	10YR 6/4	<5	SL	B	VFr	dry	lots	lots
32-47/44	10YR 6/8	<5	SiCL	B	F	dry - clay	some	some
47-102	2.5Y 6/8	<5	SL	B	VFr	clay	some	some
w/depth								

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

Other: ok to extrapolate using elevation difference GW's ±100' above.
0.6g/ft to 30"

Average Ground Slope: Site 1								
Profile: B								
Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
0-16	10YR 4/3	<5	SL	B	VFr	dry	lots	lots
16-48/16	10YR 6/4	<5	SL	B	VFr	dry	lots	lots
48-68	10YR 6/8	<5	SiCL	B	F	clay	some	some
68-106	2.5Y 6/8	<5	SiCL	B	F	clay	some	some

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

Other:

Average Ground Slope:								
Profile:								
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

Site 2

PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

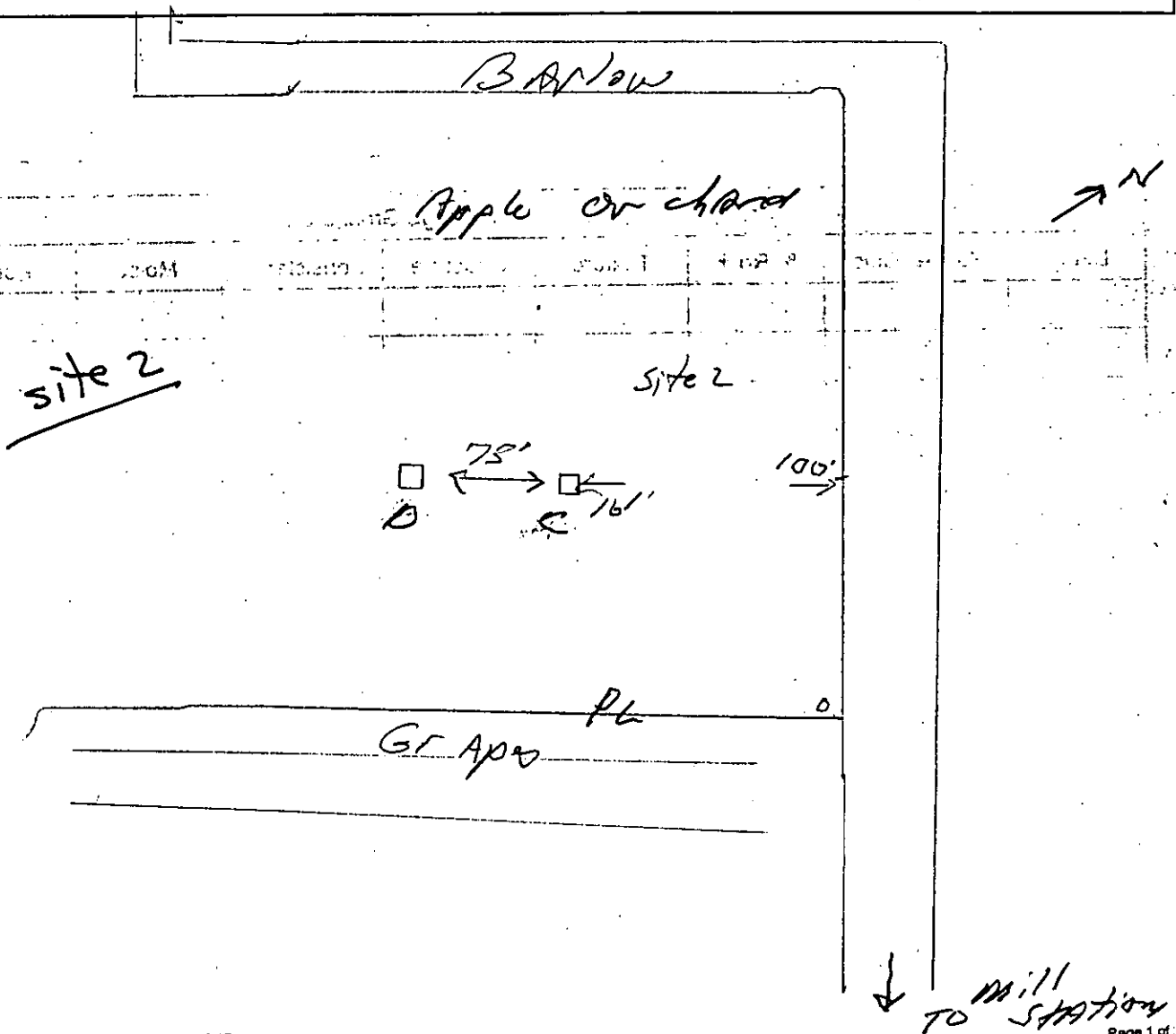
2550 Ventura Avenue, Santa Rosa, CA 95403 - (707) 527-1900

Pre-Perc Field Notes

Sex 04-0720

Address: 1690 BARLOW		Pre-Perc date: 5-24		Time: 11:00 AM	
AP# 061-050-055		Site Review by:			
Test conducted by: Richard T. Leese R.E.H.S.		Subdivision: Yes ☐ No ☒		Initial ☐ Supp. ☒	
Test verified by: SAME R.E.H.S. 3928		Water availability zone:			
Special standards area:		SCS soil type:			
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:		Eng. Design ☐ Topographic map req. ☐ Geology report req. ☐			
Comments:					

Site Map:



mailed 9/3/04
REQUEST FOR SERVICE

Page 1 of ____

County of Sonoma
Permit And Resource Management Department
Well & Septic Section
2550 Ventura Avenue, Santa Rosa, CA 95403 (707) 565-1900

Location Address 1690 Barlow Rd		City, Zip Sebastopol
Owner/Facility Name M. Harriett Silva		Assessor's Parcel # 061-050-055
Address of Owner 1690 Barlow Rd		City, State, Zip Sebastopol, CA
Person Requesting Service RICHARD T. LEASE JR		Phone (707) 795-1668
Address of Person Requesting Service P. O. BOX 7460		City, State, Zip COTATI, CA 94931
Description Pre-perc		
		By

Date **4-21-04**
Permit # **SE004-0720**

EHS _____ Dist # _____

Category _____ Priority _____

Classification:

- A. Complaint
- B. Site Review
- C. Plan Check
- D. Recheck/Reinspection
- E. Vesting
- F. _____

Disposition:

- 1. Service Completed
- 2. Follow Up
- 3. Referral
- 4. Referral Completed
- 5. Enforcement
- 6. No Violation
- 7. No Action

Report of Investigation

Pre-perc May 24, 04 w/ Richard Lease, R.E.S. 4 profile holes logged, 2 in each area, to determine class I requirements.

Profile holes A & B / site 1 west of house - ok to place a 30" standard using 30 mpi, 125' bedroom provided groundwaters run in 1996 approximately 110' upslope towards house extrapolate area to provide the required 36" separation to groundwaters.

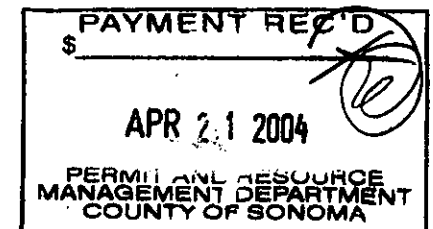
200% Expansion.

Profile holes C & D / site 2 - east of house - Good soils to 104/107 inches

Need to run groundwaters. If pass for a standard ok to design a 30" standard at 125' bedroom to 44" by hole D size at 30 mpi if pass groundwaters or to 48" by both using 0.5 g/f² = 130' bedroom

200% expansion

For office use



Mike Eli
EHS

8-31-04
Date Completed

Profile: CAverage Ground Slope: ~ 2%

Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
0-28/25	10YR 5/4	<5	SL	B	VFr	dry	lots	lots
28-48	10YR 7/3	<5	SCL	B	F	dry	some	some
48-107	10YR 7/2	<5	SL	B	VFr	clayey	some	some

Mottling:

Reduction ☐Oxidation ☐

Depth to groundwater:

Perc depth:

Other: na GWProfile: DAverage Ground Slope: 1-2%

Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots
0-44	10YR 6/2	<5	SL	B	VFr	dry	lots	lots
44-68	10YR 7/4	<5	SCL	B	F	clayey	some	some
68-104	2.5Y 7/6	<5	SB	B	VFr	clayey	some	some

Mottling:

Reduction ☐Oxidation ☐

Depth to groundwater:

Perc depth:

Other: na GW

Profile:

Average Ground Slope:

Depth	Munsell Color	% Rock	Texture	Structure	Consistency	Moist	Pores	Roots

Mottling:

Reduction ☐Oxidation ☐

Depth to groundwater:

Perc depth:

Other:

Abbreviations:

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Structure:

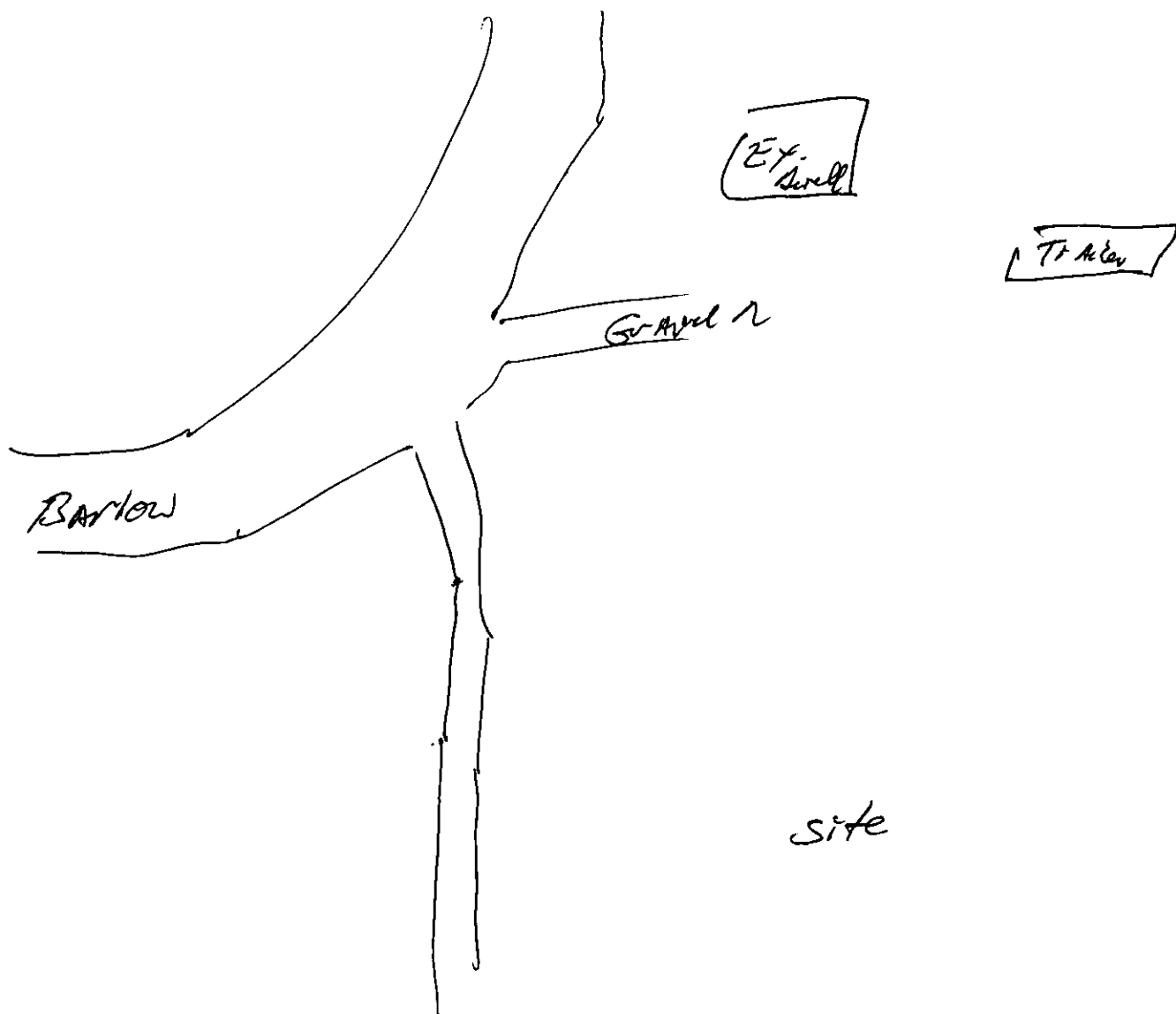
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RECORD OF SURVEY
112 MAPS 4

