



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

Q/P 525528

AGENCY REVIEW: _____

DATE 9/23/06

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH unknown PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Estate of Robert H. Kittleman

% Trent Kittleman and Allan Kittleman

DAYTIME PHONE 301-661-3344 CELL _____ FAX _____

MAILING ADDRESS 3104 Fox Valley Dr. West Friendship MD 20794
STREET CITY/TOWN STATE ZIP

APPLICANT Heather Mitchell

DAYTIME PHONE 410-494-6294 CELL 443-831-3441 FAX 410-821-0147

MAILING ADDRESS 5956 Autumn Spell Elkridge MD 21075
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Friendship Farm LOT NO. 5

PROPERTY ADDRESS 3104 Fox Valley Drive West Friendship MD 21794
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 15 GRID 14, 15, 20, 21 PARCEL(S) 117 PROPOSED LOT SIZE 1 acre

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

Heather Mitchell
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
1718 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



Howard County
Health Department

Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

May 16, 2008

Laura Kittleman Yeatts
PO Box 1017
Poolesville, MD 20837

RE: **Variance Approval**
Kittleman Property lots 3, 4, & 5

Dear Madam:

The Department of Health has received your variance request dated April 19, 2008 to allow a Sewage Disposal Areas to be located five (5) feet from the property line. This agency grants **approval** of the variance. Any deviation from the perc certification plan signed on May 16, 2008 will require review by this Department.

Any questions regarding this decision may be directed to the Well and Septic Program of the Howard County Health Department.

Respectfully,

Michael J. Davis, R.S.
Assistant Director
Bureau of Environmental Health

c: File

APPLICATION

PERCOLATION TESTING

A 56382-c

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 12-19-95

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Robert H. Kittleman

ADDRESS 3104 Fox Valley Drive, PHONE (410) 531-3694
West Friendship, MD 21794

AGENT OR PROSPECTIVE BUYER Allen Kittleman

ADDRESS 13330 Hunt Ridge, Ellicott City, MD PHONE (301) 854-2512
21042

PROPERTY LOCATION: Friendship Farm

SUBDIVISION 3104 Fox Valley Drive, W. Friendship LOT NO. #4

ROAD AND DESCRIPTION _____

TAX MAP 15 PARCEL # 119

SIZE OF LOT 1 Acre TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

① 525568

11
 6" BR gravelly L
 4' RDBR 40% v. gravelly SCL
 4' multi-color FSL Saprolite
 7' LT BR FSL st. cem Saprolite 30%

12
 6" BR gravelly L
 3.5' RDBR gravelly CL
 multi-color FSL
 wk cem Saprolite 20% weathered shale

13
 4' BR CL - 50% shale v. gravelly
 4' RDBR FSL 55% ROCK weathered shale
 9' HB

Holes dug per plan (shown on back side)

14
 1' BR gravelly L
 4' BR gravelly CL
 BR FSL Saprolite 50% Rock weathered shale 50% boulders
 8' HB

15
 6" BR gravelly L
 3' RDBR SCL
 RDBR FSL gravelly Saprolite 40% weathered shale
 10'

16
 1' BR gravelly L
 BR SCL gravelly
 4' multi-color gravelly SL
 wk-st cem Saprolite
 11.5'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/9/04	11	55' / 12'	12:00	12:08	12:20	12	P
	12	5' / 12'	2:02	2:04	2:09	5	P
	13	> 50% ROCK @ 4'					F
	14	> 50% ROCK @ 4'					F
	✓ 15	5' / 10'	12:24	12:27	12:33	6	P
	✓ 16	5' / 11.5'	1:51	1:54	2:04	10	P

REMARKS LOTS
 SANITARIAN AT BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



AP 525568

17

BR gravelly
L

1" BR gravelly
SiCL

4.5' RDBR
FSL
multicolor
saprinite
30% st. com
30% flaggy

11' BR gravelly
L

9" RDBR
CL

4.5' BR SL
multicolor
saprinite
35%
weathered
shale

10.5'

add'l holes dug
approximate location shown
on back side.

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/9/00	17	4' / 11'	1:10	Pulled Slow			
		5' / 11'	1:29	1:38	1:48	10	P
✓	18	4.5' / 10.5'	2:14	2:27	2:50	23	P

REMARKS LOT 5

SANITARIAN AT BACKHOE _____ OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SAW Alca @ 5', 5.5'



2/27/95

APPLICATION

PERCOLATION TESTING

A 56382-A

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

*PREVIEW OK
FARM PLOTS
+ 1 R6PAM*

DISTRICT _____

DATE 12-19-95

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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ROAD AND DESCRIPTION _____

TAX MAP 16 PARCEL # 119

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Alan H. Kittleman
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

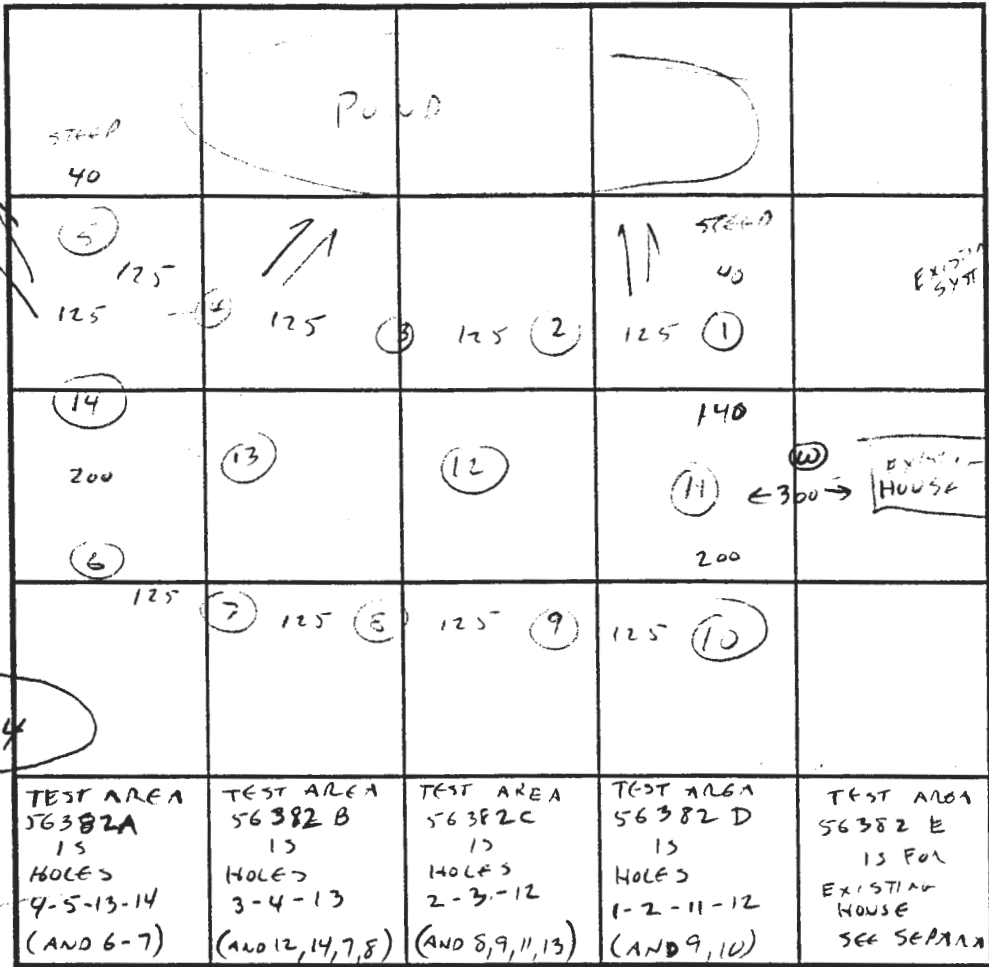
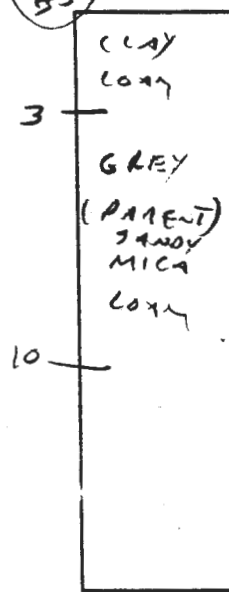
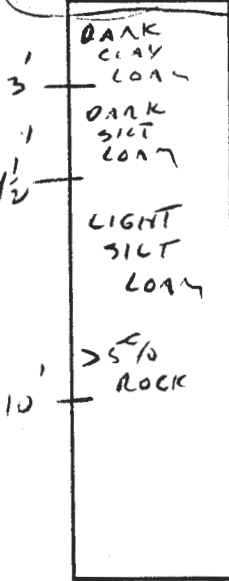
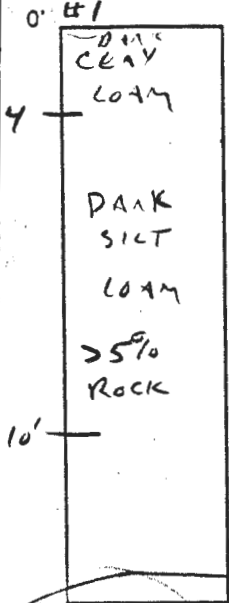
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE #1



To FOX VALLEY DRIVE

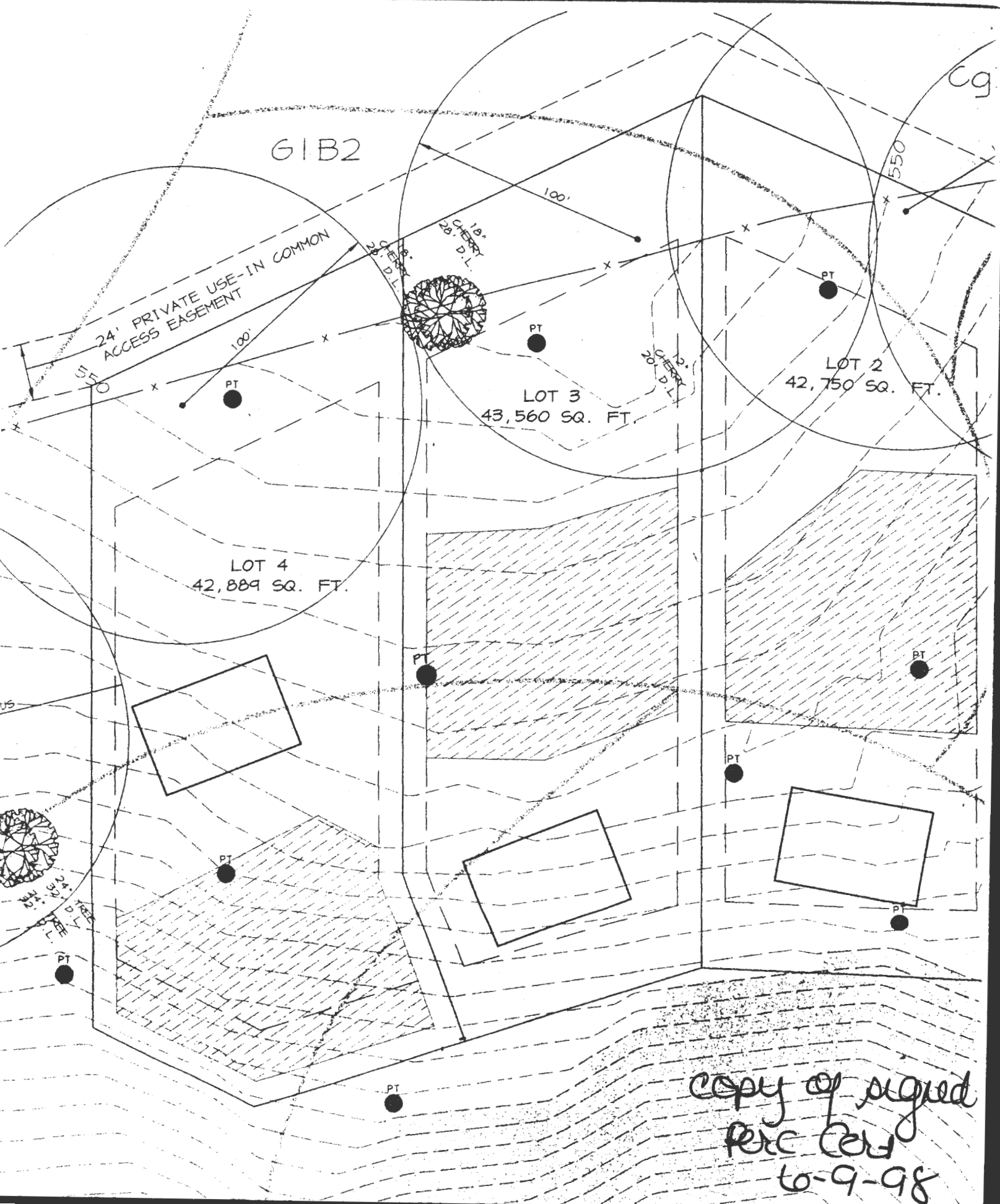
SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/27/95	1	4 1/2	12:33:30	12:41	12:41	12:56	15 MIN
		VIS OK 4-10'	DARK SILT LOAM				
	2, 4	SAME AS #3	- VIS OK 3-10'		LIGHT SILT LOAM		
	3	4 1/2	12:22	12:25	12:25	12:31	6 MIN
		VIS OK 4 1/2-10'	LIGHT SILT LOAM				
	5	3 1/2	12:10	12:13:30	12:13:30	12:18:30	5 MIN
		VIS OK 3-10'	GREY SANDY MICA LOAM				
	11-14	VIS OK 4 1/2-10'	SIMILAR TO #3				
	6-10	VIS OK	SIMILAR TO #3				
		NOT USED - HIGH ON LOT	POTENTIAL WELL AREA				

REMARKS UNABLE TO MEASURE DISTANCE TO POND - STEEP & ICY
 TYPE OF SOIL WATCH TOPOGRAPHY ALONG LOWER LIMITS - NEAR SWALGS AND STEEP SLOPES
 TESTED BY CW [Signature] ALSO PRESENT KITTEMAN
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 TRENCH WIDTH 3
 INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 240



GIB2

Cg

24' PRIVATE USE-IN COMMON ACCESS EASEMENT

LOT 2
42,750 SQ. FT.

LOT 3
43,560 SQ. FT.

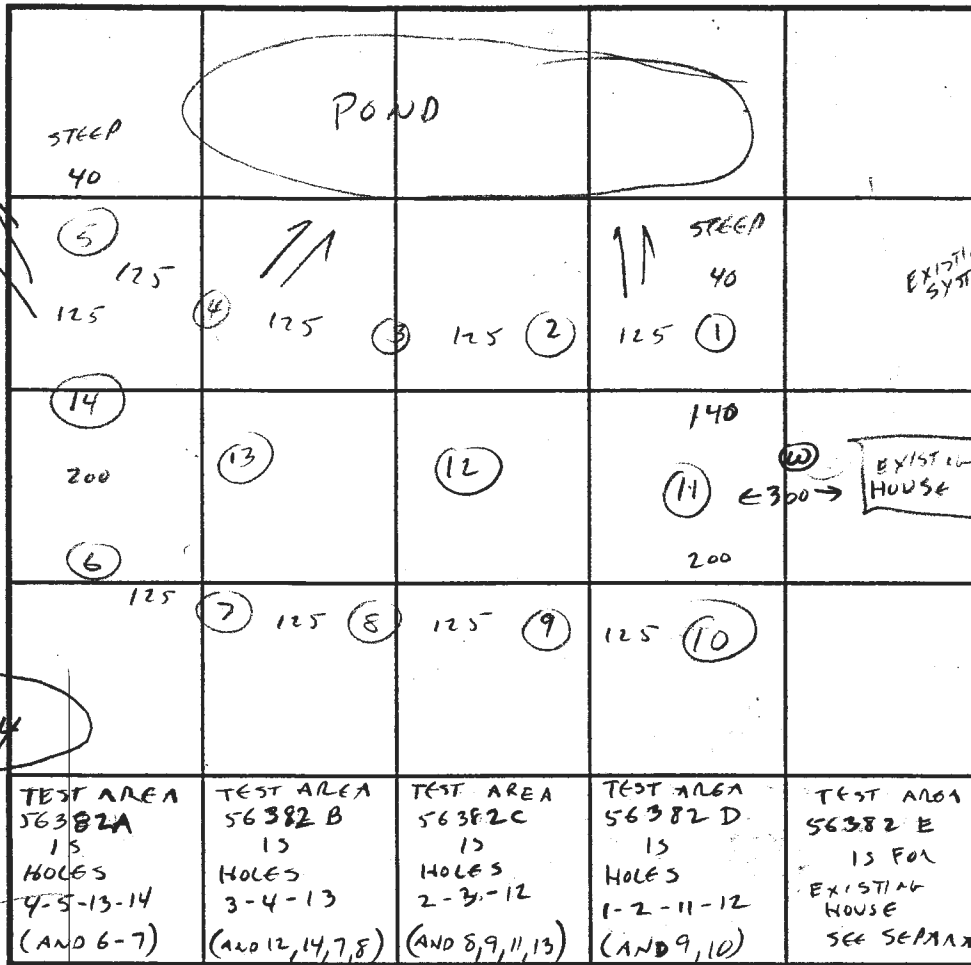
LOT 4
42,889 SQ. FT.

copy of signed
REC CD
6-9-98

COUNTY #

SOIL PROFILE #1

0' DARK CLAY LOAM
DARK SILT LOAM
>5% ROCK



SOIL PROFILE

0' DRIVEWAY
EXISTING SYSTEM
EXISTING HOUSE

TO FOX VALLEY DRIVE

2-3-4 AND 6-14

DARK CLAY LOAM
DARK SILT LOAM
LIGHT SILT LOAM

>5% ROCK

TEST AREA 56382A 15 HOLES 4-5-13-14 (AND 6-7)	TEST AREA 56382 B 15 HOLES 3-4-13 (AND 12, 14, 7, 8)	TEST AREA 56382C 15 HOLES 2-3-12 (AND 8, 9, 11, 13)	TEST AREA 56382 D 15 HOLES 1-2-11-12 (AND 9, 10)	TEST AREA 56382 E 15 FOR EXISTING HOUSE SEE SEPARATE SHEET
--	---	--	---	--

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/27/95	1	4 1/2	12:33:30	12:41	12:41	12:56	15 MIN
		VIS OK 4-10' DARK SILT LOAM					
	2, 4	SAME AS #3 - VIS OK 3-10' LIGHT SILT LOAM					
	3	4 1/2	12:22	12:25	12:25	12:31	6 MIN
		VIS OK 4 1/2-10' LIGHT SILT LOAM					
	5	3 1/2	12:10	12:13:30	12:13:30	12:18:30	5 MIN
		VIS OK 3-10' GREY SANDY MICA LOAM					
	11-14	VIS OK - 4 1/2-10' SIMILAR TO #3					
	6-10	VIS OK SIMILAR TO #3					
		NOT USED - HIGH ON LOT - POTENTIAL WALL AREA					

REMARKS UNABLE TO MEASURE DISTANCE TO POND - STEEP & ICY

TYPE OF SOIL WATCH TOPOGRAPHY ALONG LOWER LIMITS - NBAN SWALES AND STEEP SLOPES

TESTED BY CWILSON ALSO PRESENT KITTELMAN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 TRENCH WIDTH 3

INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 240

CLAY LOAM
GREY (PARENT) SANDY MICA LOAM