

APPLICATION

PERCOLATION TESTING

A513360

P _____

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

DISTRICT _____

DATE 3/31/2000

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 SY

PROPERTY OWNER BRAUDE, HERMAN

ADDRESS 4260 TEN OAKS ROAD DAYTON MD. 21036-1134 PHONE _____

AGENT OR PROSPECTIVE BUYER HAILEY DEVELOPMENT L.C.

ADDRESS 3905 NATIONAL DRIVE, SUITE 410, BURTONSVILLE MD. 20866 PHONE (301) 476-7715

PROPERTY LOCATION:

SUBDIVISION BRAUDE PROPERTY LOT NO. X

ROAD AND DESCRIPTION 4260 TEN OAKS ROAD DAYTON

TAX MAP 22 PARCEL # 551

SIZE OF LOT 1 AC. TYPE BLDG. S.F.D.
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERST
FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AG
COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Eacharia J. Fisch (agent)
(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

6/1-6/2/00
10:00

NOT TO SCALE

COUNTY #

SOIL PROFILE

203

0' topsoil
 1' dk red brn sa cl lm
 3' med to pale org brn sa lm w/mica
 15% sapr sh
 12' Hard

205

0' topsoil
 1' med org brn sa cl lm
 3' pale org brn sa lm w/mica
 15% sapr sh

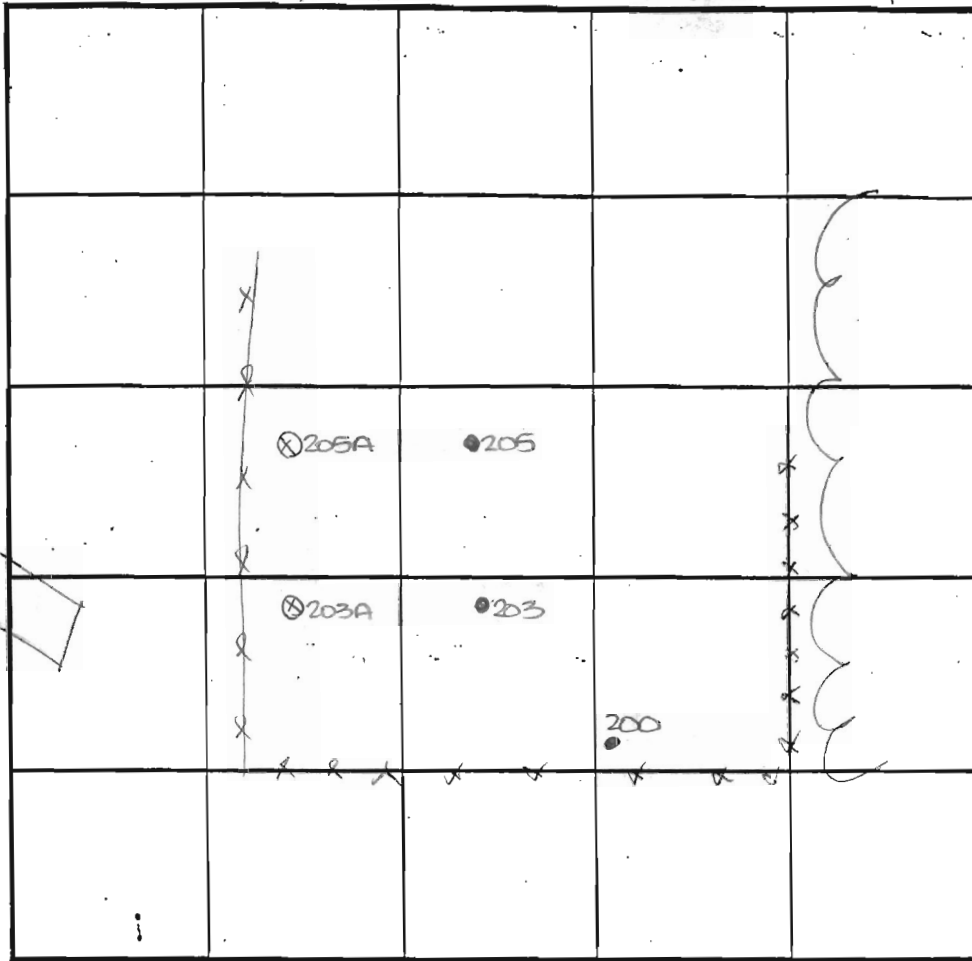
205A

0' topsoil
 1' med org brn sa cl lm
 3' pale org brn sa lm w/mica
 20% sapr sh

SOIL PROFILE

203A

0' topsoil
 1' med org brn sa cl lm
 3' med to pale org brn sa lm w/mica
 15% sapr sh



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Ten Oaks Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-1-00	203	3' 2" S	10:29 ₃	10:31	10:31	10:33 ₃	3
		12.0' D	Hard	-see profile			OK
	205	3.5' S	10:38	10:39 ₃	10:39 ₃	10:41 ₃	2
		13.0' D	visual	-see profile			OK
	205A	3.5' S	10:49	10:50 ₃	10:50 ₃	10:54	4
		7.5' M	10:58	10:58 ₃	10:58 ₃	11:07	9
		13.0' D	visual	-see profile			OK
	203A	13.5' D	visual	-see profile			OK
	200	5' 9" D	Water				FAIL

REMARKS 200, 203, 205 tested as staked

TYPE OF SOIL Glenetg

TESTED BY DKS

ALSO PRESENT O. Ketterman

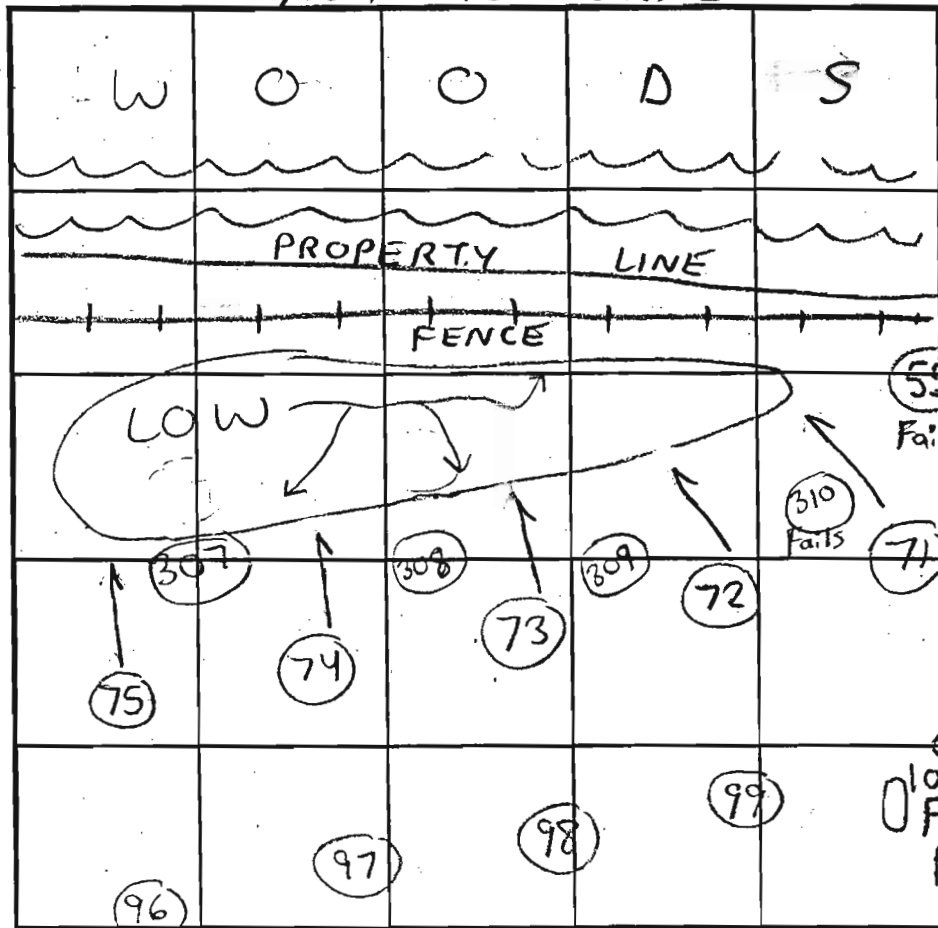
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

13' Near hard

NOT TO SCALE

COUNTY #
 SOIL PROFILE 75
 0' Topsoil
 4" red-brown clay
 6-7' light brown sandy loam
 10-20% saporite mica SCHIST
 13'8" 74
 2-4" Topsoil
 red-brown clay
 5-6' tan-brown loam
 10-15% saporite mica SCHIST
 13'6" 73
 4-6" Topsoil
 orange-brown clay
 pockets of feldspar 25%
 6-7' tan-brown sandy loam
 5-10% saporite mica SCHIST
 14'



SOIL PROFILE 72
 0' Topsoil
 3" Orange brown clay
 6'5" tan sandy loam
 5-15% saporite mica SCHIST
 14'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

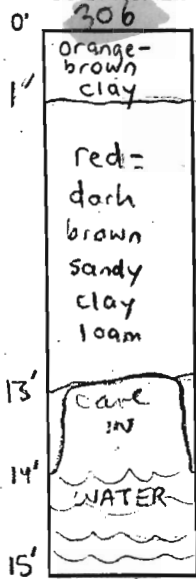
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
0/30/00	75	6'3" T / 13'8" V	10:21am	10:22am	10:22am	10:24am	2min	OK
	74	5'10" T / 13'6" V	10:33am	10:34am	10:34am	10:36am	2min	OK
	73	5'10" T / 14' V	10:42am	10:46am	10:46am	10:55am	9min	OK
	72	6'10" T / 13' V	10:58am	10:59am	10:59am	11:00am	1min	OK
		Repour	11:00am	11:02am	11:02am	11:04am	2min	
	71	5'10" T / 14' V	11:13am	11:15am	11:15am	11:19am	4min	OK
	SEE	SOIL PROFILE FOR 73						

REMARKS Soils look consistent - Clay layer deep
 TYPE OF SOIL Glenely / Chester
 TESTED BY Steven R. Krieg Chops Atkins - Post-no. Robert Fyock - Backhoe ALSO PRESENT Jack Fyock - Frequently
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

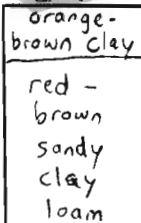
NOT TO SCALE

COUNTY # 4

SOIL PROFILE 306



307

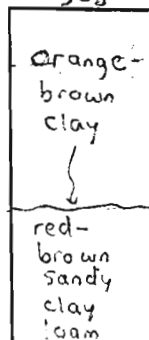


No water observed

30-45% mica frags
HARD

14'10"

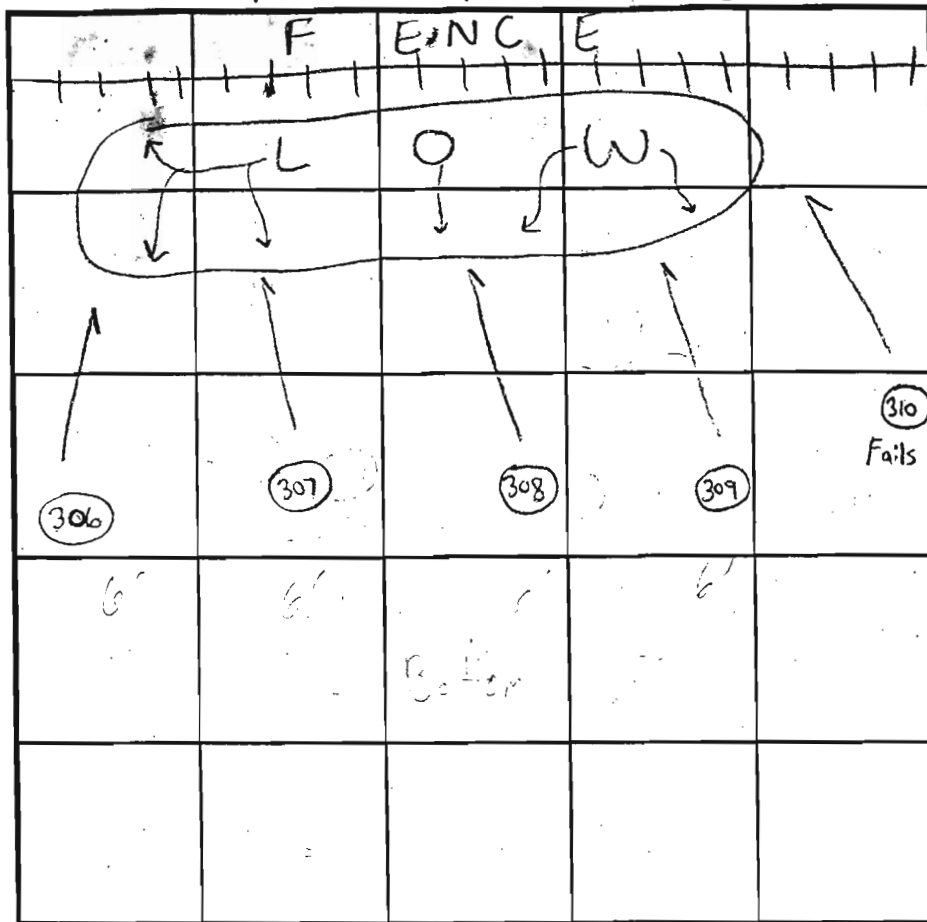
308



30-45% mica frags

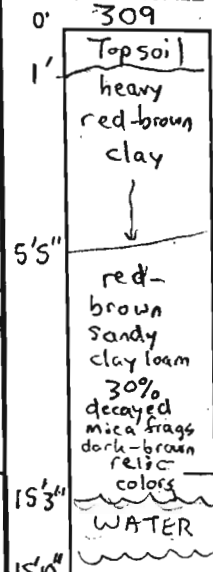
No WATER

15'5"

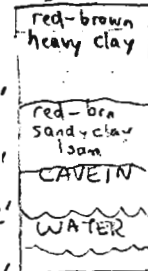


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE 309



310



from parent rock?

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/17/01	306	3'4" T / 15' V	3:51 pm	3:55 pm	3:52 pm	3:54 pm	2 min	OK
		(SHIFT SEPTIC AREA)			UPHILL	AHAP		
	307	3' T / 14'10" V	4:00 pm	4:02 pm	4:02 pm	4:04 pm	2 min	OK
		(SHIFT SEPTIC AREA)			UPHILL	AHAP		
	308	4' T / 15'5" V	4:05 pm	4:14 pm	4:14 pm	4:44 pm	30 min	OK
		(SHIFT SEPTIC AREA)			UPHILL	AHAP		
5/18/01	309	6' T / 15'10" V	10:47 am	11:00 am	11:00 am	11:17 am	17 min	OK
	310	15' V	(Insufficient soil buffer)				NA	Fail

REMARKS Additional 4' wet season buffer added to this perc test in addition to req. 4 CGMAR Buffer (2001 Testing) → Glenely & Chester

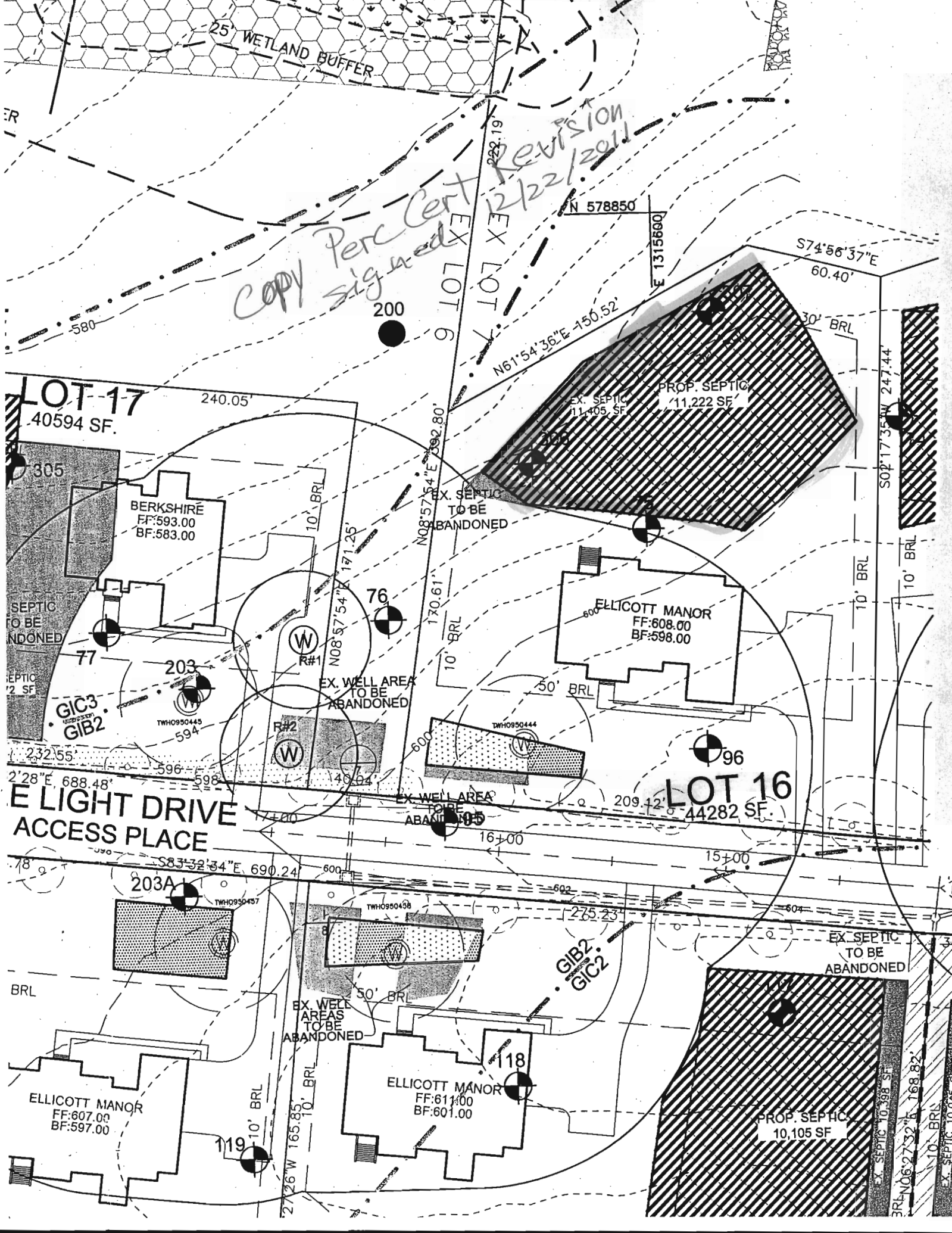
TYPE OF SOIL Robert Fyock = Backhoe Donald = Posthole ALSO PRESENT

TESTED BY SRK

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH 3'

INLET DEPTH 2' MAXIMUM BOTTOM DEPTH 4' SQ. FT./BEDROOM

copy Perc Cert signed 12/22/2011



LOT 17
40594 SF.

BERKSHIRE
FF:593.00
BF:583.00

SEPTIC
TO BE
ABANDONED

GIC3
MODIFIED
GIB2

**E LIGHT DRIVE
ACCESS PLACE**

ELLCOTT MANOR
FF:607.00
BF:597.00

EX. SEPTIC
11,405 SF

EX. SEPTIC
TO BE
ABANDONED

EX. WELL AREA
TO BE
ABANDONED

EX. WELL AREA
TO BE
ABANDONED

ELLCOTT MANOR
FF:608.00
BF:598.00

LOT 16
44282 SF.

ELLCOTT MANOR
FF:611.00
BF:601.00

EX. SEPTIC
TO BE
ABANDONED

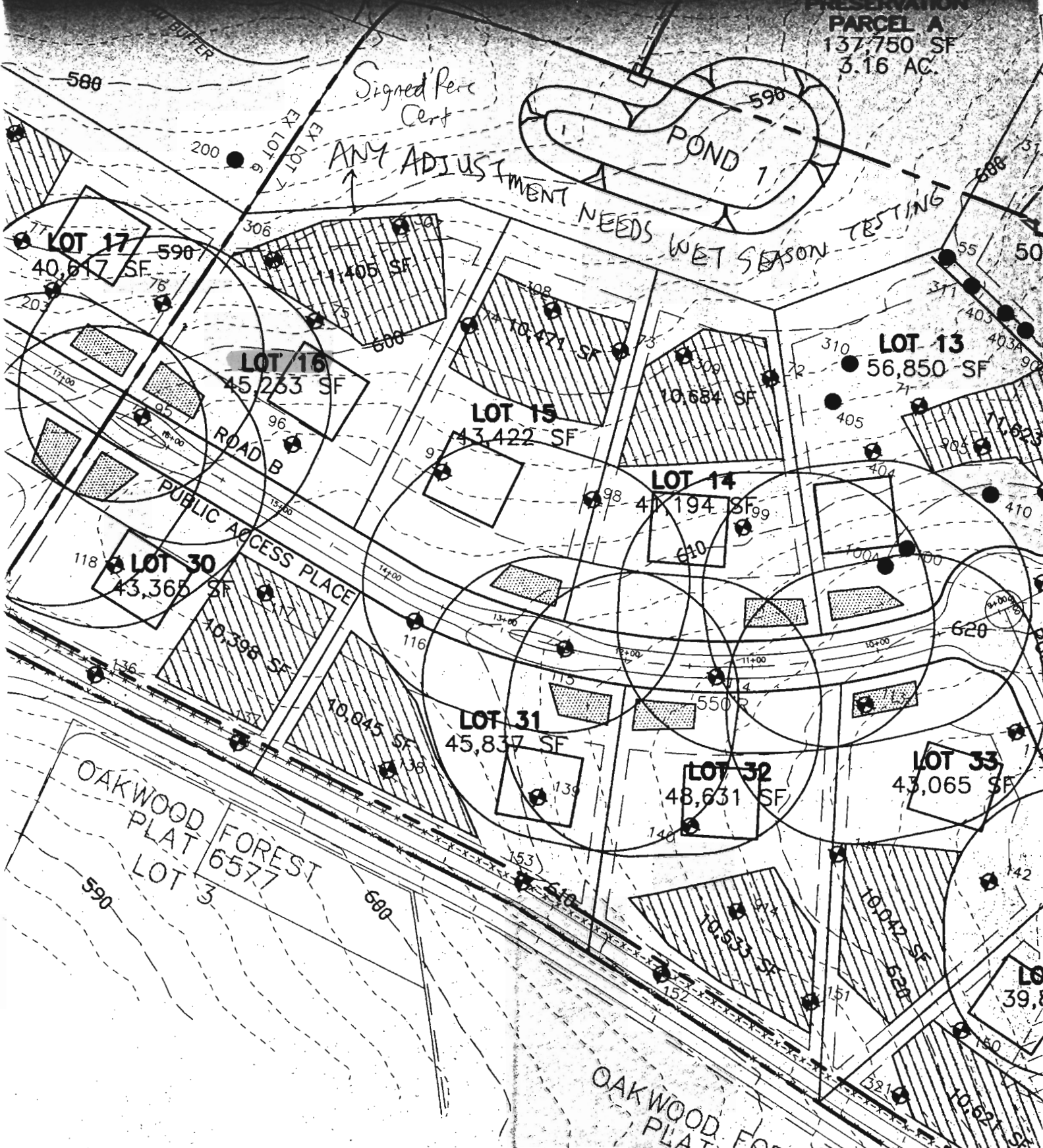
PROP. SEPTIC
10,105 SF

EX. SEPTIC 10,398 SF

EX. SEPTIC 10,045 SF

PRESERVATION
PARCEL A
137,750 SF
3.16 AC.

Signed Perc
Cert
↑
ANY ADJUSTMENT
NEEDS WET SEASON TESTING



LOT 17
40,017 SF

LOT 16
45,263 SF

LOT 15
43,422 SF

LOT 14
41,194 SF

LOT 13
56,850 SF

LOT 30
43,365 SF

LOT 31
45,837 SF

LOT 32
48,631 SF

LOT 33
43,065 SF

OAKWOOD
PLAT FOREST
LOT 3
6577

OAKWOOD
PLAT FOR