

FYOCK

APPLICATION

PERCOLATION TESTING

A 58576

P _____

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

DISTRICT 5

DATE 7/23/97

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 EDWARD B Winston

ADDRESS 8528 Blounts Lane Kelton Md 20759 PHONE 410 290 3870

AGENT OR PROSPECTIVE BUYER JOHN Boender, Boender, Inc

ADDRESS Po Box 267 W/Friendship PHONE 410-442-1200

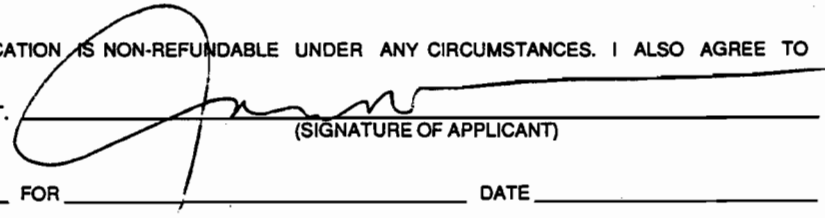
PROPERTY LOCATION: Block "G"
SUBDIVISION Beaufort Park Sub LOT NO. 3

ROAD AND DESCRIPTION Blounts Lane

TAX MAP 45 PARCEL # 26

SIZE OF LOT 1 Acre TYPE BLDG. SFD
(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

A 58576
COUNTY #

SOIL PROFILE

0'

		-		
		Sec Attached for Diagram		

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-15-97	(G)	clay to 6.0	- refusal at 7.0				
		Insufficient depth to bedrock					F
	(H)	Refusal at 7.0	- clay to 5.0				
		Insufficient depth to bedrock					F

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillan ALSO PRESENT Tom Hill

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

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ADDRESS Po Box 267 W/Friendship 21794 PHONE 410-442-1200

PROPERTY LOCATION: Block "G"

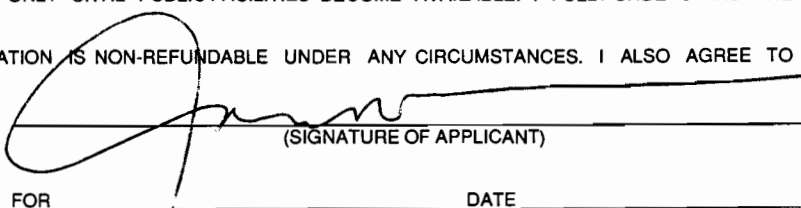
SUBDIVISION Beaufort Park Sub LOT NO. 3

ROAD AND DESCRIPTION BLOUNTS LANE

TAX MAP 45 PARCEL # 26

SIZE OF LOT 1 ac ± TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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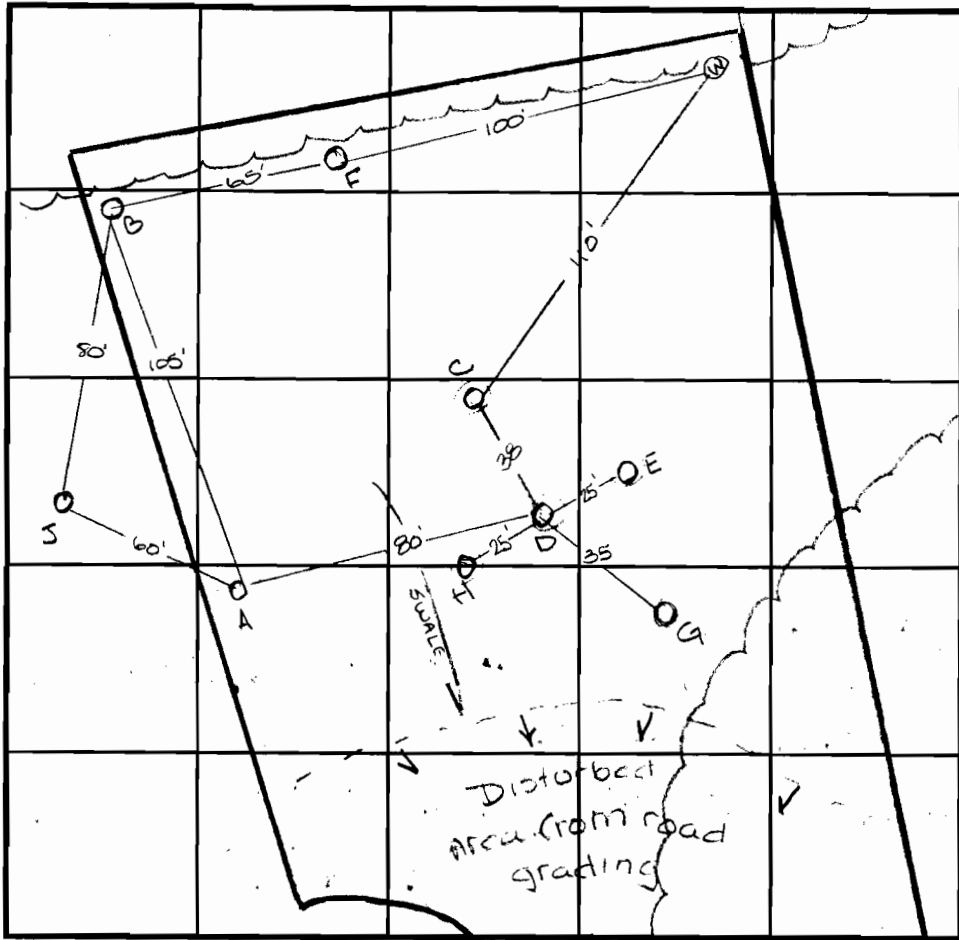
COUNTY #

SOIL PROFILE

0' A
lgt or brown silm
6.0
dull grey lgt large grains silm
10% Rx
12.5

B
4.0
lgt or silm
dark red silm
6.5
dark red clay strong structure
8.0
lgt brn to grey silm
30% Rx
12.0

J
no distinct clay layer
lgt grey to tan silm
15% Rx
refusal



SOIL PROFILE

0' F
dark red silm
3.0
lgt orange to red brn silm
20% Rx
11.5
>50% grey Rx
12.5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
BLOUNT'S LANE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-15-47	A	4.0 V12.5	10:01	10:02	10:02	10:05	3 1/2 min
	B	4.0 V12.0	10:16	10:17	10:17	10:18	1 min
		8.0 V12.0	10:30 ³⁰	10:33 ³⁰	10:33 ³⁰	10:37 ³⁰	4 min
	J	3.0 V12.0	11:12 ³⁰	11:13 ³⁰	11:13 ³⁰	11:15 ³⁰	2 min
		6.5 V12.0	11:25	11:27	11:27	11:29	2 min
	F	3.0 V12.5	10:38 ³⁰	10:40	10:40	10:42	2 min
	C	Clay to 6.0	refusal at 7.5				
			insufficient depth to bed				F
	D	Refusal at 6.0'					F
	E	>50% Rx at 5.5'					F

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY Amy McMillen ALSO PRESENT Tom Hill
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 2.0
 INLET DEPTH 4.0 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT./BEDROOM 180

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

DISTRICT 5

DATE 7/23/97

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 EDWARD B Winston

ADDRESS 8528 Blounts Lane ¹⁵⁰¹⁰¹⁰¹ ~~20759~~ ²⁰⁷⁵⁹ PHONE 410 290 3870

AGENT OR PROSPECTIVE BUYER JOHN Boender, Boender, Inc

ADDRESS Po Box 267 W/Friendship ²¹⁷⁹⁴ PHONE 410-442-1280

PROPERTY LOCATION: Block "G"

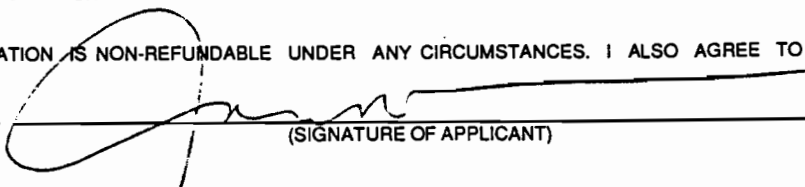
SUBDIVISION Beaufort Park Sub LOT NO. 26 - FRONT OF LOT 9 LOT 4/5

ROAD AND DESCRIPTION Blounts Lane

TAX MAP 45 PARCEL # 26

SIZE OF LOT 1 ac ± TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0'

A

no distinct clay layer orange brown silty 10% shale

14.0

D

lgt or brn silty w/ pockets of lgt grey salm 10% rock >50% Rx at 6.0

7.0

E

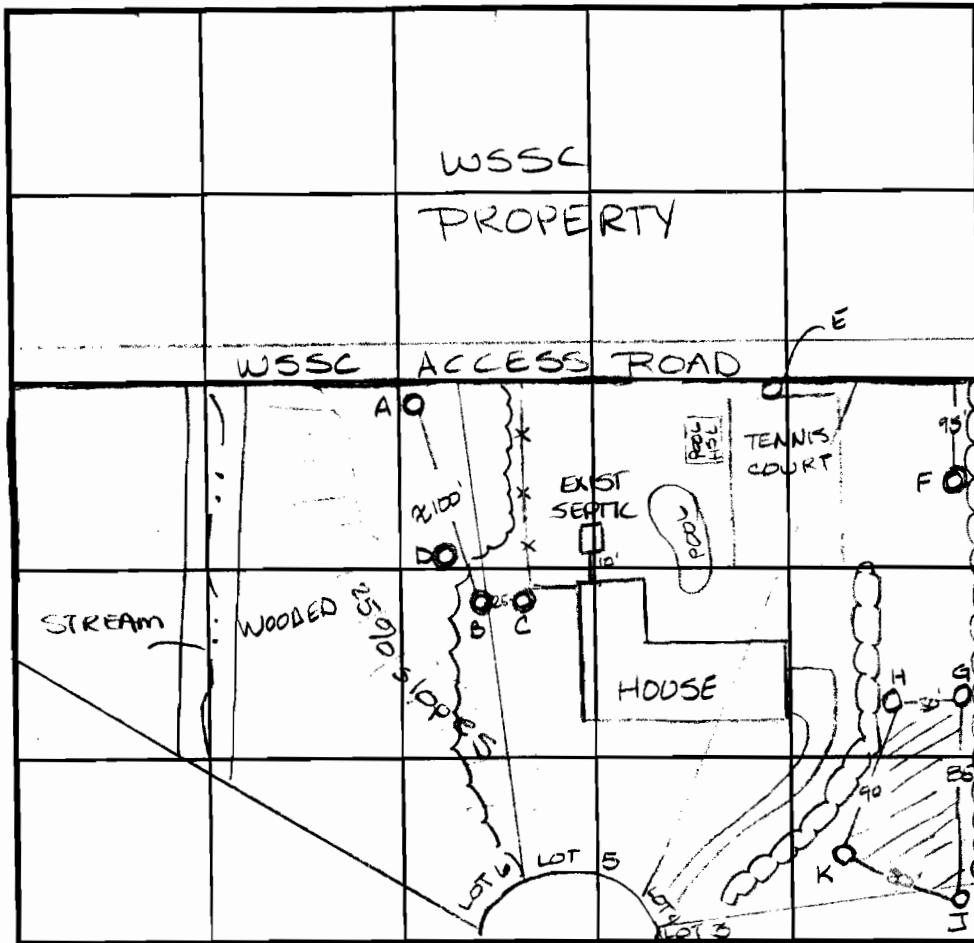
fill

2.0 dark red silty

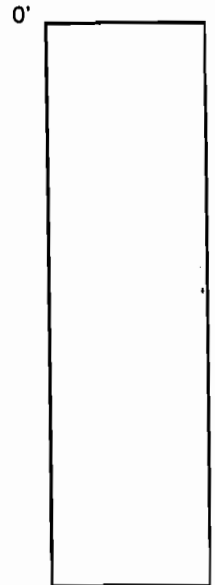
5.0 lgt brn silty

10% Rx

10.0 refusal



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9-24-97	A	3.0 / 14.0	11:49	11:50 ¹⁵	11:50 ¹⁵	11:51 ¹⁵	1 min	
	(B)	>50%	rock throughout - refusal					
	(C)	@	7.0	insufficient depth to bedrock			F	
	(D)	>50%	rock @ 6.0 insufficient depth to bedrock					F
			See profile					F
		6'8" / 7.0	12:38	- 15 second perc				
	E	Visual	to 10.0 - see profile					
			OK	shallow			OK	

REMARKS use holes H, G, K, J

TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Zack Boender

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

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DISTRICT 5

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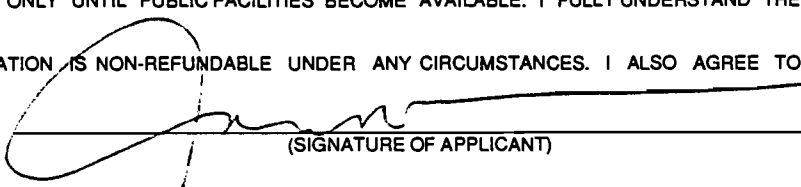
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SOIL PROFILE

0'

1gt
tan
silm
Some
sand

Bright
red
heavy
clm

2.0

8.5

G,H

1gt
tan
silm
20%
stones

4.0

1gt grey
salm
5-10%
Rx

8.5

refusal

See
attached
diagram

SOIL PROFILE

0'

Empty soil profile box

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-24-97	(F)	18" / v18.5	2:00	2:15	2:15	2:36	21min
		(Pre-sand mound test)				deep clay	(F) for standard trench
	G	4.0 / v8.5	2:25	2:26 ¹⁵	2:26 ¹⁵	2:28	134min
	H	Visual	to	8.5 - sec	profile		OK
8-15-97	J	3.0 / v12.0	11:12 ³⁰	11:13 ³⁰	11:13 ³⁰	11:15 ³⁰	2min
		6.5 / v12.0	11:25	11:27	11:27	11:29	2min
	K	4.0 / v12.0	10:16	10:17	10:17	10:18	1min
		8.0 / v12.0	10:30 ³⁰	10:33	10:33	10:37	4min

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen ALSO PRESENT Jack Boender

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

August 20, 1997

Edward B. Winston
8528 Blounts Lane
Fulton, Maryland 20759

RE: Percolation test results
Application Number: A58576
Proposed Use: Existing Lots of Record
Property ID: Beaufort Park, Sec. 1, Blk. G
Lots 3 & 6 - Blounts Lane

Dear Mr. Winston:

Percolation testing was conducted Friday, August 15, 1997 on the above referenced property. Copies of the percolation test results are enclosed.

Percolation testing on Lot 3 yielded several failed test areas due to insufficient depth to bedrock. In order to find sufficient septic reserve area, testing was continued onto Lot 4. The establishment of a septic easement or the re-recording of lot lines will be necessary prior to any further permit approvals.

Percolation testing on Lot 6 yielded unsatisfactory test results due to insufficient depth to bedrock.

A Percolation Certification Plan showing the following information should be submitted to this office by a registered engineer:

- actual locations & elevations of all excavated test holes
- a suitable house site on each lot
- a suitable well site on each lot
- locations of existing wells and septic tanks that are on the property
- show all existing structures on the property
- locations of existing wells and septic tanks within 100 feet of property boundaries.
- streams/swales/springs or any other relevant features
- contour lines

This plan should be submitted within 60 days to allow field verification if necessary.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling (410) 313-2640.

Very truly yours,

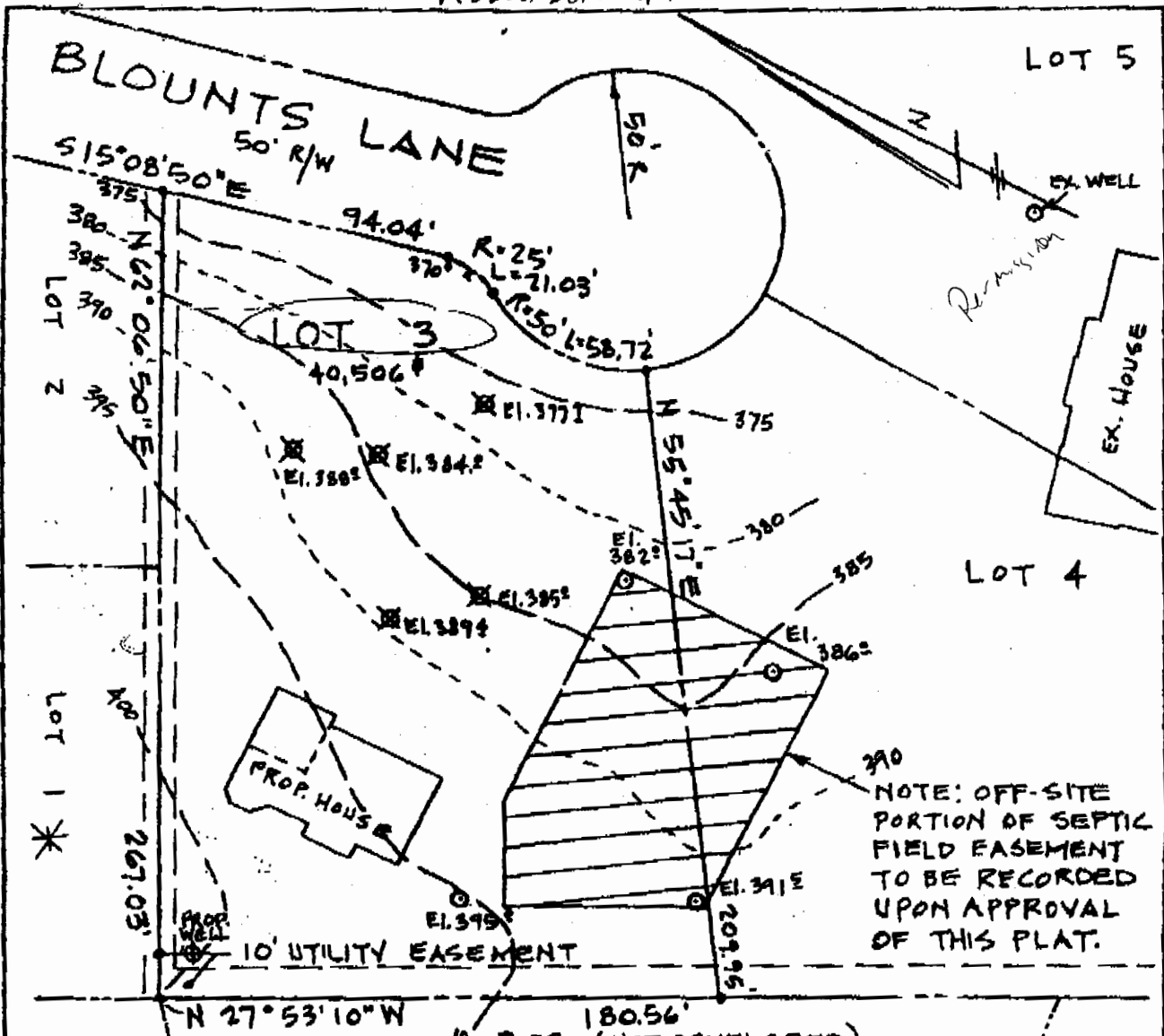
Amy McMillen
Amy McMillen, R.S.
Water and Sewerage Program

AM:am
Enclosures
cc:John Schneider
file

John Boucher

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644
Food Protection Program (410) 313-2642 TDD (410) 313-2323

ADDENDUM #3



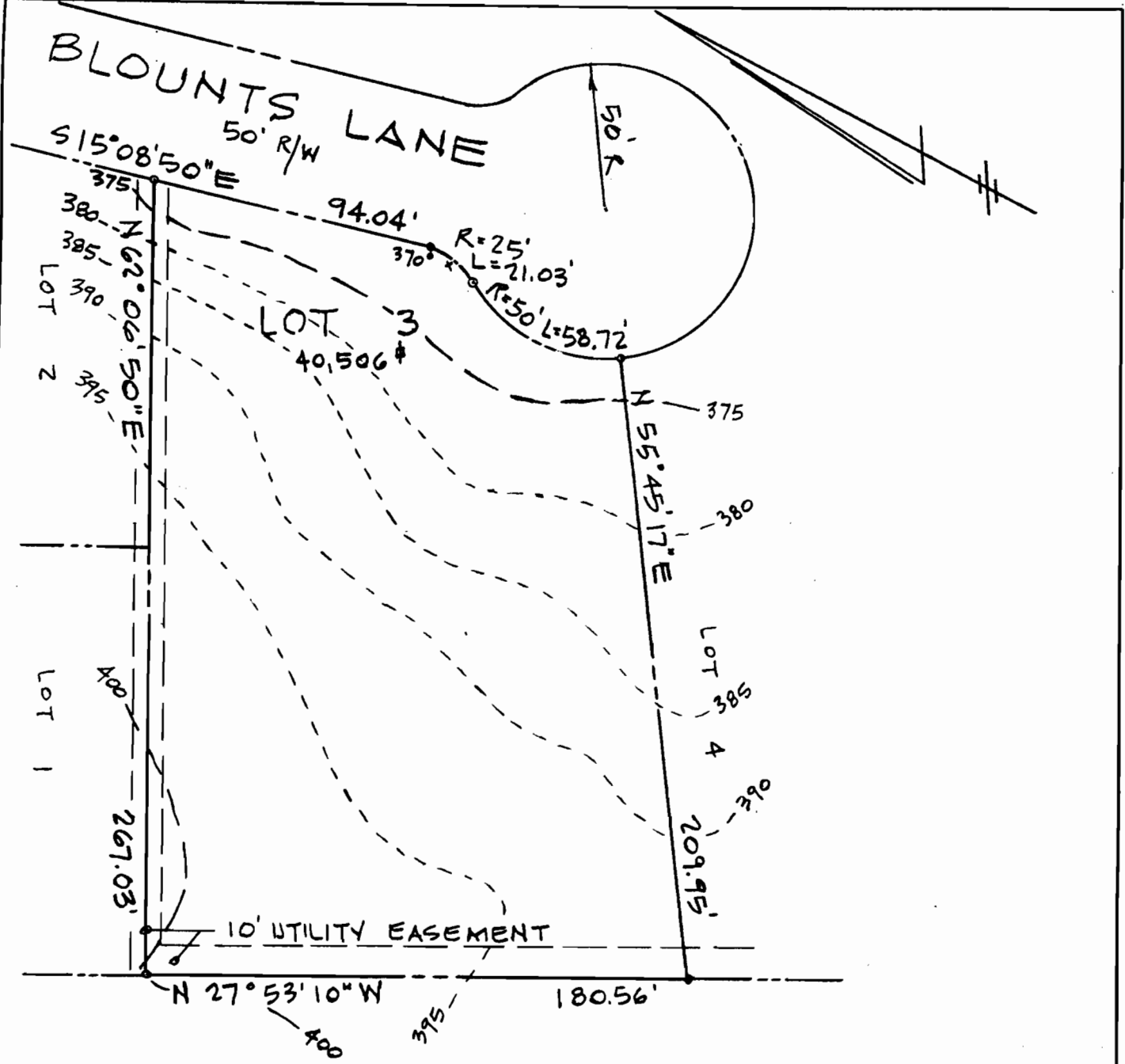
This area designates a private sewage easement of sufficient absorption area as required by the Maryland State Department of the Environment for individual sewage disposal (as per 1964 requirements). Improvements of any nature in this area are restricted until public sewerage is available and servicing any residential structures constructed on this building site. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

All percolation test holes have been field located and shown as thus ⊙
 All wells and septic systems within 100' of property line have been shown
 Percolation test holes shown as ⊗ indicate failed test holes.

The purpose of the partially off-site septic easement configuration shown on Lot 4 is to acquire adequate sewage disposal area to meet the sewage requirements for Lot 3.

APPROVED, FOR PRIVATE WATER AND SEWER
 HOWARD COUNTY HEALTH DEPARTMENT
John L. Schneider 12-2-99
 HOWARD COUNTY HEALTH OFFICER NAME DATE

ENGINEER
 JOHN L. SCHNEIDER, P.E.
 100 N. ROLLING RD.
 CATCHSVILLE, MD. 21728



ENGINEER
 JOHN L. SCHNEIDER, P.E.
 100 N. ROLLING RD.
 CATONSVILLE, MD. 21228
 410-744-1945

RECORDED: PLAT BOOK 10 FOLIO B ON 12/28/64

PERCOLATION TEST PLAT	
LOT 3 · BLOCK G · PLAT 1 · "BEAUFORT PARK"	
5 th ELECTION DISTRICT - HOWARD COUNTY - MD.	
SCALE: 1" = 50'	DATE: JULY 16, 1997

