

# HOWARD COUNTY HEALTH DEPARTMENT

JOYCE B. BOUTO M.D., M.P.H.  
COUNTY HEALTH OFFICER



BUREAU OF ENVIRONMENTAL HEALTH  
P. O., Box 476  
ELICOTT CITY, MARYLAND 21045  
TELEPHONE: 461-9933

MEMORANDUM

Date: 3-17-86

Name: KAY DRUMMOND

Address: 2250 DAISY Rd.

WOODBINE Md.

RE: DRUMMOND PROPERTY

TAX MAP 14 PARCELS 157

Dear: MS. DRUMMOND

Percolation testing conducted 3-14-86 on the above referenced lot indicated satisfactory soil conditions.

Approval of the lot is contingent upon submission by a registered engineer of a plat showing certified test hole locations and a suitable house and well site.

This should be submitted within sixty (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 461-9933.

Very truly yours,

Craig Williams, Acting Director  
Water and Sewerage Program

CW:JR



# APPLICATION

PERCOLATION TESTING

A 36625

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT \_\_\_\_\_

DATE 3/6/86

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Kay Drummond

2260  
ADDRESS ~~2250~~ Daisy Rd., Woodbine, Md PHONE 442-1832

PROSPECTIVE BUYER Unknown

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:  
SUBDIVISION Drummond property LOT NO. 2

ROAD AND DESCRIPTION 2250 Daisy Rd.

TAX MAP 14 PARCEL # 157

SIZE OF LOT 3.0 TYPE BLDG. Single Family  
(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. Kay Drummond  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

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	

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 34625

P \_\_\_\_\_

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BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
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APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

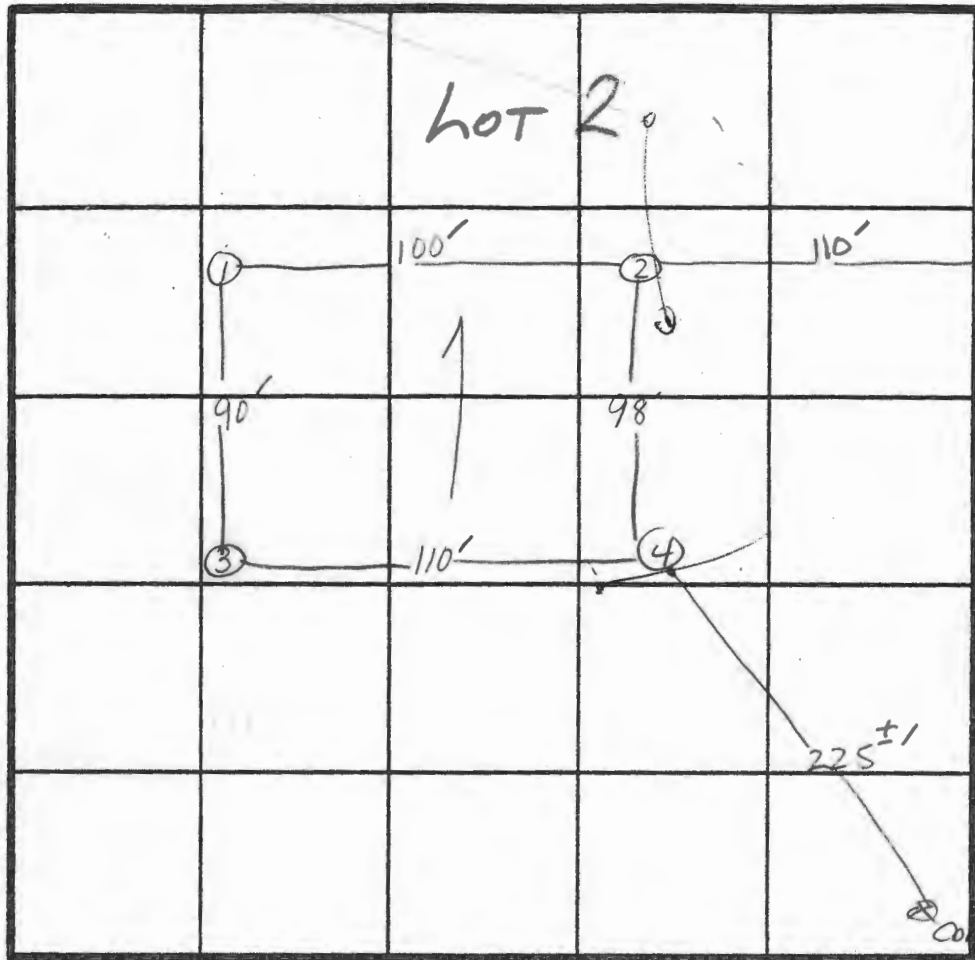
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 3-17-86 Perc Results SATISFACTORY; Hold For  
Certified holes + house + well size. S. Adel

# THIS IS NOT A PERMIT

# LOT 2



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DAISY Rd.

### ① ② SOIL PROFILE

0"	AP
10"	STRONG BR. CLAY LOAM <10% FRAGMENTS
5"	RED BR. SILTY CLAY Lm. <10% FRAGMENTS
9"	RED BR. SILTY Lm. 10% FRAGMENTS
14"	

### ③ ④

0"	AP
10"	REDBROWN CLAY Lm. <10% FRAGMENTS
5"	RED BR. SILTY Lm. 10-20% FRAGMENTS
14"	

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/14/85	⑤	5'	10:59	→ NO MOVEMENT				
	M	9'	10:59	11:04	11:04	11:21	17min	
	1 V	14'	UNIFORM SOIL STRUCTURE BELOW 4'					
	2 S	4.5'	11:13	11:20	11:20	11:36	16min	
	M	9'	11:15	11:19	11:19	11:28	9min	
	2 V	14'	UNIFORM SOIL STRUCTURE BELOW 4'					
	3 S	5'	11:09	→ 1" MOVEMENT				
	M	9'	11:08	11:12	11:12	11:20	8min	
	3 V	14'	UNIFORM SOIL STRUCTURE BELOW 4'					
	4 S	6.0'	11:43	11:46	11:46	11:55	9min	
	V	14'	UNIFORM SOIL STRUCTURE BELOW 5'					
	7	1 S <sub>1</sub>	6'	11:26	11:45	11:45	12:05	20min
		3 S <sub>1</sub>	6'	11:36	11:39	11:39	11:47	8min

X = 13min  
 190°/10R  
 INLET 5"  
 BITTING 9"

EH-12-1079

REMARKS \_\_\_\_\_

TYPE OF SOIL MANUR LOAM

TESTED BY S. Abel ALSO PRESENT \_\_\_\_\_

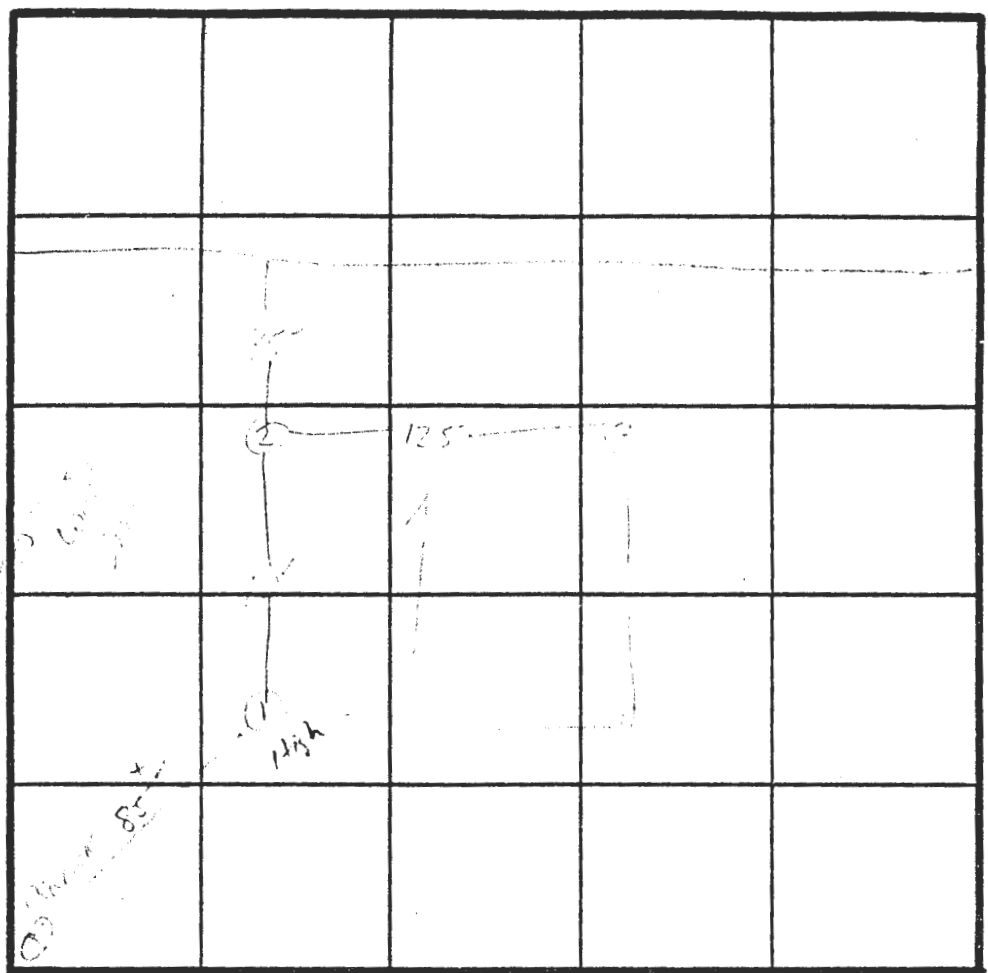
SOIL PROFILE

0'  
10"  
4.5'  
10'  
14'

1A  
Yellow BK Silty Clay  
20-30%  
10-15%

4.5'  
Yellow BK Silty Sand  
70-80%  
10-15%

10'  
10-15%  
20-40%  
10-15%



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DAISY R.

AP  
Yellow BK Silty Clay  
20-30%  
10-15%

4.5'  
Yellow BK Silty Sand  
70-80%  
10-15%

10'  
10-15%  
20-40%  
10-15%

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/14/60	1 V	5"	12:15	12:20	12:20	12:21	1 min
	1 V	14"					
	2 V	4.5-7"	12:06	12:09	12:09	12:10	
	3 V	10"	12:10	12:12	12:12	12:13	
	3 V	4.5-7"	12:19	12:22	12:22	12:23	1 min
	3 V	1"	12:28	12:31	12:31	12:34	29 min
	3 V	14"					
	4 S	7"	12:11	12:14	12:14	12:17	6 min
	4 S	7"	12:14	12:17	12:17	12:20	6 min
	4 V	14"					
	5 S	5"	12:11	12:14	12:14	12:19	6 min

$\bar{x} = 10 \text{ min}$   
170  $\phi$  / BK  
INLET  
4.5  
BOTTOM

EH-12-1079

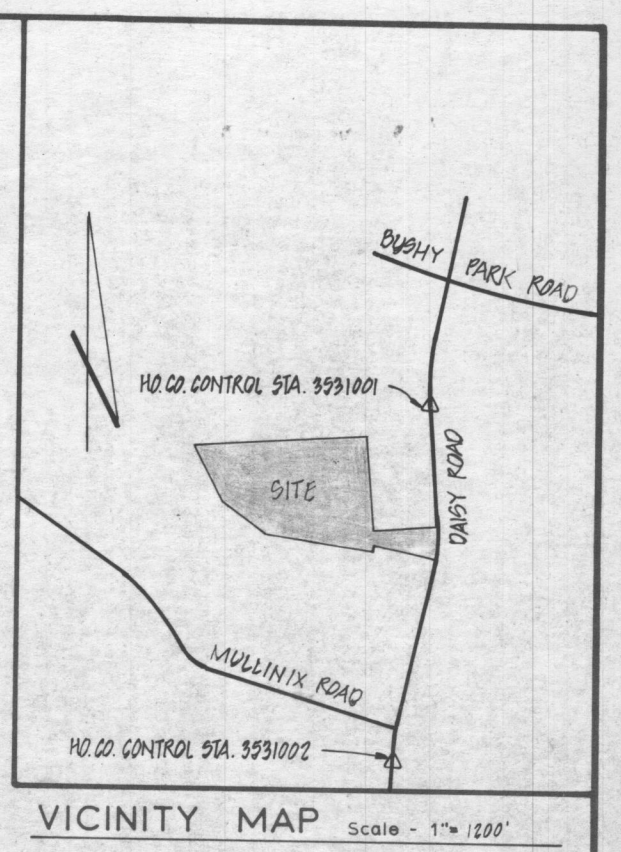
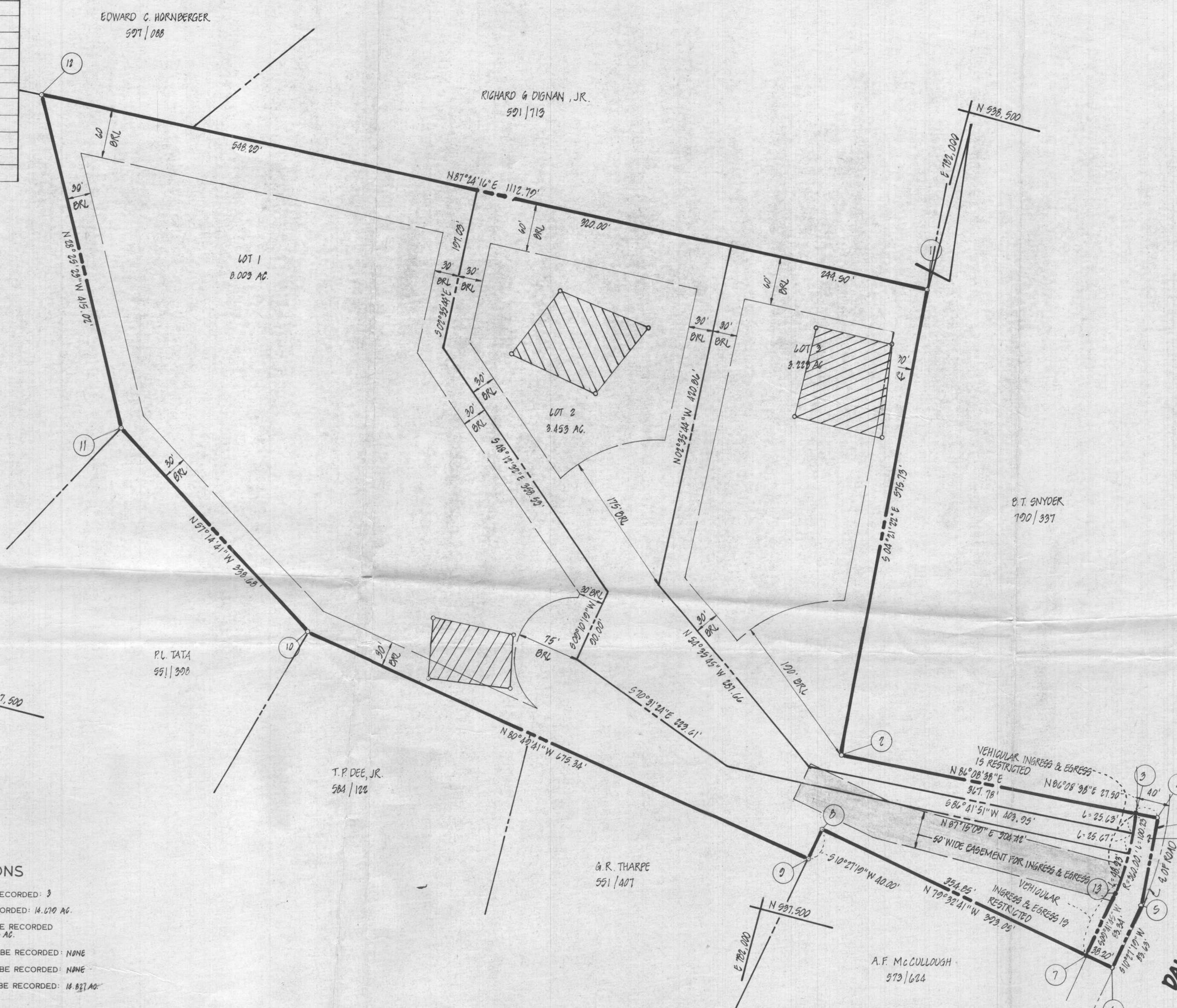
REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

COORDINATE SCHEDULE		
NO.	NORTH	EAST
1	528.289.515	782.007.666
2	527.700.452	782.051.956
3	527.734.185	782.018.298
4	527.736.095	782.045.740
5	527.627.489	782.054.000
6	527.545.248	782.038.899
7	527.552.180	782.001.667
8	527.616.974	782.032.300
9	527.577.238	782.045.060
10	527.684.885	781.978.344
11	527.868.120	781.093.518
12	526.893.121	780.895.978
13	527.634.927	782.015.309

CURVE DATA					
CURVE	RADIUS	LENGTH	TAN	Δ	CHD BEARING & DIST.
3-13	960.00'	100.23'	50.44'	15°57'05"	S 01°43'26" W 90.90'



**GENERAL NOTES**

- 1) Tax Map - 13, Parcel - 197
- 2) Deed Reference - 915/292
- 3) Coordinates shown hereon are based on Maryland State Plane coordinate system, Howard County control stations 9991001 AND 9991002
- 4) Subject property zoned - R, per 8-02-85 Comprehensive Zoning Plan.
- 5) ● - DENOTES IRON BAR OR IRON PIPE TO BE SET.
- 6) The lots shown hereon comply with the minimum ownership width and lots required by the Maryland State Department of Health and Mental Hygiene.
- 7) This area designated a private sewage easement of approximately 10,000 sq. ft. as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available and servicing any residential structures constructed on these building sites. These easements shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewer easement. Recordation of a modified sewage easement shall not be necessary.
- 8) All percolation test holes shown hereon have been field located and shown thus (o).
- 9) For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and the road right-of-way line, and not onto the flag or pipestem lot driveway.
- 10) Flag or pipestem lots shall not be further subdivided into lots accommodating additional residences unless a public road can be constructed according to county standards on a minimum fifty (50) foot right-of-way to be dedicated to the County.
- 11) EXISTING STRUCTURE ON LOT 1.
- 12) BOUNDARY INFORMATION SHOWN HEREON IS BASED ON A SURVEY BY CLAUDE M. SKINNER, JR. DATED APRIL 6, 1971.
- 13) SUBDIVISION OF THE PROPERTY WILL REQUIRE FULL COMPLIANCE WITH ALL THE PROVISIONS OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- 14) PLAN SUBJECT TO VP-85-148
- 15) LAND DEDICATED TO HOWARD COUNTY, MARYLAND FOR THE PURPOSE OF A PUBLIC ROAD (0.148 AC.)
- 16) THERE IS AN EXISTING STRUCTURE ON LOT 1. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING BUILDINGS ARE TO BE CONSTRUCTED AT A DISTANCE OF LESS THAN THE ZONING REGULATIONS ALLOWS.

**AREA TABULATIONS**

TOTAL NUMBER OF LOTS TO BE RECORDED: 3  
 TOTAL AREA OF LOTS TO BE RECORDED: 14.670 AC.  
 TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS: 0.148 AC.  
 TOTAL AREA OF OPEN SPACE TO BE RECORDED: NONE  
 TOTAL AREA OF FLOODPLAIN TO BE RECORDED: NONE  
 TOTAL AREA OF SUBDIVISION TO BE RECORDED: 14.827 AC.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT  
*Joyce M. Byrd* 12-2-86  
 HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*Thomas J. Harris* 3-26-87  
 PLANNING DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Stanicee W. Weiland* 3/24/87  
 ACTING DIRECTOR DATE

**OWNER'S STATEMENT**

We, LARRY G. DRUMMOND and KAY G. DRUMMOND, owners of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this final plat by the Office of Planning and Zoning, establish the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns, 1) the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and under all roads and street rights-of-way and the specific easement areas shown hereon, 2) the right to require dedication for public use, the beds of the streets and/or roads and floodplains and open space where applicable, and for good and other valuable consideration, hereby grant the right and option to Howard County to acquire the fee simple title to the beds of the streets and/or roads and floodplains, storm drainage facilities and open space where applicable, 3) the right to require dedication of waterway and drainage easements for the specific purpose of their construction, repair and maintenance, and 4) that no building or similar structure of any kind shall be erected on or over the said easements and rights-of-way.

Witness my/our hands this 19th day of 1986

*Larry G. Drummond*  
 Kay G. Drummond  
 Witnesses: *Joyce M. Byrd*, *Stanicee W. Weiland*

**SURVEYOR'S CERTIFICATE**

I hereby certify that the final plat shown hereon is correct, that it is a SUBDIVISION of ALL of the lands conveyed by PAUL W. MOE AND WIFE TO LARRY G. DRUMMOND AND KAY G. DRUMMOND, HIS WIFE, by deed dated NOVEMBER, 1978 and recorded in the Land Records of Howard County, Maryland in Liber 015 at Folio 232 and that all monuments are in place as shown in accordance with the Annotated Code of Maryland, as amended.

*William G. Hartel* 5-23-86  
 William G. Hartel, Professional Land Surveyor, MD. No. 9436 Date

RECORDED AS PLAT 7121 ON 3/27/87 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

**LOTS 1, 2 AND 3**  
**DRUMMOND SUB-DIVISION**  
 SIGNED FILE COPY

TAX MAP - 13  
 TAX MAP PARCEL NO. - 197  
 EX. ZONING - R  
 ELECTION DISTRICT - 4TH  
 HOWARD COUNTY, MARYLAND  
 SCALE - 1" = 1200'  
 DATE - APRIL, 1986  
 O. P. & Z. FILE NOs. - VP-85-148

**boender associates inc.**  
 consulting engineers  
 land surveyors  
 land planners

COURTHOUSE SQUARE  
 3565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043  
 (301) 465-7777

F-86-200