

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

October 28, 1985

Mr. James Sanborn
4967 Ten Oaks Road
Dayton, Maryland 21036

RE: Percolation Testing
Highland Estates
Tax Map 34, Parcel 378
Lots 1 & 2

Dear Mr. Sanborn:

Percolation testing conducted October 17 & 18, 1985 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, Director
Water and Sewerage Program

CW/SA:JR

RECEIVED & SIGNED
11/27/85 CW

W- 36292 -

Lot 2

12/2/85 -

Will Permit
needed.

SANDBORN PROPERTY
SUBDIVISION: (HIGHLAND ESTATES)

LOT NUMBER: 2

DRY WELL OR DRY WELL AND TRENCH

		_____ sq. ft./bedroom
	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.
 Bottom maximum depth _____ feet below original grade.
 Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

_____ 168 sq. ft./bedroom

Trench to be 2 wide.
 Inlet 4 feet below original grade.
 Bottom maximum depth 9 feet below original grade.
 Effective area begins at 4 feet below original grade.
5 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: PLACE THE DISTRIBUTION BOX 200' FROM THE
FRONT LOT LINE AND 125' FROM THE RIGHT LOT LINE AS SEEN
WHEN FACING THE PROPERTY FROM HIGHLAND RD. RUN TRENCH(S)
ALONG CANTON TOWARD EITHER SIDE LOT LINE.

12/2/85 CWJ/llh

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL
DRILLER:

My well driller is not to install the pump for my water well, and I
hereby certify that it will be my responsibility to have a Pump Permit
taken out by a registered master plumber or certified pump installer.
It will be my responsibility to notify the Health Department before
and during the installation so that inspections can be made by their
representative. (Pursuant to Chapter XVII, of the Plumbing Code of
Howard County.)

MICHAEL CRAIG
(Name)
5 AUBURN PROPERTY LOT 2 HIGHLAND RD
11844 CLARKSVILLE PIKE, MD 21029
(Address)

(OEP Well Permit Number)

(Date)

W E L L P U M P I N S P E C T I O N

Owner's Name: James Sanborn

Address:

LOCATION OF PROPERTY: Highland Estates - Lot 2
Highland Road

WELL TAG NUMBER:

PLUMBER OR CERTIFIED PUMP INSTALLER:

Phone Number:

License Number:

Receipt Number: 36292

Date: 12/02/85

Comments:

O.K. TO PROCEED

Inspection:

Date Well Pump Inspection Was Approved:

Inspector:

W E L L P U M P I N S P E C T I O N

Owner's Name: James Sanborn

Address:

LOCATION OF PROPERTY: Highland Estates - Lot 2
Highland Road

WELL TAG NUMBER:

PLUMBER OR CERTIFIED PUMP INSTALLER:

Phone Number:

License Number:

Receipt Number: 36292

Date: 12/02/85

Comments:

O.K. TO PROCEED

Inspection:

Date Well Pump Inspection Was Approved:

Inspector:

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 36056

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE 10/3/85

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 JAMES SANBORN

ADDRESS 4967 TEN OAKS RD PHONE 531-5444
DAYTON MD 21036

PROPERTY LOCATION: HIGHLAND ROAD 1/2 MILE NORTH OF RT 108 ON RIGHT SIDE

SUBDIVISION HIGHLAND ESTATES - TAX MAP 34 P-37E LOT NO. ONE (1) 2

ROAD AND DESCRIPTION HIGHLAND ROAD

SIZE OF LOT 10 ACRES TYPE BLDG. _____
(NUMBER OF BEDROOMS)

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 C. Williams FOR TRENCHES DATE 12/2/85

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

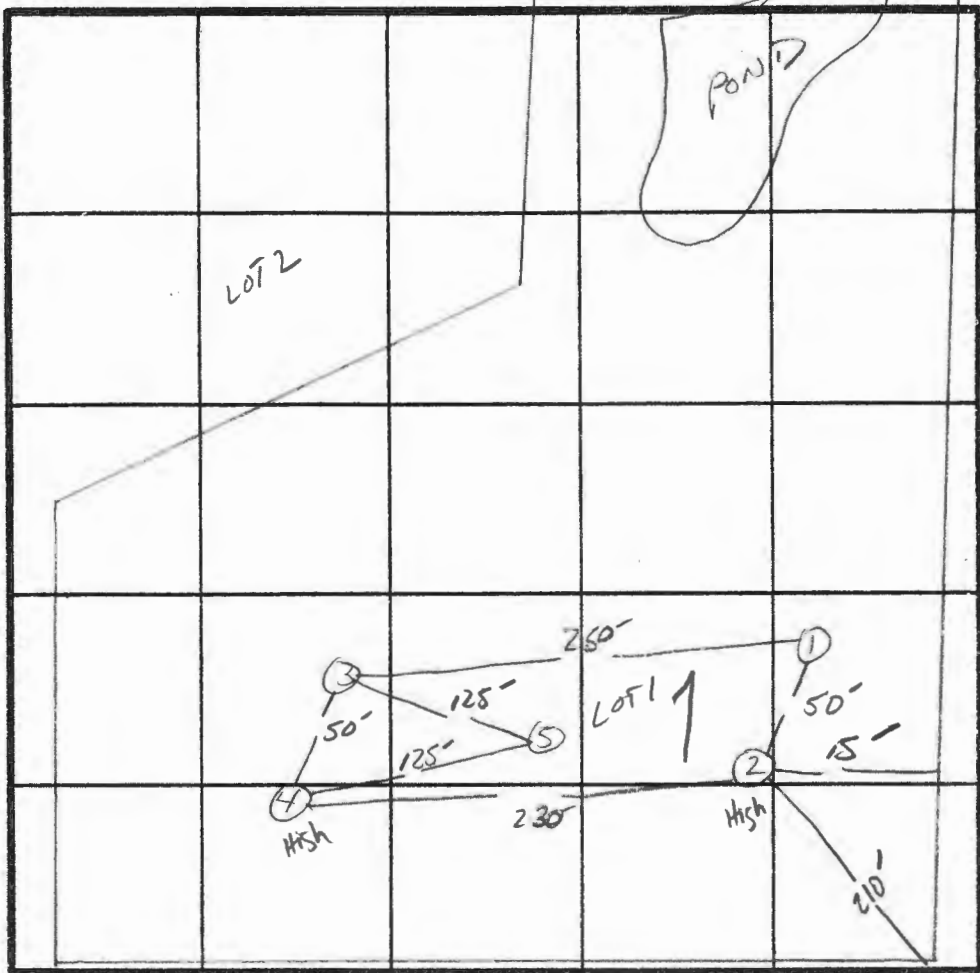
REASONS FOR REJECTION OR HOLDING 10-18-85 Perc Results Satisfactory; Hold For Certified hole location, house and well site

THIS IS NOT A PERMIT

① ② ③
SOIL PROFILE

0"
9"
3'
12'

AP
Yellow Br.
SANDY CLAY
LOAM <10%
SAPROLITE
Yellow Br.
SAND LOAM
<10%
SAPROLITE-
slightly
micaceous



7 Perc Time
10 min
INLET 4
BOTTOM MAX depth
9'

168 #/BR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Highland Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/18/85	1	4"	11:54	11:55	11:55	11:57	2min	
	2	12"	UNIFORM SOIL STRUCTURE Below 3"					DRY
	3	5"	12:09	12:19	12:19	12:35	16min	
	4	4"	12:36	12:44	12:44	1:00	16min	
	5	13"	UNIFORM SOIL STRUCTURE Below 3"					DRY

③
AP
Yellow Red
SANDY CLAY
LOAM <10%
SAPROLITE
Yellow Br.
SAND LOAM
slightly
micaceous
<10%
SAPROLITE

④
AP
Yellow Red
SAND CLAY
LOAM <10%
SAPROLITE
Yellow Br.
SAND LOAM
slightly
micaceous
<10%
SAPROLITE

EH-12-107B

REMARKS Perc Holes Different Than PLAT

TYPE OF SOIL Glenelg - SAND LOAM

TESTED BY S. Aul ALSO PRESENT O-KETTERMAN, CAMY, cdeon

APPROVED: FOR PRIVATE WATER & PRIVATE SEPTIC
SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

James M. Boyd M.D. F.S.
COUNTY HEALTH OFFICER

11-27-85
DATE

FIELD-LOCATED PERC TEST PLAT

LOTS 1 & 2 HIGHLAND ESTATES

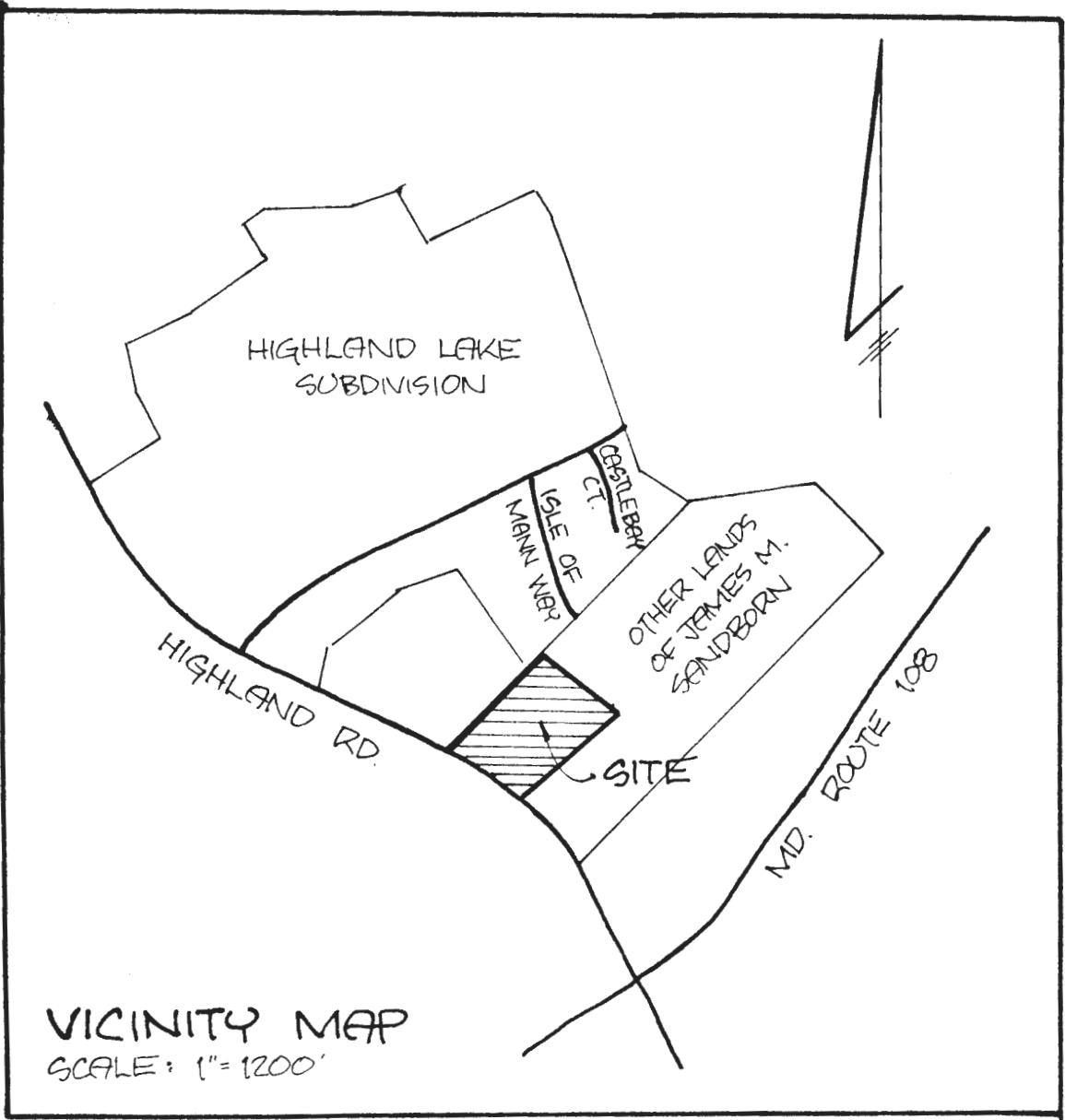
5TH ELECTION DISTRICT HOWARD COUNTY, MD.

TAX MAP 34, PART OF PARCEL 378

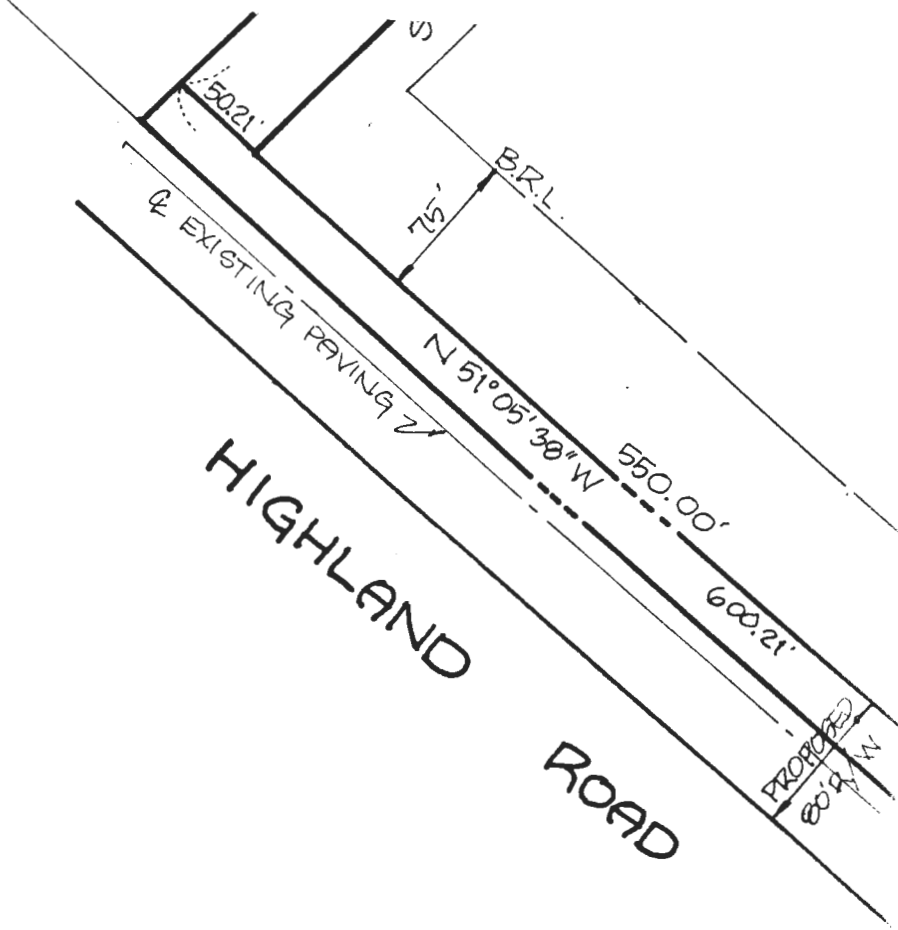
SCALE: 1"=100' OCTOBER 30, 1985

OWNER & DEVELOPER

JAMES M. SANBORN
4967 TEN OAKS RD.
DAYTON, MD. 21036



VICINITY MAP
SCALE: 1" = 1200'



G. Scott Shanaberger 10/30/1985
SHANABERGER & LANE
 8450 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MD. 21043
 (301) 461-9563

