

APPLICATION

PERCOLATION TESTING

A 58073C

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 4/8/97

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.

DEVELOPER HP ASSOCIATES 90 REESE & CARNEY
~~PROPERTY OWNER~~

ADDRESS #10715 CHARTER DR, COL. PHONE (301) 854-0936

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HP HILL LOT NO. 3

ROAD AND DESCRIPTION ROUTE 108 @ MONTGOMERY CO. LINE

TAX MAP 40 PARCEL # 42

SIZE OF LOT 3.00 AC. + 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. HP associates
(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

A58073C
COUNTY #

SOIL PROFILE

0' (1)
orange/red
sandy
cl loam
4.5'
br/or
silty
sandy lm
15%
shale
fragments
12.5'

(2)

orange
clay/sandy
loam

3.0' tan/orange
silty
sandy
loam

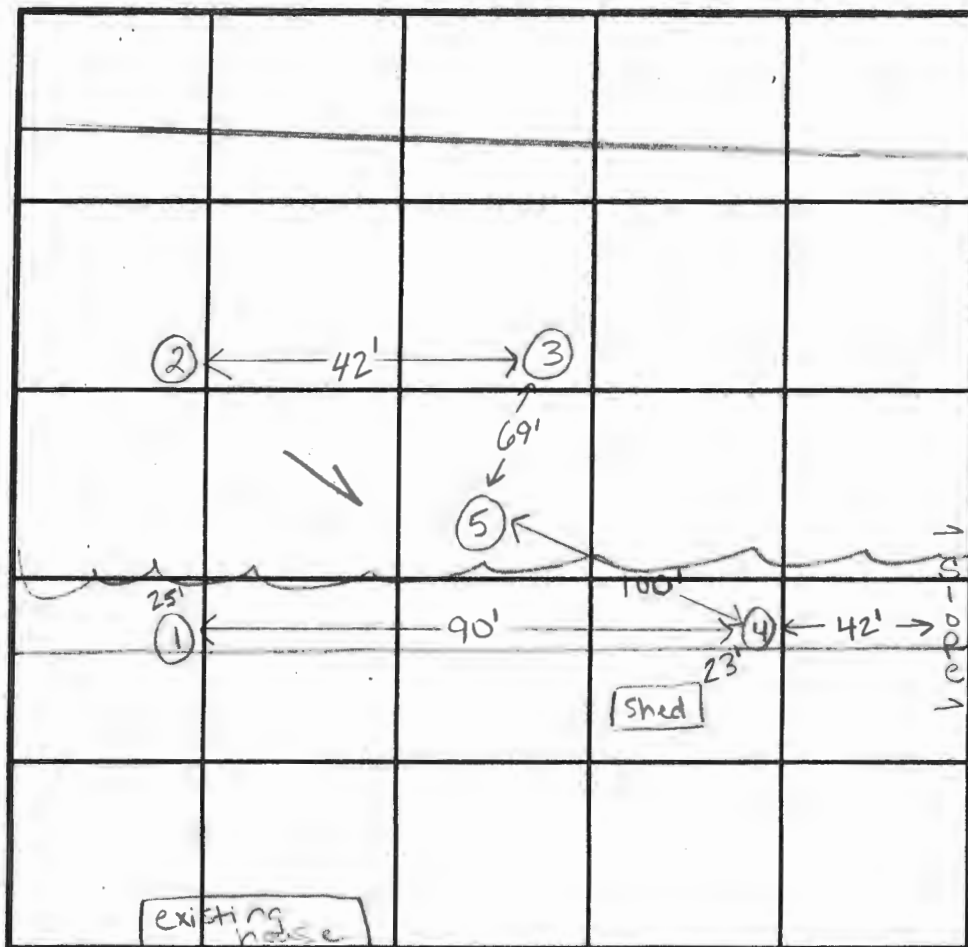
12.5' 10%
shale
fragments

(4)

or/red
brown
sandy
clay
loam

3.0' tan/br
silty/sand
loam

12.5' 15%
rock
fragments



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' (5)
brown
orange
clay
loam
5.0'
white
orange
silty
loam
14.0'

Route
108

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-21-97	1	4.5'S	11:38	11:41	11:41	11:45	4min
		8.0'D	11:37	11:38	11:38	11:40	2min
		12.5'D	visual ok - see profile				
	2	12.5'D	visual ok - see profile				
		3	5.5'S	11:49	11:50	11:50	11:51
		12.0'D	visual	ok	see profile for #2		
	(repair)		11:51:30	11:52:30	11:52:30	11:54:30	2min
		4	5.5'S	12:08	12:09	12:09	12:11
		12.5'D	visual ok - see profile				
	5	14'D	same as hole #1 visual ok				

REMARKS test holes not staked

TYPE OF SOIL

TESTED BY Kim Mäste/Kim Soe

ALSO PRESENT Olen Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2-3 min

TRENCH WIDTH 3

INLET DEPTH 3.0

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 _____

DATE 4/7/97

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.

DEVELOPER HP ASSOCIATES 90 REESE & CARNEY
PROPERTY OWNER _____

ADDRESS #10715 CHARTER DR, COL. PHONE (301) 854-0936

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HP HILL LOT NO. 2

ROAD AND DESCRIPTION ROUTE 108 @ MONTGOMERY CO. LINE

TAX MAP 40 PARCEL # 42

SIZE OF LOT 3.03 AC. ± 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

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COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Chris HP Associates
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

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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

A58073B

COUNTY #

SOIL PROFILE

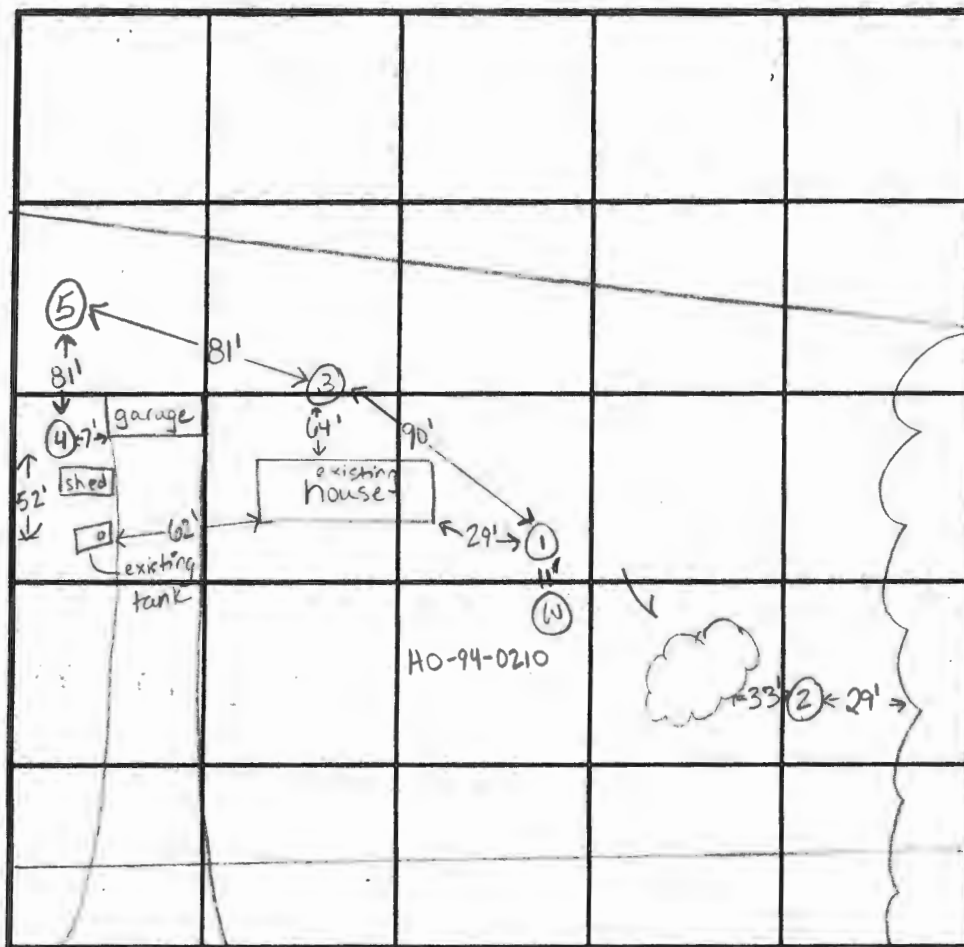
0' ①
6.0" topsoil
red/orange
clay loam
2.5'
tan/brown
silty/sand
loam
10%
shale
fragments
12.0'

②

6.0" topsoil
red/orange
clay sandy
loam
4.0'
tan/brown
silty/sand
loam
10%
shale
fragments
11.5'

③

see
soil
profile
for
test
hole
#1



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Wainwright Road

SOIL PROFILE

0' ④
6.0" topsoil
or/brown
clay
sandy
loam
5.5'
tan/br
silty
sand
loam
10%
shale
fragments
13.0'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-21-97	1	visual ok					
		12.0'D - visual	see profile				
	2	5.0'S	12:17:30	12:20	12:20	12:22:30	230min
		11.5'D	visual - see profile				
	3	visual ok					
		13.0'D - visual	see profile for hole #1				
	4	5.5'S	12:28	12:39:30	12:39	1:05	20min
		13.0'D	visual - see profile				
	5	visual ok					
		12.0'D	visual - see profile for hole #4				

REMARKS test holes not staked

TYPE OF SOIL

TESTED BY Kim Maister / Kim Soe

ALSO PRESENT Glen Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 14 minutes TRENCH WIDTH 3

INLET DEPTH 3.0 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT./BEDROOM 210

4/21/97
10:00

APPLICATION

PERCOLATION TESTING

A 58073A

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HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 4/7/97

4/7/97
Preview O.K.
ALM

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.

DEVELOPER HP ASSOCIATES 90 REESE & CARNEY
PROPERTY OWNER

ADDRESS #10715 CHARTER DR, COL. 21044 PHONE (301) 854-0936

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HP HILL LOT NO. 1

ROAD AND DESCRIPTION ROUTE 108 @ MONTGOMERY CO. LINE

TAX MAP 40 PARCEL # 42

SIZE OF LOT 4.00 AC.± 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

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

THIS IS NOT A PERMIT

A58073A

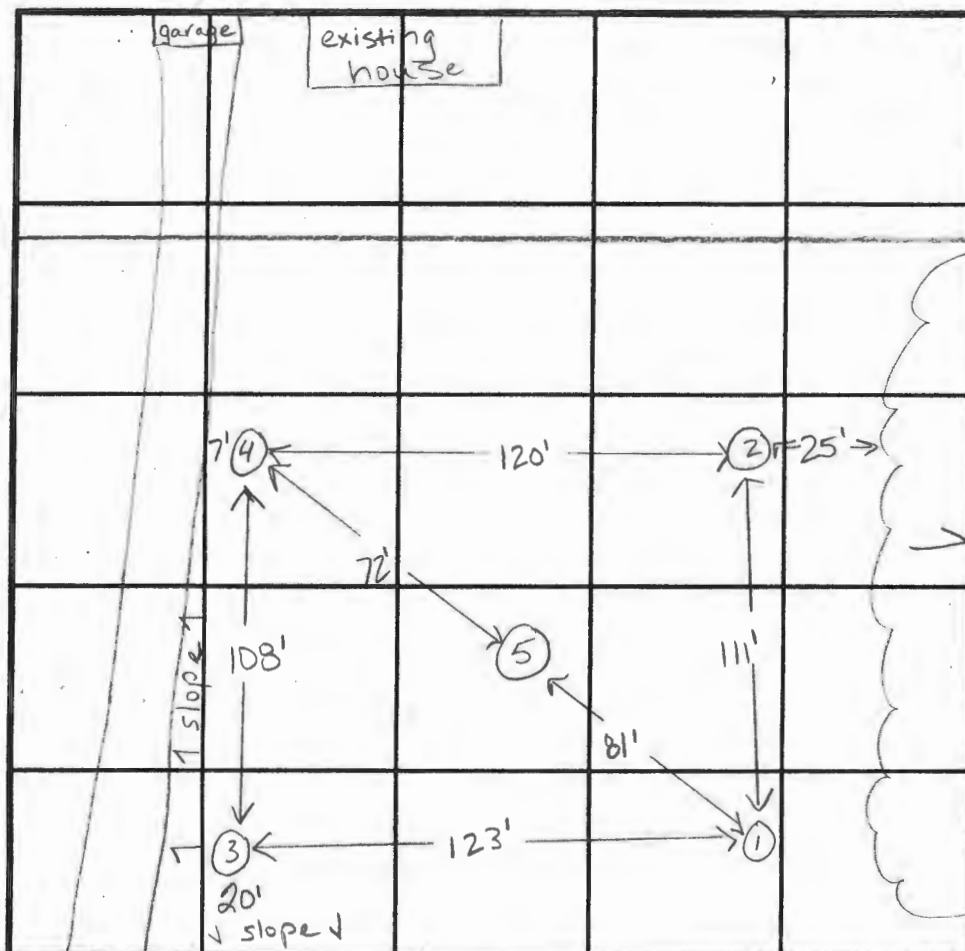
COUNTY #

SOIL PROFILE

0'	①	topsoil
6.0"		brown/or sandy clay loam
2.5'		tan sandy/silty loam
10.0'		10% shale fragments

6.0"	③	topsoil
4.5'		orange/red clay loam
2.0'		tan silty sandy loam
		15% rock fragments

6.0"	④	topsoil
3.0'		orange/brown/red clay loam
		tan/orange silty sandy loam
		15% rock fragments



SOIL PROFILE

0'	⑤	topsoil
6.0"		or/brown sandy clay loam
2.5'		Silty sandy loam
11.5'		br/tan 10% shale frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Wainwright Road

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
4-21-97	1	3.0'S	10:19	10:20	10:20	10:21	fast repour
		10.0'D	Visual see profile				
		(repour)	10:21	10:22	10:22	10:24	2min
	2	12.0'D	Visual only-see profile for hole #1				
	3	4.0'S	10:27	10:30	10:30	10:33	3min
		12.0'D	Visual ok-see profile				
	4	4.5'S	10:46	10:53	10:53	11:04	11min
		8.0'D	10:40	10:42	10:42	10:44	2min
		12.5'D	Visual ok-see profile				
	5	11.5'D	Visual ok-see profile				

REMARKS test holes not staked

TYPE OF SOIL

TESTED BY Kim Maister/Kim Soe

ALSO PRESENT Olen Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4-5 min

TRENCH WIDTH 3

INLET DEPTH 3.0

MAXIMUM BOTTOM DEPTH 5.0

SQ. FT./BEDROOM 180



HOWARD COUNTY HEALTH DEPARTMENT

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

October 24, 1997

Shanaberger & Lane
8726 Town and Country Boulevard
Suite 104
Ellicott City, Maryland 21043

RE: Percolation Test Plat
HP Hill - Lots 1 through 3
Route 108
Tax Map: 40 Parcel: 42

Dear Mr. Shanaberger:

Review of the two alternate septic easement layout plans for the above referenced property that were submitted on September 24th and October 10th lead us to conclude that the only workable subdivision plan is the one submitted on September 8, 1997.

The problem common to both alternative plans is that all the area to the west of the driveway is questionable due to natural drainage features and manmade disturbances. Insufficient separation from the swale is proposed and there is evidence of remnant foundations within the proposed septic area.

This is to suggest the alternative plans be withdrawn and the September 8th plan be submitted for signature and approval.

Please do not hesitate to contact me if you have any questions or concerns at the address below, or by calling (410) 313-2640.

Very Truly Yours,

Kimberly Maiste
Kimberly Maiste, Sanitarian
Water and Sewerage Program

:km

cc: Ms. Charen Rubin
file



HOWARD COUNTY HEALTH DEPARTMENT

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

April 8, 1997

HP Associates
c/o Reese & Carney
10715 Charter Drive
Columbia, Maryland 21044

RE: Percolation Test Date
Application Number - A58073
Purpose: Subdivision
HP Hill - Lots 1 thru 3
Rt. 108
Tax Map: 40 Parcel: 42

Dear Sirs:

A percolation test date has been reserved for 10:00 a.m., Monday, April 21, 1997, for the above referenced lots.

You will be responsible for having a contractor on-site to excavate test holes at the corners of proposed percolation area.

In the event of uncertain weather (i.e. precipitation or extremes of temperature), please contact this office prior to 9:00 a.m. to determine whether percolation testing can be performed on the above reserved date. If it is not feasible to perform the test, a new test date will be assigned.

Copies of the percolation test results can be expected within approximately 2 to 3 weeks.

Please call this office between 8:00 a.m. and 5:00 p.m., Monday through Friday, to confirm your acceptance of this percolation test date.

Thank you for your cooperation in this matter.

Very truly yours,

Amy Mc Millen

Amy Mc Millen, R.S.
Water & Sewerage Program

AM:am
cc:File

Shanaberger & Lane 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



HOWARD COUNTY HEALTH DEPARTMENT

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

May 6, 1997

HP Associates
c/o Reese & Carney
10715 Charter Drive
Columbia, Maryland 21044

RE: PERCOLATION TEST RESULTS
APPLICATION # 58073
PROPOSED USE: SUBDIVISION
PROPERTY ID: HP HILL - LOTS 1 THROUGH 3
ROUTE 108
TAX MAP: 40 PARCEL: 42

Dear Sirs:

Percolation testing conducted on April 21, 1997, on the above referenced property indicated satisfactory soil conditions; however, existing site conditions may limit the location of proposed septic easements.

Copies of the percolation test results are enclosed.

Further review is contingent upon submission by a registered engineer of a percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site for each. The plat should also include the location of all existing wells and septic systems on the property as well as the location of any other relevant features such as streams, swales, or existing structures. A note must be included certifying that all wells and septic systems within 100' of property boundaries have been shown.

In the percolation certification plat, the septic easement to serve the existing house should be clearly designated.

This plat 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 address below or by calling (410) 313-2640.

Very truly yours,

Kimberly Maiste
Kimberly Maiste, Sanitarian
Water and Sewerage Program

:km

Enclosures

cc: Ms. Charen Rubin
Shanaberger & Lane
file

JECT PROPERTY IS ZONED RC-DEO.

LOTS SHOWN HEREON COMPLY WITH THE MINIMUM
 OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE
 STATE DEPT. OF HEALTH & MENTAL HYGIENE. THE

LOTS SHOWN HEREON COMPLY WITH THE MINIMUM
 OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE
 STATE DEPT. OF HEALTH & MENTAL HYGIENE. THE ENVIRONMENT

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT 10,000 S.F. AS REQUIRED BY THE MD. STATE DEPT. OF LTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & 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. NO REVISION OF A MODIFIED PLAT SHALL NOT BE NECESSARY.

ALBRECHT
L3494/F274

L. DESIGNATES BUILDING RESTRICTION LINE.

DESIGNATES PROPOSED WELL LOCATION.

☐ DESIGNATES PROPOSED HOUSE LOCATION.

DESIGNATES APPROVED PERC TEST LOCATION.

DESIGNATES SLOPES > 25%

RE ARE NO VISIBLE WELLS OR SEPTICS
WITHIN 100' OF THE PROPERTY LINES.

PALMER
L3563 / F44

WASTEWATER SEWER SERVICE IS NOT PROVIDED FOR LOT 1. A PUMPED
OUTLET IS REQUIRED.

ITY JEWEL SERVICE TO BASEMENT OF EXISTING HOUSE MAY NOT
AVAILABLE FOR FUTURE REPLACEMENT SYSTEM.

TING SHED WITHIN REPLACEMENT AREA LOT 2 IS TO BE RAZED OR MOVED.

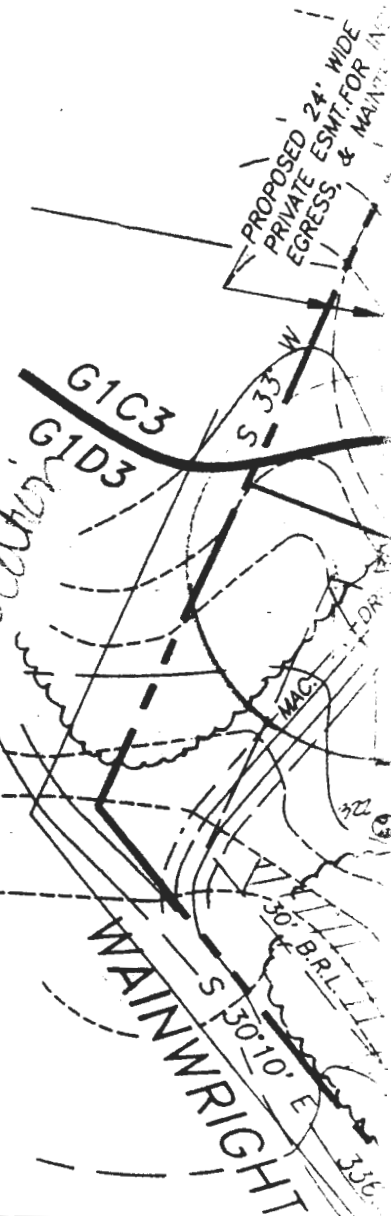
STING SEPTIC SYSTEM FOR LOT 2 IS TO REMAIN. WHEN
TEM FAILS, REPLACEMENT SYSTEM FOR LOT 2 MUST BE
ALLED WITHIN PRIVATE SEWAGE ESMT. FOR LOT 2. AT
T TIME, EX. WELL ON LOT 2 MUST BE ABANDONED & NEW
WELL DRILLED.

PRIOR TO
RECORD PLAT

D : FOR PRIVATE
WATER & PRIVATE
AGE SYSTEMS. HOWARD
TY HEALTH DEPARTMENT.

MOVED.

1000
LATER



Howard County Health Department

To: _____

→ Problem with Notes #11

→ Lot #2 septic easement not
connecting any perc holes

→ Lot #1 well sites downhill from
existing septic + in swale

-perc area not connecting many holes

From: _____

Date: _____

HD-170

H.P. HILL

COMMENTS MADE BY KIMBERLY MAISTE ON AUGUST 15, 1997

LOT 1

- well location subject to field review and drilling before final record plat
- or change proposed easement

LOT 2

- existing well must be abandoned and new well drilled, and existing septic must be abandoned and new septic installed prior to final plat recordation
- move proposed sewage easement as seen on drawing

[illegible]

Howard County Health Department

To: Kimber 5

I met w/ Ron @ S&L
5/29/97 8:30 a.m. I gave
him all copies of Pere Cert
and copy of septic permit
for existing house. He
will revise plan and
return to you (us?).

From: Kevin

Date: 5/29

HD-170