

# APPLICATION

10/19/98  
10/20/98  
10/00

PERCOLATION TESTING

A 51063

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 PATRICIA L. BOYER

ADDRESS P.O. BOX 322  
BROOKVILLE, MD. 20833 PHONE (410) 989-9727

AGENT OR PROSPECTIVE BUYER W. KEITH BOYER

ADDRESS 8720 CHURCH LANE  
RANDALLSTOWN, MD. 21133 PHONE (410) 868-8010

PROPERTY LOCATION:

SUBDIVISION PATRICIA L. BOYER PROPERTY LOT NO. #1

ROAD AND DESCRIPTION WEST SIDE HOBBS RD. 1000' NORTH OF  
BURNT WOODS ROAD

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT 3.7 ACRES ± TYPE BLDG. PROPOSED  
SINGLE FAMILY DWLG.  
(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

COUNTY #

SOIL PROFILE

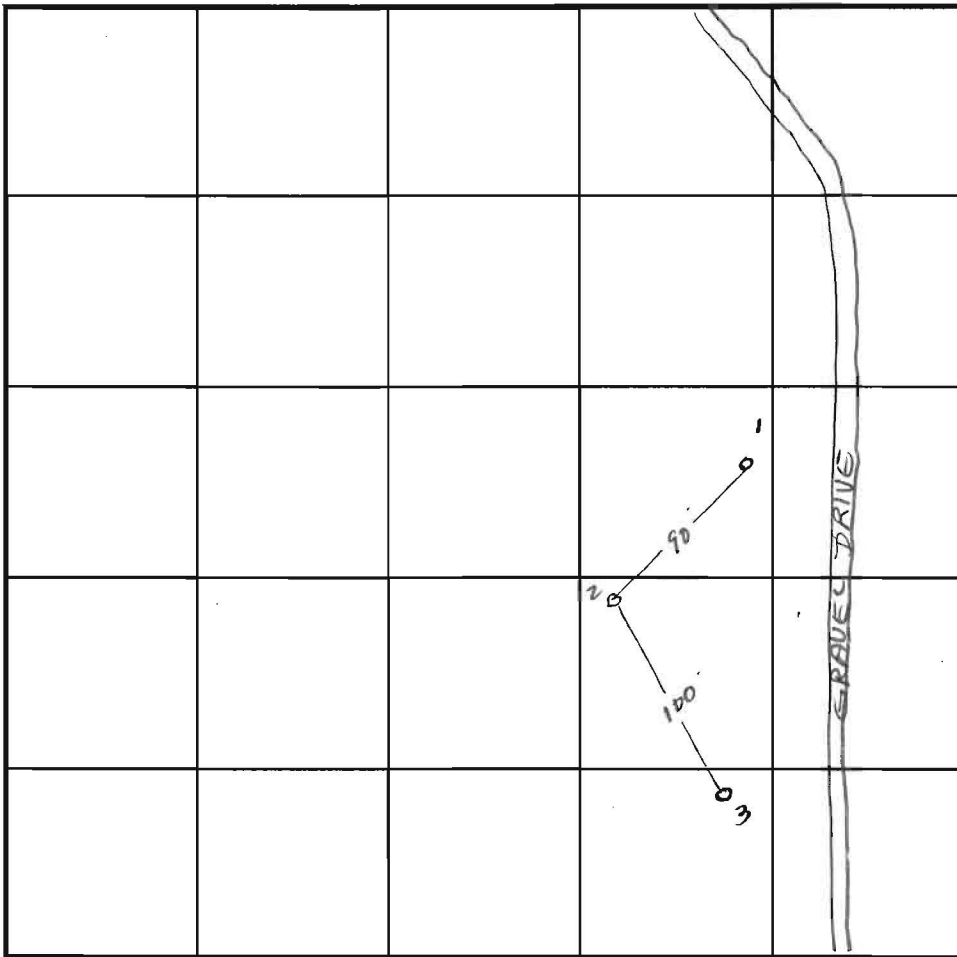
0' TYPICAL

profile from 2-3' below indicates high H<sub>2</sub>O dark black brn to green silty



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	
11-19-98	1	Water	observed @		8.0'	—	F
	2	Water	observed @		7.0'	—	F
	3	Water	observed @		6.0'	—	F

REMARKS No rain in previous 3 months - very dry

TYPE OF SOIL

TESTED BY Amy McMillen ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 PATRICIA L BOYER. (RES. 3024 HOBBS RD.)

ADDRESS P.O. Box 522 BROOKVILLE MD 20833 PHONE (410) - 489 - 972

AGENT OR PROSPECTIVE BUYER W. KEITH BOYER.

ADDRESS 8720 CHURCH ROAD. RANDALLSTOWN 21133 PHONE (410) 868-8010

PROPERTY LOCATION:

SUBDIVISION PATRICIA L. BOYER PROPERTY LOT NO. 6

ROAD AND DESCRIPTION WEST SIDE HOBBS ROAD. 1000' NORTH OF BURNT WOODS ROAD.

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT 3.2 A ± TYPE BLDG. SINGLE FAMILY DWLG.  
(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

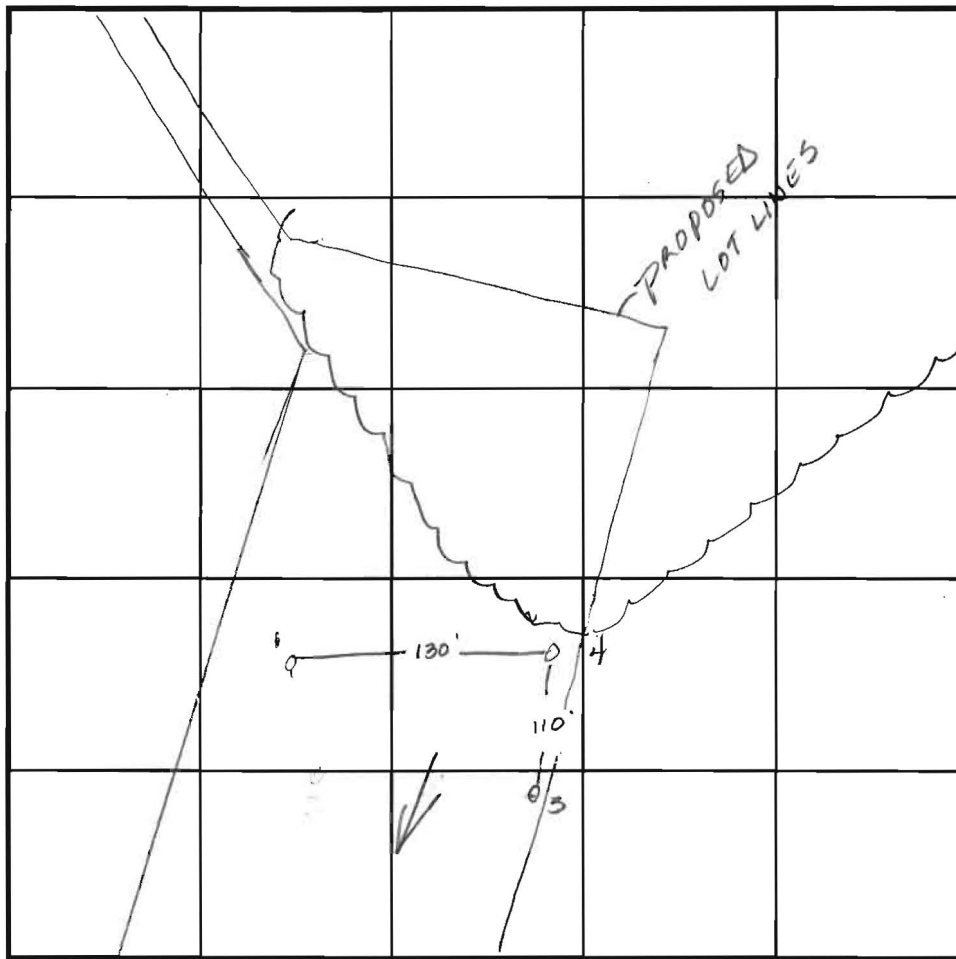
COUNTY #

SOIL PROFILE

TYPICAL

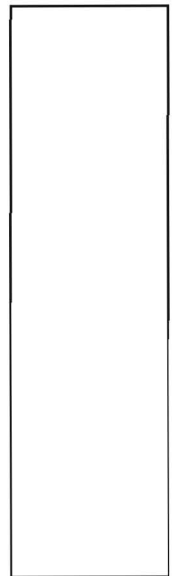
2-3'  
of  
orange  
& grey  
mottled  
clay  
dark  
black  
brown  
SiLm  
mottled  
entire  
profile  
appears to  
indicate  
high H<sub>2</sub>O  
to 2-3'

below  
the  
surface



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-19-98	1	Water	observed @	9.0'	—	F	
	4	Water	observed @	10.5	—	F	
	3	Water	observed @	7.0	—	F	

REMARKS see profile for explanation on Failing status - very dry  
 TYPE OF SOIL \_\_\_\_\_ time of year - little to no  
 TESTED BY Amy McMillen ALSO PRESENT rain in past 3  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_ months  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

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PERCOLATION TESTING

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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 \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER PATRICIA L. BOYER

ADDRESS P.O. BOX 322  
BROOKVILLE, MD. 20833 PHONE (410) 489-9727

AGENT OR PROSPECTIVE BUYER W. MEITH BOYER

ADDRESS 8720 CHURCH LANE  
RANDALLSTOWN 21133 PHONE (410) 868-8010

PROPERTY LOCATION:

SUBDIVISION PATRICIA L. BOYER PROPERTY LOT NO. # 3

ROAD AND DESCRIPTION WEST SIDE HOBBS RD 1000' NORTH OF  
BURNT WOODS ROAD.

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT 3.0 AC. ± TYPE BLDG. EXISTING  
SINGLE FAMILY DWLG.  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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

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

# THIS IS NOT A PERMIT

COUNTY # \_\_\_\_\_

SOIL PROFILE

0'


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 \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT/BEDROOM \_\_\_\_\_

# APPLICATION

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A 51063

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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 \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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ADDRESS P.O. BOX 322  
BROOKVILLE, MD. 20833 PHONE (410) 489-9727

AGENT OR PROSPECTIVE BUYER W. KEITH BOYER

ADDRESS 8720 CHURCH RD.  
RANDALFSTOWN 21133 PHONE (410) 868-8010

PROPERTY LOCATION:

SUBDIVISION PATRICIA L. BOYER PROPERTY LOT NO. ~~546~~ 546 March 2010

ROAD AND DESCRIPTION HOBBS RD. (WEST SIDE)  
1000' E NORTH OF BURNT WOODS RD.

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT 3.2 AC. ± TYPE BLDG. SINGLE FAMILY DWLG.  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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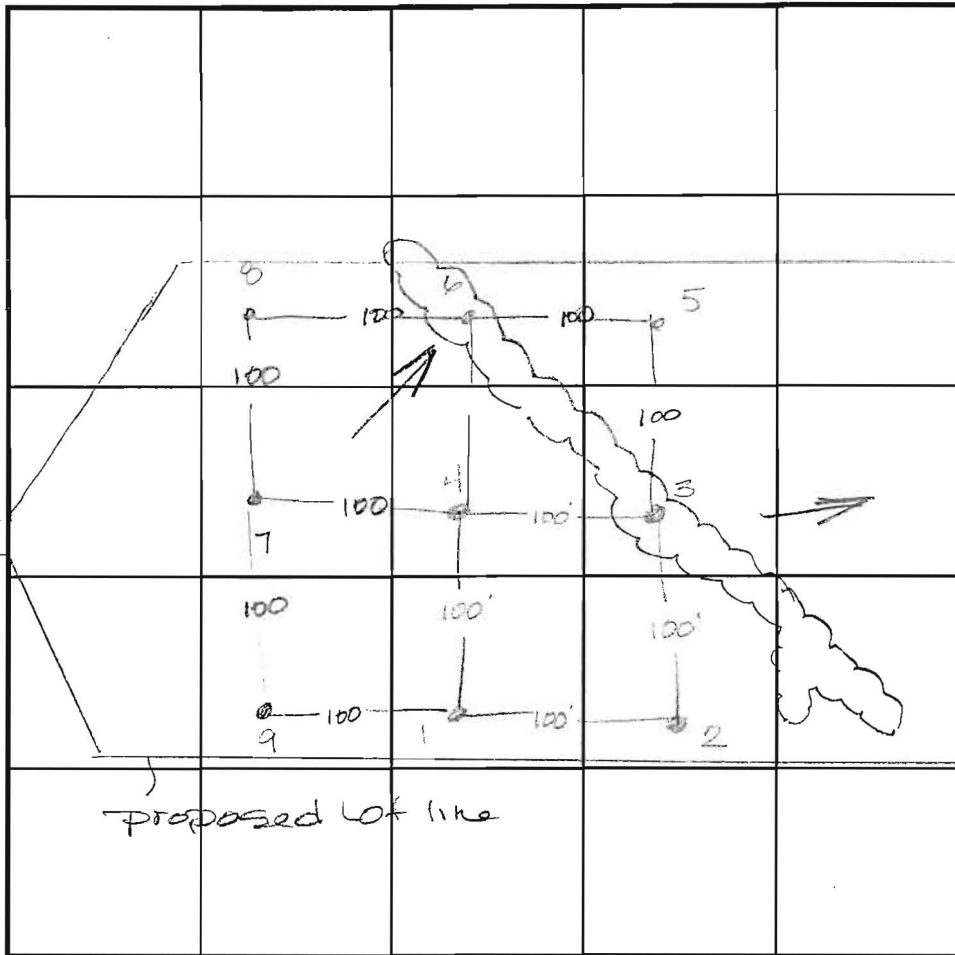
COUNTY #

SOIL PROFILE

0' or brown siltm  
 20' brn siltm  
 10.0' dull mottled siltm dry  
 12.0'

SOIL PROFILE

0' bright or sil  
 ↓  
 some mottles  
 12.0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

3 4

no distinct clay layer  
 siltm  
 gray mottles  
 @ unknown depth  
 no color change

5

orange brown siltm  
 dull brn siltm  
 deposits of Mg  
 on face  
 no clay  
 non flk  
 silic  
 mottled

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
11-19-98	1	2.0 / V12.0	12:46	12:43	12:43	12:52	9min
	2	2.0 / V12.0	12:50	12:52	12:52	12:55	3min
	3	3.0 / V2.0	1:00	1:04	1:04	1:07	3min
	4	Visual	Hold for wet season				—
	5	Visual	Hold for wet season				—
	6	3.5 / V1.0	1:15	1:30	1:30	1:50	20min
	7	3.5 / V1.0	1:45	1:50	1:50	2:00	10min
	8	Visual	-hold for wet season				—
	9	Visual	-hold for wet season				—

REMARKS \_\_\_\_\_

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

TESTED BY Amy McMullen ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

110

# APPLICATION

PERCOLATION TESTING

A 51063

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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PROPERTY OWNER PATRICIA L. BOYER

ADDRESS P.O. BOX 322  
BROOKVILLE, MD. 20833 PHONE (410) 989-9727

AGENT OR PROSPECTIVE BUYER W. KEITH BOYER

ADDRESS 8720 CHURCH RD.  
RANDALLSTOWN 21133 PHONE (410) 868-8010

PROPERTY LOCATION:

SUBDIVISION PATRICIA L. BOYER PROPERTY LOT NO. 5

ROAD AND DESCRIPTION HOBBS RD. (WEST SIDE)  
1000' ± NORTH OF BURNT WOODS RD.

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT 3.2 A.C. ± TYPE BLDG. SINGLE FAMILY DWG.  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(SIGNATURE OF APPLICANT)

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DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

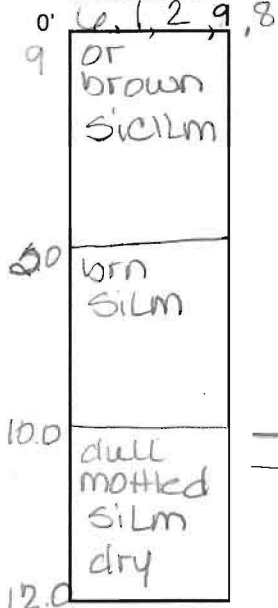
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

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

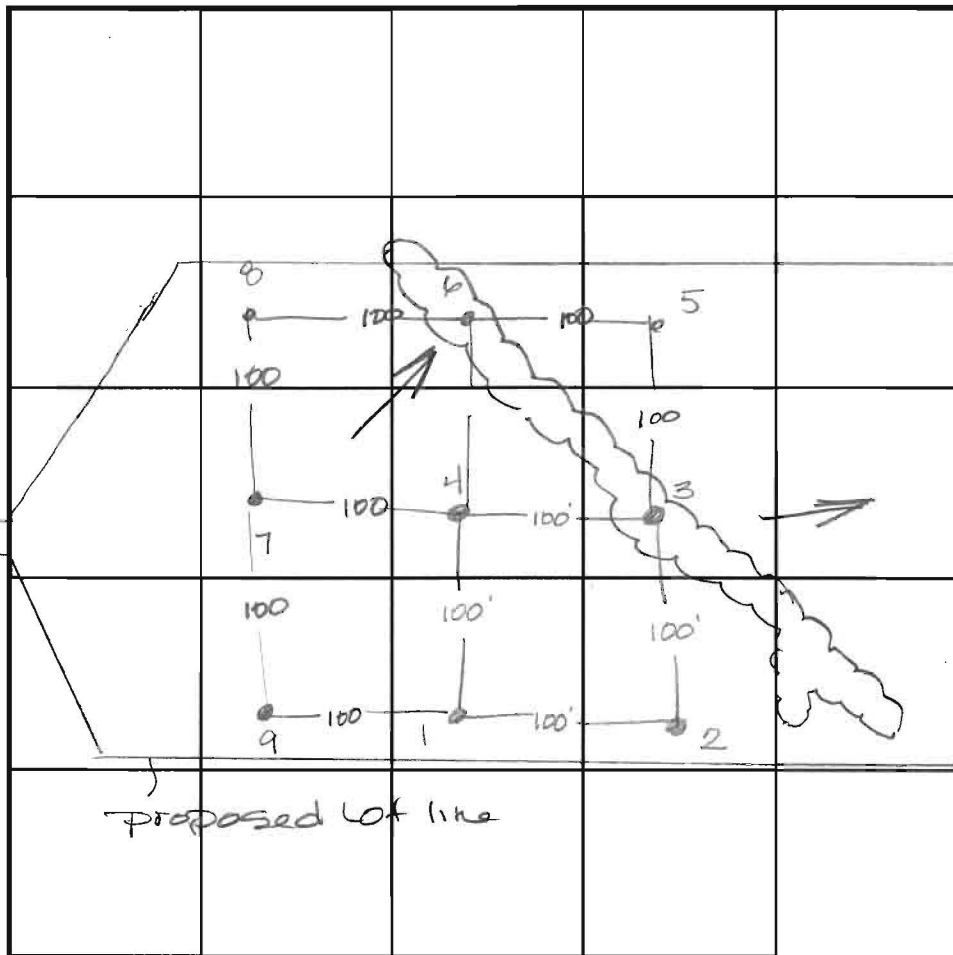
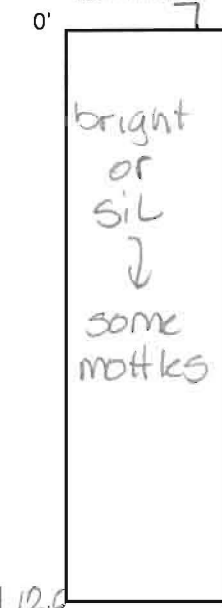
# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

3 4  
no distinct clay layer orange brn SiCLm grey mottles @ unknown depth no color change

5  
orange brown SiCLm  
2.0  
dull brn SiCLm deposits of Mg on peds no clear high H2O table line mottled  
11.0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-19-98	1	2.0 V12.0	12:46	12:43	12:43	12:52	9min
	2	2.0 V12.0	12:50	12:52	12:52	12:55	3min
	3	3.0 V12.0	1:00	1:04	1:04	1:07	3min
	4	Visual	Hold for wet season				—
	5	Visual	Hold for wet season				—
	6	3.5 V11.0	1:15	1:30	1:30	1:50	20min
	7	3.5 V11.0	1:45	1:50	1:50	2:00	10min
	8	Visual	hold for wet season				—
	9	Visual	hold for wet season				—

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY Amy McMullen ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



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HOWARD COUNTY HEALTH DEPARTMENT

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

October 9, 1998

Patricia Boyer  
P.O. Box 322  
Brookeville, Md. 20833

Subject: Percolation test application - Receipt A510683  
Proposed subdivision - Patricia Boyer Property  
Hobbs Rd. and Glenwood Springs Drive

Dear Ms. Boyer,

Upon review of the above referenced percolation test application, this office expressed concerns to your engineer, Charles Crocken, that several of the proposed septic areas were proposed for locations that would likely require evaluation in the spring wetseason prior to a final determination. It was his recommendation that testing proceed at this time since several other lots did show potential for completion in non-wetseason conditions.

Percolation test dates of October 19 and 20, 1998 were assigned to the project, but have since been cancelled per your excavating contractor, Jeff Allen. By this communication, replacement test dates of November 19 and 20, 1998, have been re-assigned to this project.

Please have the proposed well sites and corners of the proposed septic areas staked and marked prior to the scheduled test date. Test holes should be excavated on approximately 1/2 the lots immediately prior to our scheduled arrival between 10:00 and 10:30 a.m. on the 19th.

Please call this office to confirm your understanding of these arrangements and acceptance of assigned test dates.

Yours truly,

*Ron Pinkley*  
Ron Pinkley, R.S.

cc: Charles Crocken  
Jeff Allen



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## HOWARD COUNTY HEALTH DEPARTMENT

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

November 25, 1998

Patricia L. Boyer  
P.O. Box 322  
Brookville, Maryland 20833

RE: Percolation test results  
Application Number: 51063  
Purpose: Subdivision  
Property ID: Boyer Property  
Lots 1 thru 6  
Hobbs Road

Dear Ms. Boyer,

Percolation testing conducted Thursday, November 19, 1998, on the above referenced property. The following is a summary of the test findings:

- Lot 1 - failed the percolation test due to seasonal high water table conditions.
- Lots 2 thru 4 - passed the percolation test without the need for spring wet season testing.
- Lot 5 & 6 - would require spring wet season testing for any determination on passed/failed status.

Copies of the percolation test results are enclosed.

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

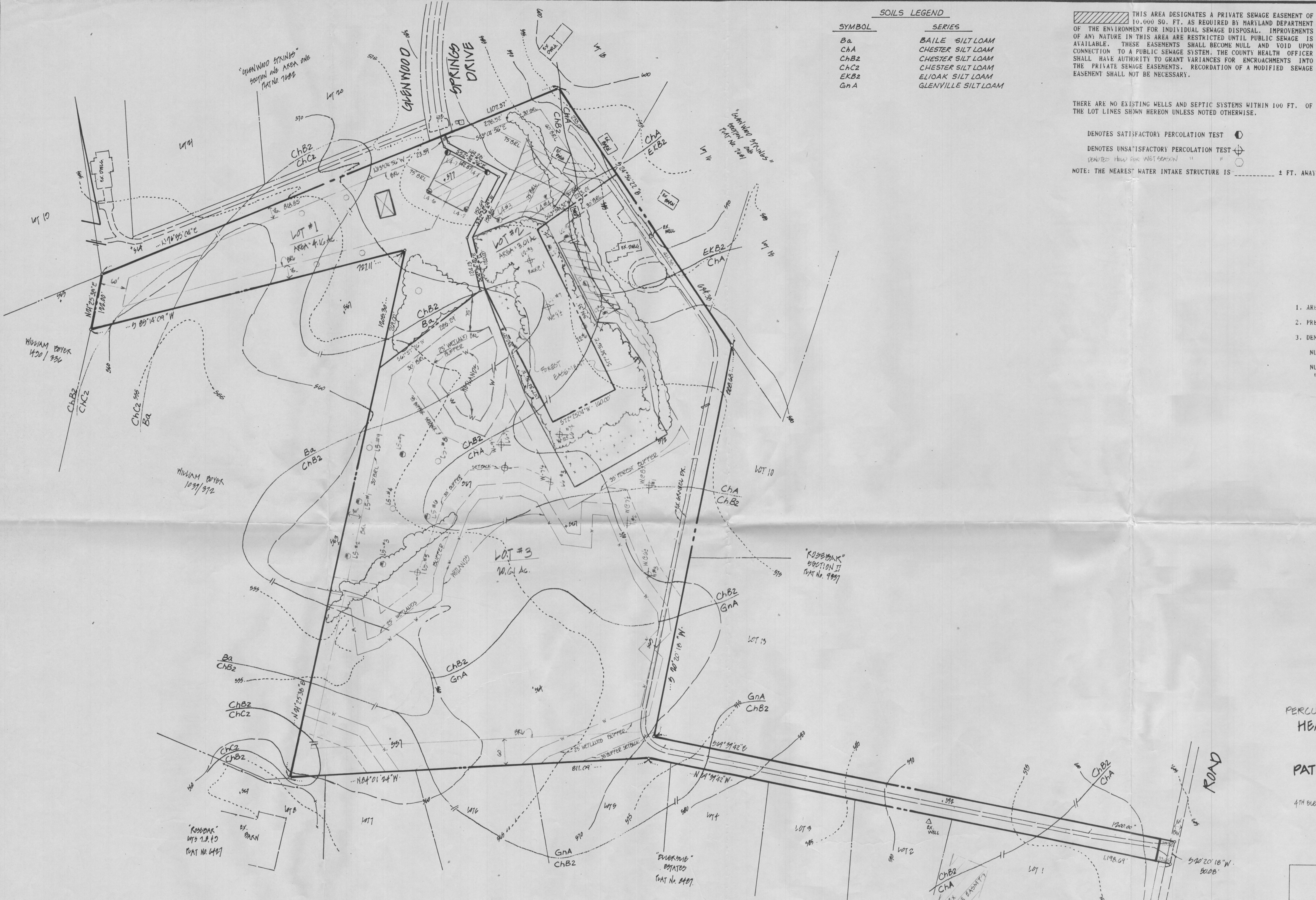
- actual locations & elevations of all excavated test holes
- suitable house and well site
- locations of existing wells and septic systems within 100 feet of property boundaries
- streams/swales/springs and any other relevant landscape features
- contour lines

If you have any questions regarding this matter, you may contact me at the address below or by calling (410) 313-2640.

Very truly yours,

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

AM:am  
cc: Charles R. Crocken & Assoc., Inc.  
File



**SOILS LEGEND**

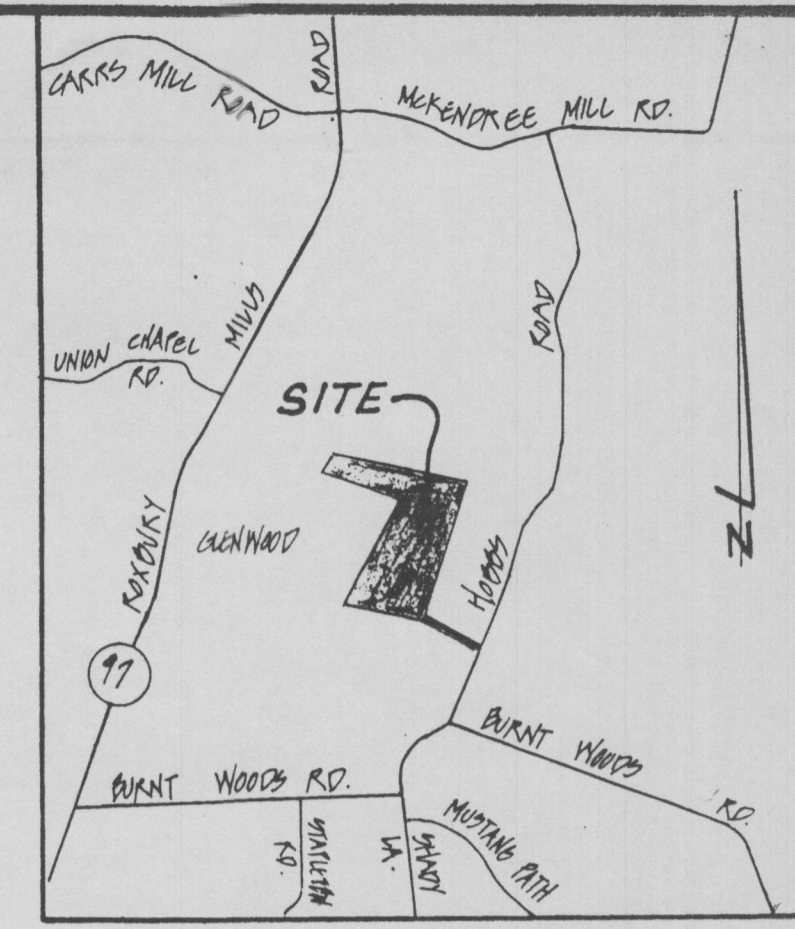
SYMBOL	SERIES
Ba	BAILE SILT LOAM
ChA	CHESTER SILT LOAM
ChB2	CHESTER SILT LOAM
ChC2	CHESTER SILT LOAM
EKB2	ELK OAK SILT LOAM
GNA	GLENVILLE SILT LOAM

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQ. FT. AS REQUIRED BY MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENTS. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

THERE ARE NO EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100 FT. OF THE LOT LINES SHOWN HEREON UNLESS NOTED OTHERWISE.

○ DENOTES SATISFACTORY PERCOLATION TEST  
 ⊕ DENOTES UNSATISFACTORY PERCOLATION TEST  
 (with arrow) DENOTES HOW FOR WET SEASON

NOTE: THE NEAREST WATER INTAKE STRUCTURE IS \_\_\_\_\_ ± FT. AWAY



- GENERAL SITE NOTES**
1. AREA OF PROPERTY = 21.0 ± ACRES
  2. PRESENT ZONING = "RS"
  3. DENSITY CALCULATIONS:  
 NUMBER OF LOTS PERMITTED @ 1 PER 400 AC = 0  
 NUMBER OF LOTS THIS PLAN = 19  
 (2-EXISTING DWGLS AND 1-PROPOSED)

PERCOLATION TEST CERTIFICATION &  
 HEALTH DEPARTMENT PLAN  
 SUBDIVISION PLAN  
 OF  
**PATRICIA L. BOYER PROPERTY**  
 WEST END OF HOBBS ROAD  
 GLENWOOD  
 4TH ELECTION DISTRICT HOWARD CO., MARYLAND

**CHARLES R. CROCKEN & ASSOCIATES, INC.**  
 Civil Engineering • Land Planning  
 P.O. BOX 307  
 WESTMINSTER, MARYLAND 21157  
 Tel. (410) 549-2708

DATE: 3-15-99

TAX MAP	PARCEL
DESIGNED BY: CRC, CHC	
DRAWN BY: CHC, AJL	
PROJECT NO.:	
DATE: 3-15-99	
SCALE: AS NOTED	
DRAWING NO. 1 OF 1	

PROFESSIONAL ENGINEER NO. 1177

APPROVED: FOR PRIVATE WATER & SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

CURRENT TITLE REFERENCE  
 WARREN H. BOYER & PATRICIA L. BOYER  
 TO  
 PATRICIA L. BOYER  
 UNDER 2005, PALM 126  
 MAY 4, 1980

OWNER / DEVELOPER  
 PATRICIA L. BOYER  
 2024 HOBBS ROAD  
 GLENWOOD, MD 21736  
 410-494-0787



1,4,5  
3.0' of dlm  
dull mottled  
grainy sand  
micaceous  
dry  
H<sub>2</sub>O indicated

3,2  
water  
@ 10.5  
2.0' clay  
dull brn  
Salm  
pockets of  
white silm  
mottled w/  
orange @  
3.0'

**SOILS LEGEND**

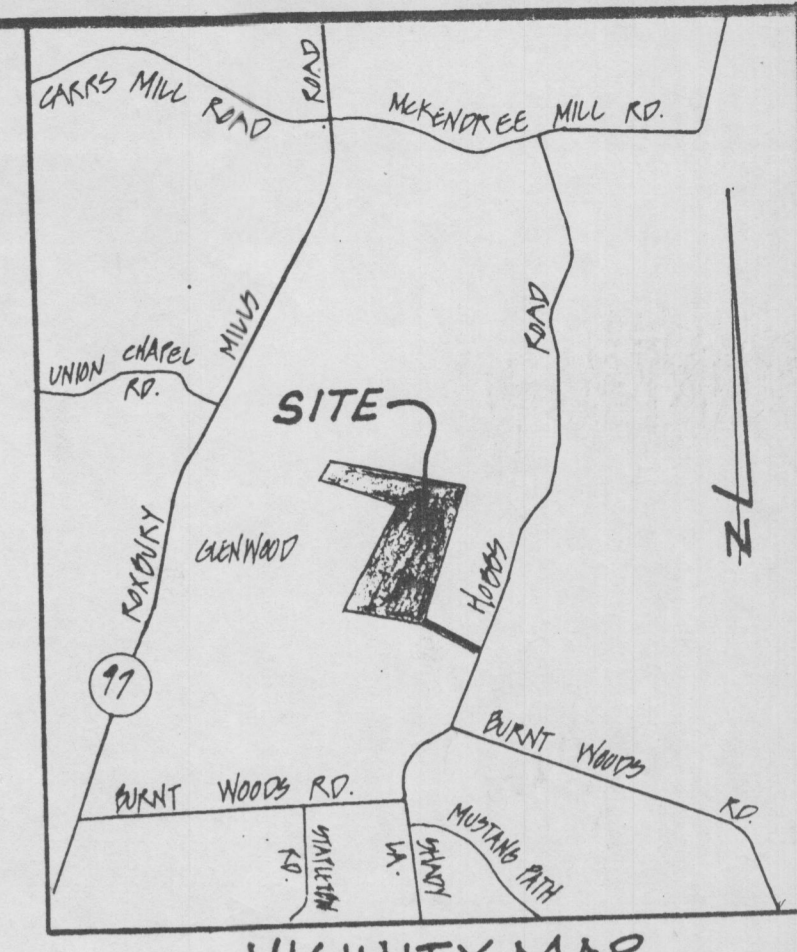
SYMBOL	SERIES
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ChB2	CHESTER SILT LOAM
ChC2	CHESTER SILT LOAM
EKB2	ELIOAK SILT LOAM
GnA	GLENVILLE SILT LOAM

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQ. FT. AS REQUIRED BY MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENTS. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

THERE ARE NO EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100 FT. OF THE LOT LINES SHOWN HEREON UNLESS NOTED OTHERWISE.

○ DENOTES SATISFACTORY PERCOLATION TEST  
⊕ DENOTES UNSATISFACTORY PERCOLATION TEST

NOTE: THE NEAREST WATER INTAKE STRUCTURE IS \_\_\_\_\_ ± FT. AWAY



**VICINITY MAP**  
SCALE: 1" = 1000'

**GENERAL SITE NOTES**

1. AREA OF PROPERTY = 27.8 ± ACRES
2. PRESENT ZONING = "RR"
3. DENSITY CALCULATIONS:  
NUMBER OF LOTS PERMITTED @ 1 PER 4.25 AC = 6  
NUMBER OF LOTS THIS PLAN  
(2-EXISTING DWGLS AND 2-PROPOSED) = 6

NOTE: EXCEPT WHERE SHOWN OTHERWISE THERE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET OF THE LOTS SHOWN HEREON.

*Handwritten notes:*  
"Hold lots 1, 5, 6, 4 for wet season testing" (circled)  
"Topography suggest close enough to water table rip soil to remove wet season testing!"  
"only 50ft from wellhead delineation"



**PLAN**  
SCALE: 1" = 100'

**CURRENT TITLE REFERENCE**  
WARREN H. BOYER & PATRICIA L. BOYER  
TO  
PATRICIA L. BOYER  
LIBER 2005, FOLIO 128  
MAY 4, 1987

**OWNER/DEVELOPER**  
PATRICIA L. BOYER  
3024 HOBBS ROAD  
GLENWOOD, MD. 21738  
PH. 410-489-9727

APPROVED: FOR PRIVATE WATER & SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

**HEALTH DEPARTMENT PLAN  
SUBDIVISION OF  
PATRICIA L. BOYER PROPERTY**  
WEST SIDE OF HOBBS ROAD  
GLENWOOD  
4TH ELECTION DISTRICT HOWARD CO., MARYLAND

CHARLES R. CROCKEN & ASSOCIATES, INC.  
Civil Engineering • Land Planning  
P.O. BOX 307  
WESTMINSTER, MARYLAND 21157  
Tel: (410) 549-2708  
Fax: 410 541-9063

DATE: 7-8-98  
DESIGNED BY: CRC, CHC  
DRAWN BY: CHC, AJL  
PROJECT NO.:  
DATE: 7/8/98  
SCALE: AS NOTED  
DRAWING NO. 1 OF 1

STATE OF MARYLAND  
REGISTERED PROFESSIONAL ENGINEER  
Charles R. Crocken

**SOILS LEGEND**

SYMBOL	SERIES
Ba	BAILE SILT LOAM
ChA	CHESTER SILT LOAM
ChB2	CHESTER SILT LOAM
ChC2	CHESTER SILT LOAM
EKB2	ELIDAK SILT LOAM
GnA	GLENVILLE SILT LOAM

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQ. FT. AS REQUIRED BY MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENTS. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

THERE ARE NO EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100 FT. OF THE LOT LINES SHOWN HEREON UNLESS NOTED OTHERWISE.

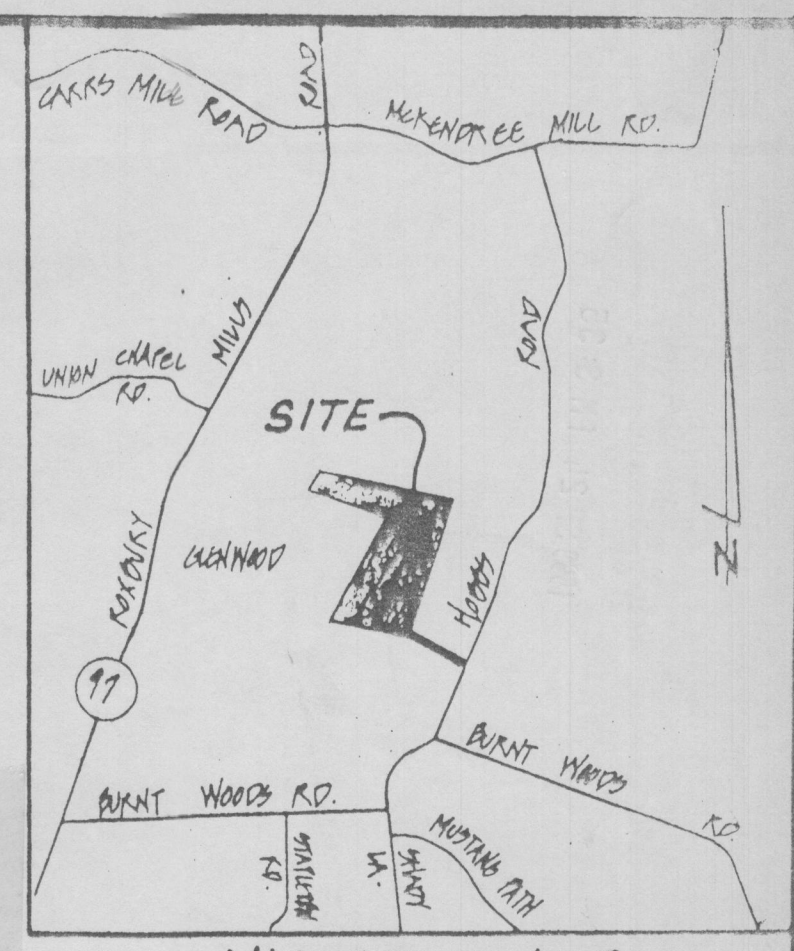
○ DENOTES SATISFACTORY PERCOLATION TEST

⊕ DENOTES UNSATISFACTORY PERCOLATION TEST

○ DENOTES HOLE FOR WET SEASON

NOTE: THE NEAREST WATER INTAKE STRUCTURE IS 2 FT. AWAY

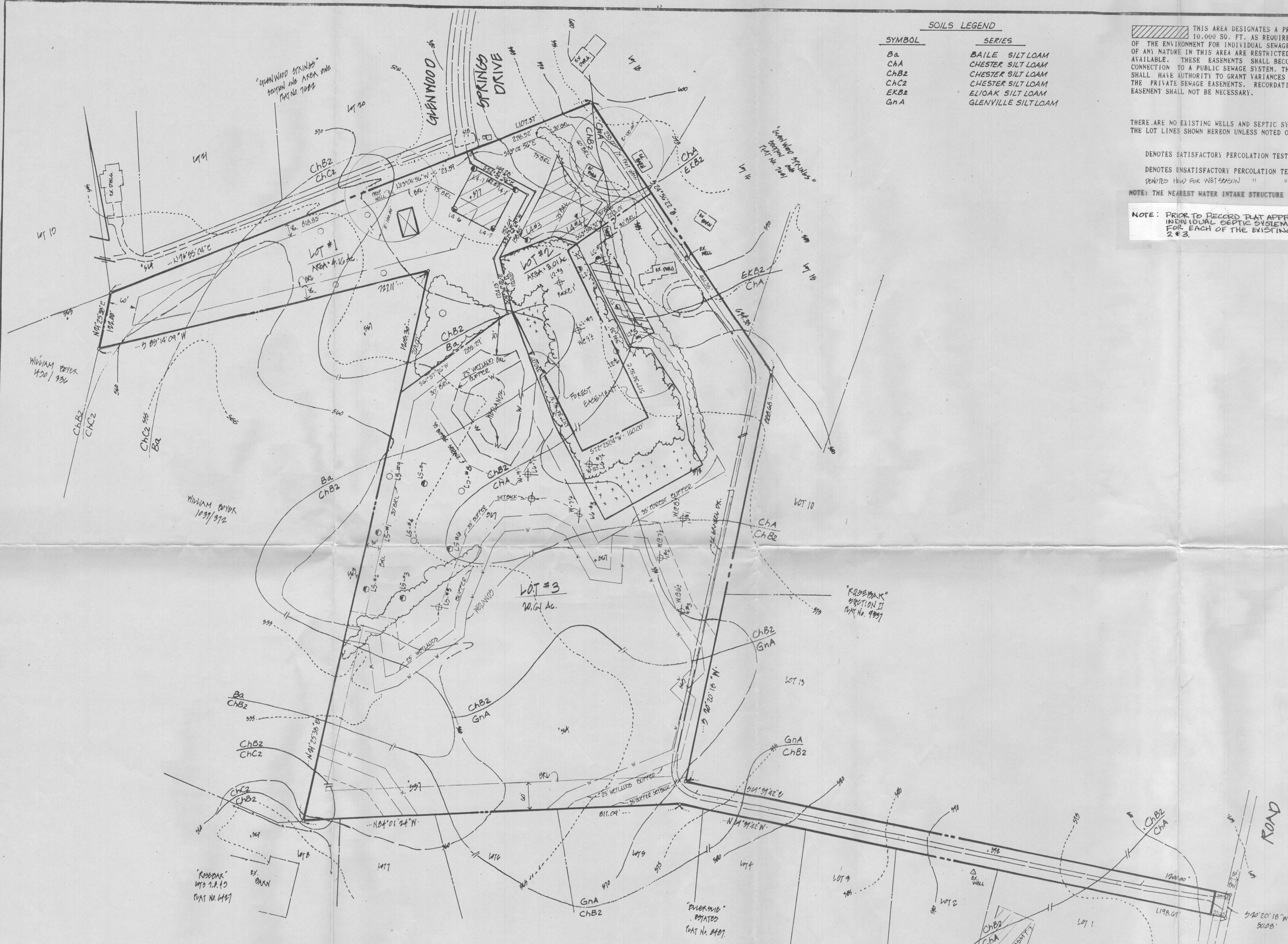
NOTE: PRIOR TO RECORD PLAT APPROVAL A WELL AND INDIVIDUAL SEPTIC SYSTEM SHALL BE PROVIDED FOR EACH OF THE EXISTING HOUSES ON LOTS 2 & 3.



VICINITY MAP  
SCALE: 1" = 200'

**GENERAL SITE NOTES**

1. AREA OF PROPERTY = 21.0 ACRES
2. PRESENT ZONING = "RS"
3. DENSITY CALCULATIONS:  
 NUMBER OF LOTS PERMITTED @ 1 PER 400 AC = 0  
 NUMBER OF LOTS THIS PLAN (2-EXISTING DWLS AND 1-PROPOSED) = 3



**PLAN**  
SCALE: 1" = 100'

PERCOLATION TEST CERTIFICATION &  
HEALTH DEPARTMENT PLAN  
SUBDIVISION PLAN  
OF  
**PATRICIA L. BOYER PROPERTY**  
WEST SIDE OF HOBBS ROAD  
GLENWOOD  
4TH ELECTION DISTRICT HOWARD CO., MARYLAND

CHARLES R. CROCKEN & ASSOCIATES, INC.  
Civil Engineering • Land Planning  
P.O. BOX 307  
WESTMINSTER, MARYLAND 21157  
Tel. (410) 549-2708

3-15-99  
DATE

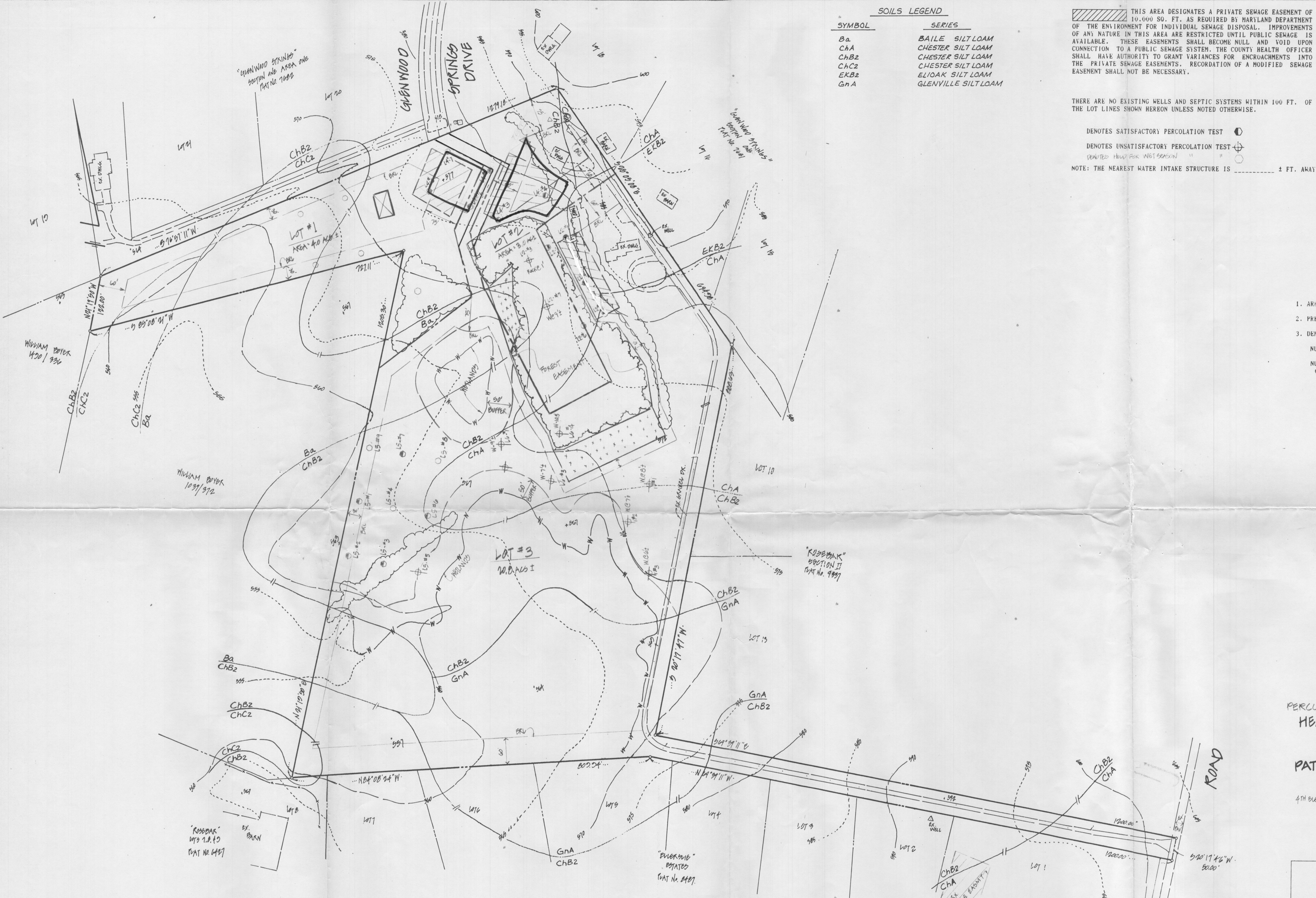
TAX MAP	PARCELS
DESIGNED BY:	CRC, CHC
DRAWN BY:	CHC, AJL
PROJECT NO.:	
DATE:	3-15-99
SCALE:	AS NOTED
DRAWING NO.:	1 OF 1

*Charles R. Crocken*  
PROFESSIONAL ENGINEER NO. 1003

CURRENT TITLE REFERENCE  
WARREN H. COVER & PATRICIA L. COVER  
TO  
PATRICIA L. COVER  
LIBER 2205, P. 100  
MAY 4, 1989

OWNER/DEVELOPER  
PATRICIA L. BOYER  
3024 HOBBS ROAD  
GLENWOOD, MD. 21756  
410-489-0787

APPROVED FOR PRIVATE WATER & SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
*Patricia L. Boyer*  
COUNTY HEALTH OFFICER  
9/23/99  
DATE



**SOILS LEGEND**

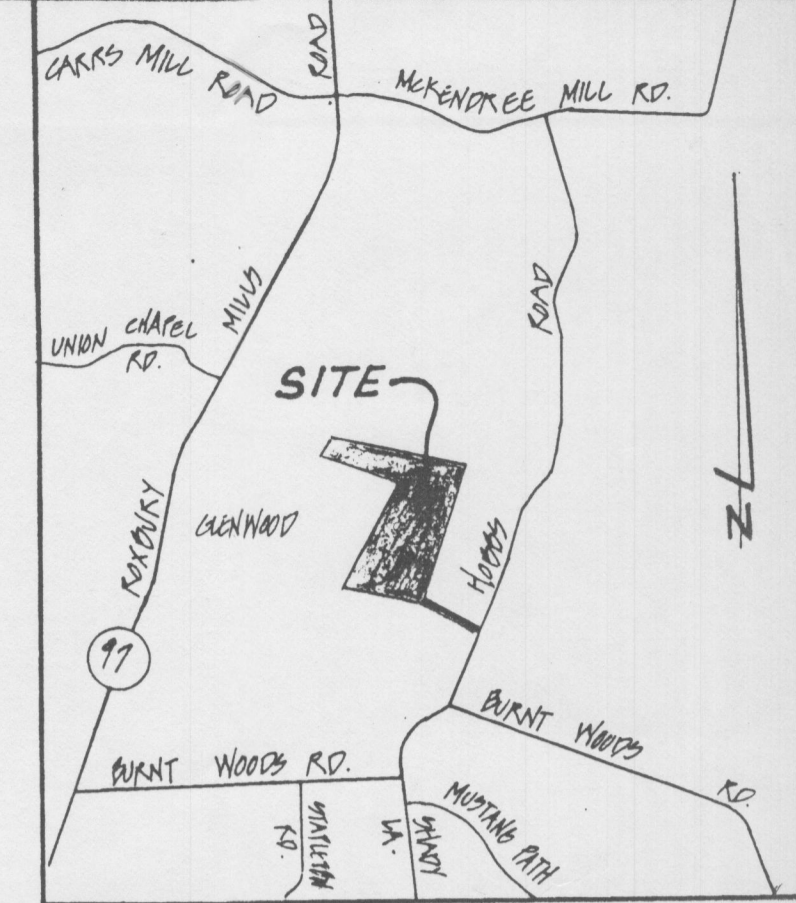
SYMBOL	SERIES
Ba	BAILE SILT LOAM
ChA	CHESTER SILT LOAM
ChB2	CHESTER SILT LOAM
ChC2	CHESTER SILT LOAM
EKB2	ELLOAK SILT LOAM
GNA	GLENVILLE SILT LOAM

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THERE ARE NO EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100 FT. OF THE LOT LINES SHOWN HEREON UNLESS NOTED OTHERWISE.

○ DENOTES SATISFACTORY PERCOLATION TEST  
 ⊕ DENOTES UNSATISFACTORY PERCOLATION TEST  
 ⊕ DENOTES HOLE FOR NEXT SEASON

NOTE: THE NEAREST WATER INTAKE STRUCTURE IS \_\_\_\_\_ ± FT. AWAY



**GENERAL SITE NOTES**

- AREA OF PROPERTY = 21.8 ± ACRES
- PRESENT ZONING = "RR"
- DENSITY CALCULATIONS:  
 NUMBER OF LOTS PERMITTED @ 1 PER 400 AC = 6  
 NUMBER OF LOTS THIS PLAN (2-EXISTING DWGS AND 1-PROPOSED) = 9

**PLAN**  
SCALE: 1" = 100'

APPROVED: FOR PRIVATE WATER & SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

CURRENT TITLE REFERENCE  
 WARREN H BOYER & PATRICIA L BOYER  
 TO  
 PATRICIA BOYER  
 UNDER 2005 FPLD 106  
 MAY 4, 1985

OWNER/DEVELOPER  
 PATRICIA L BOYER  
 3004 HOBBS ROAD  
 GLENNWOOD, MD 21736  
 410-461-0797

PERCOLATION TEST CERTIFICATION &  
 HEALTH DEPARTMENT PLAN  
 SUBDIVISION PLAN  
 OF  
 PATRICIA L. BOYER PROPERTY  
 WEST 9106 OF HOBBS ROAD  
 GLENNWOOD  
 4TH ELECTION DISTRICT HOWARD CO., MARYLAND

CHARLES R. CROCKEN & ASSOCIATES, INC.  
 Civil Engineering • Land Planning  
 P.O. BOX 307  
 WESTMINSTER, MARYLAND 21157  
 Tel. (410) 549-2708

3-15-99  
 DATE

TAX MAP PARCEL  
 DESIGNED BY: CRC, CHC  
 DRAWN BY: CHC, AJL  
 PROJECT NO.:  
 DATE: 10-13-99  
 SCALE: AS NOTED  
 DRAWING NO. 1 OF 1

STATE OF MARYLAND  
 CHARLES R. CROCKEN  
 PROFESSIONAL ENGINEER  
 No. 103