

7-15-98
10:00 am.

APPLICATION

PERCOLATION TESTING

A 510220

P _____

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

6-22-98
Preview OK -
Purpose: Subdivision
Proposed SDA has previously
passed test holes in the
vicinity
10,000 ft already established
for Lot 2 Au

DISTRICT _____

DATE 6/22/98

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 Warren and Helen Matzen

ADDRESS 6813 Maiden Lane, Clarksville 21029 PHONE 301 854-3366

AGENT OR PROSPECTIVE BUYER Shanaberger & Lane

ADDRESS 8726 Town & Country Blvd., Suite 104 PHONE 410 461-9563 (Julie)
Ellicott City, MD 21043

PROPERTY LOCATION:

SUBDIVISION Highland Meadows LOT NO. Part of parcel A

ROAD AND DESCRIPTION Highland Road, Brighton Dam Road

Property located 3 blocks down Longleaf Court on the right

TAX MAP 34 PARCEL # 169

SIZE OF LOT 3.4 acres TYPE BLDG. Single family dwelling
(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 #

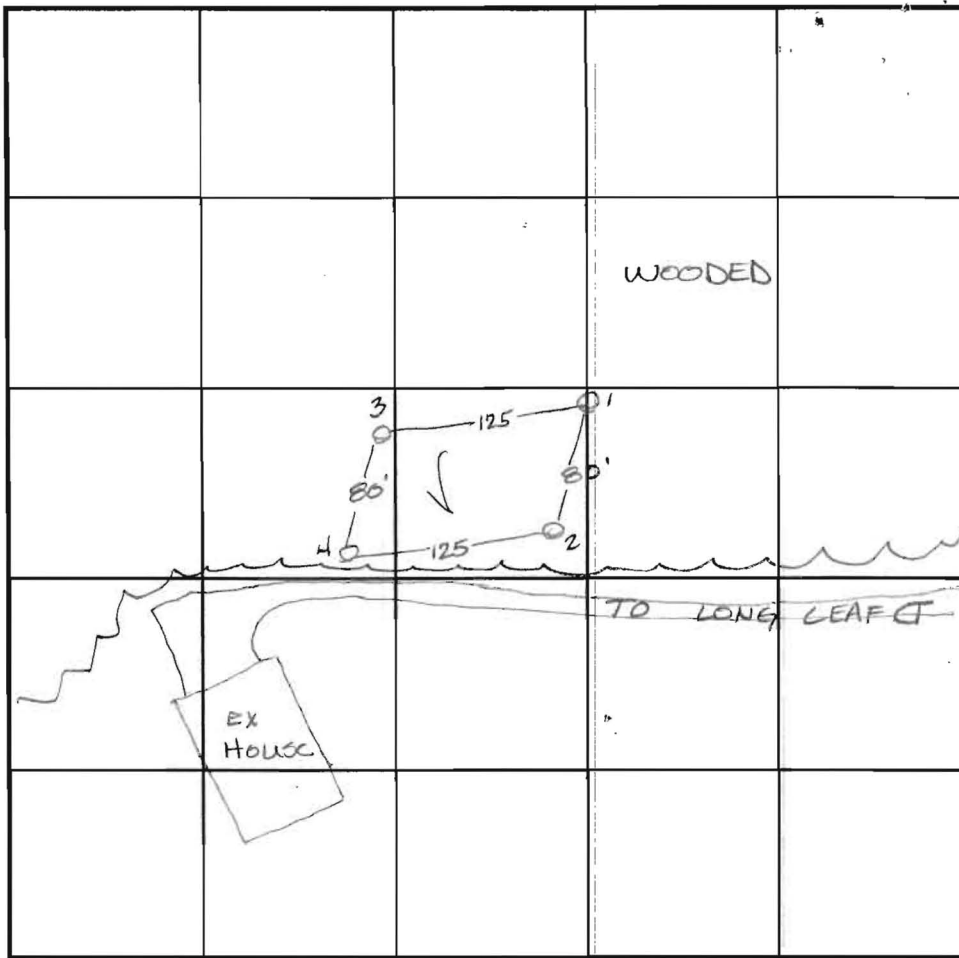
SOIL PROFILE

0' Typical
dark red
or
silt
3.0
lgt
orange
silt
5%
stone
12.0

4

orange
red
silt
30%
stones
6.5

bright
yellow
orange
silt
<5%
R_x
13.0



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	
7-15-98	1	5.0	10:22	10:26	10:26	10:30	4 min
		12.0					
		9.0	10:23	10:26	10:26	10:30	4 min
	2	4.0	10:33	10:36	10:36	10:44	8 min
	3	Visual to 12.0 - see profile -					
	4	4.5	10:57	slow	—		>30min
		6.0			11:18	slow	

REMARKS Test hole #4 slow-but very sandy @ 6.5 - 3rd system to be installed deep

TYPE OF SOIL _____
TESTED BY Amy McMillen ALSO PRESENT Olen Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 min TRENCH WIDTH 3.0

INLET DEPTH 4.0 MAXIMUM BOTTOM DEPTH 6.0 SQ. FT./BEDROOM 210 sq

APPLICATION

PERCOLATION TESTING

A 510595

P _____

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

DISTRICT _____

DATE 7/30/98

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 Warren and Helen Matzen

ADDRESS 6813 Maiden Lane, Clarksville MD 21029 PHONE 301 854-3366

AGENT OR PROSPECTIVE BUYER Warren Matzen

ADDRESS 6813 Maiden Lane, Clarksville, MD 21029 PHONE 301 854-3366

PROPERTY LOCATION:

SUBDIVISION Highland Meadows LOT NO. Part of parcel A LOT 1

ROAD AND DESCRIPTION Highland and Brighton Dam Roads

Property located 3 blocks down Long Leaf Court on Right

TAX MAP 34 PARCEL # 169

SIZE OF LOT 3 acres TYPE BLDG. Single family dwelling
(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.

W Matzen
(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' A
 heavy
 orange
 red
 SiCLM

5.0
 dark
 orange
 red
 SiLM
 5-10%
 Rx

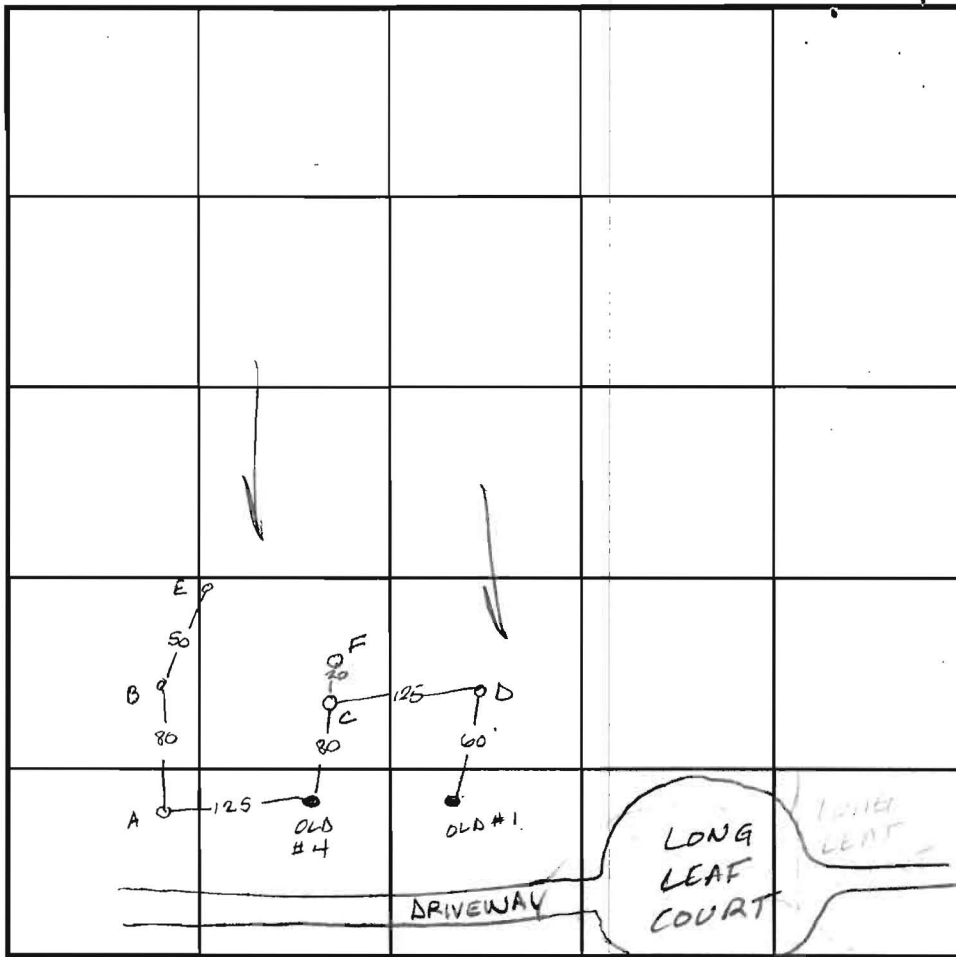
10.0 refusal

B thru E

like
 test
 hole
 "A"
 but no
 hard
 bottom

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	
8-25-98	A	5.0 V10.0	12:11	12:13	12:13	12:15	2min
	B	Visual	to 12.0 - see profile		—		OK
	C	5.5 V11.0	12:47	12:55	12:55	1:10	15min
	D	5.5 V12.0	1:16	1:18	1:18	1:21	3min
	E	Visual	to 13.0' - see profile		—		OK
	F	Refusal @	4.0 - insufficient		—		
		depth to bedrock	—		—		F

REMARKS

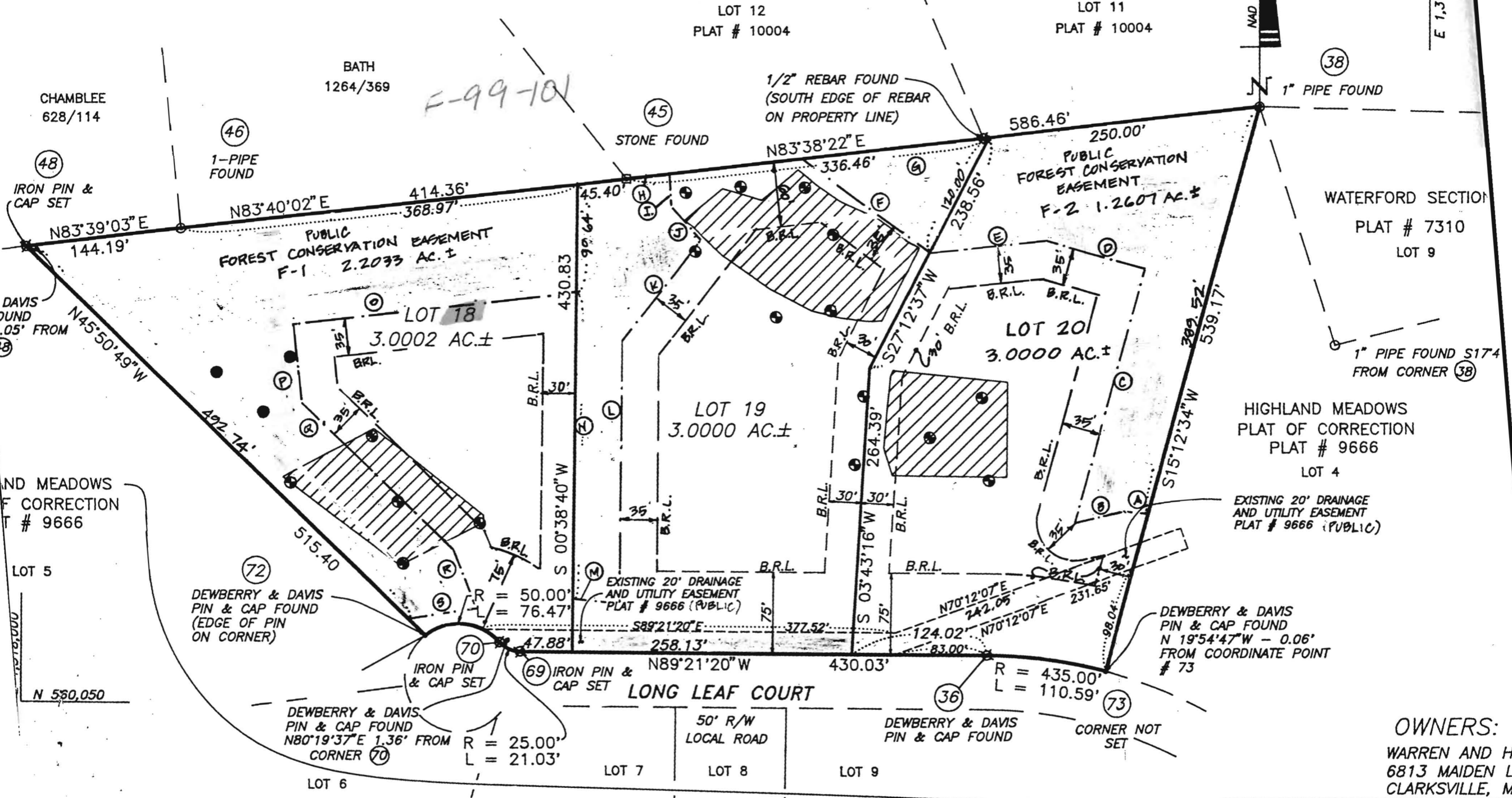
TYPE OF SOIL

TESTED BY Amy McMillen

ALSO PRESENT Warren Matzen

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 10 min TRENCH WIDTH 3.0

INLET DEPTH 4.0 MAXIMUM BOTTOM DEPTH 6.0 SQ. FT/BEDROOM 210 B



CURVE DATA





RADIUS	ARC	DELTA	TAN	CHORD BEARING & DIST.
435.00'	110.59'	14°33'59"	55.59'	N82°04'21"E 110.29'
25.00'	21.03'	48°11'23"	11.18'	N65°15'39"E 20.41'
50.00'	76.47'	87°37'43"	47.97'	N84°58'42"E 69.23'

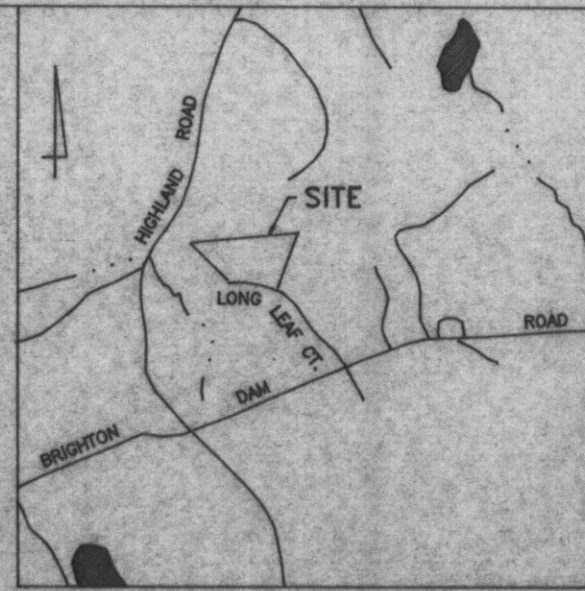
THE PURPOSE OF THIS RESUBDIVISION PLAT IS TO CREATE THREE BUILDABLE LOTS.

RECORDED AS PLAT # _____
 ON _____ AMONG
 RECORDS --

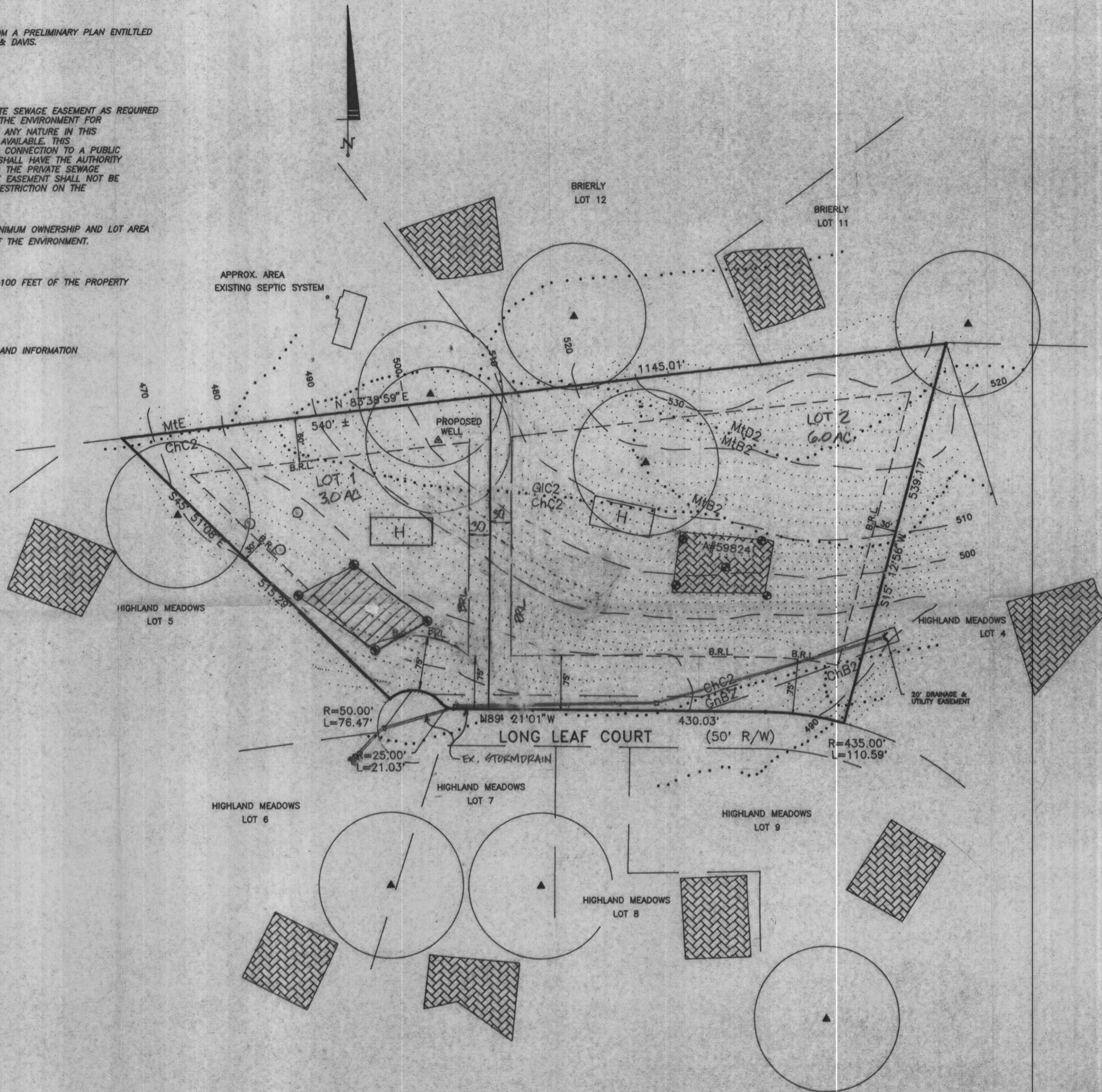
OWNERS:
 WARREN AND H
 6813 MAIDEN L
 CLARKSVILLE, M

NOTES:

1. THE TOPOGRAPHY SHOWN HEREON WAS TAKEN FROM A PRELIMINARY PLAN ENTITLED "HIGHLAND MEADOWS" PREPARED BY DEWBERRY & DAVIS.
2. B.R.L. DESIGNATES BUILDING RESTRICTION LINE
 - ⊙ DESIGNATES APPROVED PERC TEST
 - DESIGNATES OTHER PERC TEST
3.  THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS EASEMENT 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. THERE IS A 10,000 S.F. MINIMUM RESTRICTION ON THE SEWAGE EASEMENT.
4. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP AND LOT AREA AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT.
5. SUBJECT PROPERTY ZONED: RR-DEO
6. ALL VISIBLE WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN HEREON.
7.  POSSIBLE HOUSE SITE
8.  SEPTIC AREAS FROM AVAILABLE PLANS AND INFORMATION
9.  WELL SITES PER AVAILABLE PLANS AND INFORMATION

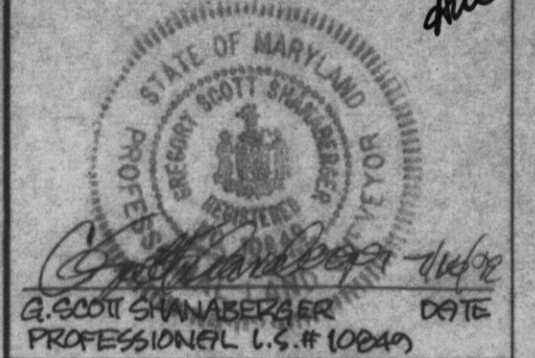


VICINITY MAP
SCALE: 1"=2000'



APPROVED FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS.

James M. Byrd 7/17/98
COUNTY HEALTH OFFICER DATE
del

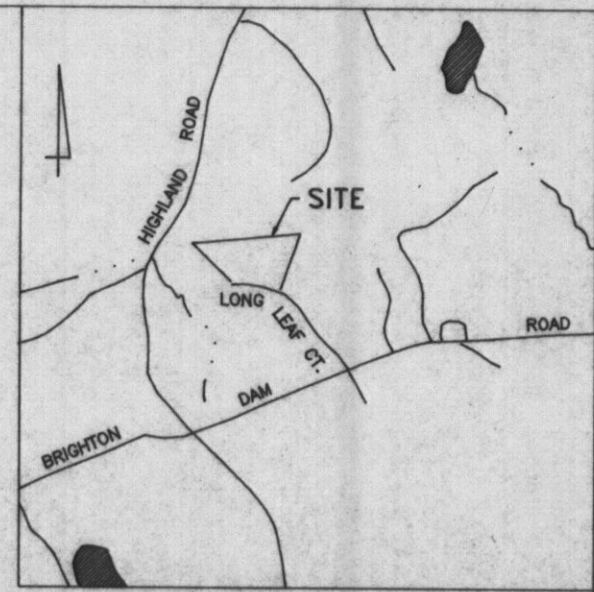


SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 104
ELLCOTT CITY, MD. 21043
(410) 461-9563

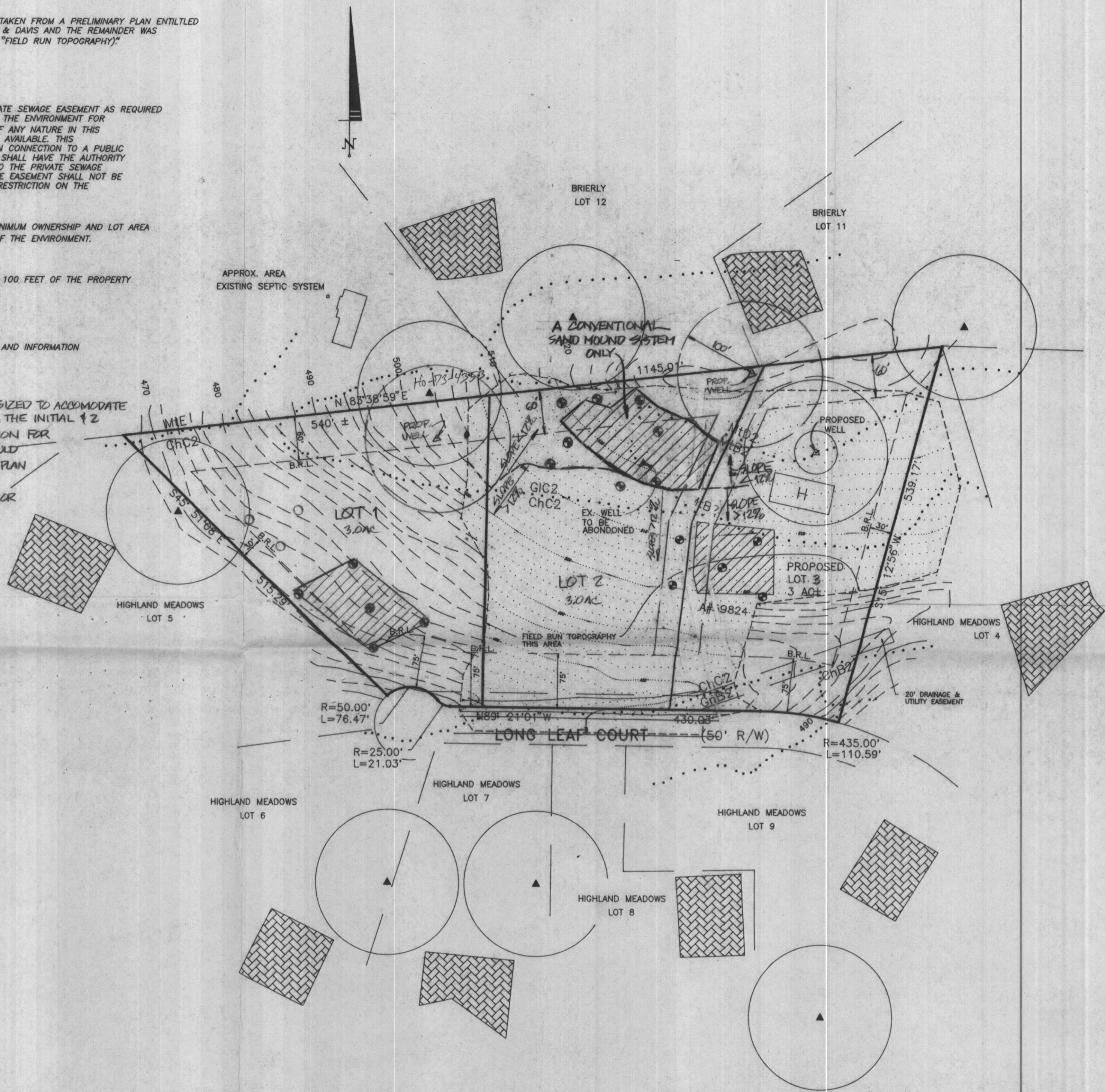
FIELD-LOCATED
PERC TEST PLAT
HIGHLAND MEADOWS SECTION ONE
REBUDY. OF PARCEL A
FIFTH ELECTION DISTRICT, HOWARD COUNTY, MD
TAX MAP 34, GRID 9, PARCEL 169
PLAT # 9666
SCALE: 1"=100'
DATE: JUNE 19, 1998 *REV. 7/16/98*
FILE: 9806-2.DWG

NOTES:

- PART OF THE TOPOGRAPHY SHOWN HEREON WAS TAKEN FROM A PRELIMINARY PLAN ENTITLED "HIGHLAND MEADOWS" PREPARED BY DEWBERRY & DAVIS AND THE REMAINDER WAS FIELD RUN BY SHANABERGER & LANE (LABELED "FIELD RUN TOPOGRAPHY").
- B.R.L. DESIGNATES BUILDING RESTRICTION LINE
 - ⊕ DESIGNATES APPROVED PERC TEST
 - DESIGNATES PROPOSED PERC TEST
- THIS AREA DESIGNATES A PROPOSED PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS EASEMENT 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. THERE IS A 10,000 S.F. MINIMUM RESTRICTION ON THE SEWAGE EASEMENT.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP AND LOT AREA AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT.
- SUBJECT PROPERTY ZONED: RR-DEO
- ALL VISIBLE WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN HEREON.
- POSSIBLE HOUSE SITE
- SEPTIC AREAS FROM AVAILABLE PLANS AND INFORMATION
- WELL SITES PER AVAILABLE PLANS AND INFORMATION
- SEPTIC EASEMENT ON LOT 2 IS ONSIZED TO ACCOMMODATE A SAND MOUND SEPTIC SYSTEM FOR THE INITIAL & 2 REPAIR SYSTEMS. ANY CONSIDERATION FOR ADJUSTMENTS TO THE EASEMENT WOULD REQUIRE DETAILED SYSTEM DESIGN PLAN REVIEW.
- WELL ON LOT 2 TO BE DRILLED PRIOR TO RECORD PLAT.



VICINITY MAP
SCALE: 1"=2000'



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

John B. U... 11-13-98
COUNTY HEALTH OFFICER DATE



G. SCOTT SHANABERGER DATE
PROF. L.S. #10849

RECEIVED
FEB 03 1999

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITE 104
ELLCOTT CITY, MD. 21043
(410) 461-9563

FIELD LOCATED
PERC TEST PLAT
HIGHLAND MEADOWS SECTION ONE
RESUB. OF PARCEL A
FIFTH ELECTION DISTRICT, HOWARD COUNTY, MD
TAX MAP 34, GRID 9, PARCEL 189
PLAT # 9666
SCALE: 1"=100'
DATE: NOV. 3, 1998
FILE: 9806-3.DWG