

APPLICATION

PERCOLATION TESTING

A 511437A

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT 574

DATE 2-24-99

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 _____

ADDRESS 11961 Simpson Road PHONE (301) 490-7627

AGENT OR PROSPECTIVE BUYER Tom Stanton

ADDRESS 8448 Jandy Ave, Laurel, MD. PHONE (301) 490-7627 (H); (410) 792-9442 (W)

PROPERTY LOCATION:

SUBDIVISION Cherry Brae LOT NO. 4

ROAD AND DESCRIPTION Simpson Road

TAX MAP 41 PARCEL # 198

SIZE OF LOT 22.2793 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.

Thomas A. Stanton
(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

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AS11437A
COUNTY #

SOIL PROFILE A

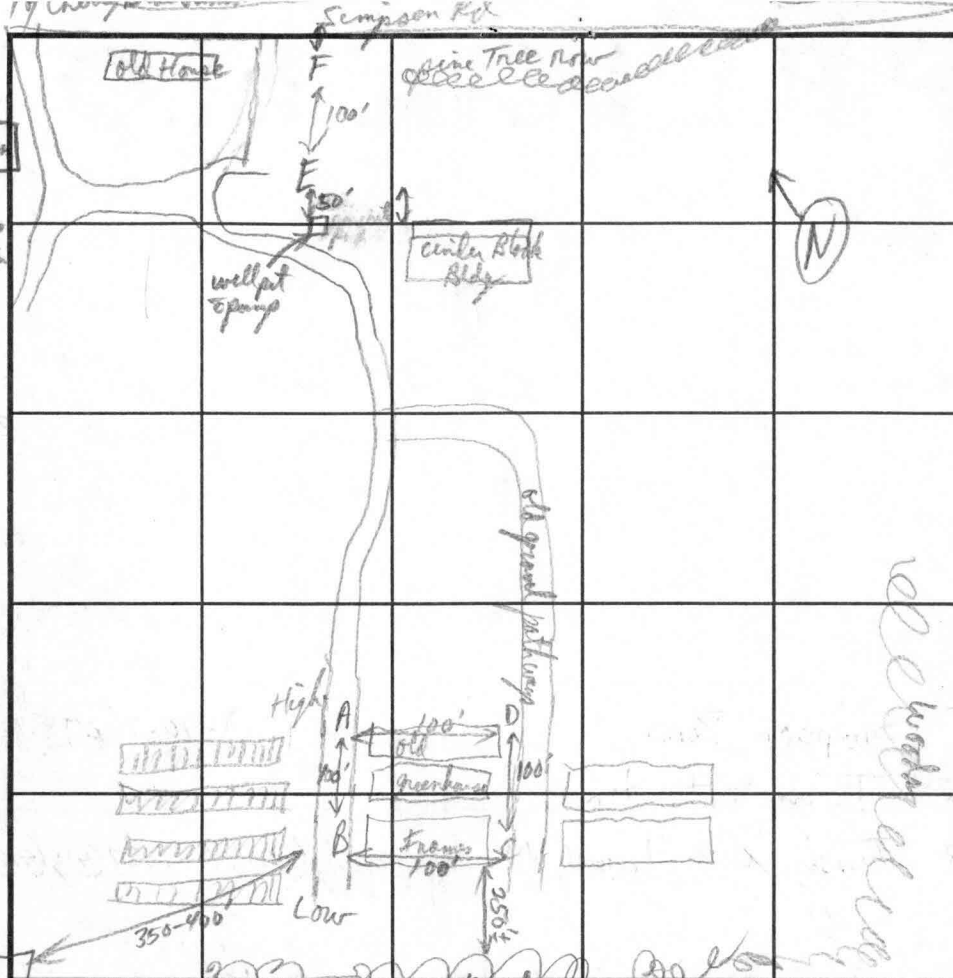
0' gravelly top soil
5' Red Clay-cl
Fill
24' dark brown
yellow clay
12' mif ssk
SiCL
4' 1/2' Red SL
-MicaSL
6 1/2' Red brown purple
(OR 3/6)
MicaL-SL
12'

B

gravel
+ fill
clay-hcl
3-4' old A horizon
Rest
Same
profile
as A
10 1/2'

C

Red-Red Brown
CL (Fill)
2 1/2' old A horizon
Rest of
profile
Same as A
12'



SOIL PROFILE D

0' dark brown
12' Brn-Red Brn
HL-CL
4' SiCL
6' Red
MicaSL
(Moist)
28' purple Red
MicaSL
(dry)
13 1/2'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/30/99	A	5 1/2'	11:50:30	11:53:00	11:53:00	11:56:00	3 min
		1/2' 9'	11:50:00	11:52:30	11:52:30	11:55:00	2 1/2 min
	B	7'	12:12:00	12:14:00	12:14:00	12:17	3 mpi
		1/2 7'	12:27:00	12:31:00	12:31:00	12:37:00	6 mpi
	C	1/2 7'	12:22:00	12:31:00	12:31:00	12:37:00	6 mpi
	D						
		1/3 4 1/2'	13:59:00	14:04:00	14:04:00	14:14	10 mpi

REMARKS _____

TYPE OF SOIL Chert

TESTED BY R/Kalby ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 mpi TRENCH WIDTH 32

INLET DEPTH 4 1/2 MAXIMUM BOTTOM DEPTH 7 SQ. FT/BEDROOM 180

(For lower area use 6', 8' respectively depending on amount of fill left in place) R/P 9/29/00

3/30/99
10:00
(tent)
- prior testing
wet
check
I will prior
whether or
not

APPLICATION

PERCOLATION TESTING

A 511437A

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DISTRICT 5TH

DATE 2-24-99

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TELEPHONE: 313-2640

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PROPERTY LOCATION:

SUBDIVISION Cherry Brae LOT NO. 4 *Become Pres. Parcel "A" of F-00-153 Resub. plan 5/1/00*

ROAD AND DESCRIPTION Simpson Road

TAX MAP 41 PARCEL # 198

SIZE OF LOT 22.2793 TYPE BLDG. Single Family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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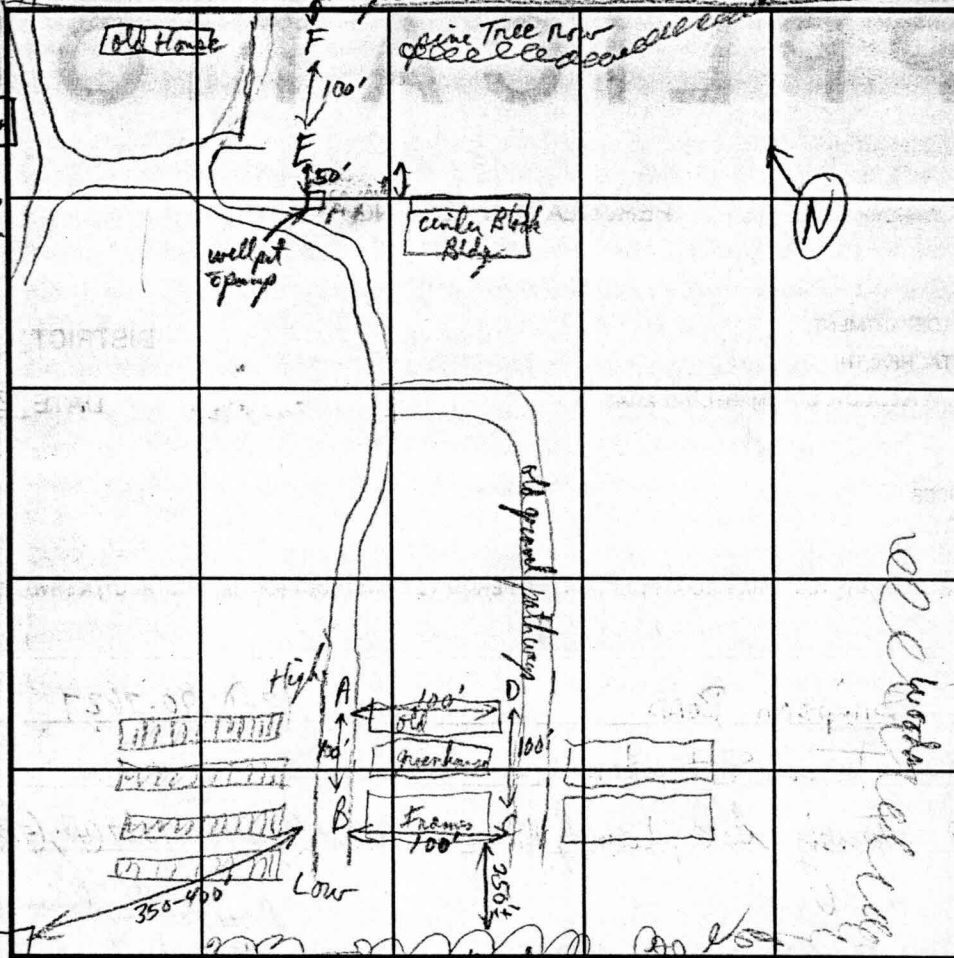
0' gravel + top soil
5' Red clay-CL
Fill
24' dark brown
yellow CL
12' silt
4' 1/2' Red SL
15' mica SL
12' Red Brown
60R 36)
mica SL

B

gravel
+ fill
clay-CL
3-4' old A horizon
rest
same
profile
as A

C

Red-Red Brown
CL (Fill)
2' old A horizon
rest of
profile
same as A



SOIL PROFILE D

0' dark brown
12' Brown-Red Brown
HL-CL
4' Red
Mica SL
(Moist)
6' 7' purple Red
mica SL
(dry)
13' 1/2'

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REMARKS _____
 TYPE OF SOIL Chert
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 INLET DEPTH 5 MAXIMUM BOTTOM DEPTH 7 SQ. FT./BEDROOM 180
 (For lower area use 6', 8' respectively, depending on amount of hill left in place) 4/19/99/00

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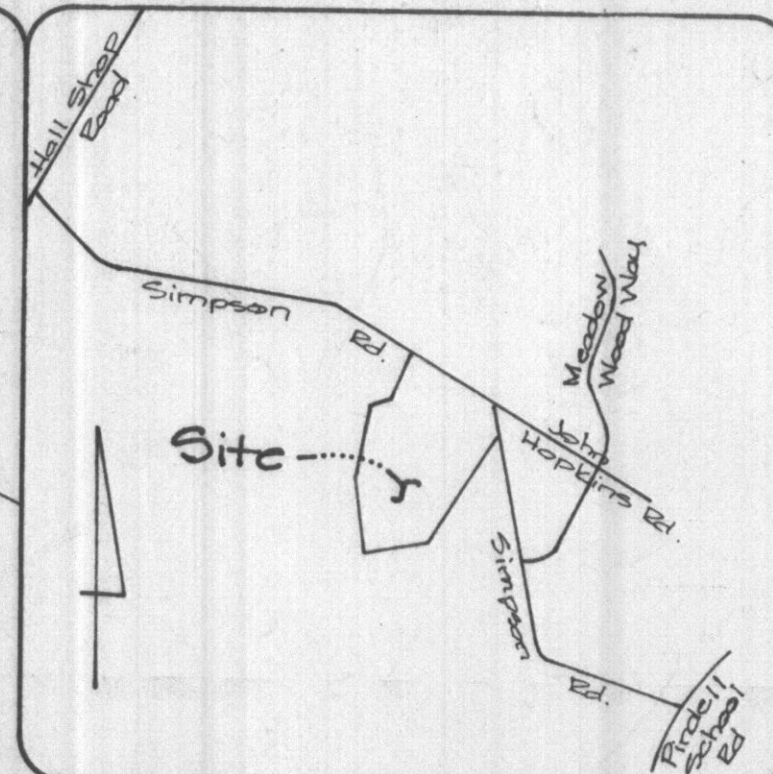
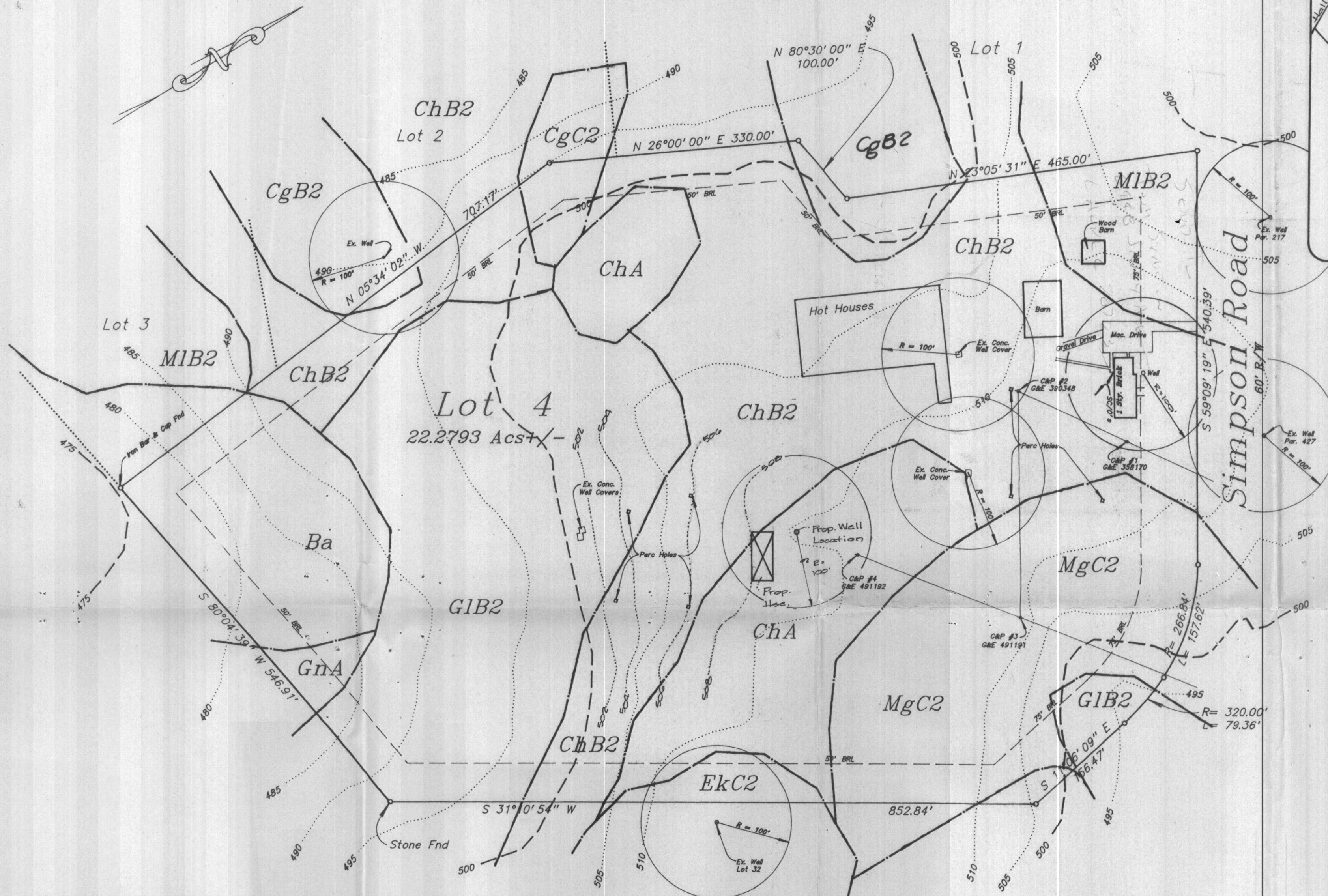
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VICINITY MAP
Scale: 1"=1,200

Maurice A. & Warren F. Bassler
870/713

Legend:
Contour Interval (5')
Contour Interval (25')
Soil Boundaries
Soils Map # 2B



All Ex. Wells and Septic Systems within 100 feet of property boundaries have been shown.

D. Wayne Weller
D. Wayne Weller

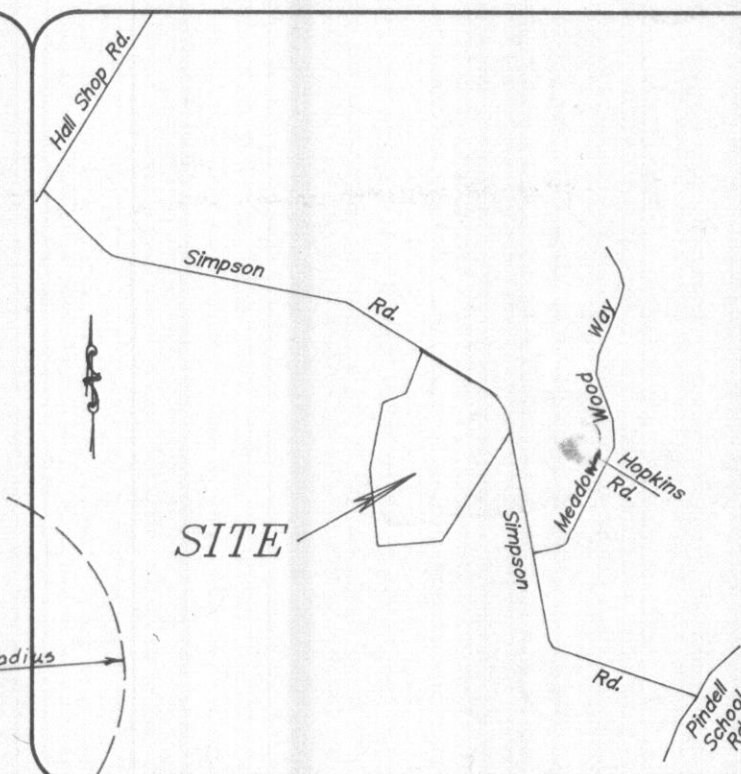
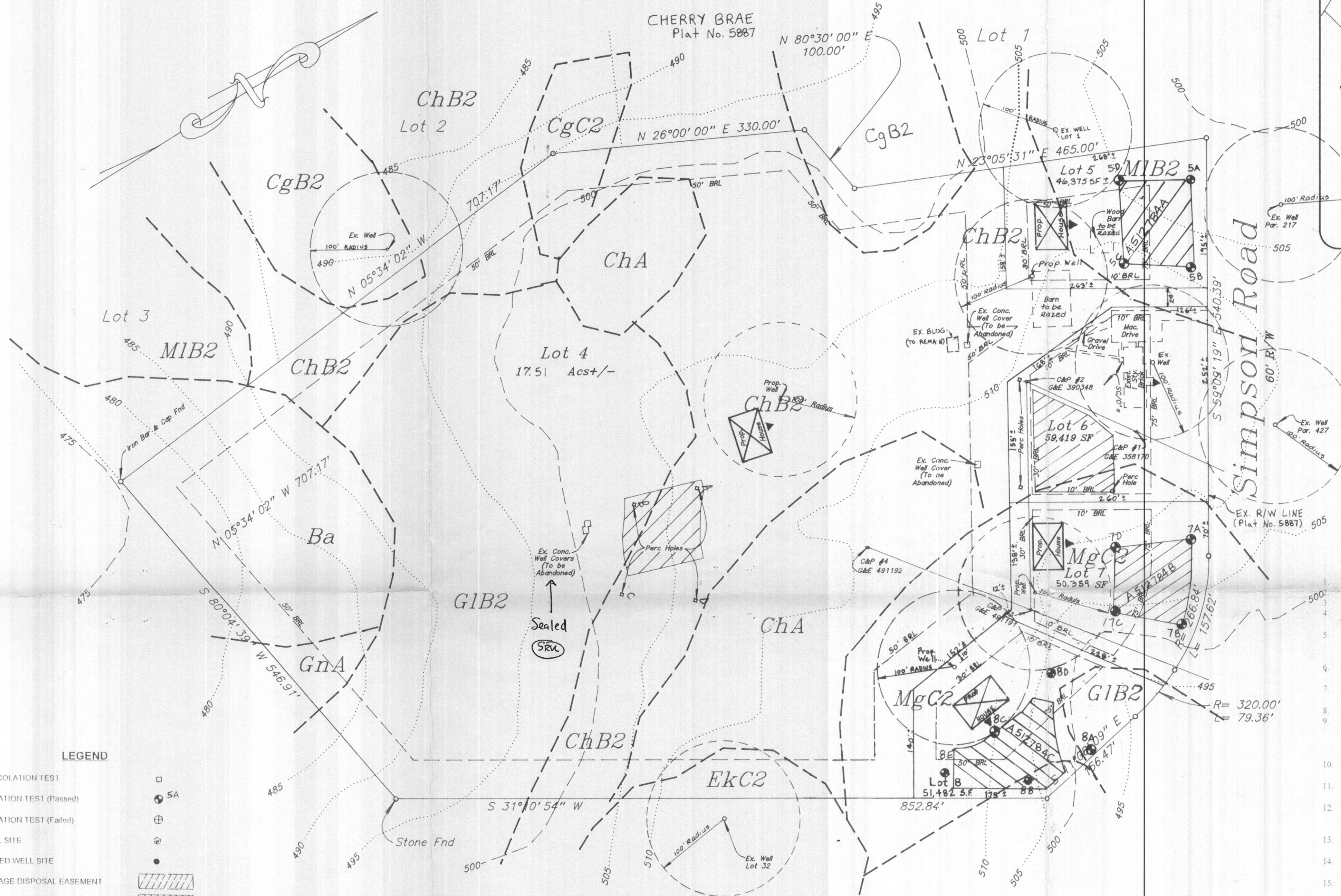
5/12/99
Date

Percolation Certification Plat

Cherry Brae
Lot 4

5th Election District
Howard County, Maryland
Scale 1" = 100' May 1999

LDE, Inc.
9250 Rumsey Road - Suite 106
Columbia, Maryland 21045
(410) 715-1070 (410) 715-9540 fax



VICINITY MAP
Scale: 1"=2,000

GENERAL NOTES

- Total area of site: 22.28+- Acres
- Existing zoning: RR-DEO (Per 10/18/93 Comprehensive Zoning Plan)
- Deed reference: (Cherry Brae, Lot # 4) L. 4770, F. 303
- Plat reference: Plat No. 5887, recorded among the Land Records of Howard County on August 9, 1984.
- Total number of proposed lots / dwellings: 5
 - number of existing dwellings: 1
 - number of proposed dwellings: 4
- The lots shown comply with the minimum lot area and ownership width as required by the Maryland State Department of the Environment.
- The topography shown is compiled from the Howard County Aerial Photogrammetry.
- The existing dwelling located on lot 6 is to remain.
- The existing septic system serving the existing dwelling on lot 6 shall remain. The sewage disposal easement area shown on this lot encompasses the existing system and also provides sufficient area for at least one future replacement system.
- Soil group delineation taken from the Howard County Soil Survey, Sheet # 28.
- All percolation test holes have been field located. All existing wells and septic systems within 100 feet of the property boundary have been shown.
- A groundwater appropriation permit from the Maryland Department of the Environment is not required for this subdivision since less than 10 new lots are proposed.
- All proposed wells shall be drilled and tested for yield prior to final plat signature approval.
- Lot 8 will likely require a pump system with visual and audible alarms for installation of the septic system.
- Tree protection fence or blaze orange fence shall be placed around the perimeter of the sewage disposal easements prior to any construction of road or lot improvements to insure that placement of fill material upon the easement will not occur.
- In accordance with Section 105.E.1 C of the Howard County Zoning Regulations, The Health Department recommends the lot size of lots 6, 7, and 8 to be increased beyond the 50,000 square foot maximum.

LEGEND

- EX. PERCOLATION TEST
- PERCOLATION TEST (Passed)
- PERCOLATION TEST (Failed)
- EX. WELL SITE
- PROPOSED WELL SITE
- EX. SEWAGE DISPOSAL EASEMENT
- PROP. SEWAGE DISPOSAL EASEMENT
- SOIL BOUNDARY (From Hto Co Soil Survey sheet # 28)
- PROPOSED DWELLING
- FRONT ORIENTATION OF DWELLING
- EX. CONTOUR (5' Contour Interval)
- INDEX CONTOUR (25' Contour Interval)

Legend
Contour Interval (5')
Contour Interval (25')
Soil Boundaries
Soils Map #28

These areas designate a private sewage easement of 10,000 square feet 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. These improvements 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.

SOILS LEGEND

MAP SYMBOL	NAME	SLOPE / CHARACTERISTICS
Ba	Baile Silt Loam	0-3% Slopes
GnA	Glenville Silt Loam	3-8% Slopes, Moderately Eroded
G1B2	Glencig Loam	3-8% Slopes, Moderately Eroded
ChB2	Chester Silt Loam	3-8% Slopes, Moderately Eroded
CgC2	Chester Gravelly Silt Loam	8-15% Slopes, Moderately Eroded
CgB2	Chester Gravelly Silt Loam	3-8% Slopes, Moderately Eroded
EkC2	Elioak Silt Loam	8-15% Slopes, Moderately Eroded
EkA	Elioak Silt Loam	0-3% Slopes
ChA	Chester Silt Loam	0-3% Slopes
MgC2	Manor Gravelly Loam	8-15% Slopes, Moderately Eroded
M1B2	Manor Loam	3-8% Slopes, Moderately Eroded

All Ex. Wells and Septic Systems within 100 feet of property boundaries have been shown

OWNER / DEVELOPER:

MR. TOM STANTON
11961 SIMPSON ROAD
CLARKSVILLE, MD 21029
301-490-7627
410-792-9442

Signed Revised
Percolation Plat

Resubdivision of Cherry Brae

Lots 4 - 8
Tax Map 41, Parcel 198
5th Election District
Howard County, Maryland
Scale 1" = 100' Oct. 1999

LDE, Inc.
9250 Rumsey Road - Suite 106
Columbia, Maryland 21045
(410) 715-1070 (410) 715-9540 fax

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS FOR LOTS 4 - 8. HOWARD COUNTY HEALTH DEPARTMENT.

Dir. H. Matusz 3/15/00
HOWARD COUNTY HEALTH OFFICER DATE

Revised 2/2/00, SDH