

APPLICATION

PERCOLATION TESTING

A 51143

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT 5TH

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 Existing House

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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

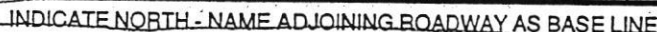
HOLD PENDING FURTHER TESTS _____

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



SQ. FT./BEDROOM

ALSO PRESENT Tom Stanton, Kattermans,
Robert Aho.

TRENCH WIDTH

SQ. FT./BEDROOM

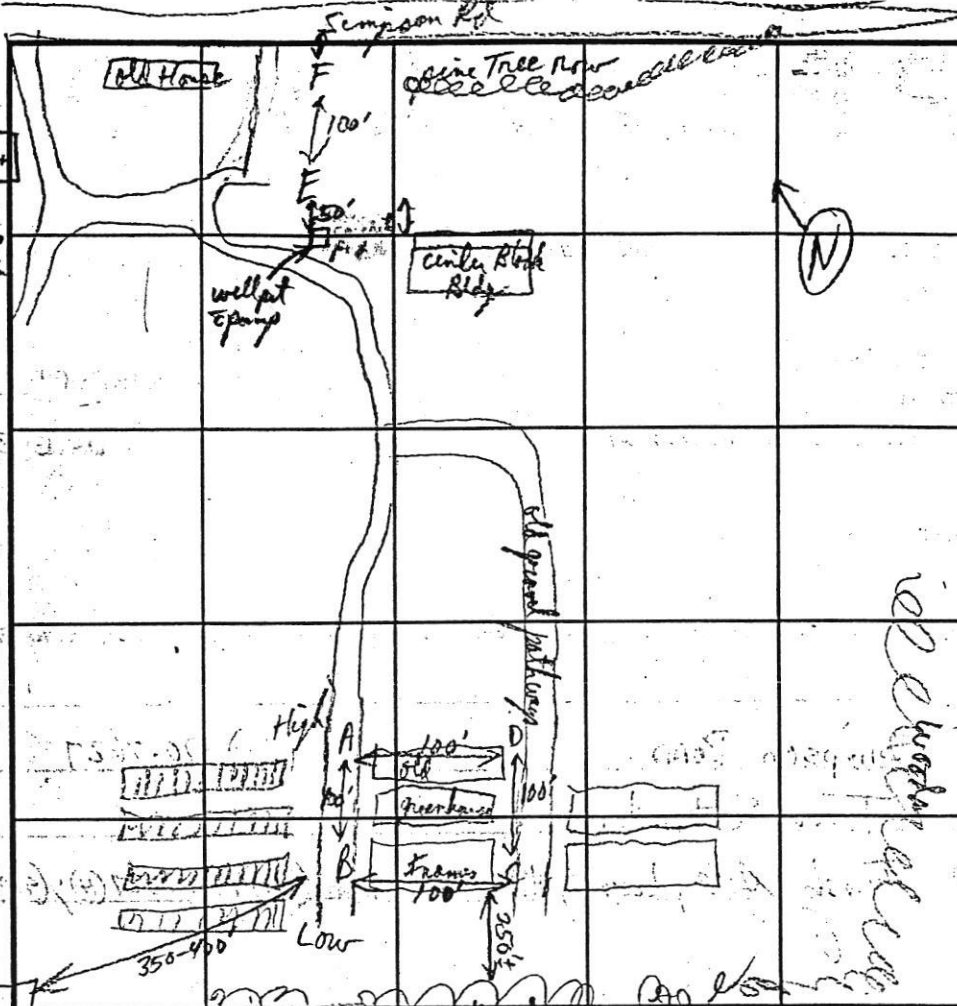
SOIL PROFILE

0' A
5' gravelly top soil
Red clay cl
Full 15'
2' yellowish brown
yellowish cl
12 mts ssk
SiCl
4' 1/2
Red SL
-micaceous
Redden purple
(OR 3%)
MicaL-SL
12'

gravel
+ full
clay - red
3-4' old "A" layer
Rest
Same
profile
as A

2 1/2

Red-Red Ben CL (fill)
old A ² horizon
rest of profile
same as A ¹



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

New lot

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/30/89	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 min
		1/2 1/2 7'	12:27:00	12:31:00	12:31:00	12:37:00	6 min
	C	1/2 7'	12:22:00	12:31:00	12:31:00	12:37:00	6 min
	D						
		1/3 1/2 4 1/2'	13:59:00	14:04:00	14:04:00	14:14	10 min

REMARKS

TYPE OF SOIL

TESTED BY

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

INLET DEPTH

MAXIMUM BOTTOM DEPTH

ALSO PRESENT

TRENCH WIDTH

SQ. FT./BEDROOM

APPLICATION

PERCOLATION TESTING

A 511437

P

DISTRICT 5TH

DATE 2-24-99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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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

Future New Subdiv lot

ROAD AND DESCRIPTION Simpson Road

Lot 4 New House Perc Test Back-up Area

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.

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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

Oswald Jr, Woodin

From: Oswald Jr, Woodin
Sent: Tuesday, April 23, 2024 7:23 AM
To: Jim Witmer
Cc: tastanton5205@gmail.com; Freemon, Robert
Subject: 11935 (Lot 7) & 11915 (Lot 8) Simpson Road
Attachments: Howard Health Dept Apprvd Perc Test-Lots 5_7_8.pdf

Hi Jim,

Good morning. The perc test notes (attached) for 11935 (Lot 7) & 11915 (Lot 8) Simpson Road are acceptable. Therefore, we won't have to perc. However, if the engineer has to shift the SDA to fit a house & 2 alternate well sites on the OSDS plan, then additional perc testing will likely be required leading to a revised perc cert plan.

Please contact me with any questions.

Regards,

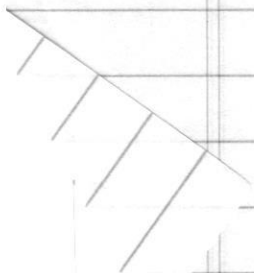
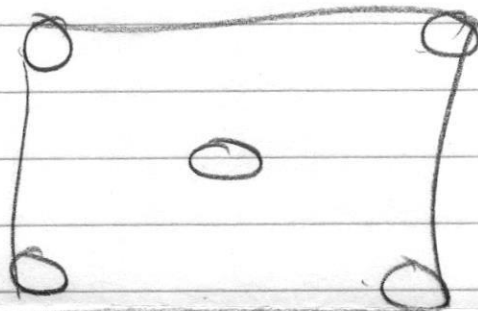
Hank

Hank Oswald
Licensed Environmental Health Specialist
Bureau of Environmental Health
Howard County Health Department
8930 Stanford Blvd. Columbia, MD 21045
(410) 313 - 1786
www.hchealth.org

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11955

Tom Stanton
tastanton5205@gmail.com
(301) 343-0620
11925 Simpson Rd
Clarksville, MD



Oswald Jr, Woodin

From: Jim Witmer <jim@jnmengineeringllc.com>
Sent: Tuesday, June 25, 2024 5:21 AM
To: Oswald Jr, Woodin
Subject: Re: Perc Cert Plan_11915 Simpson Road

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

That would be great. Thank you Hank

On Mon, Jun 24, 2024, 3:00 PM Oswald Jr, Woodin <hoswald@howardcountymd.gov> wrote:

Hi Jim,

There were a couple of incorrect #s in the perc test result table on the perc cert plan for 11915 Simpson Road. With your permission, I would like to redline them and resubmit for signature. Please let me know if this is okay with you.

Thanks,

Hank

Hank Oswald

Licensed Environmental Health Specialist

Bureau of Environmental Health

Howard County Health Department

8930 Stanford Blvd. Columbia, MD 21045

(410) 313 - 1786

www.hchealth.org

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Oswald Jr, Woodin

From: Oswald Jr, Woodin
Sent: Tuesday, July 30, 2024 8:35 AM
To: 'jim@jnmengineeringllc.com'
Subject: Perc Cert Plan Review Comments_11915 SW Simpson Road

Hi Jim,

The perc cert plan for **11915 SW Simpson Road** has been reviewed with the following comments:

1. Add proposed house site (55' x 70').
2. Add proposed driveway.
3. Add note, the existing well Tag # HO-94-2715 has been field located and is accurately shown.
4. Correct Perc Test Result Chart: 8A should be 22 min, 8B should be 6 min, 8C should be 4 min, and 8D is a pass.
5. Since we already have a signed perc cert plan showing the alternate well sites, the purpose statement should be more specific to this revision i.e. revising the sewage disposal area to fit a single family dwelling.
6. Add address label to this lot and neighboring lot shown on plan.

Should you have any questions, please don't hesitate to ask.

Regards,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Bureau of Environmental Health
Howard County Health Department
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Oswald Jr, Woodin

From: Oswald Jr, Woodin
Sent: Monday, June 17, 2024 11:43 AM
To: 'jim@jnmengineeringllc.com'
Subject: Perc Cert Plan_11915 Simpson Road

Hi Jim,

The perc cert plan for 11915 Simpson Road has been reviewed with the following comments:

1. Please address previous comment #1. Relabel area "Proposed Sewage Disposal Area".
2. Match legend symbol for ***passed perc test*** with symbols used on plan.
3. Scale appears to be 1:20 not 1:30 as written in two locations on the plan.
4. Add elevation # next to each perc test hole.
5. Be more specific with purpose statement. For example, you could add "for a proposed single family dwelling" at the end of the statement.

Please let me know if you have any questions.

Thanks,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Bureau of Environmental Health
Howard County Health Department
8930 Stanford Blvd. Columbia, MD 21045
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Oswald Jr, Woodin

From: Oswald Jr, Woodin
Sent: Tuesday, June 11, 2024 8:08 AM
To: 'jim@jnmengineeringllc.com'
Subject: Perc Perc Plan Review Comments_11915 Simpson Road

Hi Jim,

The perc cert plan for 11915 Simpson Road has been reviewed with the following comments:

1. Relabel area to Proposed Sewage Disposal Area.
2. Delete legend symbols not used on plan i.e. steep slopes, failed test holes etc.
3. Add proposed (55' x 70') house site.
4. Add proposed driveway.

Should you have any questions, please don't hesitate to ask.

Regards,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Bureau of Environmental Health
Howard County Health Department
8930 Stanford Blvd. Columbia, MD 21045
(410) 313 - 1786
www.hchealth.org

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HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

January 21, 2000

Thomas A. & Sharon F. Stanton
11961 Simpson Road
Clarksville, Maryland 21029

RE: Percolation test results
Purpose: Subdivision
Property ID: Cherry Brae Lots 4-8
Tax Map 41, Parcel 198
Simpson Road

Dear Mr. & Mrs. Stanton,

Percolation testing conducted Friday, December 3, 1999, on the above referenced property indicated satisfactory soil conditions. Actual test hole locations were offset somewhat from their original staked location on lot 5 due to the presence of a well on the neighboring property and on lot 8 due to a broad swale with suspected seasonally high water tables near test holes 8A and 8D.

Copies of the percolation test results are enclosed.

A registered engineer should submit a Percolation Certification Plan showing the following information to this office at this time:

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

Please be advised that each lot should include adequate area to develop the initial potable water well and sufficient area to develop a replacement well. While no minimum square footage is currently suggested, room for three well sites spaced at least 50 feet apart is recommended. The plan should include a comment that wells for all lots must be drilled and tested for yield prior to record plat submittal for signature. All wells within 150 ft of each other shall require simultaneous yield testing.

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,

Ronald J. Pinkley, R.S.
Water and Sewerage Program

Enclosures
cc:File
LDE

APPLICATION

PERCOLATION TESTING

A 512784A

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT 5TH

DATE 10.22.99

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 Thomas A. & Sharon F. Stanton

ADDRESS 11961 Simpson Rd, Clarksville, MD 21029 PHONE (301) 490-7627

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

DIVISION Cherry Brae LOT NO. # 5

ROAD AND DESCRIPTION Simpson Rd

TAX MAP 41 PARCEL # 198

SIZE OF LOT 1 acre (46,375 s.f.) TYPE BLDG. SFD
(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 _____

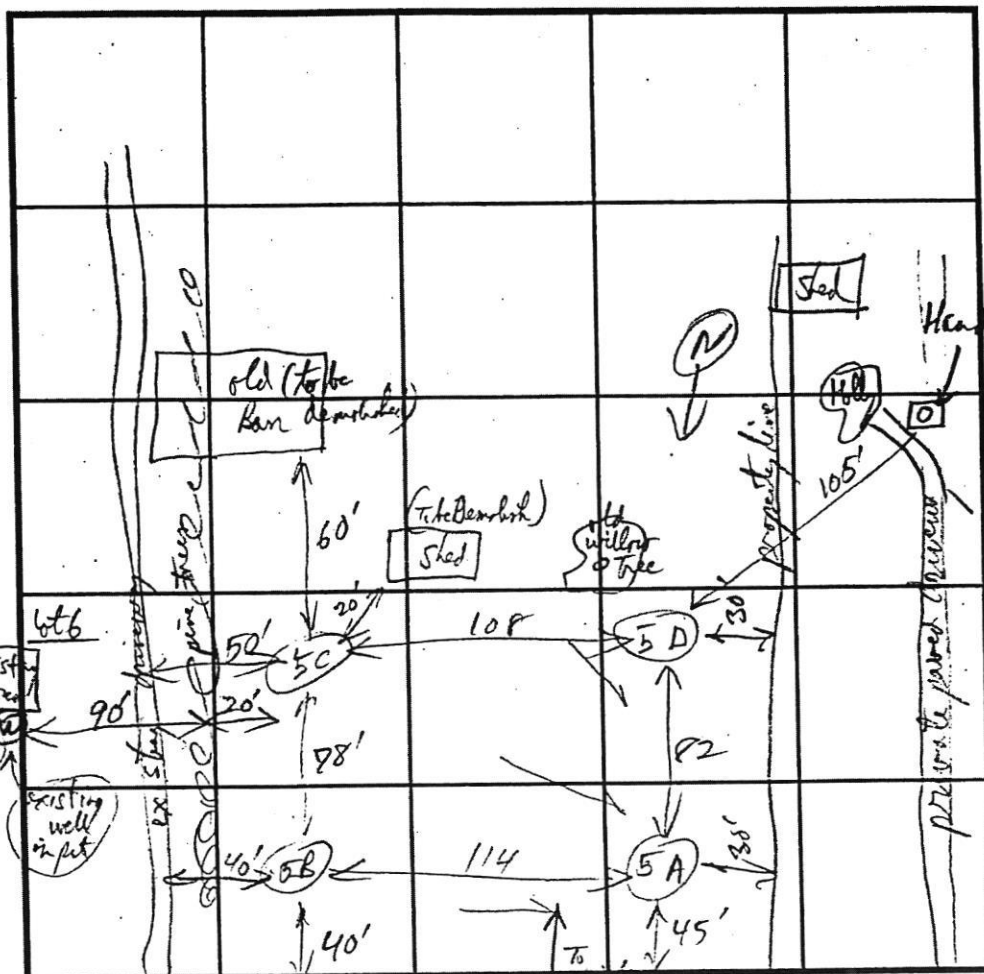
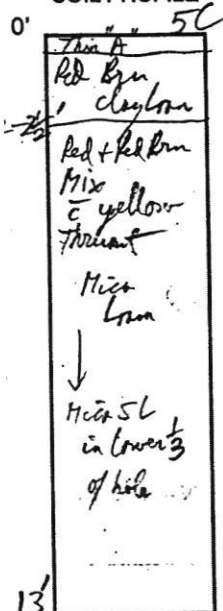
THIS IS NOT A PERMIT

A5/2884 A

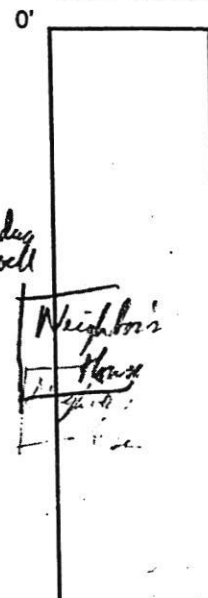
COUNTY #

Cherry Lane 4th 5

SOIL PROFILE



SOIL PROFILE



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

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/3/99	5C	3 1/2'	12:58:30	1:02:00	1:02:00	1:06:30	4 1/2 mpi
		✓ 13' 7'	12:59:00	1:06:26	1:06:26	1:18:30	12 mpi
	5D	✓ 13' 4'	1:06:20	1:13:00	1:13:00	1:25	22 min
	5A	✓ 13'	1:08:30	1:13:00	1:13:00	1:17:30	4 1/2 mpi
	5B	✓ 13'	Visual only (same as 5A)				est 5 mpi

REMARKS

TYPE OF SOIL

Chert

TESTED BY

R. W. K. K.

ALSO PRESENT

K & K

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

9

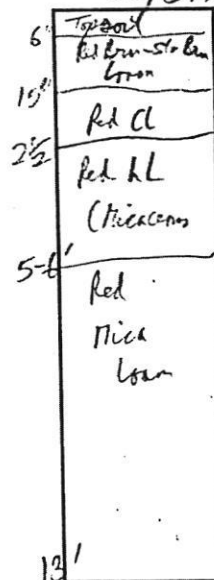
TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

5B, 5A



APPLICATION

PERCOLATION TESTING

A 512784B

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT 5TH

DATE 10.22.99

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 Thomas W. & Sharon F. Stanton

ADDRESS 11961 Simpson Rd, Clarksville, MD, 21029 PHONE (301) 490-7627

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

DIVISION Cherry Brae LOT NO. #7

ROAD AND DESCRIPTION Simpson Rd

TAX MAP 41 PARCEL # 198

SIZE OF LOT 1 acre (44,932 s.f.) TYPE BLDG. SFD
(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 W. 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

COUNTY #

Cherry Brae lot 7

SOIL PROFILE

7C, 7D

Red Brn
Hica
Lyon

7A, 7B

Sim. 3 Brn
yell Brn - Red
CL

Red
Mica
Lamin

SOIL PROFILE

0

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/3/99	7A High	1' 3 1/2	12:03:00	12:04:50	12:06:50	12:06:50	2 min
		V13 7'	12:03:30	12:04:50	12:06:50	12:06:50	2 min
	7C Mid	V13 4'	12:15:30	12:18	12:18	12:20:00	2 min
	7B (low)	V13 4 1/2	12:25:00	12:34	12:34	12:53:00	20 min
	7A ^{mid} High	V13	Visually	Rt + Yell / Ben CL	4' 5" to 5'		0.5 min

REMARKS

TYPE OF SOIL

TESTED BY

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

INLET DEPTH

MAXIMUM BOTTOM DEPTH

ALSO PRESENT

TRENCH WIDTH

SQ. FT./BEDROOM

APPLICATION

PERCOLATION TESTING

A 512-784c

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT 5TH

DATE 10.22.99

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Thomas A. & Sharon F. Stanton 410-792-9442

ADDRESS 11961 Simpson Rd, Clarksville, MD. PHONE (301) 490-7627
21029

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

DIVISION Cherry Brae LOT NO. #8

ROAD AND DESCRIPTION Simpson Rd

TAX MAP 41 PARCEL # 198

SIZE OF LOT 1 acre (49,942 s.f.) TYPE BLDG. SFD
(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)

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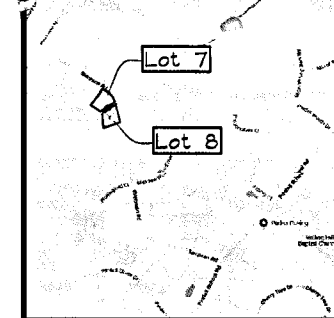
PROPERTY IS ZONED RR-0EO.
PROPERTY BOUNDARY SHOWN IS BASED ON CURRENT PLAT AND A SURVEY CONDUCTED BY JNM ENGINEERING, LLC DATE APRIL, 2024.
EXISTING TOPOGRAPHY SHOWN IS BASED ON REFERENCE LOT 4779, 4803 & 4804 OFFSITE TOPOGRAPHY ON SITE IS BASED ON A FIELD RUN SURVEY CONDUCTED BY JNM ENGINEERING IN APRIL, 2024. OFFSITE TOPOGRAPHY IS BASED ON A FIELD RUN SURVEY CONDUCTED BY JNM ENGINEERING IN APRIL, 2024.
ADJACENT TO THE SEPTIC AREA IS NOT PERMITTED WITHOUT ADDITIONAL TYPING.
POINTS SHOWN ON THIS PLAN ARE FROM THE USDA WEB SOIL SURVEY, 1986. THESE POINTS DO NOT REPRESENT REALITY.
LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND AREA REQUIREMENTS OF THE RELEVANT STATE DEPARTMENT OF THE ENVIRONMENT.
EXISTING WELLS AND SEWERAGE DISPOSAL AREAS AND COMPONENTS WITHIN 10 FEET OF THE PROPERTY BOUNDARIES AND ALL EXISTING/PROPOSED WELLS OR PUMP GRABBERS SHALL BE REMOVED AND SEPTIC SYSTEMS HAVE BEEN DESIGNED FROM THE BEST AVAILABLE INFORMATION.
LOT WAS CREATED BY PLAT #14485 DATED OCTOBER 26, 2000
APPROVED OSCEA PLAN WILL BE REQUIRED PRIOR TO BUILDING PERMIT APPLICATION.
TANK AND PUMP CHAMBERS COVER DEPTHS SHALL NOT EXCEED 3-FEET UNLESS DESIGNED AND APPROVED NOTING A TRAFFIC BEARING LID.
CHANGE TO THE LOCATIONS OR DEPTHS TO ANY EXISTING/PROPOSED MUST BE REVIEWED BY THE ENGINEER AND COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED PLAN MAY BE REQUIRED.

	EX. PROP. LINE
	EX. FENCE
	PROP. DRIVEWAY
	APPROVED SEWAGE DISPOSAL AREA
	SOIL BOUNDARY
	EX. 2' CONTOUR
	EX. 10' CONTOUR
	WELL (EX. OR PROP.)
	BUILDING RESTRICTION LINE
	FAILED PERC TEST
	PASSED PERC TEST
	EX STEEP SLOPES

EX. SINGLE FAMILY
DETACHED DWELLING
LOT 6, DEED 19109/130
11945 SIMPSON ROAD
CLARKSVILLE, MD 21029

EX. SINGLE FAMILY
DETACHED DWELLING
PARCEL A, DEED 4770/303
11925 SIMPSON ROAD
CLARKSVILLE, MD 21029

5/7/24
email attachment



VICINITY MAP

PROJECT	222-0812	DATE	03/23
ILLUSTRATION	JWW	ENGINEERING	NA
SCALE	1"=30'	APPROVAL	JWW

[illegible]

11935 SW SIMPSON ROAD

TAX MAP 41, LOT 7, PLAT 14485, 1.12 ACRES
ELECT. DIST. 5, HOWARD COUNTY, MARYLAND

ONSITE SEWAGE DISPOSAL DESIGN PLAN



Percolation Test Results

[illegible]

11935 SW SIMPSON ROAD
CLARKSVILLE, MD 21029
LOT 7, PLAT 14485, MAP 41
D 7, 1.12 ACRES, ACCT#05-434351
ONSITE SEWAGE DISPOSAL
SYSTEM DESIGN PLAN

OWNER/DEVELOPER
WILLIAMSBURG HOMES
ATTN: BRUCE HARVEY
5485 HARPERS FARM ROAD
COLUMBIA, MD 21044
410-997-8800

INM ENGINEERING, LLC

JNM ENGINEERING, LLC
CIVIL ENGINEERING, SURVEYING, LAND PLANNING,
ENVIRONMENTAL, ARBORICULTURE, LEED PROFESSIONALS
1105 LEAFY HOLLOW CIRCLE, MOUNT AIRY, MD 21771
(301) 514-2008. JNTEngineeringLLC.COM



1 OF



HOWARD COUNTY HEALTH DEPARTMENT

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

March 3, 1999

Mr. Tom Stanton
8448 Jandy Avenue
Laurel, Maryland 20723

RE: Percolation Test Date
Application Number: 511437
Proposed Use: Subdivision
Property ID: Cherry Brae, Lot 4
Proposed Lots 5 and 6
11961 Simpson Road

Dear Mr. Stanton:

Percolation testing has been scheduled for the above referenced property for 10:00 a.m., Tuesday, March 30, 1999.

Due to both water table concerns on the property and an uncertain timetable for wet season 1999, the percolation testing scheduled for March 30, 1999, may not be conclusive. If you wish, you may request that a new test date be scheduled for the property once the wet season has been determined.

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

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

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 in advance for your cooperation in this matter.

Very truly yours,

Donna Kim Soe, R.S.

Water and Sewerage Program

DKS

cc: file

Bureau of Environmental Health

3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544

Water and Sewerage Program (410) 313-2640 Community Environmental Health Program (410) 313-2644

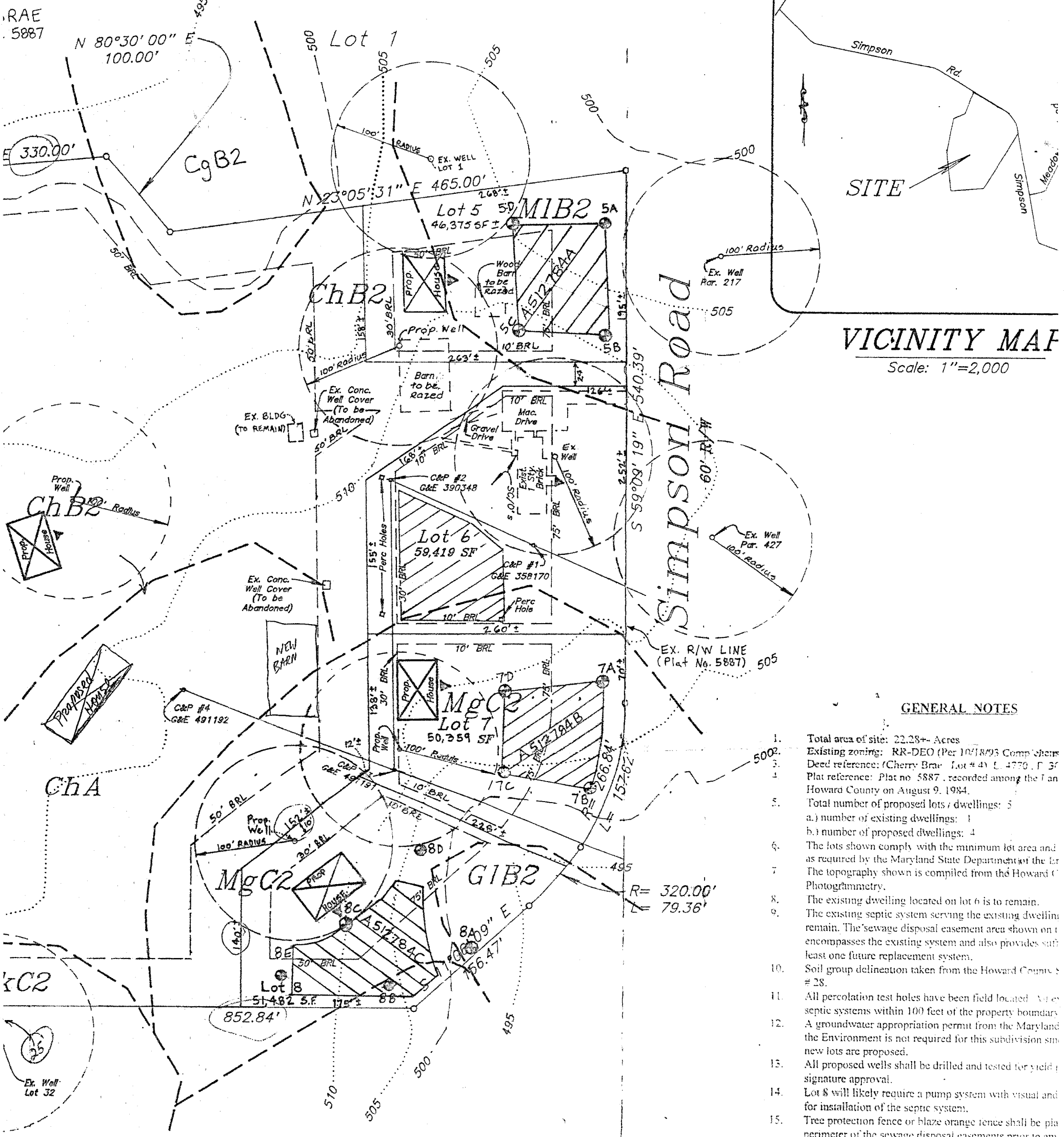
Food Protection Program (410) 313-2642 TDD (410) 313-2323 FAX (410) 313-2648

Handwritten notes:
3/17/99 - Spoke to Mr. Bret Nixon - most things applied must be done annually due to losing their potency.
(4/21/99) - At Landfill a hazy disposal site but not sure when can take to them - ok w/ site.
- Get info off containers & then research
- He will file & advise me.
3/11/99 - message of acceptance w/ 200 Water and Sewerage Program
called & left message of acceptance w/ 200 Water and Sewerage Program
of date, can speak to Mr. Nixon 3/13/99
Spoke to Amy - 100+ Ft & not up hill for another well
Downstairs same rdg.

1984 Asia

Tom Stanton asking
about 11935? 11915





VICINITY MAP
Scale: 1"=2,000

GENERAL NOTES

- 1. Total area of site: 22.28+/- Acres
- 2. Existing zoning: RR-DEO (Per 10/18/93 Comp Ord)
- 3. Deed reference: (Cherry Brn Lot #4) L. 4770, P. 37
- 4. Plat reference: Plat no. 5887, recorded among the Jan Howard County on August 9, 1984.
- 5. Total number of proposed lots / dwellings: 5
 - a.) number of existing dwellings: 1
 - b.) number of proposed dwellings: 4
- 6. The lots shown comply with the minimum lot area and as required by the Maryland State Department of the Env.
- 7. The topography shown is compiled from the Howard Co Photogrammetry.
- 8. The existing dwelling located on lot 6 is to remain.
- 9. The existing septic system serving the existing dwelling remain. The sewage disposal easement area shown on t encompasses the existing system and also provides suffi least one future replacement system.
- 10. Soil group delineation taken from the Howard County # 28.
- 11. All percolation test holes have been field located. No ex septic systems within 100 feet of the property boundary.
- 12. A groundwater appropriation permit from the Maryland the Environment is not required for this subdivision sin new lots are proposed.
- 13. All proposed wells shall be drilled and tested for yield signature approval.
- 14. Lot 8 will likely require a pump system with visual and for installation of the septic system.
- 15. Tree protection fence or blaze orange fence shall be pla perimeter of the sewage disposal easements prior to any road or lot improvements to insure that placement of the easement will not occur.
- 16. In accordance with Section 105.E.1 C of the Howard Co Regulations. The Health Department recommends the le and 8 to be increased beyond the 50,000 square foot mi

SOILS LEGEND

MAP SYMBOL	NAME	SLOPE / CHARACTERISTICS
Ba	Baile Silt Loam	
GnA	Glenville Silt Loam	0-3% Slopes
GIB2	Glenelg 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
MIB2	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
1961 SIMPSON ROAD,
CLARKSVILLE, MD 21029

Revised
Percolation Plat

Resubdivision of Cherry

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
Columbia, Maryland 2104



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

November 4, 1999

Thomas A. and Sharon F. Stanton
11961 Simpson Road
Clarksville, Maryland

RE: Percolation Testing
(A Resubdivision of Lot 4)
Cherry Brae, Lots 4-8
Tax Map 41, Parcel 198
Simpson Road

Dear Mr. and Mrs. Stanton:

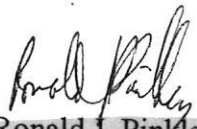
A percolation test date has been reserved for Friday, December 3, 1999, at 10:00 a.m.

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

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,


Ronald J. Pinkley, R.S.
Water and Sewerage Program

RJP:mlb
cc: L.D.E., Inc.
File

11/10 spoke to Mary Lou
Confirmed test date.



HOWARD COUNTY HEALTH DEPARTMENT

Mary Sue Baker, MBA, Acting County Health Officer

April 6, 1999

Name: Mr. Thomas A. Stanton
Address: 8448 Jandy Avenue
Laurel, Maryland 20723

RE: PERCOLATION TEST RESULTS
APPLICATION #(s) 511437, ABC
PROPOSED USE: Subdivision
PROPERTY ID: Cherry Brae, Lot 4
Proposed Lots 5 & 6
11961 Simpson Road
Tax Map 41 Parcel 198

Dear Mr. Stanton:

Percolation testing conducted March 30, 1999, on the above referenced property indicated satisfactory soil conditions. 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. 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.

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 313-2640.

Very truly yours,

Ronald J. Pinkley, R. S.
Water and Sewerage Program

RJP:mlb
Enclosures
cc: File



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

January 21, 2000

Thomas A. & Sharon F. Stanton
11961 Simpson Road
Clarksville, Maryland 21029

RE: Percolation test results
Purpose: Subdivision
Property ID: Cherry Brae Lots 4-8
Tax Map 41, Parcel 198
Simpson Road

Dear Mr. & Mrs. Stanton,

Percolation testing conducted Friday, December 3, 1999, on the above referenced property indicated satisfactory soil conditions. Actual test hole locations were offset somewhat from their original staked location on lot 5 due to the presence of a well on the neighboring property and on lot 8 due to a broad swale with suspected seasonally high water tables near test holes 8A and 8D.

Copies of the percolation test results are enclosed.

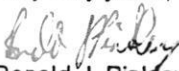
A registered engineer should submit a Percolation Certification Plan showing the following information to this office at this time:

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

Please be advised that each lot should include adequate area to develop the initial potable water well and sufficient area to develop a replacement well. While no minimum square footage is currently suggested, room for three well sites spaced at least 50 feet apart is recommended. The plan should include a comment that wells for all lots must be drilled and tested for yield prior to record plat submittal for signature. All wells within 150 ft of each other shall require simultaneous yield testing.

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,


Ronald J. Pinkley, R.S.
Water and Sewerage Program

Enclosures

cc:File

LDE

APPLICATION

PERCOLATION TESTING

A 512784A

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT 5TH

DATE 10.22.99

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 Thomas A. & Sharon F. Stanton

ADDRESS 11961 Simpson Rd, Clarksville, MD 21029 PHONE (301) 490-7627

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

DIVISION Cherry Brae LOT NO. # 5

ROAD AND DESCRIPTION Simpson Rd

TAX MAP 41 PARCEL # 198

SIZE OF LOT 1 acre (46,375 s.f.) TYPE BLDG. SFD
(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

A512884 A

COUNTY #

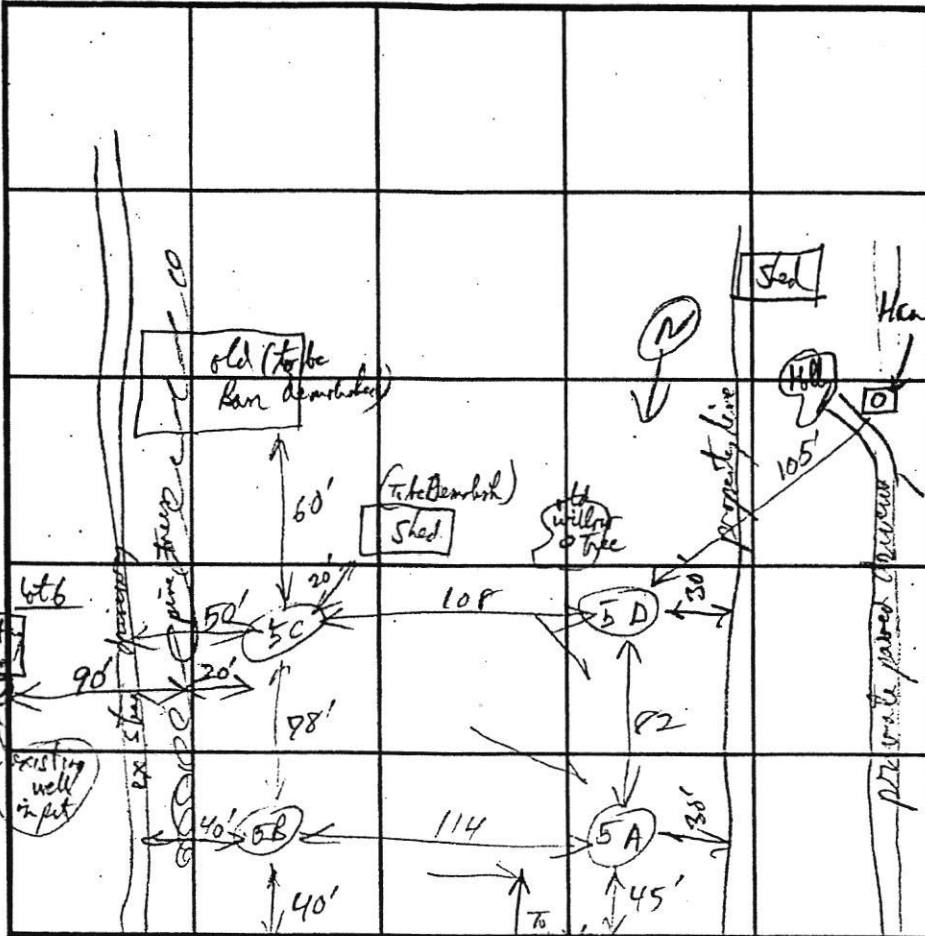
Cherry Lane lot 5

SOIL PROFILE

0' 5C
Thin A
Red Bm
1 clayton
2 1/2 Red + Red Bm
Mix
c yellow
Thrust
High
Loam
↓
High SL
in lower 1/3
of hole
13'

(South) 5D North
6" This top soil
Red Bm CL
2' Red HL
2' Red HL
4' Red HL
4' Red HL
6' Red HL
13'

5B, 5A
6" Top soil
Red Bm - Silty
Loam
15' Red CL
2 1/2 Red HL
(Micaeons)
5-6' Red
Mica
Loam
13'



SOIL PROFILE

0' Neighbor's House
1' 1/2' 1/2' 1/2'

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

↓ well (No Gap)

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/13/99	5C	3 1/2'	12:58:30	1:02:00	1:02:00	1:06:30	4 1/2 mps
		✓ 13' 7'	12:59:00	1:06:26	1:06:26	1:18:30	12 mps
	5D	✓ 13' 4'	1:06:20	1:13:00	1:13:00	1:25	22 min
	5A	✓ 13'	1:08:30	1:13:00	1:13:00	1:17:30	4 1/2 mps
	5B	✓ 13'	Visual only (same as 5A)				est 5 mps

REMARKS

TYPE OF SOIL ChertTESTED BY R. W. W. W.ALSO PRESENT K+K

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

9

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

APPLICATION

PERCOLATION TESTING

A 512784B

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT 5TH

DATE 10.22.99

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 Thomas A. & Sharon F. Stanton

ADDRESS 11961 Simpson Rd, Clarksville, MD, 21029 PHONE (301) 490-7627

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____

PHONE _____

PROPERTY LOCATION:

DIVISION Cherry Brae

LOT NO. #7

ROAD AND DESCRIPTION Simpson Rd

TAX MAP 41 PARCEL # 198

SIZE OF LOT 1 acre (49,932 s.f.)

TYPE BLDG. SFD

(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

Cherry Brac lot

7C, 7D

SOIL PROFILE

0

6571

Red Barn
Hills
Linn.

7A. 7B

Singh Brn
yellow - Red
CL

Red
Mica
Lamin

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

okla.

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

PERCOLATION TESTING

A 512-784 c

P _____

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

DISTRICT 5TH

DATE 10.22.99

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 Thomas A. & Sharon F. Stanton 82 410-792-9442

ADDRESS 11961 Simpson Rd, Clarksville, MD. PHONE (301) 490-7627
21029

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

DIVISION Cherry Brae LOT NO. #8

ROAD AND DESCRIPTION Simpson Rd

TAX MAP 41 PARCEL # 198

SIZE OF LOT 1 acre (49,442 s.f.) TYPE BLDG. SFD
(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

A 512 584C Cherry Brook lot 8

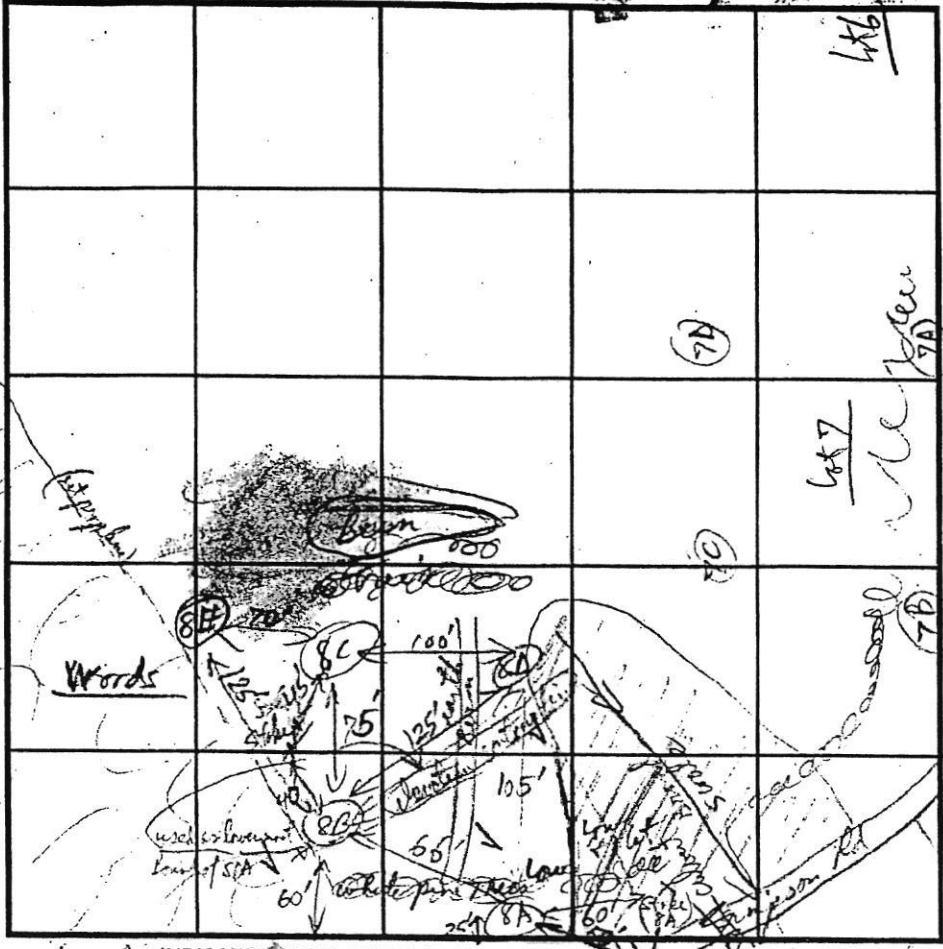
COUNTY #

SOIL PROFILE

0' (1) 64 S
 1' 5" 64 S
 1' 8" 64 S
 3 1/2' 64 S
 4' 64 S
 13' 64 S

6" 64 S
 1 1/2' 64 S
 3 1/2' 64 S
 4' 64 S
 13' 64 S

(North) 8D (Sath)
 6" 64 S
 3' 64 S
 5' 64 S
 13 1/2' 64 S



SOIL PROFILE

0' 7D
 1' 7D
 3 1/2' 7D
 4' 7D
 13' 7D

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/3/99	HL 8A	Not dug	where field (insure)	Mixed	60 ft	Field East	
Not visible (due to contours)	New 8A	V13 5'	1:34:00	2:00		2:17	22 ft
	8B	V13 4 1/2'	1:38:00	1:41:00	1:41:00	1:47:00	6 min
	8C	V 4'	1:49:00	1:51:00	1:51:00	1:55:00	4 min
		V13 7'	1:45:00	1:50:00	1:50:00	1:57	7 min
	(Closest limit to swale allowable) → 8D	V1 1/2'	Visual only				
	8E	V13 4'	2:23:00	Mixed		2:33	5 min

REMARKS use 8D-8B as lowest limit of SDA -

TYPE OF SOIL CA

TESTED BY R. H. H. ALSO PRESENT R. H. H.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

GENERAL NOTES

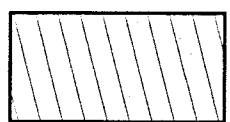
- THIS PROPERTY IS ZONED RR-DEO.
- THE PROPERTY BOUNDARY SHOWN IS BASED ON EXISTING PLAT OF RECORD.
- DEED REFERENCE: LIBER 4770 FOLIO 303, PLAT RECORD 14485.
- THE EXISTING TOPOGRAPHY IS BASED ON FIELD RUN SURVEY CONDUCTED BY JNM ENGINEERING AND HOWARD COUNTY GIS.
- ANY CHANGE TO THE SEWERAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- SOIL TYPES SHOWN ON THIS PLAN ARE FROM THE USDA WEB SOIL SURVEY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL EXISTING WELLS AND SEWERAGE DISPOSAL AREAS AND COMPONENTS WITHIN 100-FEET OF THE PROPERTY BOUNDARIES AND ALL EXISTING/PROPOSED WELLS 200' DOWN GRADIENT FROM EXISTING OR PROPOSED SEPTIC SYSTEMS HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
- ALL BUILDING SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- EX WELL (TAG# HO-94-2715) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

11) An approved onsite sewage disposal system plan will be required prior to building permit approval.

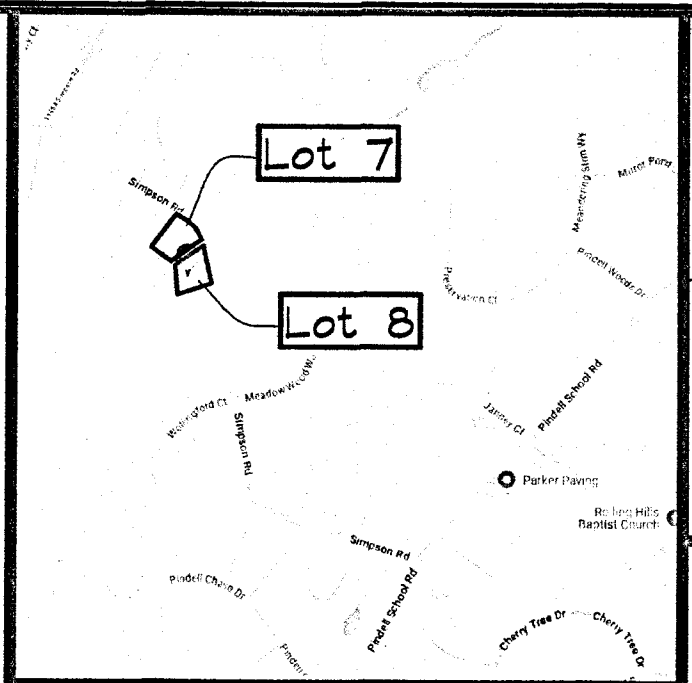
ZONING DATA
ZONING: RR-DEO
MIN. LOT AREA = 130,680 SQ FT (3 AC.)
MIN. LOT WIDTH AT R/W = 200 FT
MIN. LOT WIDTH AT B.R.L. = 200 FT
FRONT B.R.L. = 50 FT
REAR B.R.L. = 30 FT
SIDE B.R.L. = 10 FT

LEGEND

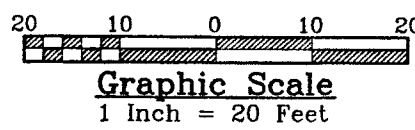
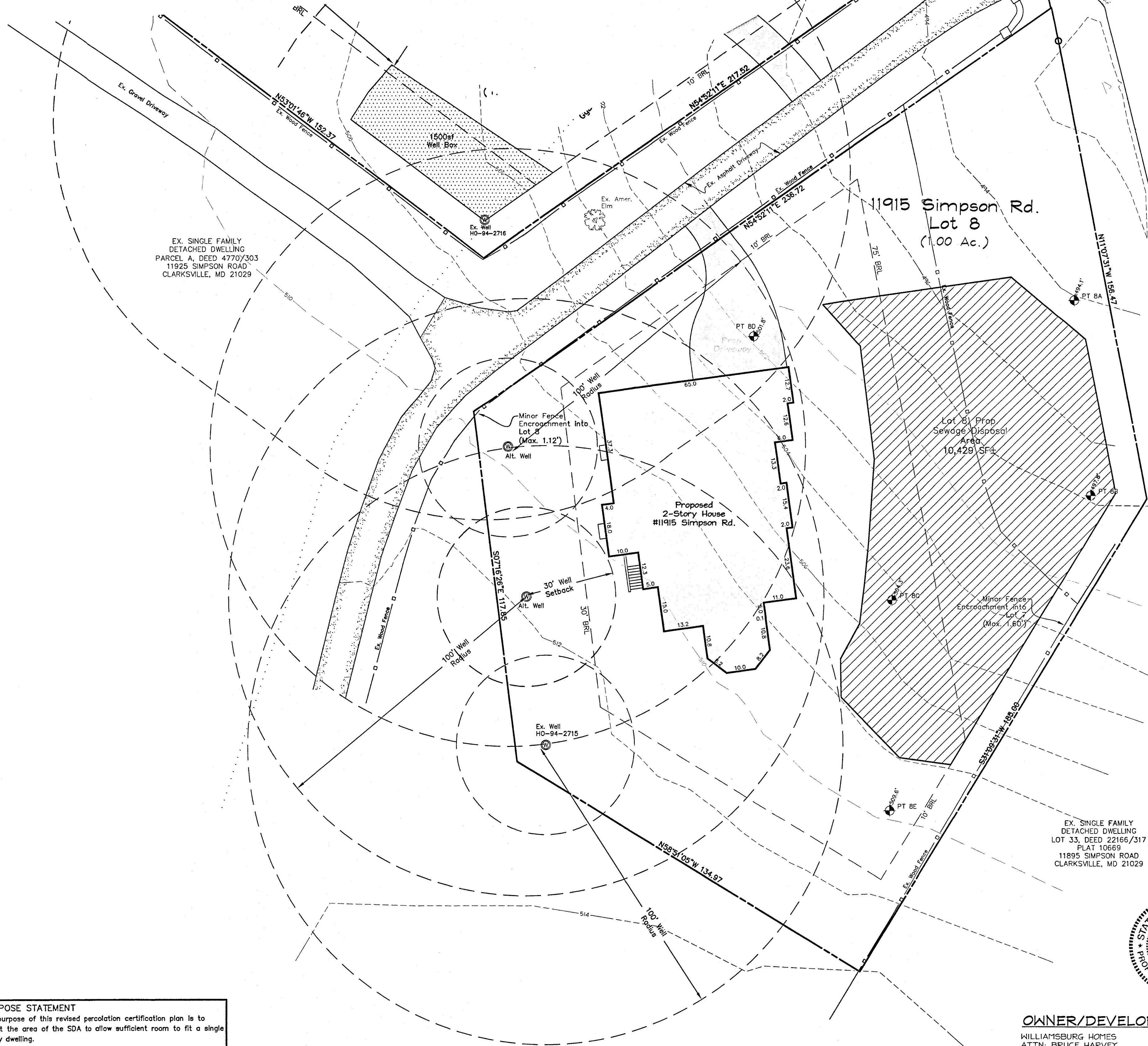
	EX. PROP. LINE
	EX. FENCE
	PROP. DRIVEWAY
	APPROVED SEWAGE DISPOSAL AREA
	SOIL BOUNDARY
	EX. 2' CONTOUR
	EX. 10' CONTOUR
	WELL (EX. OR PROP.)
	BUILDING RESTRICTION LINE
	PASSED PERC TEST



THIS AREA DESIGNATES A PRIVATE SEWERAGE DISPOSAL AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE DISPOSAL AREA. RECORDATION OF A MODIFIED SEWERAGE DISPOSAL AREA SHALL NOT BE NECESSARY.



VICINITY MAP



SOILS DATA TABLE

SYMBOL	SOIL	HYDRIC	K-FACTOR	ERODIBLE	WET SEASON
GHE	Glenelg urban land comp., 0%-8%	NO	0.37	NO	NO
GGE	Glenelg Loam, 33%-8% Slopes	NO	0.24	NO	NO

SOILS INFORMATION TAKEN FROM USDA WEB SOIL SURVEY HERESITE
NOTE: HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 18% OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR (% ERODIBILITY) GREATER THAN 0.35 WITH A SLOPE GREATER THAN 5 PERCENT.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

COUNTY HEALTH OFFICER: uc. DATE: 7/3/24

PERCOLATION CERTIFICATION:
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

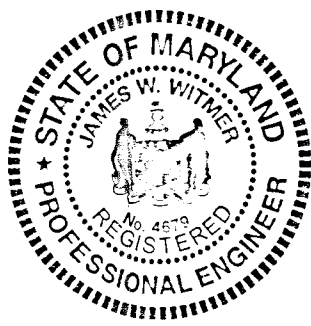
JAMES W. WITHER
PROFESSIONAL LAND SURVEYOR, MD REG. NO. 21931
DATE: 5/22/14

PURPOSE STATEMENT

The purpose of this revised percolation certification plan is to adjust the area of the SDA to allow sufficient room to fit a single family dwelling.

OWNER/DEVELOPER:

WILLIAMSBURG HOMES
ATTN: BRUCE HARVEY
5405 HARPERS FARM ROAD
COLUMBIA, MD 21044
410-997-8800



11915 SW SIMPSON ROAD
CLARKSVILLE, MD 21029
LOT 8, PLAT 14485, MAP 41
GRID 7, 1.00 ACRES, ACCT#05-434408
REVISED PERCOLATION
CERTIFICATION PLAN

11915 SW SIMPSON ROAD

TAX MAP 41, LOT 8 PLAT 14485, 1.00 ACRES
ELECT. DIST. 5, HOWARD COUNTY, MARYLAND

REVISED PERC. CERT. PLAN

JNM ENGINEERING, LLC

CIVIL ENGINEERING, SURVEYING, LAND PLANNING,
ENVIRONMENTAL, AGRICULTURE, LEAD PROFESSIONALS
1005 LEAFY HOLLOW CIRCLE, MOUNT AIRY, MD 21771
(301) 514-2808, JNTEENGINEERINGLLC.COM



GENERAL NOTES

- THIS PROPERTY IS ZONED RR-DEO.
- THE PROPERTY BOUNDARY SHOWN IS BASED ON EXISTING PLAT OF RECORD.
- DEED REFERENCE: LIBER 4770 FOLIO 303, PLAT RECORD 14485.
- THE EXISTING TOPOGRAPHY IS BASED ON FIELD RUN SURVEY CONDUCTED BY JNM ENGINEERING AND HOWARD COUNTY GS.
- ANY CHANGE TO THE SEWERAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- SOIL TYPES SHOWN ON THIS PLAN ARE FROM THE USDA WEB SOIL SURVEY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL EXISTING WELLS AND SEWERAGE DISPOSAL AREAS AND COMPONENTS WITHIN 100-FOOT OF THE PROPERTY BOUNDARIES AND ALL EXISTING/PROPOSED WELLS 200' DOWN GRADIENT FROM EXISTING OR PROPOSED SEPTIC SYSTEMS HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
- ALL BUILDING SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- EX WELL (TAG# HO-94-2715) HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

An approved on-site sewage disposal system plan will be required prior to building permit approval.

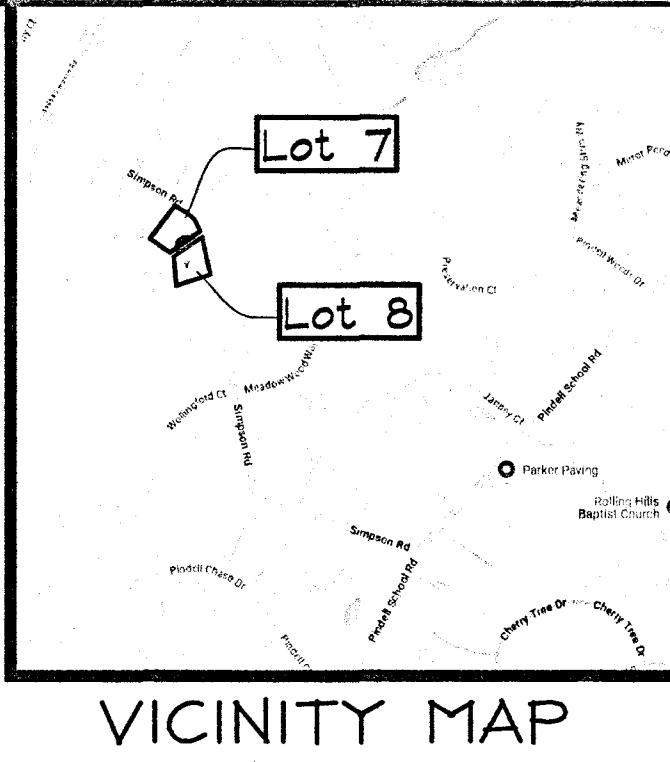
ZONING DATA

ZONING: RR-DEO
MIN. LOT AREA = 130,680 SQ. FT. (3 AC.)
MIN. LOT WIDTH AT R/W = 200 FT.
MIN. LOT WIDTH AT B.R.L. = 200 FT.
FRONT B.R.L. = 50 FT.
REAR B.R.L. = 30 FT.
SIDE B.R.L. = 10 FT.

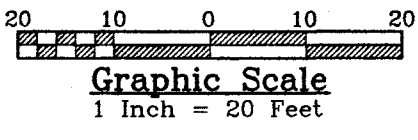
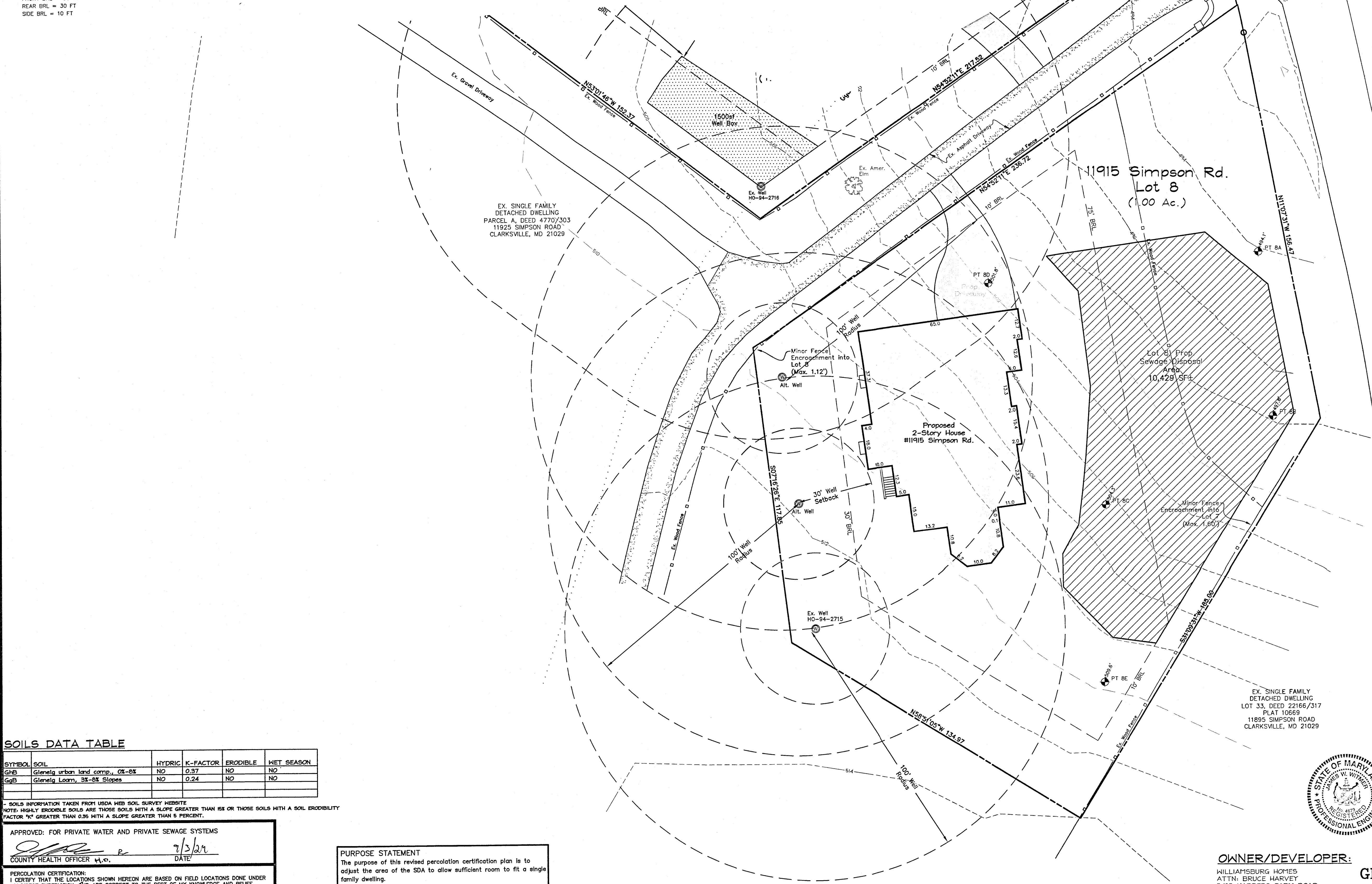
LEGEND

	EX. PROP. LINE
	EX. FENCE
	PROP. DRIVEWAY
	APPROVED SEWAGE DISPOSAL AREA
	SOIL BOUNDARY
	EX. 2' CONTOUR
	EX. 10' CONTOUR
	WELL (EX. OR PROP.)
	BUILDING RESTRICTION LINE
	PASSED PERC TEST

THIS AREA DESIGNATES A PRIVATE SEWERAGE DISPOSAL AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE DISPOSAL AREA. RECORDATION OF A MODIFIED SEWERAGE DISPOSAL AREA SHALL NOT BE NECESSARY.



DATE	03/23
PROJECT	22-0812
ENGINEERING	JWW
ILLUSTRATION	NA
SCALE	1"=20'
APPROVAL	JWW



SOILS DATA TABLE

SYMBOL	SOIL	HYDRIC	K-FACTOR	ERODIBLE	WET SEASON
GbS	Glenside urban land comp., 0%-8%	NO	0.37	NO	NO
GgB	Glenside Loom, 3%-8% Slopes	NO	0.24	NO	NO

SOILS INFORMATION TAKEN FROM USDA WEB SOIL SURVEY WEBSITE
NOTE: HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 1% OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR "K" GREATER THAN 0.35 WITH A SLOPE GREATER THAN 5 PERCENT.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS
COUNTY HEALTH OFFICER *[Signature]* DATE: 7/3/24

PERCOLATION CERTIFICATION:
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
JAMES W. WINTER
PROFESSIONAL LAND SURVEYOR, MD REG. NO. 21931
DATE: 8/13/24

PURPOSE STATEMENT
The purpose of this revised percolation certification plan is to adjust the area of the SDA to allow sufficient room to fit a single family dwelling.

Percolation Test Results

Test Site	Hole Depth	Test Depth (ft)	Rate (min./inch)	Results (Pass/Fail)
8A	13'	5.0'	22	PASS
8B	13'	4.5'	6	PASS
8C	13'	4.0'	4	PASS
8D	13.5'	VISUAL	VISUAL	PASS
8E	13'	4.0'	5	PASS



OWNER/DEVELOPER:
WILLIAMSBURG HOMES
ATTN: BRUCE HARVEY
5485 HARPERS FARM ROAD
COLUMBIA, MD 21044
410-997-8800

11915 SW SIMPSON ROAD
CLARKSVILLE, MD 21029
LOT 8, PLAT 14485, MAP 41
GRID 7, 1.00 ACRES, ACCT#05-434408
**REVISED PERCOLATION
CERTIFICATION PLAN**

11915 SW SIMPSON ROAD
TAX MAP 41, LOT 8 PLAT 14485, 1.10 ACRES
ELECT. DIST. 5, HOWARD COUNTY, MARYLAND
REVISED PERC. CERT. PLAN

JNM ENGINEERING, LLC
CIVIL ENGINEERING, SURVEYING, LAND PLANNING,
ENVIRONMENTAL, ARBORICULTURE, LEED PROFESSIONALS
1005 LEAFY HOLLOW CIRCLE, MOUNT AIRY, MD 21771
(301) 514-2808, JNMENGINEERINGLLC.COM

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