

Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia, MD 21046  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

December 28, 2006

John R. Salmons, SR  
3516 Marigold Dr  
Maryland 21770

RE: Auger Test Results  
5232 Ilex Way

Dear Mr. Salmons:

Auger testing conducted December 27, 2006 on the referenced property indicated satisfactory soil conditions consistent with the percolation tests conducted in 1978. Copies of the test results are enclosed.

Further review is contingent upon submission by of a percolation certification plan showing the following:

- Label the "proposed garage"
- Show the total area of the existing septic easement and the total area of the septic easement after the adjustments in square feet
- Clearly label the area of the septic easement to be removed and to be added
- Add a Health Officer signature block conditioned with the statement, "Approved for private water and private sewerage systems"
- Show topography on 2' contour intervals
- A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- Legend symbols to distinguish between existing holes previously documented (by the HCHD inspector) and new holes
- A note indicating that depicted topography reflects field-matched information
- A MDE sewage disposal area statement is required with appropriate shading to match that of the proposed Septic easement. The statement should read, "This area designates a private sewerage easement of at least 10,000 square feet as required by the Maryland State Department of the Environment for individual Sewerage disposal. Improvements of any nature in this area are restricted until public sewerage is Available. These easements 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 easement."
- A signed statement that "I certify that the information shown heron is based on field work performed by me or under my direct supervision, and is correct to the best of my knowledge and belief."
- Add the title, "Revised Percolation Certification Plan"

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1775.

Sincerely,

Ashley Trump  
Well and Septic Program  
Development Coordination Section

# 5232 ILUX Way

A/P

A

6" Brn L  
RDBrn  
FSL

24" RDBrn  
FSL  
micaeous

48" quartz  
gravel

B

6" Brn L  
RDBrn  
FSL

30" RDBrn  
FSL  
micaeous  
Saprolite

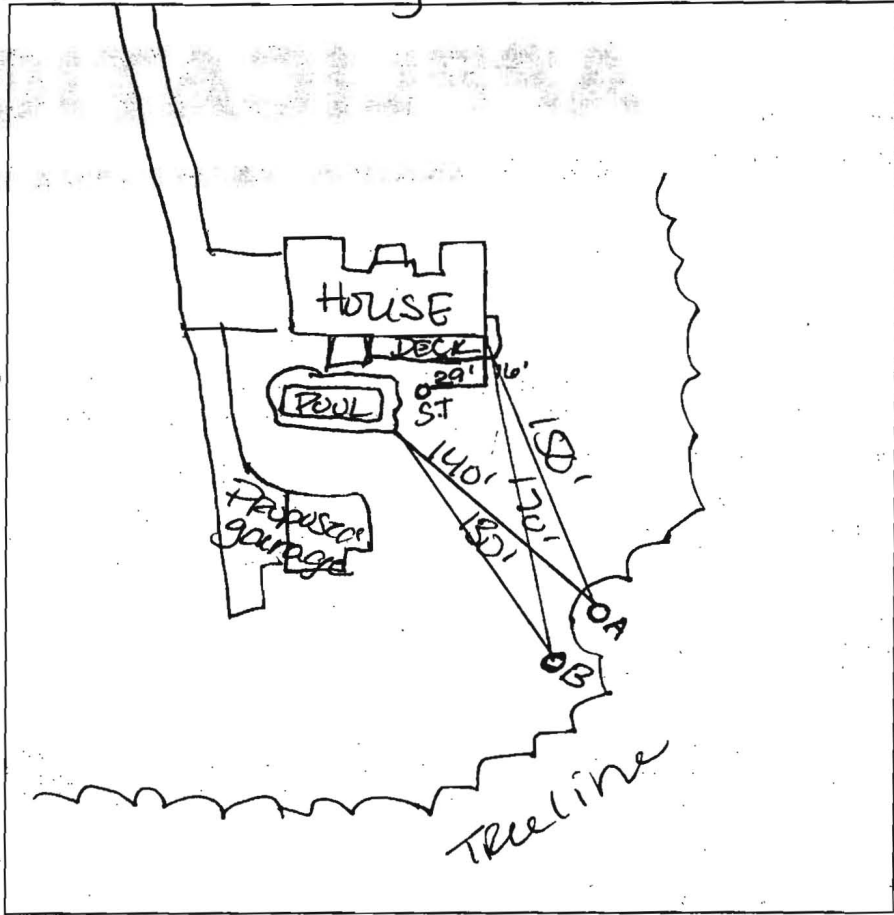
60" RDBrn  
st  
schist

78" quartz  
vein

LT Brn  
FSL

Saprolite  
Few schist  
channers

108" ↓



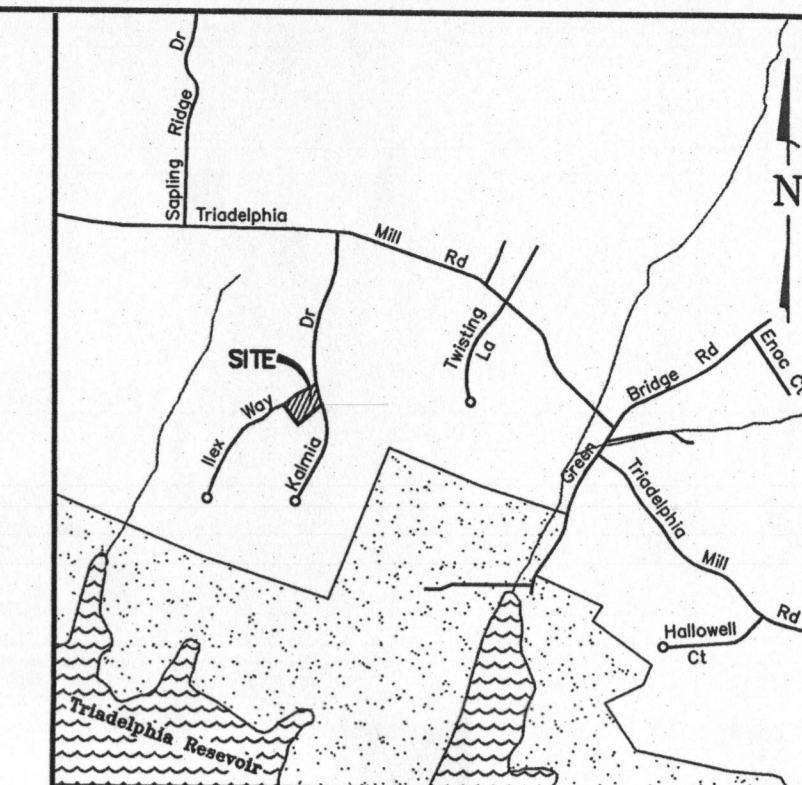
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/27/06			Auger Tests for				
			Building Permit.				
			need to adjust SDA to				
			accommodate location of garage (CT)				

REMARKS consistant w/ Percs done in Past

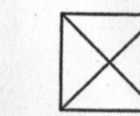
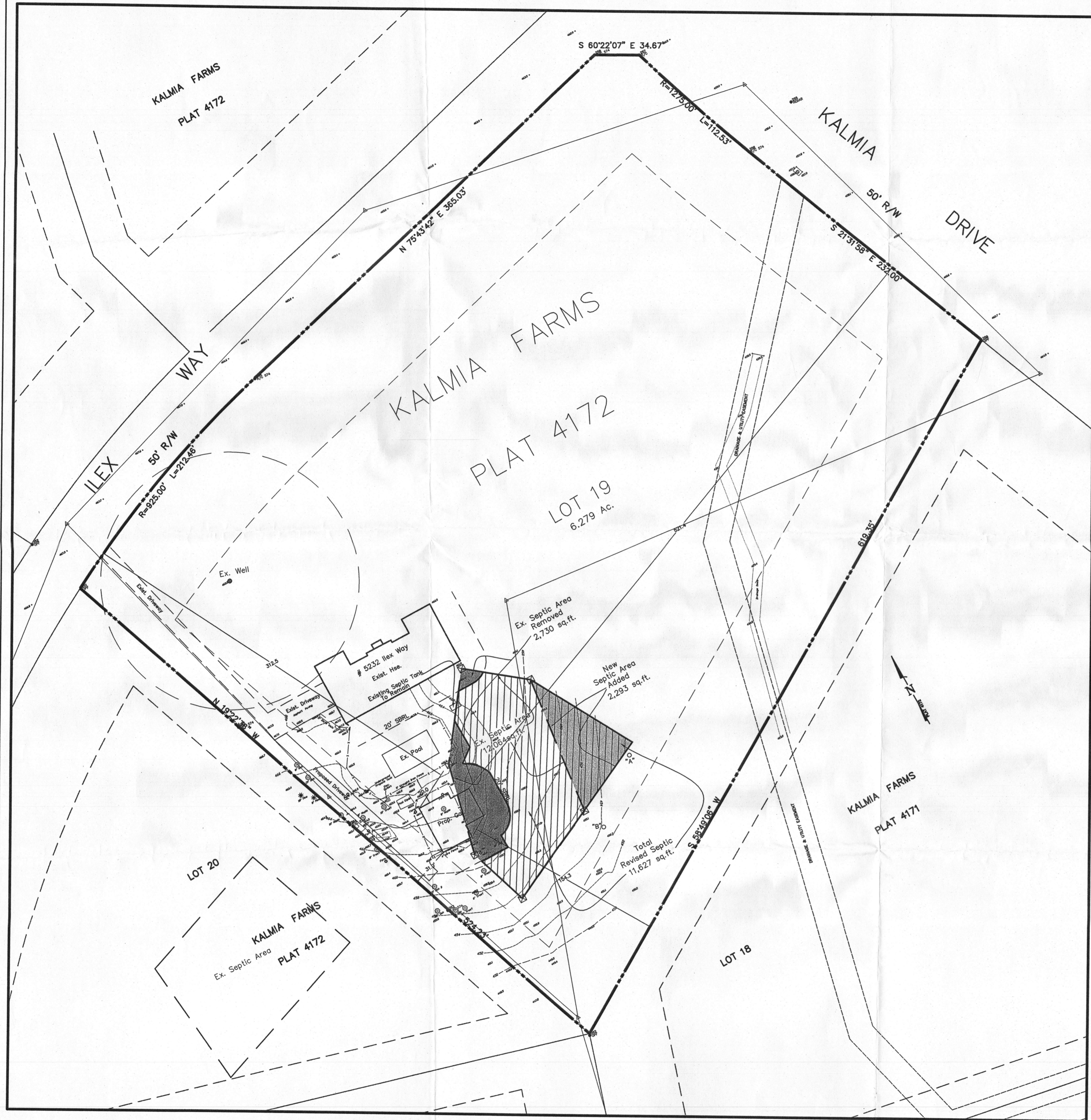
SANITARIAN CT/RB BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

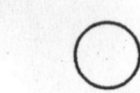
TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



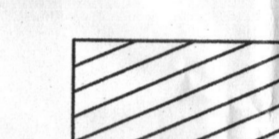
VICINITY MAP  
SCALE 1" = 2,000'



This symbol indicates test holes previously dug and their approximate location from Howard County, Health Department records.



This symbol indicates test holes dug on 12/27/06 and their approximate location from Howard County, Health Department records.



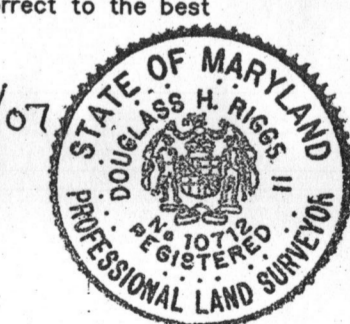
This area designates a private sewage easement of at least 10,000 square feet as required by the Maryland State Department of the Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This easement shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant adjustments to the private sewage easement. Recordation of a revised sewage easement shall not be necessary.

Notes

- All existing wells and sewerage easements within 100' of the property lines of have been shown from the best available information.
- Topography from surveys by this office dated February, 2007.
- "Any changes to a private sewage easement shall require a revised percolation certification plan."
- The lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland Department of the Environment.

"I certify that the information shown hereon is based on field work performed by me or under my direct supervision, and is correct to the best of my knowledge and belief."

*Douglas H. Riggs III* 3/13/07  
 Douglas H. Riggs III DATE  
 Professional Land Surveyor  
 Md. Reg. No. 10712



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPT.

*Robert J. Walker* 3/21/07  
 COUNTY HEALTH OFFICER AT DATE  
 RJD

Prepared For  
 Mr. John R. Salmons, Sr.  
 3516 Marigold Drive  
 Monrovia, Md. 21770  
 Phone: 301 831-6194  
 Fax: 301 865-4003

TAX MAP 27

Revised Percolation Certification Plan  
 SECTION 1 LOT 19  
**KALMIA FARMS**  
 PLAT 4172  
 FIFTH ELECTION DISTRICT - HOWARD COUNTY - MARYLAND

<b>MHG</b> Macris, Hendricks & Glascock, P.A. Engineers ■ Planners Landscape Architects ■ Surveyors 9220 Wightman Road, Suite 120 Montgomery Village, Maryland 20886-1279	Proj. Mgr. JCG	Designer MK
	Date 03-13-07	Scale 1"=40'
Phone 301.670.0840 Fax 301.948.0693 www.mhga.com	Project No. 07-111	Sheet 1 of 1

NO.	DATE	DESCRIPTION	BY

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