

225

# APPLICATION

## PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

Agent told Mr. Frank Skinner that need perc.  
cert. plan By 10/16/00

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Estate of Lorimar Davis

ADDRESS 1105 Marriottsville Road Marriottsville, MD PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER James Overhiser and Jen MacHammer

ADDRESS 4921 G Columbia Road Columbia, MD PHONE 410-740-1211

### PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Marriottsville Road, about 2 miles North of Route 99, 1105 Marriottsville Road, property on (R) side of Marriottsville Road.

TAX MAP 10 PARCEL # 5

SIZE OF LOT 4.08 4.12 acres (survey pending) 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. Jen MacHammer  
(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 \_\_\_\_\_

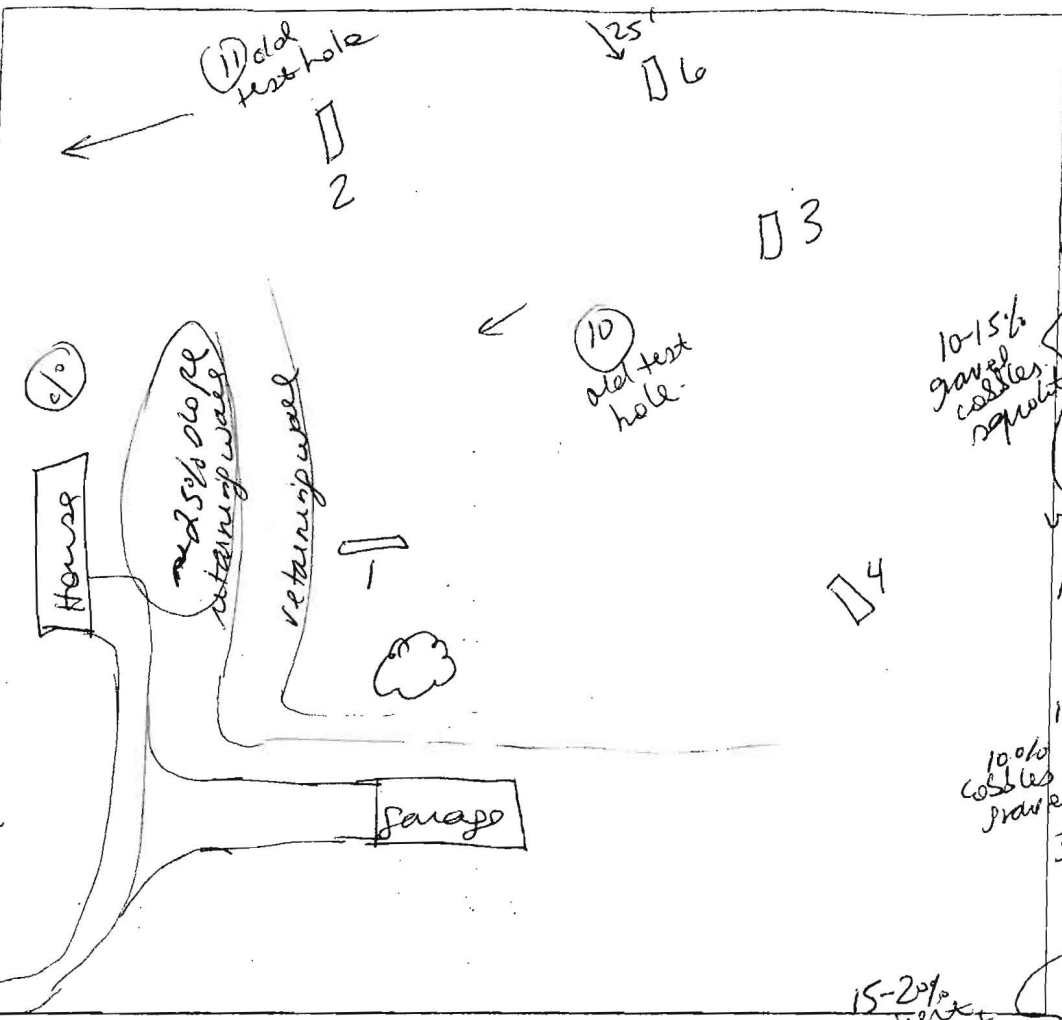
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

# 1105 Manotsville Rd

Step 26 res  
D5

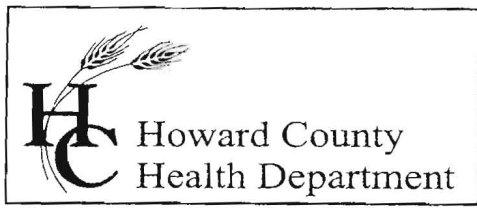
10  
dark brown  
L  
reddish yellow  
sl sg  
well compact  
in soil  
brown  
coarse sl  
sg  
well compact  
in ground  
10-15%  
chert, coarse  
chert  
HB  
3  
dark brown  
L roots  
strong brown  
well compact  
in ground  
sl sg  
cw  
light brown  
sl/ls sg  
micaceous  
15% chert  
coarse chert  
HB  
1  
dark brown  
roots  
red m  
sl well compact  
reddish yellow  
fine sl  
sg  
micaceous  
dimple ground  
reddish yellow  
white quartz  
sl sg



2  
brown L roots  
brown  
sl sg  
micaceous  
very compact  
in ground  
cw  
brown  
sl/ls sg  
compact  
quartzite  
HB  
4  
dark brown  
L roots  
reddish yellow  
sl m  
yellow  
sl sg  
micaceous  
well compact  
in ground  
brown  
sl micaceous  
cw  
HB  
5  
organic matter  
L  
brown  
sl sg  
10% cobbles  
stony  
HB

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2nd INCH	P/F/H
5/10/06	3	4' / 11'	1:06	1:11	1:21	10	P
	2	4' / 11'	1:18	1:31			
	2	5'	2:12	2:27			
	"	6'	2:45	2:51	3:01	10	P
	1	4' / 10'5"	1:23	1:26	1:31	5	P
	4	4' / 7"	1:33	1:51			F
	5	3'		rock	HB		F
	6	4' / 8'	2:36	2:45	2:58	13	P

REMARKS: Holes staked by surveyor but adjusted in field - retaining walls prevent using area near house  
 SANITARIAN: SF  
 BACKHOE: \_\_\_\_\_  
 OTHERS: \_\_\_\_\_  
 TEST HOLES USED IN SDA: \_\_\_\_\_  
 TRENCH WIDTH: \_\_\_\_\_  
 INLET DEPTH: \_\_\_\_\_  
 MAX. BOT DEPTH: \_\_\_\_\_  
 EFFECTIVE S/W: \_\_\_\_\_  
 AVG. PERC TIME: 10  
 21<sup>sq</sup> FT/BR due to ~25% slope for wheel.



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

May 15, 2006

Mark Koski  
611 Nursery Rd  
Westminster, Maryland 21158

RE: PERCOLATION TEST RESULTS –  
1105 Marriottsville Rd

Dear Mr. Koski:

Percolation testing conducted May 10, 2006 on the referenced property indicated both satisfactory and unsatisfactory soil conditions. Limiting factors influencing soil conditions included refusal due to rock at shallow depths and well compacted/dense soil material. Copies of the test results are enclosed.

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

- 1) Actual locations and elevations of all excavated test holes
- 2) Proposed building, well and septic system
- 3) The existing sewage disposal area and well location
- 4) Locations of any other relevant features such as 25% or greater slopes, streams, swales, or existing structures
- 5) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 6) A note indicating that depicted topography reflects field-matched information
- 7) A note stating buildings to be removed must be razed prior to final plat or building permit approval
- 8) A note stating "All wells to be drilled prior to final plat and or building permit approval. It is the developers responsibility to schedule the well drilling prior to final plat submission. It will not be considered "government delay" if the well drilling holds-up the Health Department signature of the record plat."
- 9) A health officer signature block stating "approved for private water and private sewer systems"
- 9) A MDE sewage disposal area statement is required
- 10) MDE minimum lot width statement
- 11) Include A# in the title block

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Sincerely,

Sara Fegel  
Well and Septic Program  
Development Coordination Section

SF  
Enclosures  
Cc: File

 Benevda-Wiltshire-Bail	 Brinklow-Blocktown-Occoquan	 Chillum-Russette-B
 Codorus-Hatboro	 Gladstone-Bannertown-Manor	 Glenelg-Manor-Gai
 Legore-Gladstone-Bannertown	 Legore-Mount Lucas-Watchung	 Other Soils
 Sassafras-Croom-Woodstown	 Urban Land-Chillum-Beltsville	 Urban Land-Glenel
 Water		

**Contacts:** John Bussiere (x3044) Virginia Peterman (x3659) Yut Phasukyued (x3093) Robert Slivinsky (x3094)

# NCRS soil Map

**Help** **Map** **Zoom** **Find** **Remove Layer** **Image** **Theme** **Local Print** **I**  
**Me** **Reset** **Fit** **Location** **Pin** **Control** **Control** **Map** **Print** **Layout**

Distance:  ft    Zoom:  ft   

Co    Marriottsville Rd    GmC    Mad    MgF    GhC

↓ Approximate Location

**Disclaimer:** Howard County, Maryland assumes no responsibility for the accuracy of this map or the information contained herein or derived therefrom. The buyer and/or user assumes all risks and liabilities whatsoever resulting from or arising out of the use of this map. There are no oral agreements or warranties relating to this sale and/or use of this map.

Monday, June 19 2006 | 8:01:22 AM | @542

### Map Legends

- County Line
- Property Line

**Contacts:** John Bussiere    Virginia Peterman    Yut Phasukyued    Robert Slivinsky



Howard County  
Health Department

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](http://www.hchealth.org)

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

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April 6, 2006

Mr. James Overholser  
8318 Forest St.  
Ellicott City, MD 21043

Re: Percolation Test Plan Review  
Davis Property  
Marriottsville Road  
Tax Map: 10 Parcel: 5

Dear Mr. Overholser,

The Department of the Health has reviewed the file for 1105 Marriottsville Road. In order to pursue the development of this property with a new home, provide a percolation certification plat.

You may wish to obtain a copy of the signed percolation test plan prepared by FSH Associates signed on 10/27/2000. The plan contains most of the information required to develop the site, but lacks the design of an initial and two replacement septic systems that meet the current design criteria written in the Code of Maryland Regulations Title 26.04.02 "Sewage Disposal and Certain Water Systems for Homes".

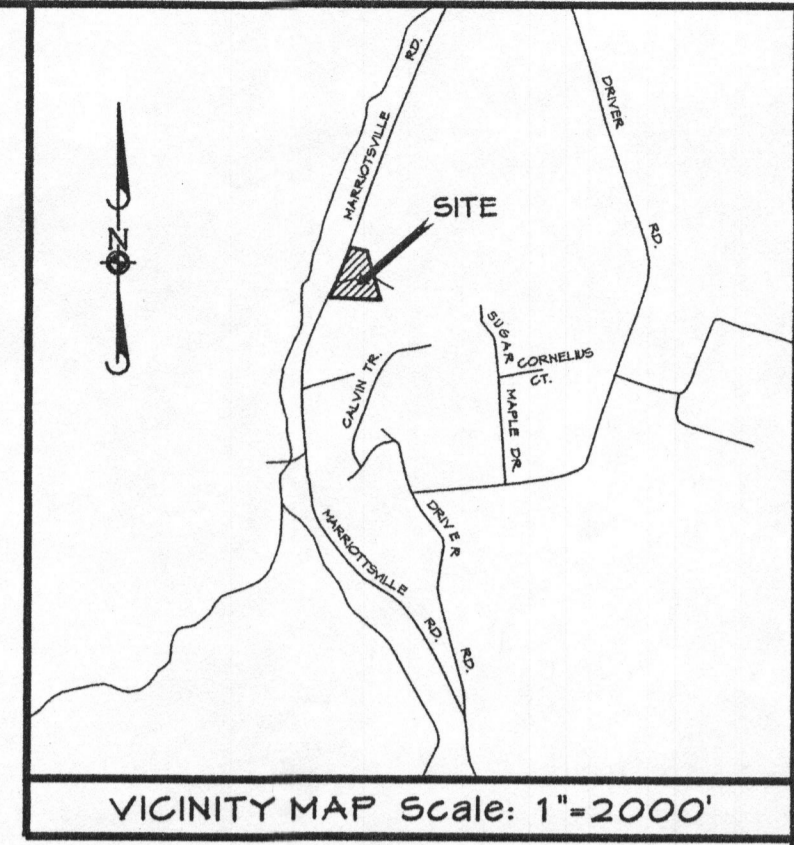
The Department of Health will be awaiting your Percolation Certification Plat with septic design details.

Sincerely,

Michael J. Davis, R. S.  
Supervisor  
Well & Septic Program

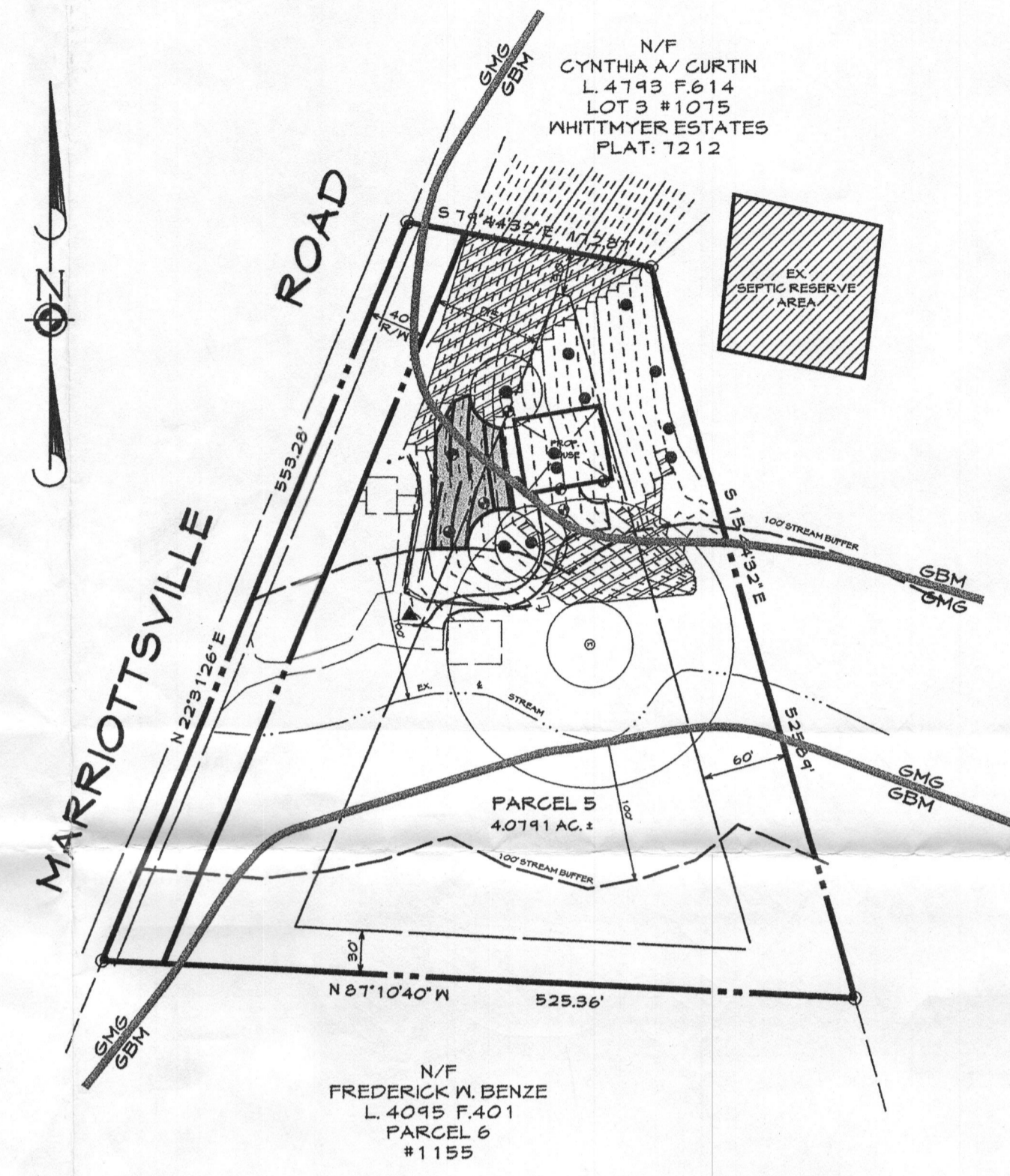
KN  
Cc: file





NOTE: ALL EXISTING TOPO ELEVATIONS SHOWN ON THIS PLAN ARE BASED ON ASSUMED DATA AND DOES NOT REFLECT EXACT ELEVATIONS. UNTIL SUCH TIME PROPOSED HOUSE STAKEOUT THAT EXISTING GRADES CAN BE VERIFIED IN THE FIELD.

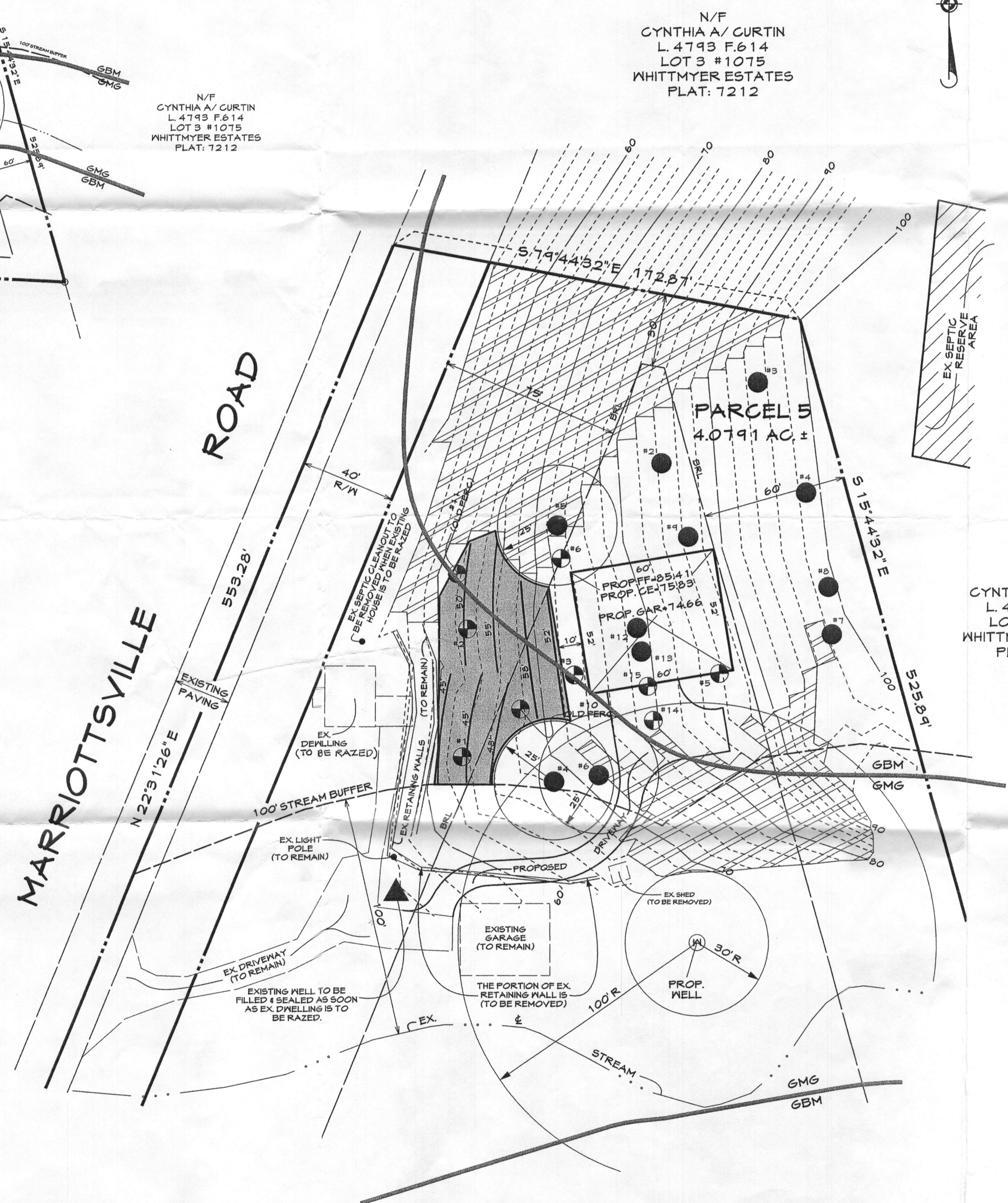
SOILS LEGEND	
SOIL	TYPE
GMG	GLENELG-MANOR GALIA
GBM	GLADSTONE-BANNERTOWN MANOR



LOCATION PLAN  
SCALE: 1"=100'

NOTES:

1. THE PROPERTY SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF PROPERTY BOUNDARY HAVE BEEN SHOWN.
3. PERCOLATION TEST HOLES HAVE BEEN APPROVED BASED ON FIELD OBSERVATION BY HOWARD COUNTY HEALTH DEPARTMENT DATED: 5-10-2006. ALSO PERCOLATION TEST PLAN PREPARED BY FSH ASSOCIATES DATED: 10-25-2000 AND SIGNED.
4. TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY.
5. THIS SURVEY HORIZONTALLY AND VERTICALLY IS TIED TO HOWARD COUNTY CONTROL MONUMENTS, (NAD 83 HORIZONTAL AND NGVD 29 VERTICAL DATUM).
6. A MAXIMUM OF THREE (3) BEDROOM HOUSE IS TO BE BUILT ON THIS PROPERTY.
7. PROPOSED SEPTIC SYSTEM AND WELL FOR PARCEL #5 TO BE INSTALLED BEFORE BUILDING PERMIT APPROVAL.
8. EXISTING DWELLING TO REMAIN OCCUPIED BY OWNER UNTIL PROPOSED HOUSE IS CONSTRUCTED AN HAS BEEN ISSUED A U&O OCCUPANCY PERMIT. AT THIS TIME EXISTING DWELLING CAN BE RAZED, EXISTING WELL CAN BE FILLED & SEALED, AND ALSO REMOVE EXISTING CLEANOUT.
9. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPERS RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.



PLAN  
SCALE: 1"=30'

**OWNER**  
JAMES D. OVERHOLSER &  
JENNIFER L. MACHAMER  
1105 MARIOTTSVILLE ROAD  
MARIOTTSVILLE, MD. 21104-1307

LEGEND	
	-DENOTES EXISTING SEPTIC RESERVE AREA
	-DENOTES PROPOSED SEPTIC RESERVE AREA
	-DENOTES FAULT PERC
	-DENOTES APPROVED PERC
	-DENOTES EXISTING WELLS
	-DENOTES PROPOSED WELL LOCATION
	-DENOTES EXISTING GRADES
	-DENOTES BRL (BUILDING RESTRICTION LINE)
	-DENOTES 100' STREAM BUFFER
	-DENOTES PROPOSED HOUSE BOX
	-DENOTES AREAS WITH 2% SLOPED OR GREATER

THIS AREA DESIGNATES A PRIVATE SEPTIC RESERVE AREA 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 RESERVE AREA SHALL BECOME NULL AND VOID UPON CONNECTION OF PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE RESERVE AREA. RECORDATION OF THE MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

*Robert J. Walker*  
COUNTY HEALTH OFFICER  
DATE: 8/8/06

PERCOLATION CERTIFICATION PLAN  
PARCEL #5  
#1105 MARIOTTSVILLE ROAD  
**OVERHOLSER & MACHAMER PROPERTY**

TAX MAP: 10 PARCEL: 5 GRID: 9  
5TH ELECTION DISTRICT \* HOWARD COUNTY, MARYLAND  
PLAT NO. 4053

DATE	REVISIONS	
6/14/06	REVISED SEPTIC AREA & TRENCH LOCATIONS	JEP
6/17/06	REVISE PLAN SHOWING ALL OLD PERC & NOTE	JEP



FREDERICK OFFICE: 5111 Pegasus Court, Suite B Frederick, MD 21704-8318 (301) 662-1799 FAX (301) 662-8004	WESTMINSTER OFFICE: 439 East Main Street Westminster, MD 21157-5339 (410) 848-1790 FAX (410) 848-1791	John H. Notzke Professional Engineer Registration No. 14594 Date: 9/30/06 Drawing No. 2006-014 Country File No.
Surveyed By:	Drawn By: H96	Checked By: JEP
Computed By:		

County File No. F- -

CAD Drawing File Name:

...:\gsp\10103101an\clsi\plan.dgn Jun 20 2006 11:45:13