

# APPLICATION

PERCOLATION TESTING

A 518543

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 2/12/2003

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 The Estate of Elizabeth Smith c/o Charles Slade, Personal Representative

ADDRESS 10450 Shaker Dr., Ste 112 Columbia, MD 21046 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER MacBeth Farm, LLC

ADDRESS 8808 Centre Pk. Dr., Ste 209 Columbia, MD 21045 PHONE 410.964.5522

PROPERTY LOCATION:

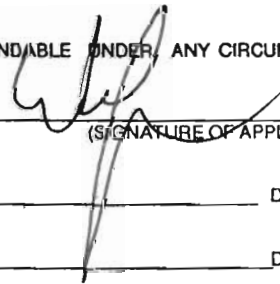
SUBDIVISION MacBeth Farm LOT NO. 22

ROAD AND DESCRIPTION MD Rt. 108 Clarksville, MD- Approximately 1 mile south of the Guilford Rd./  
Rt. 108 intersection

TAX MAP 34 PARCEL # p/o 90

SIZE OF LOT 1 Acre 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

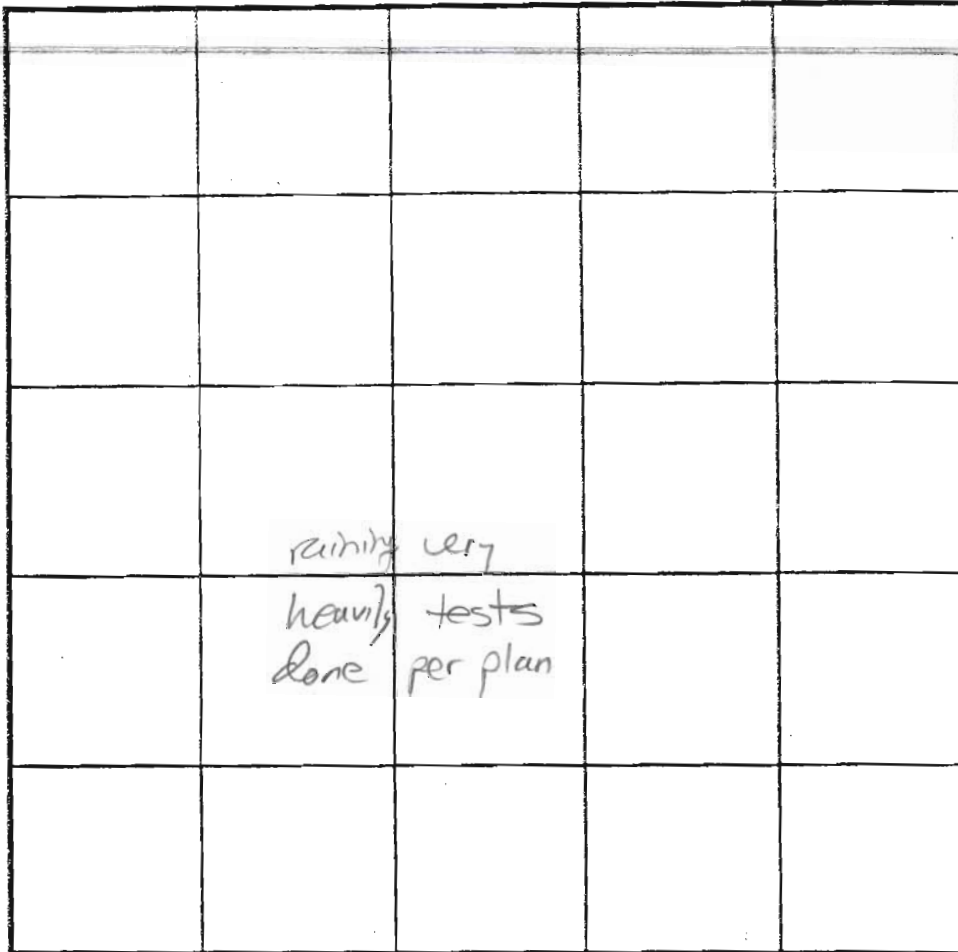
COUNTY #

SOIL PROFILE

0' 656  
Brown platy  
SCL  
2  
red orange  
micaceous  
L  
4  
fine  
yellow  
brown  
micaceous  
SL  
w/ 5-10%  
coarse cherty  
frags

13 660  
Brown  
SiL  
2  
red orange  
SiCL  
6  
fine yellow  
brown  
micaceous  
SL

14 657  
Brown  
SiL  
1  
red orange  
L w/ 5-10%  
coarse  
cherty  
frags  
7  
yellow  
brown  
micaceous  
SL  
w/ 5-10%  
coarse  
cherty  
13



SOIL PROFILE

0' 659  
red orange  
SCL  
1/2  
red orange  
SiCL  
3  
heavy  
red orange  
L  
w/ 15-20%  
coarse  
cherty frags  
10

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/28/03	656	6 1/2 / 13	10:05	10:10	10:10	10:19	91	ok
5/28/03	660	6 1/2 / 14	9:51:15	9:58:30	9:58:30	10:08	9:30	ok
5/28/03	657	6 1/2 / 13	10:00	10:07	10:07	10:29	22	ok
	659	4 / 10	10:24	10:31	10:31	10:54	13	ok

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ FT/BEDROOM \_\_\_\_\_

COUNTY #

SOIL PROFILE

655

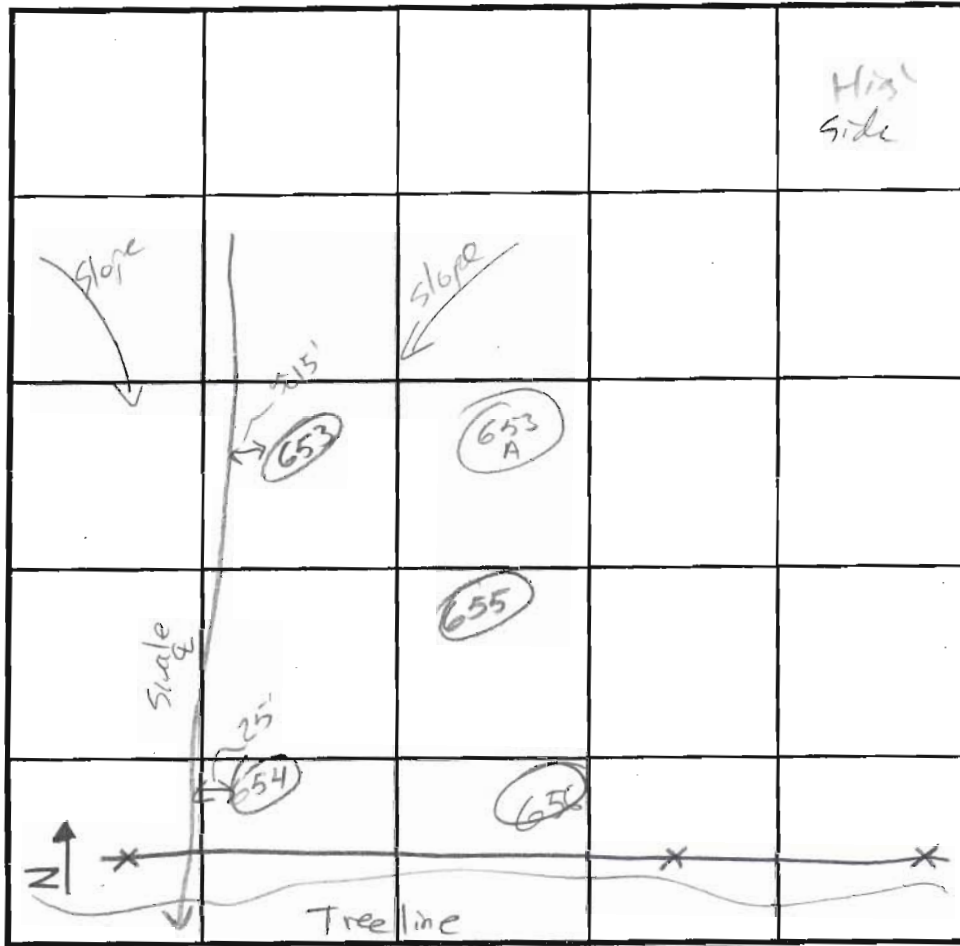
0' Brown SiCL  
 1' Orange brown micaceous L  
 3' Yellow brown cSSL  
 ↓  
 fine brown micaceous SL w/ 15-20% coarse frags

654

1' Brown SiL  
 Orange brown cSSL  
 w/ 40-45% coarse cherty gneiss frags  
 5' refusal

653

2' Brown SiCL  
 Orange brown SL/L  
 w/ 45-50% coarse cherty gneiss frags + refusal @ end of hole



SOIL PROFILE

653A

0' red orange heavy SiL  
 1' heavy red orange L  
 2' Decomposing gneiss very hard  
 5' red brown very hard platy gneiss w/ 35-40% coarse cherty frags  
 9' refusal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/29/03	655	6 1/2 13	9:40:00	9:44:00	9:44:00	9:48:30	4:30 dk
	654	5V	refusal @ 5				F
	653	12V	refusal @ 7 on Nend of hole				F
	653A	9V	very hard				F

REMARKS CS = strongly cemented; Hole 658 on lot 21 notes

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT/BEDROOM \_\_\_\_\_

PERC CERT  
Signed 10/13/03

PARCEL 225  
L. 734, F. 673

PARCEL 320  
L. 5633, F. 589

2381.06'

ChB2  
E PRESERVATION  
ZEL "B"

GnB2

ChC2

MgB2

GnC2

CgB2

MgC2

S 69°36'16" W



LOT 21  
50,683 sf±

LOT 22  
59,746 sf±

LOT 20  
55,806 sf±

LOT 23  
58,774 sf±

LOT 19  
47,826 sf±

LOT 24  
48,857 sf±

LOT 18  
48,990 sf±

LOT 25  
42,447 sf±

LOT 4  
46,016 sf±

LOT 26  
42,513 sf±

LOT 27  
42,578 sf±

LOT 28  
644 sf±

Proposed Septic Easement 10,000 sf±

Proposed Septic Easement 10,000 sf±

Proposed Septic Easement 10,000 sf±

Proposed Septic Easement 10,000 sf±

Proposed Septic Easement 10,000 sf±

Proposed Septic Easement 10,000 sf±

Proposed Septic Easement 10,000 sf±

Proposed Septic Easement 10,000 sf±

Proposed Septic Easement 10,000 sf±

Proposed Septic Easement 10,000 sf±

0.00'

683

684

682

681

685

680

679

678

677

676

675

674

663

664

665

666

667

668

669

670

671

672

673

674

675

676

677

678

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

661

662

663

664

665

666

667

668

669

670

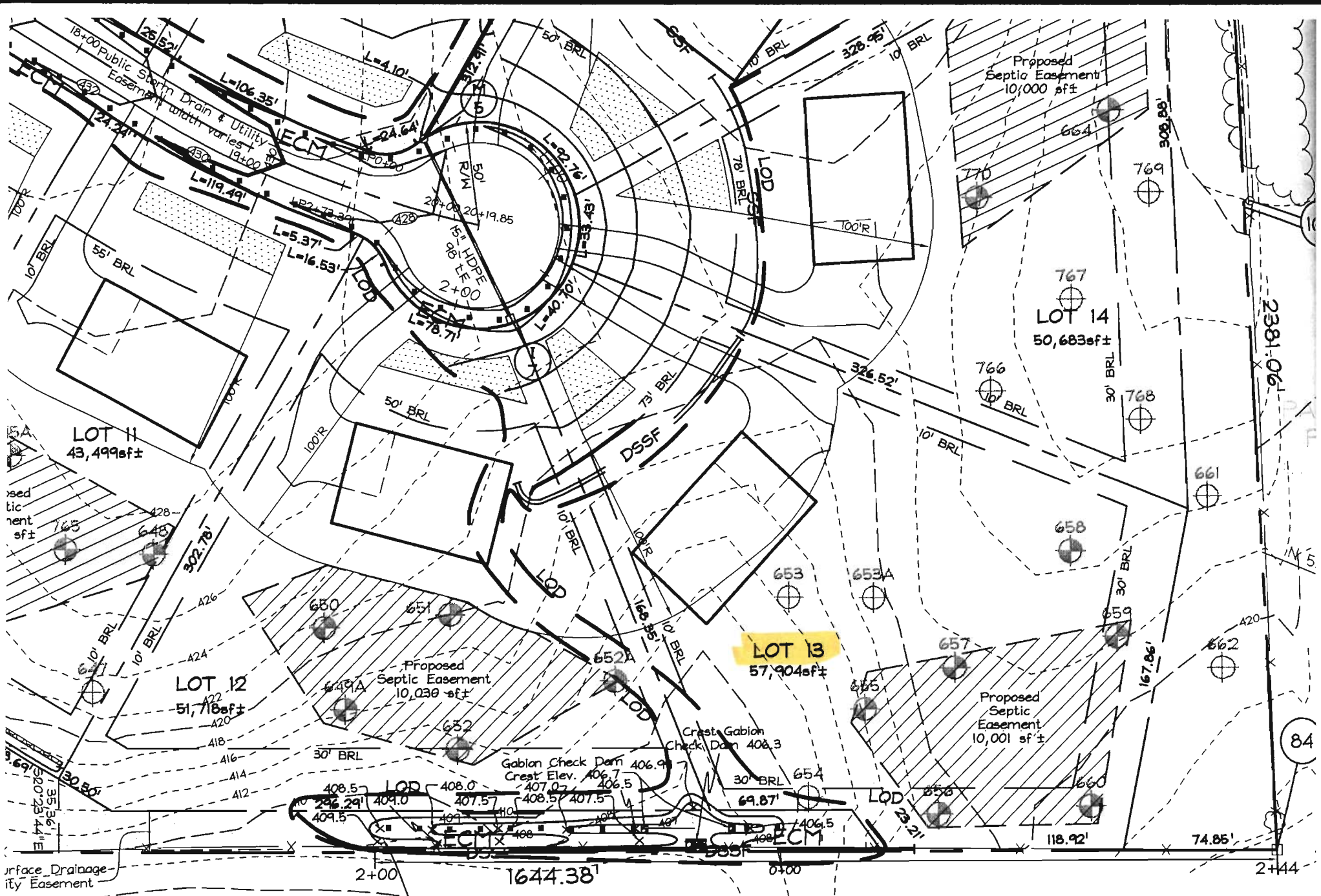
671

672

673

674

675



Revised Perc Cert  
 Signed 8/28/06

Grass Channels  
 for Water Quality  
 Treatment (WQV)  
 See Sheet 16 for  
 Construction Details

**PERCOLAT  
 FOR LOTS 1, 4**

