

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

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

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(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 \_\_\_\_\_

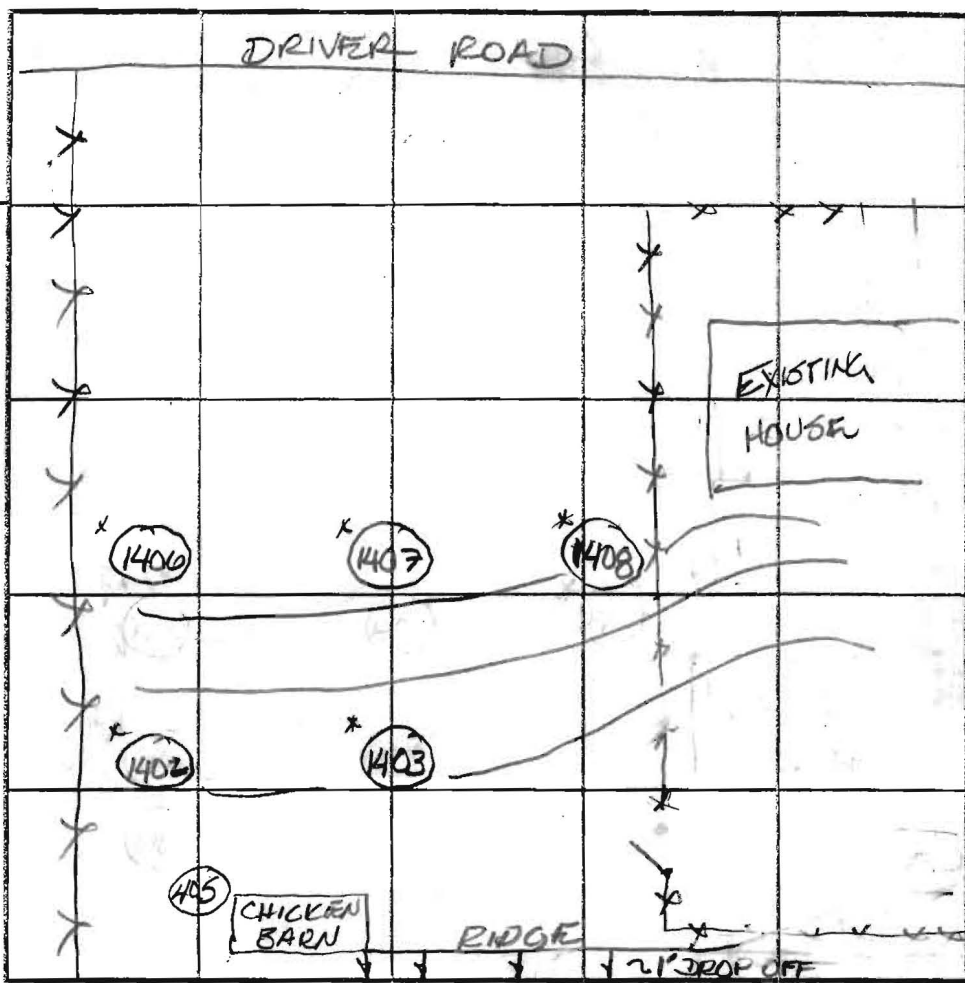
# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE  
1406  
DK Brown Loam  
Brown Si Clay Loam  
Brown Sa Loam  
L590 GNEISS Fragments

1407  
DK Brown Loam  
Red Brown Sa Loam  
L590 GNEISS Fragments  
HARD GNEISS FRAGMENTS

1408  
DK Brown Loam  
Brown Sa Loam



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE  
1403  
DK Brown Loam  
Red Sa Clay Loam  
Brown Sa Loam w/ L590 Quartz / Gneiss Fragments

1402  
DK Brown Loam  
Brown Sa Clay Loam  
Brown Sa Loam w/ L590 Quartz

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/20/03	1406	6' / 14'	10:44	10:48	10:48	10:57	9min	P
5/20/03	1407	5' / 14'	10:56	11:00	11:00	11:06	6min	P
5/20/03	1408	5' / 13'	11:10	11:13	11:13	11:17	4min	P
5/20/03	1402	6' / 14'	10:12	10:16	10:16	10:23	7min	P
5/20/03	1403	6' / 13 1/2'	10:23	10:29	10:29	10:36	7min	P

REMARKS TOLD DR @ SITE ON 5/20/03 THAT HOLES 1402, 1403, 1406, 1407 & 1408 NEED FIELD LOCATED w/ PLANS TO CONFIRM 10,000 H2 SEA'

TYPE OF SOIL G/C3  
TESTED BY DR. MIKE JOHNSON, PHD  
ALSO PRESENT JOHNSON, DALE JOHNSON  
LILLY SHAWDEN  
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH 3'  
INLET DEPTH 5' MAXIMUM BOTTOM DEPTH 6' SO. FT./BEDROOM

# APPLICATION

402, 403, 405 - 5/19/03  
1402, 1403, 1406, 1407, 1408 - 5/20/03  
PERCOLATION TESTING

A 518592

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

DISTRICT \_\_\_\_\_

DATE 3/28/2003

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 Mr. Nicholas Antonis  
c/o Land Design & Development, LLC.  
ADDRESS 8000 Main Street Ellicott City, Md. 21043 PHONE 410-480-9105

AGENT OR PROSPECTIVE BUYER Donald R. Reuwer Jr.  
ADDRESS 8000 Main Street Ellicott City, Md. 21043 PHONE 410-480-9105

PROPERTY LOCATION: 874 Driver Road Marriottsville, Md. 21104  
SUBDIVISION Antonis Property LOT NO. 4

ROAD AND DESCRIPTION West Side Driver Road and 2000'± South of the intersection of Marriottsville Road and Driver Road.

AX MAP 10 PARCEL # 271 Grid 4  
SIZE OF LOT 40,000 Sq. Ft.± TYPE BLDG. Single Family Dwelling  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

IF THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE  
PERMIT IS 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. Nicholas Antonis  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

AND PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

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

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

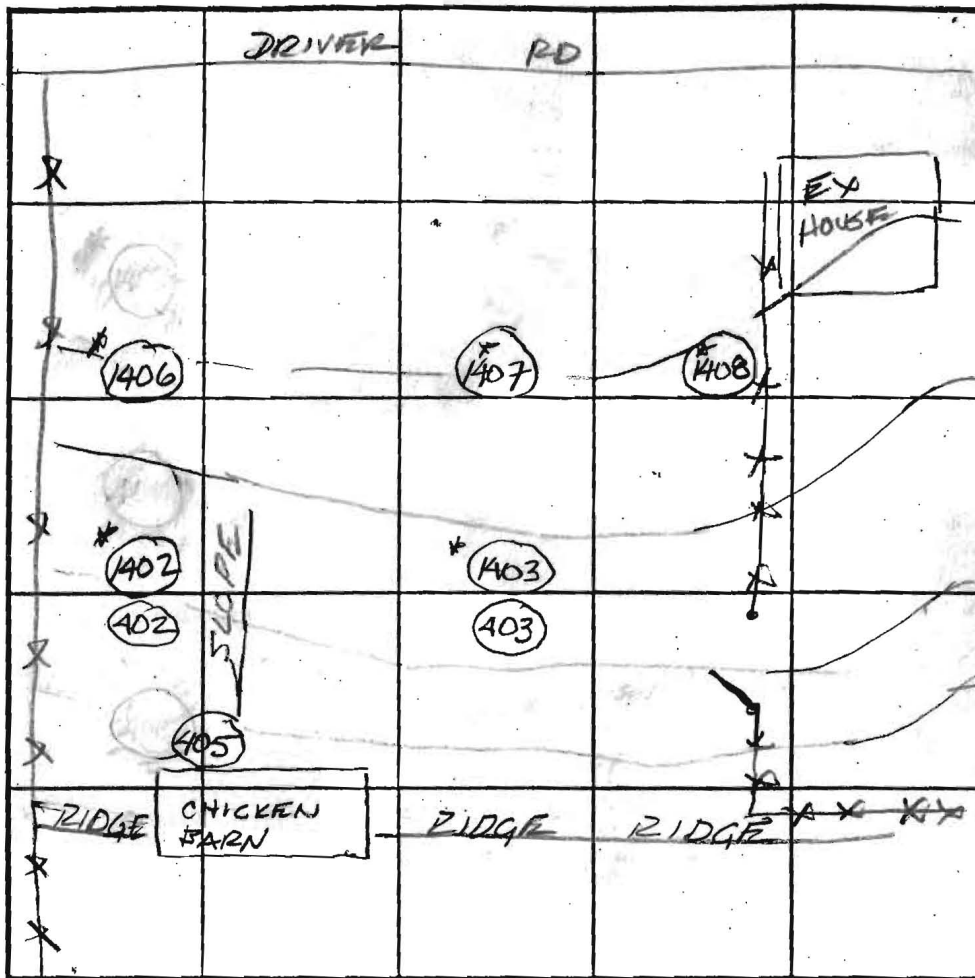
402  
 0' DK Brown Loam  
 8" Hard  
 Compacted  
 Loamy  
 Sand  
 L590  
 Gneiss  
 Fragments  
 12'

405

>50%  
 1'-1 1/2'  
 GNEISS  
 NOT TESTED  
 5'

403

>50%  
 1'-1 1/2'  
 GNEISS  
 &  
 Quartz  
 NOT TESTED  
 9 1/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

2 1/4'

\*SOIL PROFILE

1403  
 0' DK Brown Loam  
 Red  
 So Clay  
 Loam  
 6'  
 Brown  
 So Loam  
 w L590  
 Quartz/  
 Gneiss  
 Fragments  
 13 1/2'

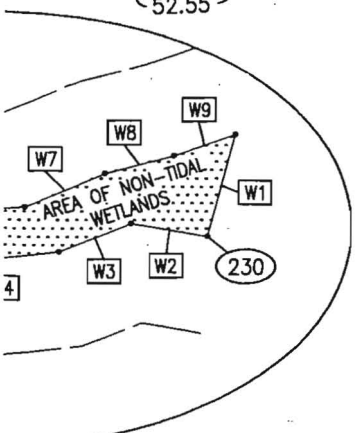
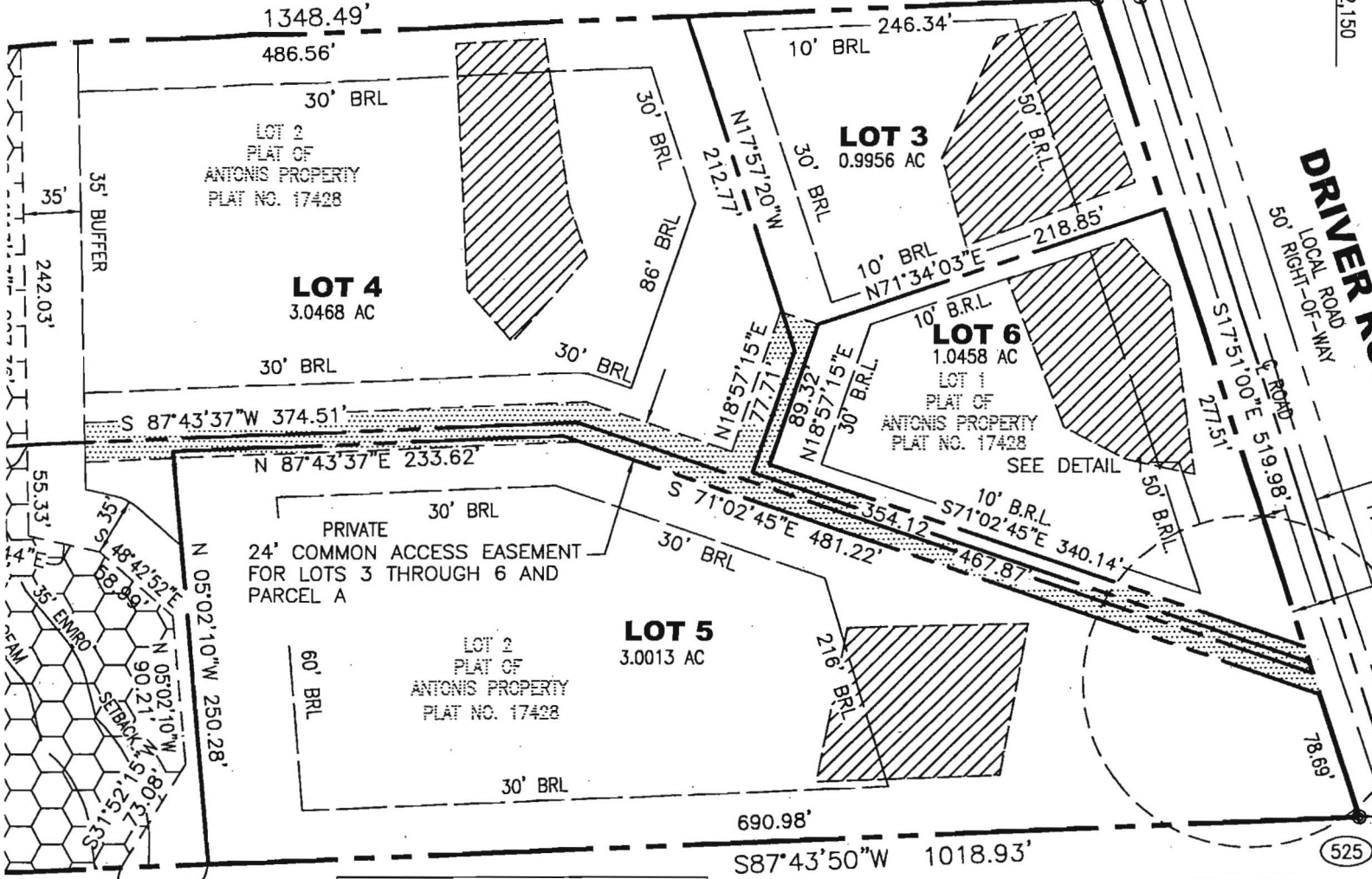
1402  
 DK Brown  
 Loam  
 1'  
 Brown  
 So Clay  
 Loam  
 6'  
 Brown  
 So Loam  
 w L590  
 Quartz/  
 Gneiss  
 14'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
5/19/03	402	6' / 12'	1:28	1:29	1:29	1:30	1min	(E)	
		4'	1:42	1:50	WATER NOT MOVING BELOW 1ST PEG			(E)	
5/19/03	1403	NOT TESTED - ROCK THROUGHOUT HOLE							(E)
5/19/03	405	NOT TESTED - ROCK THROUGHOUT HOLE							(E)
5/20/03	*1402	6' / 14'	10:12	10:16	10:16	10:23	7min	P	
5/20/03	*1403	6' / 13 1/2'	10:23	10:29	10:29	10:36	7min	P	

REMARKS HOLES 401 & 404 NOT DUG, OR TESTED PER DR ON 5/20/03

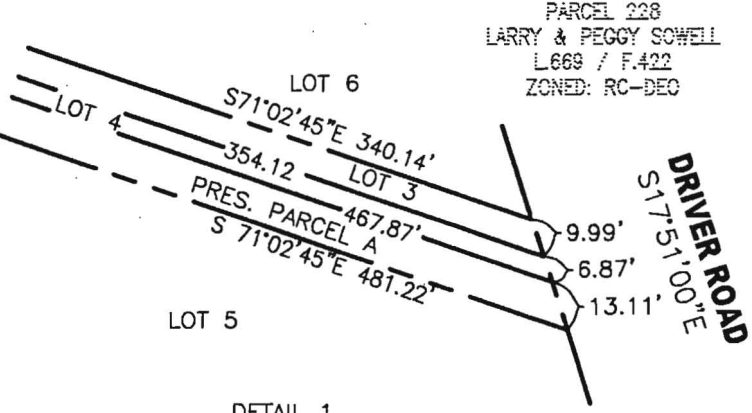
TYPE OF SOIL G/C3  
 TESTED BY \_\_\_\_\_ ALSO PRESENT DALE JOHNSON, MIKE JOHNSON, WILLY SNOW & DALE JOHNSON & DR ON  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

LOT 3  
WOODY PROPERTY  
PLAT NO. 4786  
ZONED: RC-DEC



NON-TIDAL WETLAND LINE CHART		
NO.	BEARING	DISTANCE
W1	S 14°58'07" W	27.48'
W2	N 80°23'16" W	20.17'
W3	S 68°34'04" W	20.28'
W4	S 83°24'01" W	32.23'
W5	N 61°45'24" W	24.52'
W6	N 85°11'31" E	44.87'
W7	N 67°04'57" E	22.65'
W8	N 75°38'22" E	18.49'
W9	N 70°57'23" E	16.91'

FOREST CONSERVATION EASEMENT RETENTION AREA		
AS PER THE PLAT OF ANTONIS PROPERTY RECORDED AS PLAT NO.		
COURSE	BEARING	DISTANCE
L1	N 87°39'03" E	176.81'
L2	S 02°52'52" E	105.71'
L3	S 89°51'40" W	179.93'
L4	N 01°11'17" W	98.79'



**D DETAIL**  
1"=50'

GEL ENGINEERING, INC.  
7 MAIN STREET  
CITY, MARYLAND 21043  
0-461-7666

DETAIL 1  
1"= 50'

Signed 1/4/06  
F-05-125

**OWNERS**

PLEASANT PROSPECT FARM, INC.  
5300 DORSEY HALL DR. STE 102  
ELLCOTT CITY, MARYLAND  
21042-7819

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