

ChBZ

# APPLICATION

601, 602, 603, 604, 605 > 5/15/03

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. 62 (FA)

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

TAX MAP 10 PARCEL # 271 Grid 4  
SIZE OF LOT 40,000 Sq. Ft.± 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. Nicholas Antonis  
(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 #

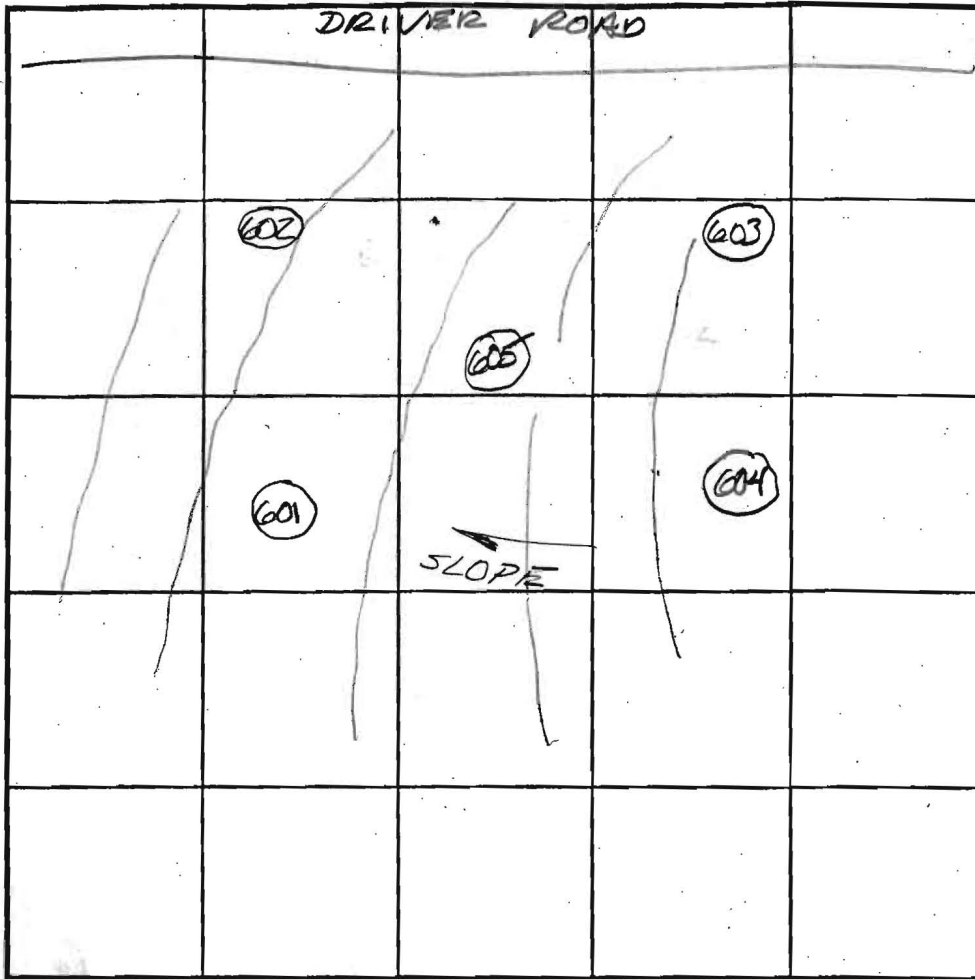
DRIVER ROAD

SOIL PROFILE

0' 604  
 DK Brown Loam 1/2'  
 Red Brown Silty Clay Loam 4'  
 Brown Silty Loam 15% Quartz fragments 14'

SOIL PROFILE

0' 602  
 DK Brown Loam 8"  
 Red Brown Silty Clay Loam 4'  
 Lt Brown Silty Loam 15% Quartz fragments 13 1/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

601  
 DK Brown Loam 1'  
 Red Brown Silty Clay Loam 3 1/2'  
 Lt Brown Silty Loam 15% Quartz fragments 13 1/2'

603  
 DK Brown Loam 1/2'  
 Red Brown Silty Clay Loam 4 1/2'  
 Lt Brown Silty Loam 15% Quartz fragments 14'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/19/03	604	6' / 14'	9:44	9:48	9:48	9:56	8min	P
5/19/03	601	6 1/2' / 13 1/2'	10:10	10:13	10:13	10:18	5min	P
5/19/03	603	6' / 14'	9:55	9:58	9:58	10:02	4min	P
5/19/03	602	6' / 13 1/2'	10:24	10:27	10:27	10:31	4min	P
5/19/03	605	VISUAL						

REMARKS

TYPE OF SOIL ChB2

TESTED BY FA

ALSO PRESENT MIKE JOHNSON MARIL JOHNSON WILLY SPOWIE

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH 3'

INLET DEPTH 5' MAXIMUM BOTTOM DEPTH 6' SQ. FT./BEDROOM \_\_\_\_\_

5/19/03 601, 602, 603, 604, 605  
CHB2

PAVED  
PERC HOLDS  
BY FA ON  
5/19/03

53

G1C3  
G1B2



100'



458



501

502

505

504

503



100'

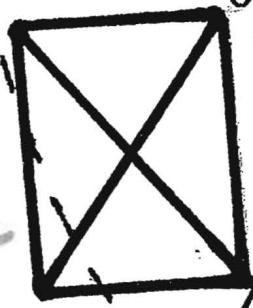
G1B2

457

G1B2



2



601

602

605



100'

457

101

604

603

202

102

40' R/W

100'

ChB2



DRIVER ROAD

# APPLICATION

PERCOLATION TESTING

A 518999-A

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 6/06/03

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.

CONTRACT PROPERTY OWNER RONALD R. REUWER

ADDRESS 8000 MAIN STREET ELLICOTT CITY MD PHONE 410 480-9105

AGENT OR PROSPECTIVE BUYER LAND DESIGN & DEVELOPMENT LLC  
<sup>21043</sup>

ADDRESS 8000 MAIN STREET ELLICOTT CITY MD PHONE 410 480-9105

PROPERTY LOCATION:

SUBDIVISION ANTONIS PROPERTY LOT NO. 8<sup>u</sup> (FA)

ROAD AND DESCRIPTION WEST SIDE OF TRIVER ROAD AND 1800 FEET SOUTH OF THE INTERSECTION OF TRIVER ROAD AND MARRIOTTSVILLE ROAD

TAX MAP 10 PARCEL # 271 GRID A

SIZE OF LOT 40,000 ± 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. RONALD R. REUWER  
(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 \_\_\_\_\_

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

# THIS IS NOT A PERMIT

SOIL PROFILE

0' **803**  
 Dk Brown Loam  
 1/2'  
 Red Brown Solum  
 Brown Solum  
 15-20 rock  
 1/2'

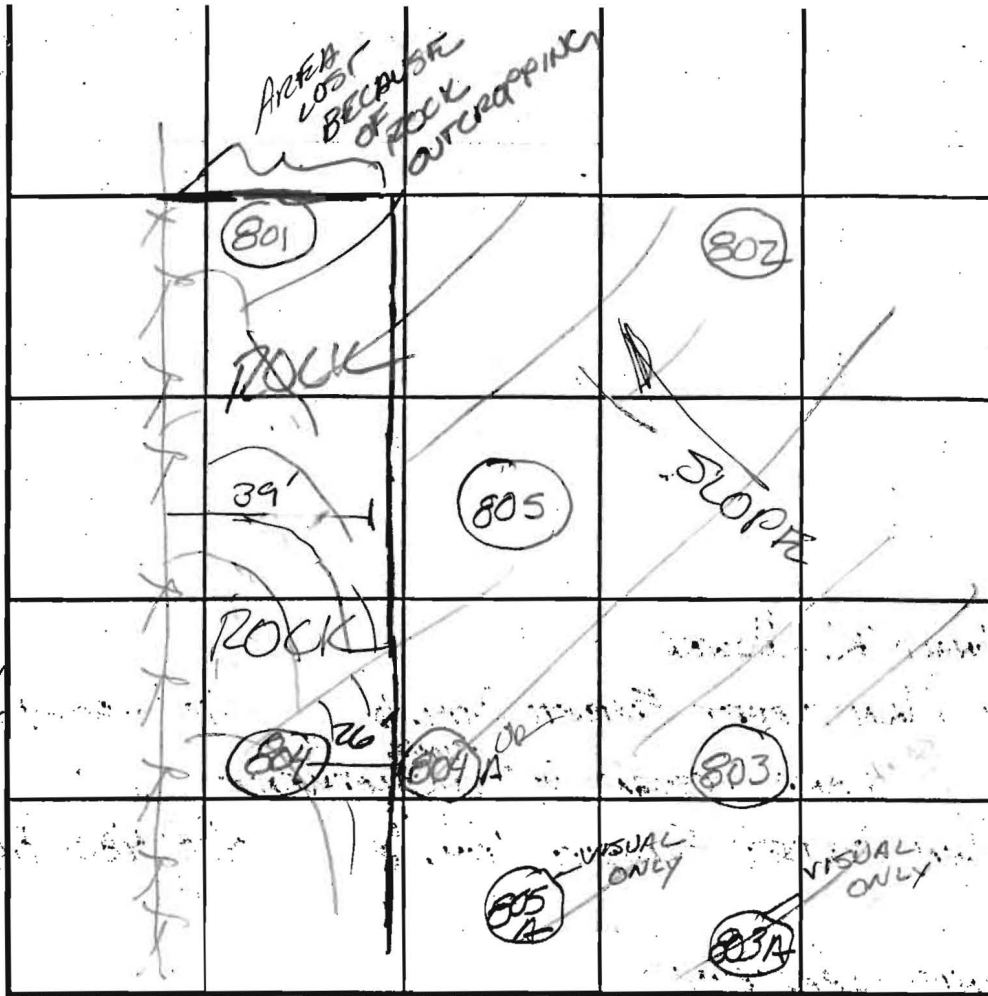
**802**

Dk Brown Loam  
 1'  
 Red Brown Solum  
 4'  
 Brown Solum

25-30% stony quartz  
 11'

**805**

Dk Brown Loam  
 2'  
 15-30% stony cobbles  
 5'  
 Yellow Brown Solum  
 12'  
 Solum  
 1/2" to rock



SOIL PROFILE

0' **804**  
 Dk Brown loam 8"  
 Brown Solum  
 12'  
**801**  
 Dk Brown Loam  
 1'  
 Red Silty Loam  
 3'  
 13-20 Solum  
 5'  
 Red Brown Solum

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/18/03	803	5' 12 1/2"	10:29	10:31	10:31	10:33	3min P
	802	5' 11"	10:35	10:43	10:43	10:48	5min P
	805	5' 12"	10:51	10:57	10:57	11:03	6min P
	801	6 1/2' 12"	11:45	11:48	11:48	11:52	4min P
	804 A	6' 12'	11:28	11:30	11:30	11:32	2min P

REMARKS **804** Rock @ 9' to bottom; **803A** & **805A** VISUAL OK BUT NOT TESTED

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

TESTED BY FD ALSO PRESENT MARC JOHNSON  
DALE JOHNSON

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

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

380  
385  
390  
395  
400  
405  
410  
415  
420

795  
MARIOTTVILLE RD

GIB2 424

PROPOSED NEW TEE AREA  
FOR LOT # 8

7/21/03

LE RD

MND  
GIB2

FIRE

ZRC AREA  
REMOVED

802

5

804A

804

803

701

705

704

703

8

7

424

1.0A1

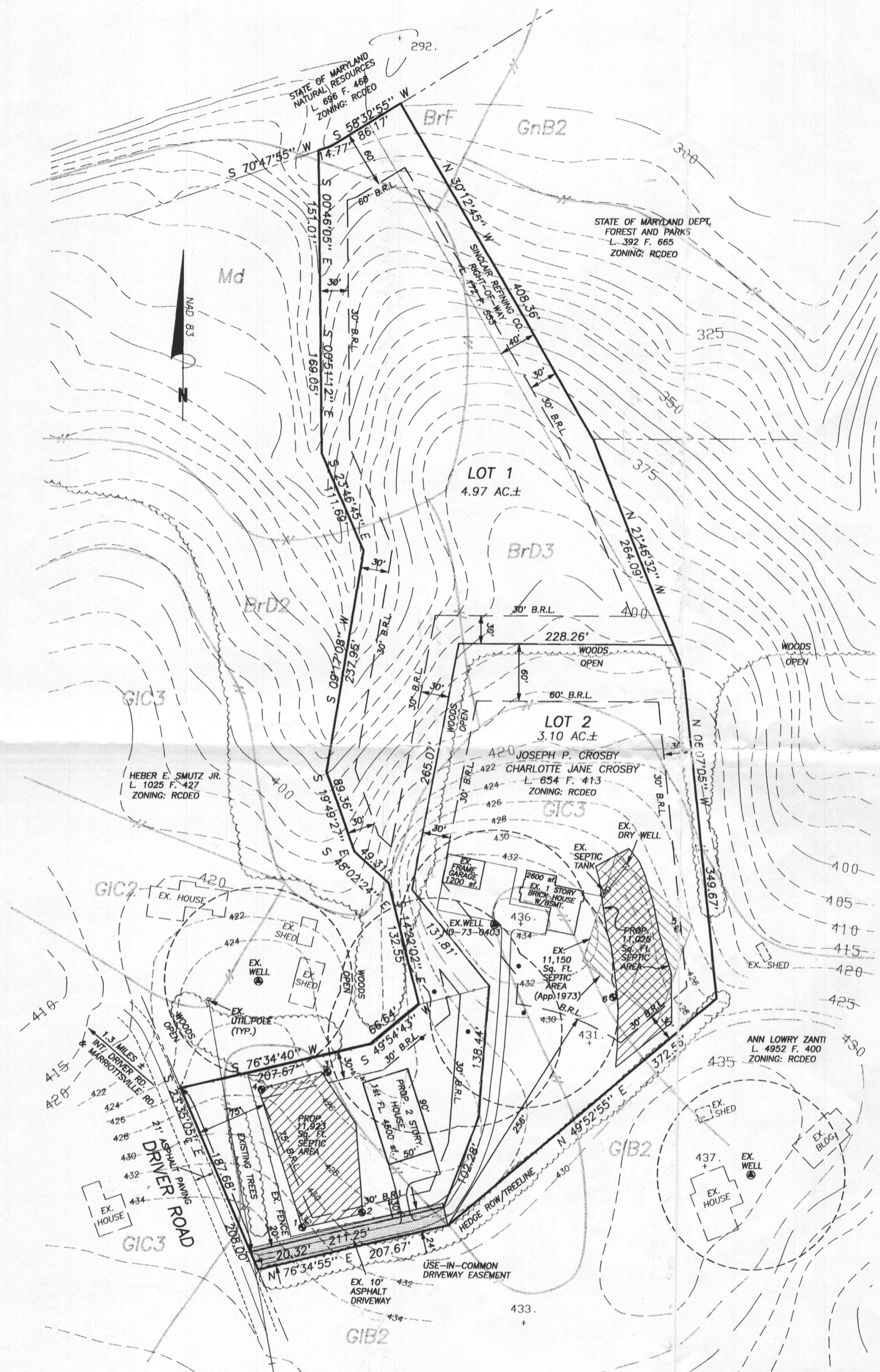
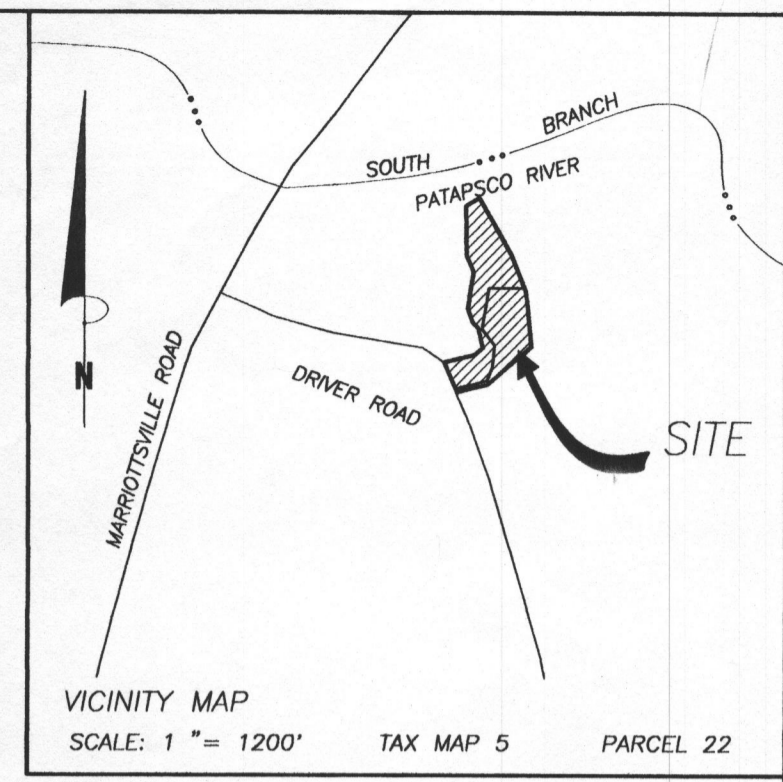
1.0A1

5-

Signed  
Perk Cert 10/15/03  
From signed perk cert  
dated 10/15/03  
1"=60' scale



04 FEB 11 12:49



GENERAL NOTES:

- OWNERS: JOSEPH P. CROSBY  
CHARLOTTE JANE CROSBY  
DEED REFERENCE: LIBER 654 FOLIO 413  
DATE: SEPTEMBER 14, 1973  
GRANTOR: EDWARD W. TWINING
- TAX MAP: 5 GRID: 22 PARCEL: 22
- NEAREST POTABLE WATER SUPPLY: SYKESVILLE  
DISTANCE: 3.5 MILES ±
- THERE IS NO FLOOD HAZARD (100 YEAR FLOOD PLAIN) LOCATED ON THIS PROPERTY ACCORDING TO FEMA FLOOD INSURANCE RATE MAP, COMMUNITY PANEL # 240044 0005 B, REVISED DECEMBER 4, 1986 & # 240044 0010 B, REVISED DECEMBER 4, 1986
- TOPOGRAPHY: HOWARD COUNTY DATUM  
CONTOUR INTERVALS ARE AT 5 FEET.  
TOPOGRAPHY: (PROPOSED SEPTIC AREAS)  
FIELD RUN BY VANMAR ASSOC.  
CONTOUR INTERVALS ARE AT 2 FEET.
- THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.
- THE EXISTING WELL(S) SHOWN ON THIS PLAN HO-73-0403, HO-(NO TAG) HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
- SOIL TYPE: ( BrF, BrD2, BrD3, GIB2, GIC3, Md )  
HOWARD COUNTY SOILS MAP No. 21.
- ZONING DISTRICT: RCDEO
- EXISTING SEPTIC AREA ON LOT 2 TO BE ABANDONED.

PETITIONER'S NAME:  
JOSEPH P. and CHARLOTTE CROSBY  
835 DRIVER ROAD  
MARRIOTTSVILLE, MD. 21104  
410-442-1604

COUNSEL FOR PETITIONER:  
THOMAS M. MEACHUM, REESE and CARNEY, LLP  
10715 CHARTER DRIVE, COLUMBIA, MD. 21044  
410-740-4600

OWNERS:  
JOSEPH P. and CHARLOTTE CROSBY  
835 DRIVER ROAD  
MARRIOTTSVILLE, MD. 21104  
410-442-1604

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF 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 PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

EXISTING PERCOLATION TEST SITE:

PROPOSED PERCOLATION TEST SITE:

FAILED PERCOLATION TEST SITE:

EXISTING WELL:

PROPOSED HOUSE SITE:

PROPOSED WELL SITE:

DATE	REVISIONS
1/31/04	Additional Trees added

VARIANCE PLAN  
**CROSBY PROPERTY**

LIBER 654 FOLIO 413  
#835 DRIVER ROAD  
MARRIOTTSVILLE, MD. 21104  
ELECTION DISTRICT No. 3  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 100' DECEMBER, 2003

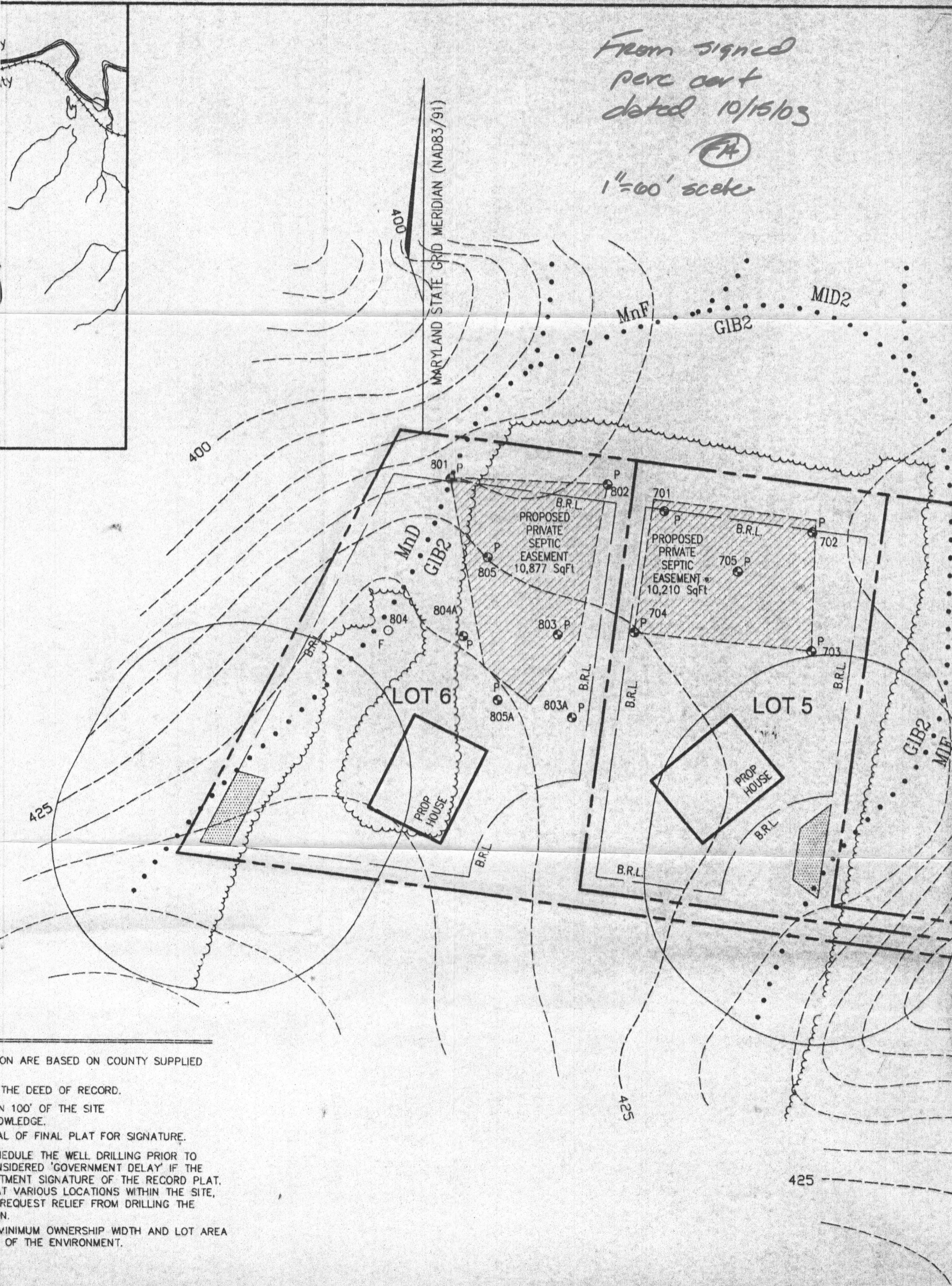
I HEREBY CERTIFY THERE ARE NO WELLS OR SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN HEREON.  
I FURTHER CERTIFY THAT THE PERCOLATION TEST HOLES HAVE BEEN FIELD LOCATED IF EXISTING AND ACCURATELY STAKED IF PROPOSED AND SHOWN HEREON.

*Sourabh Munshi* 2/2/04  
SOURABH G. MUNSHI, PROF. L. S., MD. REG. # 10770 DATE



**VANMAR ASSOCIATES, INC.**  
Engineers Surveyors Planners  
310 South Main Street P.O. Box 328 Mount Airy, Maryland 21771  
(301) 829 2890 (301) 831 5015 (410) 549 2751

From signed  
perc cert  
dated 10/15/03  
**FA**  
1"=100' scale



ON ARE BASED ON COUNTY SUPPLIED  
THE DEED OF RECORD.  
N 100' OF THE SITE  
OWLEDGE.  
AL OF FINAL PLAT FOR SIGNATURE.  
EDULE THE WELL DRILLING PRIOR TO  
SIDERED 'GOVERNMENT DELAY' IF THE  
'MENT SIGNATURE OF THE RECORD PLAT.  
AT VARIOUS LOCATIONS WITHIN THE SITE,  
REQUEST RELIEF FROM DRILLING THE  
IN.  
MINIMUM OWNERSHIP WIDTH AND LOT AREA  
' OF THE ENVIRONMENT.