



# APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AD 520126-D

AGENCY REVIEW: \_\_\_\_\_

DATE 3/31/2004

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH UNKNOWN PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) 32 40 Partnership 9/0 Harry B. Cooper & Associates

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 10749 FALLS RD. #202 LUTHERVILLE MD 21093-7013  
STREET CITY/TOWN STATE ZIP

APPLICANT ESH Associates 9/0 Zach Fisch

DAYTIME PHONE (410) 750-2251 CELL \_\_\_\_\_ FAX (410) 750-7350

MAILING ADDRESS 8318 Forrest st. Ellicott city MD 21043  
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME 32 40 partnership LOT NO. 5

PROPERTY ADDRESS N Route 144 West Friendship 21794  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 15 GRID 11 PARCEL(S) 72 PROPOSED LOT SIZE 1 Ac.

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Zacharia Y. Fisch  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P \_\_\_\_\_

623  
 3 red orange SCL  
 5 red orange micaceous CW L  
 13 fine orange brown micaceous SL w/ <10% weak sap.

622  
 2 heavy orange brown SCL  
 4 heavy orange brown SCL  
 6 orange brown CW L w/ <10% weak sap  
 13 fine orange brown micaceous SL

623A  
 4 1/2 generally SCL  
 SCL  
 6 orange brown L



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/11/04	623	4 1/2 / 13	9:39	stopped @ 10:30			F
5/11/04	622	5 / 13	9:59	stopped @ 10:30			F
5/11/04	622	6 1/2 / 13	12:28	12:33	12:43	10	P
5/11/04	623	5 1/2 / 13	12:34	12:41	1:00	19	P
7/16/04	623A	6					

REMARKS see lot 4 notes for 625/619 Note: Hand Auger 7/16/04 for 623A

SANITARIAN J. Boris BACKHOE Level Land OTHERS P. Revell

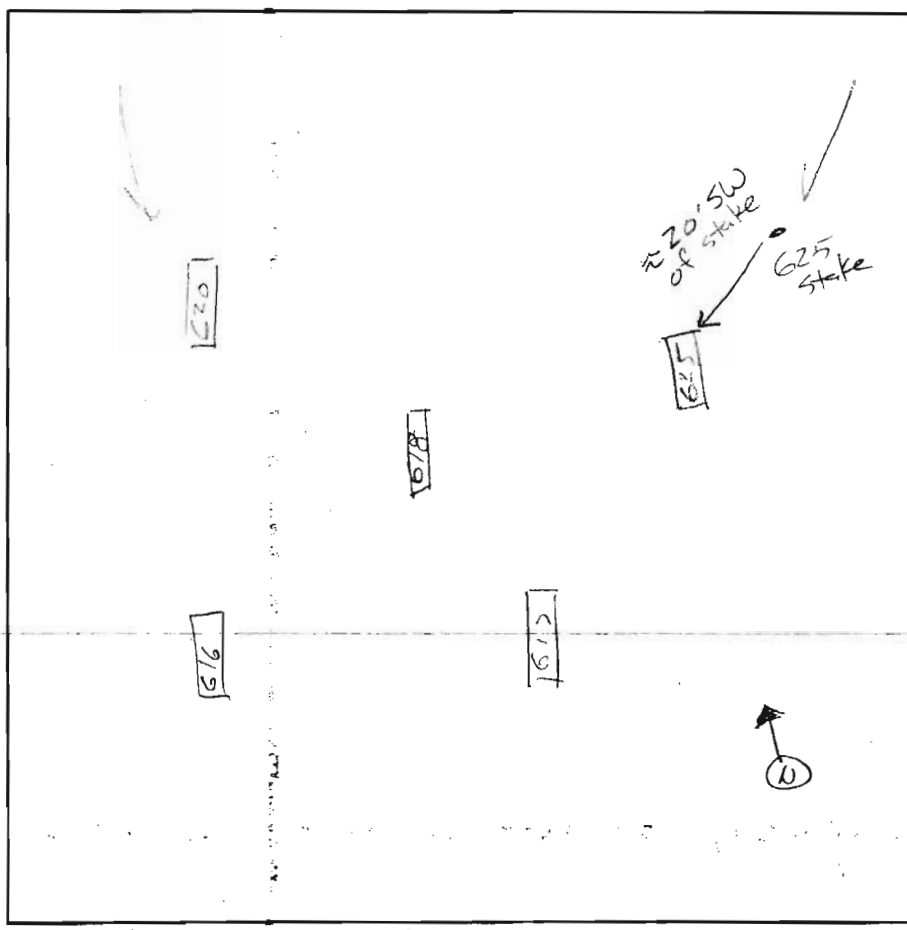
TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

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

616  
Brown rooted L  
1/2 Orange brown micaceous SL w/ 10-15% weak sap + Mr bands  
13

620  
Orange brown rooted L  
1/2 Orange brown micaceous w/ SL w/ 15-20% firm sapolite  
5/2 Fine brown micaceous SL w/ 10-15% weak sap  
13

618  
brown micaceous rooted L  
1/2 heavy orange brown micaceous SL w/ 10-15% firm sap  
3/2 Fine brown micaceous SL  
13



625  
Orange brown micaceous SL w/ 10-15% weak sap  
3/2 Orange brown micaceous SL  
13

617  
Orange brown rooted SL  
1 Orange brown micaceous L w/ 15-20% firm sap  
2/2 Orange brown micaceous SL w/ <10% weak sapolite  
12

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2ND INCH	PI/FH
5/11/04	616	5/13	8:53	8:57	9:07	10	P
5/11/04	620	3/13	9:00	9:34	F@3'	730	F
5/11/04	618	13V	Similar to 616 @ 4'			8-15	P
	625	5/13	9:11	9:12	9:15	3	P
	617	4/12	9:25	9:27	9:30	3	P
	620	13V	0.4 @ 5/2	Similar to 616		8-15	P

REMARKS Note: 625/619 + 617/621 shunt holes  
 SANITARIAN J. Porci BACKHOE Level L and OTHERS \_\_\_\_\_  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

Signed per *[Signature]*  
1/22/07

Credit 68 LF

PERIMETER ONE LOT 2  
Credit 93 LF

Credit 52 LF

LOT 2  
51,072sf±

LOT 3  
55,111sf±

LOT 4  
50,886sf±

3R  
514  
FF: 553.70  
B: 543.70

3R  
434  
FF: 545.70  
B: 535.70

3R  
454  
FF: 547.70  
B: 537.70

Septic Easement  
10,003 SF

Septic Easement  
10,006 SF

Septic Easement  
10,007 SF

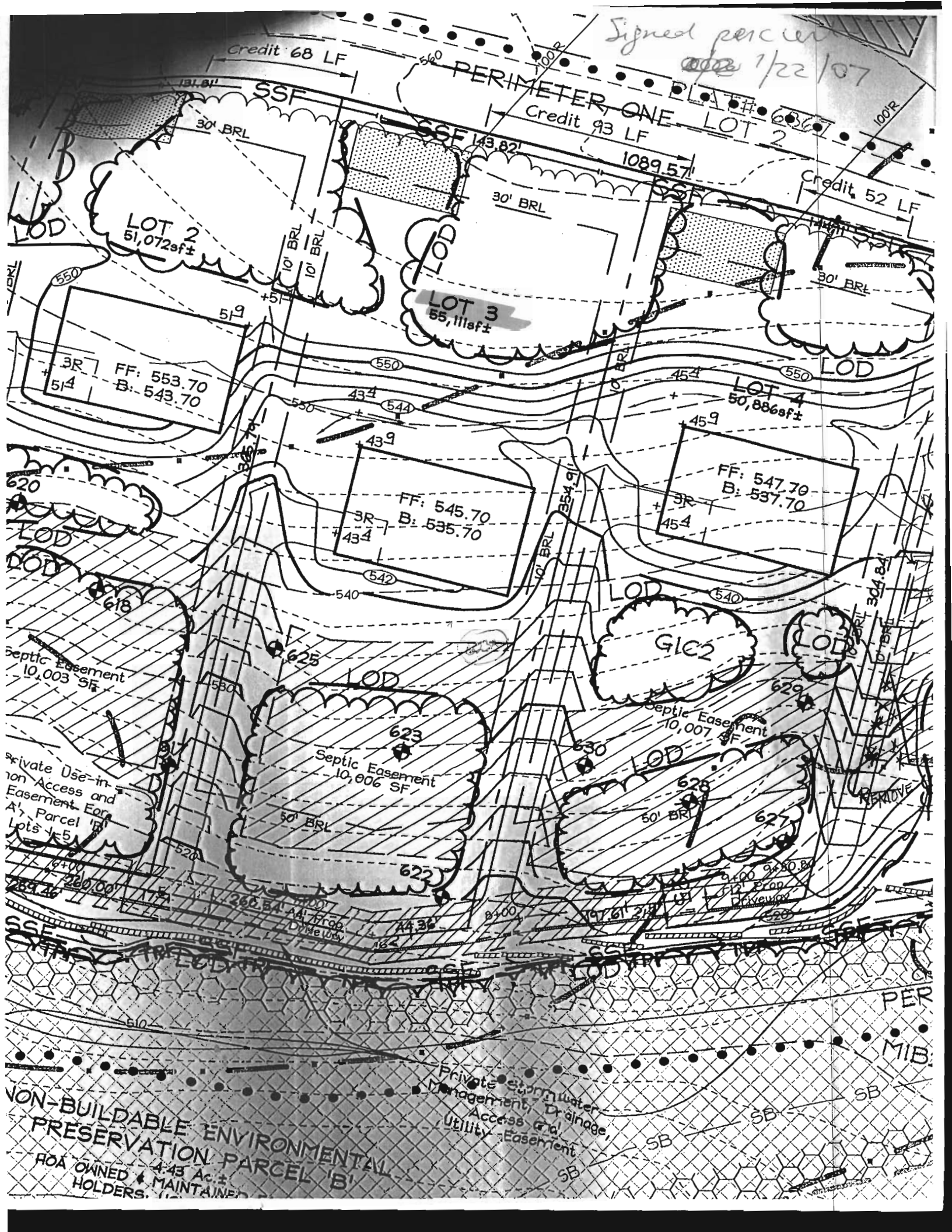
Private Use-in-  
on Access and  
Easement For  
A', Parcel 'B'  
Lots 1-5

NON-BUILDABLE ENVIRONMENTAL  
PRESERVATION PARCEL 'B'  
HOA OWNED & MAINTAINED  
HOLDERS

Private Easement  
Management, Drainage,  
Access & Utility Easement

PER  
MIB

SB  
SB  
SB  
SB

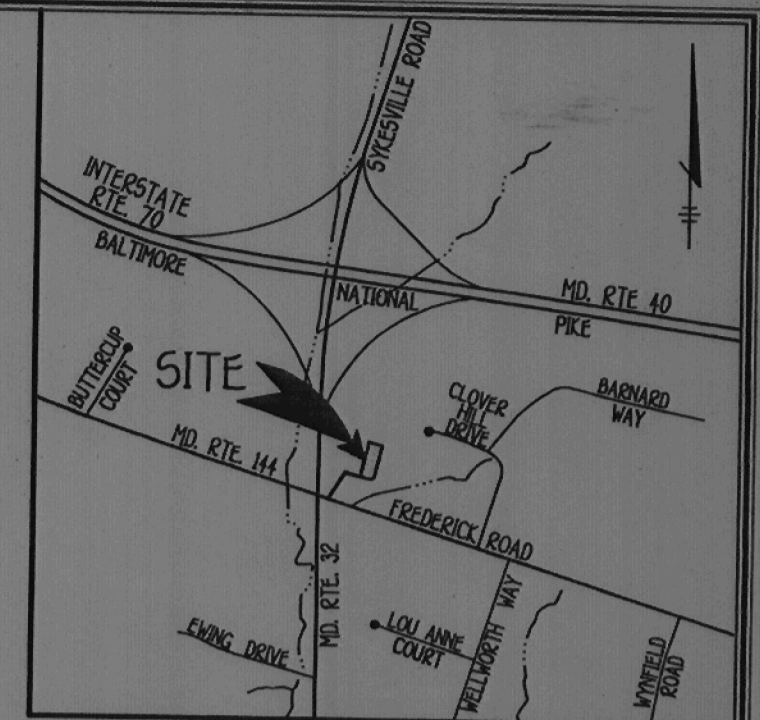


**LEGEND**

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- GLB2 SOIL LINES AND TYPES
- MLC2
- DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊠ DENOTES PROPOSED HOUSE
- ▨ DENOTES 15%-24.9% SLOPES
- ▩ DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 SQ.FT. ALTERNATE WELL SITE

SOILS LEGEND		
SOIL	NAME	CLASS
GIB2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
GIC2	Glenelg loam, 8 to 15 percent slopes, moderately eroded	B

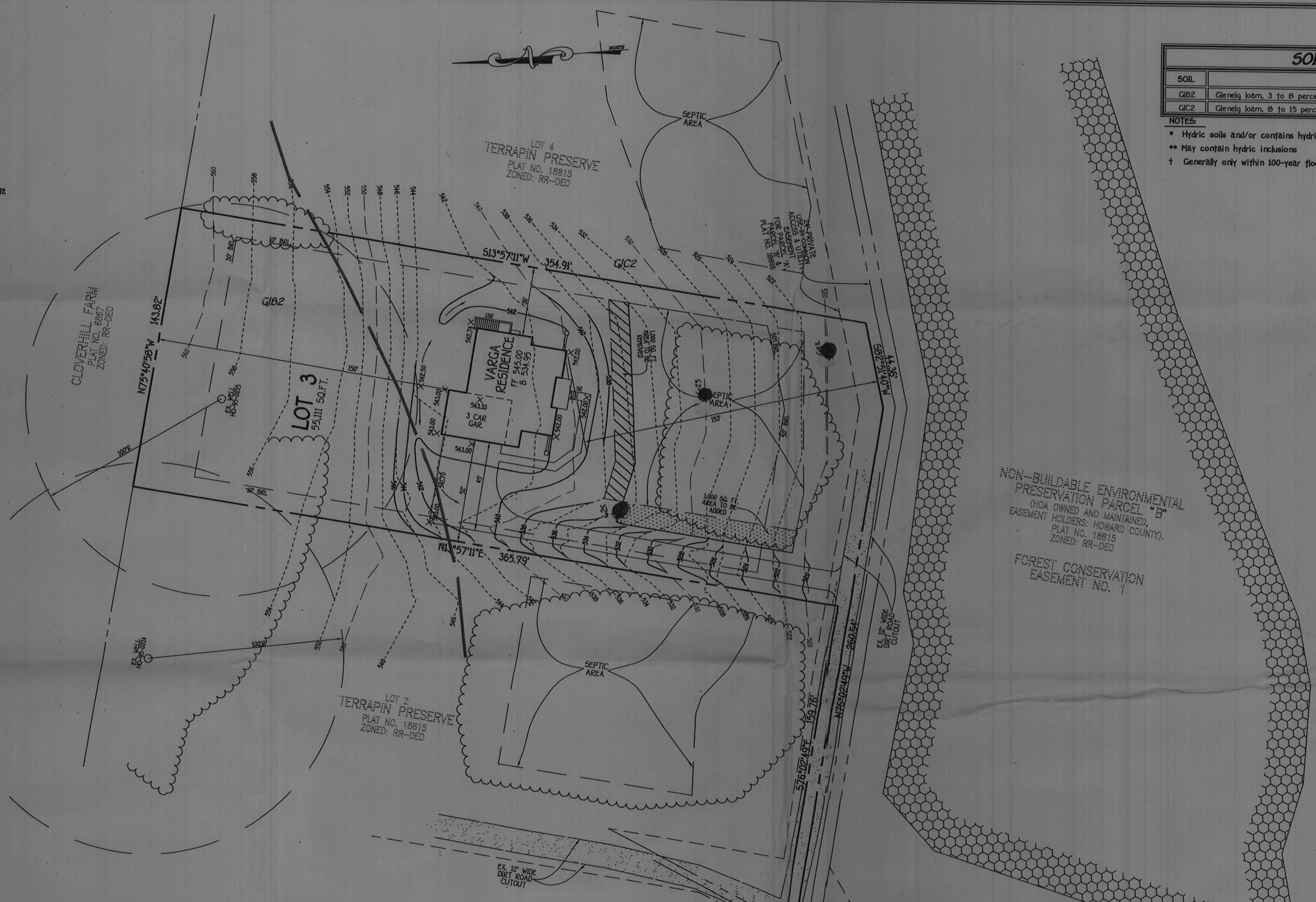
- NOTES:
- \* Hydric soils and/or contains hydric inclusions
  - \*\* May contain hydric inclusions
  - † Generally only within 100-year floodplain areas



VICINITY MAP  
SCALE: 1" = 2000'

**GENERAL NOTES:**

1. 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. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. EXISTING WELL ON LOT 3 AS BEEN FIELD LOCATED FISHER COLLINS & CARTER, INC. APRIL, 2007.
7. TOPOGRAPHY SHOWN IS FIELD RUN BY FISHER COLLINS & CARTER, INC. APRIL, 2007.
8. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
9. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN
10. DEED REFERENCE LIBER 3078 FOLIO 613.



NON-BUILDABLE ENVIRONMENTAL PRESERVATION PARCEL "B"  
(HCA OWNED AND MAINTAINED)  
EASEMENT HOLDERS: HOWARD COUNTY,  
PLAT NO. 18815  
ZONED: RR-DEC

FOREST CONSERVATION EASEMENT NO. 1

EX 12' WIDE DIRT ROAD CUTOUT

EX 12' WIDE DIRT ROAD CUTOUT

PRIVATE STORM DRAIN

- 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. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
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- DEED REFERENCE LIBER 3076 FOLIO 613.



**PERC CERTIFICATION**

I certify that the location of the proposed private water and private sewerage systems are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

*Terrell A. Fisher*  
 Signature of Professional Land Surveyor  
 Terrell A. Fisher, Professional Land Surveyor, No. 10692

6/2/07  
 Date

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT.

*Nelson for Peter Beilensen, MD*  
 COUNTY HEALTH OFFICER

7/2/07  
 DATE

**OWNER/DEVELOPER**

PETE & SHERRY VARGA  
 5915 TRUMPET SOUND COURT  
 CLARKSVILLE, MARYLAND 21029  
 973-930-8227

REVISED PERC CERTIFICATION PLAN  
**TERRAPIN PRESERVE**  
 LOT 3

PLAT NO. 18815  
 ZONED: RR-DEO

TAX MAP NO.: 15 GRID NO.: 11 PARCEL NO.: 72  
 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 30' DATE: JUNE, 2007

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21042  
 410-461-2995

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