

# APPLICATION

5/1/98  
LAWO  
LIC P67  
CONTAMINANT'S REQUEST

PERCOLATION TESTING

A AS10102

P \_\_\_\_\_

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

10100 5-1-98  
TENTATIVE  
APPLICANT TO PROVIDE  
WELL ASSOCIATED WFO  
FOR ADJACENT PROPS

DISTRICT \_\_\_\_\_

DATE 4-27-98

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

TEST DATE CONFIRMED W/ DAWN BORCHERS 4-28  
SHE MAY ELECT TO PROVIDE DATA ON ADJACENT  
WELL ASSOCIATED AFTER TESTING.

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

PROPERTY OWNER Eileen Phelan

ADDRESS 4535 SW 54th Pl. PHONE 301-502-6948 CELLPHONE

AGENT OR PROSPECTIVE BUYER Daniel Fitzgerald / Dawn Borchers Filing for test 301-879-7017/3040

ADDRESS 1409 Crockett Lane Silver Spring 20904 PHONE 301-236-9296

PROPERTY LOCATION: 14280 Tridelphia Mill Rd.

SUBDIVISION \_\_\_\_\_ LOT NO. 7

ROAD AND DESCRIPTION 14280 Tridelphia Mill Rd. Address poss Tridelphia Rd.

TAX MAP 27 PARCEL # 82 Block # 18 1145/679 (Deed)

SIZE OF LOT 5 acres TYPE BLDG. Single  
(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. Dawn E. Borchers for Dan Fitzgerald  
(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

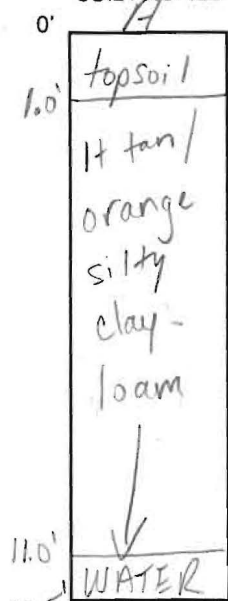
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

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

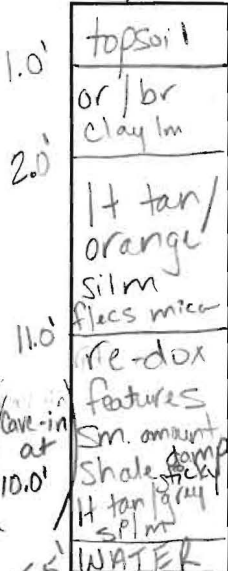
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

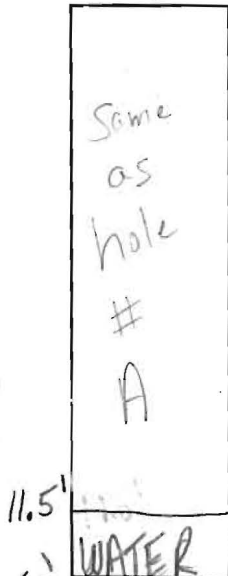
SOIL PROFILE



B

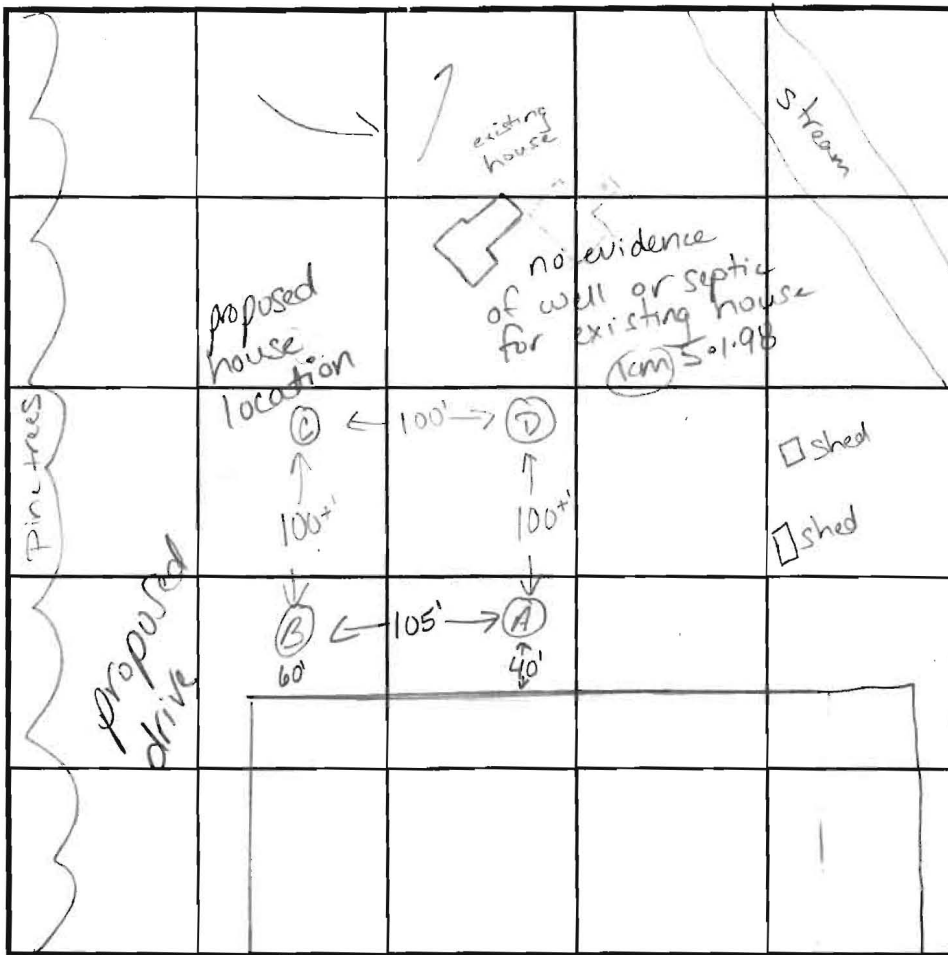
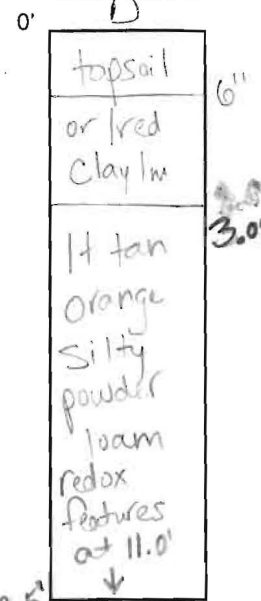


C



11.5'  
15.0'

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Triadelphia Mill Rd.

| DATE   | TEST NO. | DEPTH  | PRE-WET             |                    | TEST - 1" DROP     |       | TIME |
|--------|----------|--------|---------------------|--------------------|--------------------|-------|------|
|        |          |        | START               | STOP               | START              | STOP  |      |
| 5-1-98 | A        | 2.0'S  | 12:50 <sub>45</sub> | 12:52              | 12:52              | 12:54 | 2min |
|        |          | 12.5'D | visual              | ok                 | - see profile      |       |      |
|        | B        | 2.0'S  | 1:14 <sub>30</sub>  | 1:17 <sub>30</sub> | 1:17 <sub>30</sub> | 1:22  | 4:30 |
|        |          | 15.5'D | visual              | - see profile      |                    |       |      |
|        | C        | 15.0'D | visual              | ok - see profile   |                    |       |      |
|        |          | 3.5'S  | 2:05 <sub>10</sub>  | 2:08 <sub>30</sub> | 2:08 <sub>30</sub> | 2:13  | 4:30 |
|        |          | 13.5'D | visual              | ok - see profile   |                    |       |      |

REMARKS test holes not staked

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

TESTED BY Kim Maiste ALSO PRESENT Donald & Jeff of Fryck's

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3-4 minutes TRENCH WIDTH \_\_\_\_\_

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



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HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

May 4, 1998

Mr. Daniel Fitzgerald  
1409 Crockett Lane  
Silver Spring, Maryland 20904

RE: Percolation Test Results  
Application # A 510102  
14280 Triadelphia Mill Road

Dear Mr. Fitzgerald:

Percolation testing conducted May 1, 1998 on the above referenced property indicated limited satisfactory soil conditions due to insufficient depth to groundwater. Copies of the percolation test results are enclosed.

Further review is contingent upon submission by a registered engineer of a percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site. The plat should also include the location of all existing wells and septic systems on the property as well as the location of any other relevant features such as streams, swales, or existing structures. A note must be included certifying that all wells and septic systems within 100' of property boundaries have been shown.

This should be submitted within sixty (60) days to allow field verification if necessary. If you have any questions regarding this matter, please feel free to contact me at the above address or by calling (410) 313-2640.

Very truly yours,

*Kimberly Maiste*  
Kimberly Maiste, Sanitarian  
Water and Sewerage Program

:KM  
Enclosures  
cc: file

**B. PETER & LISA C. HEIMLICHER**  
**7032 MINK HOLLOW ROAD**  
**HIGHLAND, MARYLAND 20777**  
DAY: (Peter) 301-236-8124, (Lisa) 410-964-5522  
EVENING: 301-924-3944, CELL: (Peter) 301-367-3084  
FAX: (Peter) 301-236-8797, (Lisa) 410-964-2620  
E-MAIL: (Peter) [bpheim@yahoo.com](mailto:bpheim@yahoo.com), (Lisa) [scriv2@connex.net](mailto:scriv2@connex.net)

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March 1, 2005

VIA FACSIMILE (410-313-2648)  
Howard County Health Department  
Bureau of Environmental Health  
ATTN: John Boris, Supervisor, Well & Septic Program  
7178 Columbia Gateway Drive  
Columbia, Maryland 21046

Re: 14280 Triadelphia Mill Road, Dayton, Maryland 21036

Dear Mr. Boris:

My husband and I recently purchased the above-referenced property. As you may or may not recall, before we purchased this property, I spoke to you directly about whether the Health Department would accept the perc testing results found in the attached test. You indicated that the Health Department *would accept* the perc results.

Before we begin the site plan approval process, it is imperative that we receive written confirmation of such approval so that we can proceed accordingly. We are fully aware that we would need to install any well and septic system in conformance with the locations/results found on the perc results sheet and in conformance with all applicable regulations.

Thank you for your time and consideration of this matter. Please feel free to call me at 410-964-5522 should you have any questions or concerns.

Sincerely,



Lisa C. Heimlicher

Called on 3/15/05  
Perc O.K.

# APPLICATION

5/1/98  
1100 P67  
CONTRACT # 109165T

### PERCOLATION TESTING

A AS1010Z

P \_\_\_\_\_

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

1000 5-1-98  
PERMITS  
APPLICANT TO ADJUST  
W/ELICOTT MILLS  
FOR ADJACENT AREA

DISTRICT \_\_\_\_\_

DATE 4-27-98

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

TEST DATE CONTINUED W/ DAWN BORDEN 4-28  
SHE MAY ELECT TO CHANGE DATA ADJACENT  
W/ELICOTT MILLS AREA TESTING.

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

PROPERTY OWNER Eileen Phelan

ADDRESS 4535 SW 54th Pl. PHONE 301-502-6848 CELLPHONE

AGENT OR PROSPECTIVE BUYER Daniel Fitzgerald Dawn Borden Filing for test  
Silver Spring MD 20904 301-879-7017

ADDRESS 1409 Crockett Lane PHONE 301-236-9296

PROPERTY LOCATION: 14280 Tridelphia Mill Rd.

SUBDIVISION \_\_\_\_\_ LOT NO. 7

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Dawn E. Borden for Dan Fitzgerald  
(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

110,216 (2-92)

Post-It Fax Note 7671 Date 2/11/05 # of pages 2

To Lisa Hemminger From Peter

Co./Dept. Co.

Phone # Phone #

98 - location

1510102 COUNTY#

SOIL PROFILE A

topsoil

14 tan/orange silty clay-loam

↓

WATER

B

topsoil

or br clay lo

14 tan/orange silty loam

Fe-diox features

Sm amount shale

14 tan/orange silty loam

↓

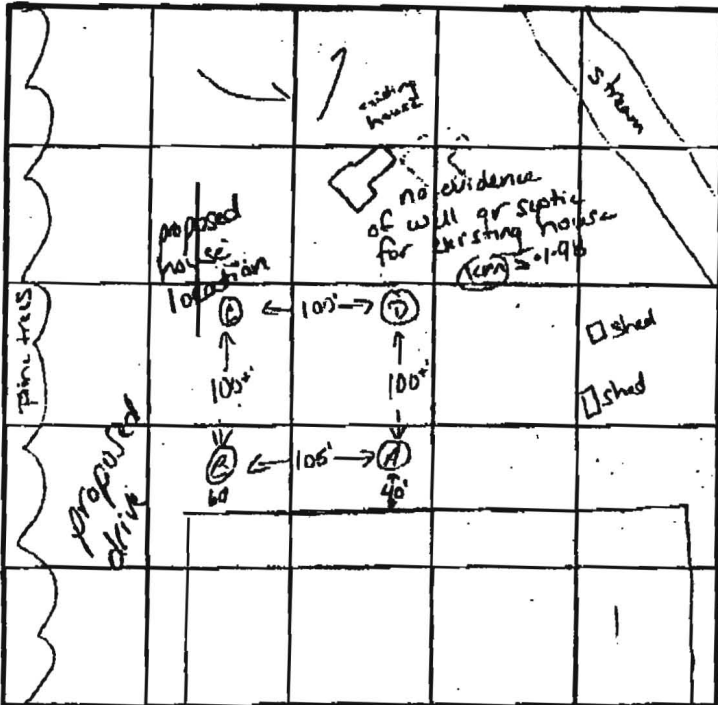
WATER

C

Same as hole # A

↓

WATER



SOIL PROFILE B

topsoil

or red clay lo

14 tan orange silty powder loam

Fe-diox features c. 11.5'

↓

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Triadelphia Hill Rd.

| DATE   | TEST NO. | DEPTH  | PRE-WET             |                    | TEST-1" DROP       |       | TIME |
|--------|----------|--------|---------------------|--------------------|--------------------|-------|------|
|        |          |        | START               | STOP               | START              | STOP  |      |
| 5.1.98 | A        | 2.0' S | 12:50 <sub>45</sub> | 12:52              | 12:52              | 12:54 | 2:10 |
|        |          | 12.5'D | visual              | ok - see profile   |                    |       |      |
|        | B        | 2.0' S | 1:14 <sub>30</sub>  | 1:17 <sub>30</sub> | 1:17 <sub>20</sub> | 1:22  | 4:30 |
|        |          | 15.5'D | visual              | - see profile      |                    |       |      |
|        | C        | 15.0'D | visual              | ok - see profile   |                    |       |      |
|        | D        | 3.5' S | 2:05 <sub>10</sub>  | 2:08 <sub>20</sub> | 2:08 <sub>30</sub> | 2:13  | 4:30 |
|        |          | 13.5'D | visual              | ok - see profile   |                    |       |      |

REMARKS test holes not staked

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

TESTED BY Kim Muck ALSO PRESENT Shrad & Jeff of Fyrek's

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 34 minutes TRENCH WIDTH \_\_\_\_\_

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

**B. PETER & LISA C. HEIMLICHER**  
**7032 MINK HOLLOW ROAD**  
**HIGHLAND, MARYLAND 20777**  
DAY: (Peter) 301-236-8124, (Lisa) 410-964-5522  
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FAX: (Peter) 301-236-8797, (Lisa) 410-964-2620  
E- MAIL: (Peter) [bpheim@yahoo.com](mailto:bpheim@yahoo.com), (Lisa) [scriv2@connext.net](mailto:scriv2@connext.net)

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February 14, 2005

Howard County Health Department  
Bureau of Environmental Health  
ATTN: Brian Baker  
7178 Columbia Gateway Drive  
Columbia, Maryland 21046

Re: 14280 Triadelphia Mill Road, Dayton, Maryland 21036

Dear Mr. Baker:

My husband and I have purchased the above-referenced property. We are going to be demolishing the existing house (very old farmhouse). In order to obtain a demolition permit from the County, we need a letter from your office stating that we have approval from your office to obtain the permit.

We have had a contractor, Mike Johnson of Associated Excavators, Inc., go to the property with a backhoe and search for any existing well or septic which might need to be abandoned. Mr. Johnson stated that he backhoed all around the house and searched the property for any existing well or septic but could find none. He went at least 18 feet deep and 40 feet in diameter.


The findings of our contractor are consistent with the findings of your office when it oversaw perc testing performed on the property in 1997. At that perc testing, the health official, Kim Maisle, wrote that she could find no evidence of an existing well or septic.

The findings of both our contractor and the official from your department are consistent with the history of this house. This is a very old house and no one has lived there for about eight years. The last resident was in the middle of "renovations", but it has been confirmed by neighbors that he had no running water.

For the above stated reasons, we are seeking a letter from your office giving us your approval to obtain a demolition permit. Thank you for your time.

Sincerely,

  
Lisa C. Heimlicher

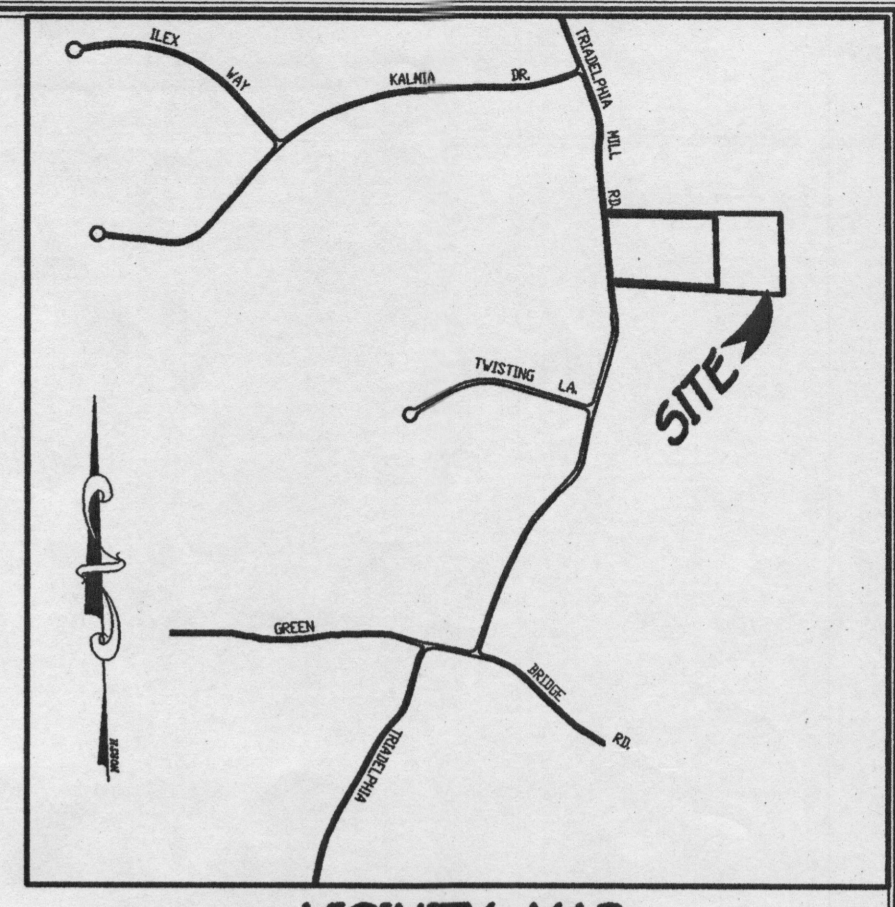
2/18/05  
Confirmed With  
Mike Johnson No Well  
or Septic Located.  


**LEGEND**

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- ⊙ DENOTES FAILED PERC
- ⊙ DENOTES PASSED PERC
- ▭ DENOTES PROPOSED HOUSE
- ▭ DENOTES 25% AND GREATER SLOPE
- ▭ DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

| SOILS LEGEND |   |       |
|--------------|---|-------|
| SOIL         | NAME  | CLASS |
| * GrB2       | Glenville silt loam, 3 to 8 percent slopes, moderately eroded | C     |
| MI B2        | Manor loam, 3 to 8 percent slopes, moderately eroded          | B     |
| MI D3        | Manor loam, 15 to 25 percent slopes, severely eroded          | B     |
| MI C2        | Manor loam, 8 to 15 percent slopes, moderately eroded         | B     |

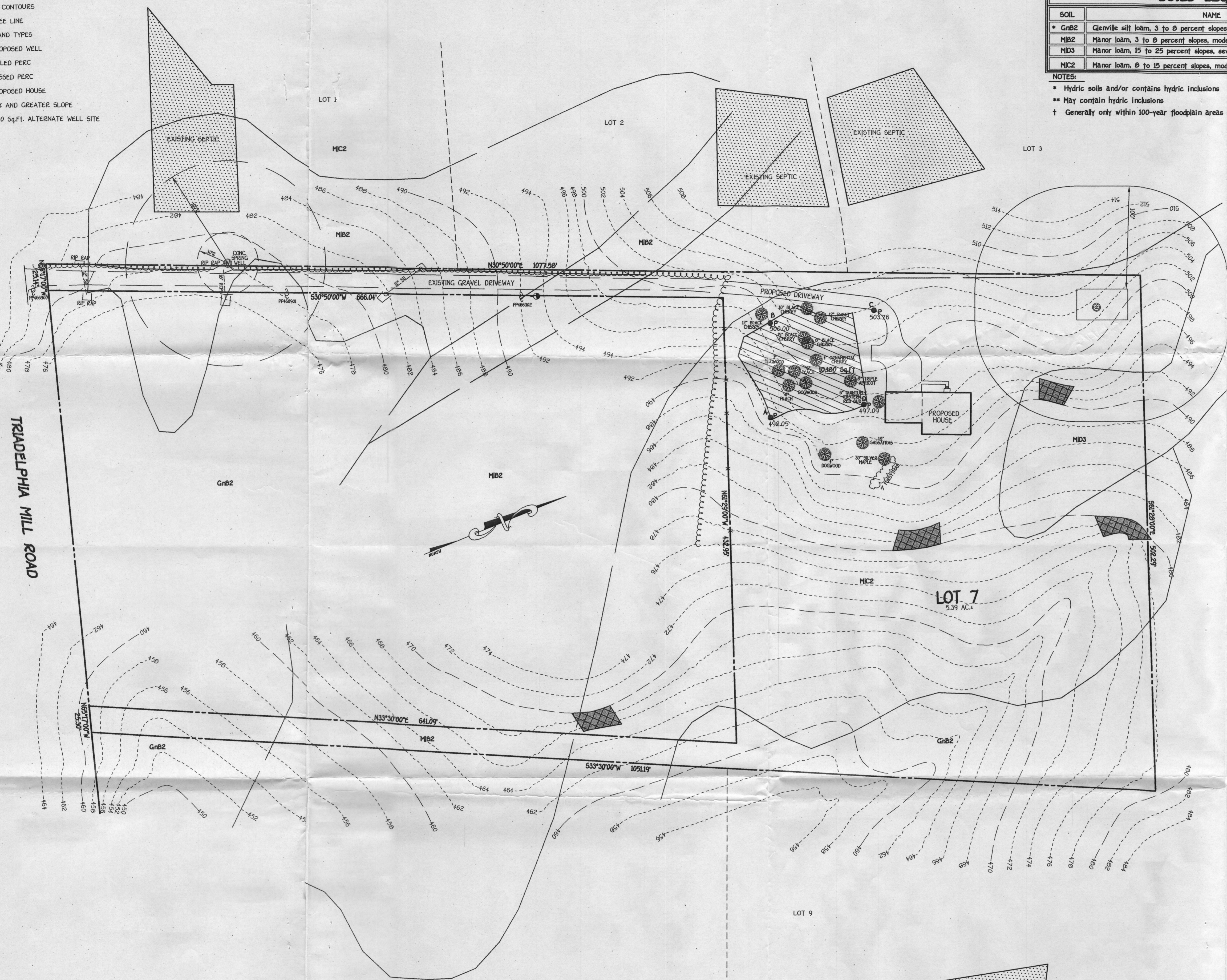
- NOTES:**
- \* Hydric soils and/or contains hydric inclusions
  - \*\* May contain hydric inclusions
  - † Generally only within 100-year floodplain areas



**VICINITY MAP**  
SCALE: 1" = 1200'

**GENERAL NOTES:**

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 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. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
4. HOUSE SITE SHOWN COMPLIES WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
5. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
6. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD TOGETHER WITH FIELD BOUNDARY SURVEY LOCATIONS.
7. PERCOLATION TEST SITES A, B, C, & D WERE LOCATED BY FIELD SURVEY FROM SURFACE GROUND DEPRESSIONS VISIBLE ON SITE. THE PERCOLATION TESTS WERE PERFORMED APRIL 21, 1998.
8. WELL TO BE DRILLED PRIOR TO BUILDING PERMIT APPROVAL.



PERC CERTIFICATION PLAT

I certify that the information shown hereon are based on field locations done under my direct supervision and are true to the best of my professional knowledge and belief.

Signature of Professional Land Surveyor: *Terrell A. Fisher* 5/2/05  
Terrell A. Fisher, Professional Land Surveyor No. 10692 DATE

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

Signature of County Health Officer: *Robert A. Walden* 5/11/05  
COUNTY HEALTH OFFICER DATE

**OWNER AND DEVELOPER**  
MR. AND MRS. S. PETER HEIMLICH  
7032 MINK HOLLOW ROAD  
HIGHLAND, MARYLAND 20777-9770

**PERC CERTIFICATION PLAT**  
**14280 TRIADELPHIA MILL ROAD**  
**LOT 7**

TAX MAP \*27 ZONED: RR-DEO PARCEL: 02  
FIFTH ELECTION DISTRICT GRID: 18 HOWARD COUNTY, MARYLAND  
SCALE 1" = 50' DATE: APRIL 12, 2005  
REVISED DATE: MAY 2, 2005

PERCOLATION TEST RESULTS: A510102