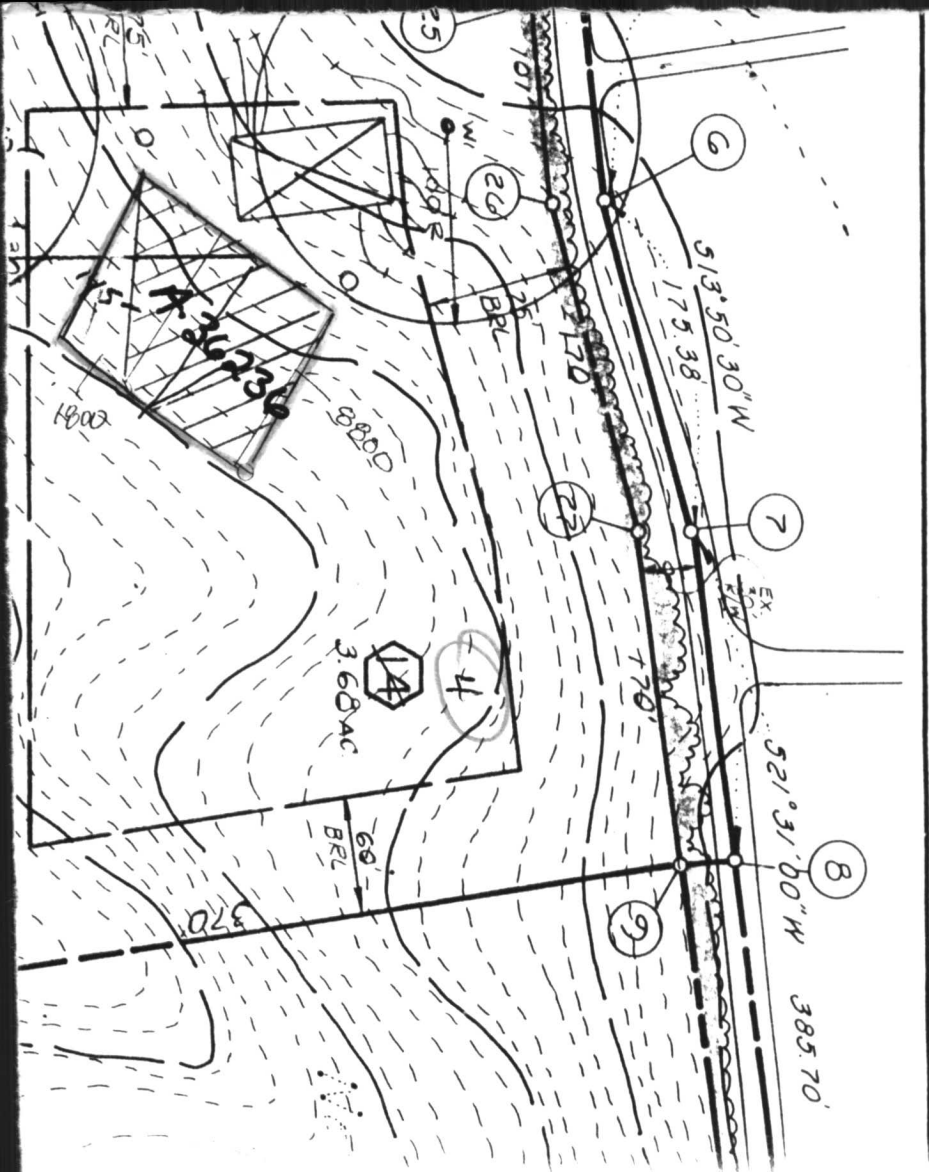


Munsell charts  
Need: Lock level  
USDA Soil Description Sheets  
Trowel  
25' & 100' tape measure  
Perc applications  
Stakes for conventional tests

Mr. Eakle:

Contact to confirm hoe  
available  
Shovel, water, sledge hammer  
OK 6-21-90





---

## HOWARD COUNTY HEALTH DEPARTMENT

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

July 24, 1990

*Reply to:*

Mr. William E. Eakle  
2582 Thompson Drive  
Marriottsville, Maryland 21104

RE: Percolation Testing Application  
County Number: A46056  
Proposed Subdivision  
Lot 4A - Wooded Acres  
Thompson Drive

Dear Mr. Eakle:

Percolation testing conducted June 28, 1990 on the above referenced property indicated unsatisfactory soil conditions. A copy of the test results is enclosed.

The lot failed to qualify under subdivision criteria because of insufficient depth of unsaturated, permeable soil. Tests in the surface soil horizons produced percolation times too slow to be considered for sand mound installation.

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 461-9933.

Very truly yours,

*Craig Williams, SEN*

Craig Williams, Director  
Water and Sewerage Program

CS:jr

Enclosure

# APPLICATION

PERCOLATION TESTING

A 46056

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 03

DATE 6-14-90  
5-18-90

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER William E. Eakle

ADDRESS 2582 THOMPSON DR. MARRIDITSVILLE MD. 21104 442-1631

PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION WOODED ACRES LOT NO. 4 A

ROAD AND DESCRIPTION 2582 THOMPSON DR. - off 144  
West of Triadelphia Rd. SEE ATTACHED PLAT

TAX MAP 16 PARCEL # 306

SIZE OF LOT 3 1/2 acres TYPE BLDG. SINGLE FAMILY  
(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.

William E. Eakle  
(SIGNATURE OF APPLICANT)

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

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING 6-28-90 slow soils not recommended for sand mound testing. JEN

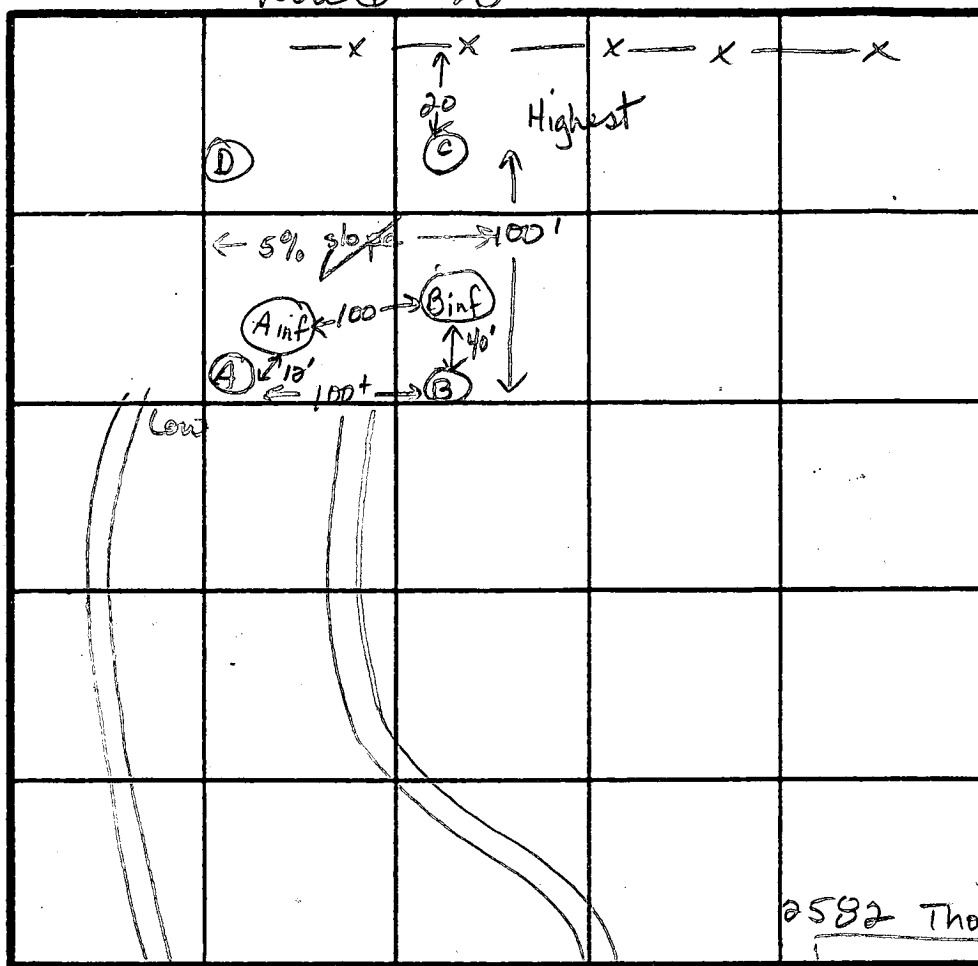
HD-216

## THIS IS NOT A PERMIT



**SOIL PROFILE**

|      |                |      |
|------|----------------|------|
| 0"   | Organics       | 0    |
| 6"   | roots, loam    |      |
|      | Br sa c 1      | Al   |
|      | 7.5YR 6/4      |      |
| 22"  | Yellow-br      | Bt   |
|      | sa c 1, 10YR   | 5/6, |
|      | mottles        |      |
|      | 10YR 6/4       |      |
| 35"  | Red-br         | C    |
|      | c sa 1, 7.5YR, |      |
|      | 5/6,           |      |
|      | decomposed     |      |
|      | schist         |      |
|      | ~ 200/6,       |      |
|      | mottles        |      |
| 6'8" | Water          |      |
| 9'   | Bottom         |      |



2582 Thompson Drive

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Driveway

Existing House.

| DATE    | TEST NO.        | DEPTH         | PRE-WET           |               | TEST - 1" DROP       |      | TIME               |
|---------|-----------------|---------------|-------------------|---------------|----------------------|------|--------------------|
|         |                 |               | START             | STOP          | START                | STOP |                    |
| 6-28-90 | A conventional  | 26" S         | 10:35<br>10:35:54 | 2:00<br>12:35 | 1 inch<br>3/4 inch   |      | 205 min<br>120 min |
|         |                 | 9' D          | water             | at 6'         | 8"                   |      |                    |
|         | A infiltrometer | 13"           | 11:54<br>11:54:10 | 2:34<br>1:55  | 5/8 inch<br>1/2 inch |      | 160 min<br>121 min |
|         |                 |               |                   |               |                      |      |                    |
|         |                 |               |                   |               |                      |      |                    |
|         | B infiltrometer | 14"           | 12:32             | 2:32          | 15/16 inch           |      | 120 min            |
|         |                 |               |                   |               |                      |      |                    |
|         | B conventional  | 8'9" V        | water             | at 8'         | 2"                   |      |                    |
|         | C               | Not excavated |                   |               |                      |      |                    |
| ✓       | D               | "             | "                 |               |                      |      |                    |

REMARKS Soils at surface are very slow, greater than  
120 minutes / inch.

TYPE OF SOIL

TESTED BY

Jane E Nadeau

## ALSO PRESENT

Pat Lindrim  
Mr. Fakle

# SOIL DESCRIPTION

NAME Wooded Acres Lot-4A COUNTY Howard FILE NO \_\_\_\_\_  
 SOIL MAP UNIT \_\_\_\_\_ MAP SYMBOL \_\_\_\_\_ DATE 6-27-90  
 GEOLOGIC MATERIAL Schist - saprophyte ELEVATION \_\_\_\_\_ GRID NO \_\_\_\_\_  
 NO. B DESCRIBED BY Jane Nadeau \_\_\_\_\_

| Horizon | Depth<br>in. | Color        |         | Texture | Structure |      | % Rock<br>Fragments | Notes<br>(Moisture, Density, Biopores, Seepage) |
|---------|--------------|--------------|---------|---------|-----------|------|---------------------|-------------------------------------------------|
|         |              | Matrix       | Mottles |         | Grade     | Type |                     |                                                 |
| O       | 6            | —            | —       | sc1     | —         | —    | <10%                | Roots, organic mat, quartz<br>pieces            |
| A1      | 12           | 10YR<br>5/4  | —       | sacl    | —         | —    | —                   | Damp                                            |
| Bt      | 19           | 7.5YR<br>5/6 | —       | sacl    | —         | —    | —                   | Moist                                           |
| Bw      | 51           | 10YR<br>5/6  | —       | sa1     | —         | —    | <10%                | Moist                                           |
| C       | 105          | —            | —       | sa21    | —         | —    | <20%                | wet, mottles                                    |
|         |              |              |         |         |           |      |                     |                                                 |
|         |              |              |         |         |           |      |                     |                                                 |
|         |              |              |         |         |           |      |                     |                                                 |

## LANDSCAPE

Position  
 Summit ☒ Depression ☐  
 Shoulder ☐ Upland ☒  
 Sideslope ☐ Terrace ☐  
 Footslope ☐ Floodplain ☐

Slope  
 Percent 5  
 Shape \_\_\_\_\_

ED \_\_\_\_\_ MWD \_\_\_\_\_ PD \_\_\_\_\_  
 WD \_\_\_\_\_ SPD \_\_\_\_\_ VPD \_\_\_\_\_

## WATER TABLE

89 inches

## SOIL DRAINAGE CLASS

## LIMITING ZONE

## SOIL CLASSIFICATION

# SOIL DESCRIPTION

NAME Wooded Acres Lot-4A COUNTY Howard FILE NO \_\_\_\_\_  
 SOIL MAP UNIT \_\_\_\_\_ DATE 6-27-90  
 GEOLOGIC MATERIAL Schist-saprolite ELEVATION \_\_\_\_\_ GRID NO \_\_\_\_\_  
 NO. A DESCRIBED BY Jane Ndeau \_\_\_\_\_

| Horizon | Depth<br>in. | Color         |              | Texture | Structure |      | % Rock<br>Fragments | Notes<br>(Moisture, Density, Biopores, Seepage) |
|---------|--------------|---------------|--------------|---------|-----------|------|---------------------|-------------------------------------------------|
|         |              | Matrix        | Mottles      |         | Grade     | Type |                     |                                                 |
| O       | 6            | 7.5 YR<br>5/6 | —            | cl      | —         | —    | —                   | Roots, organic mat                              |
| A1      | 22           | 7.5 YR<br>5/6 | —            | sacl    | —         | —    | —                   | Biopores, roots<br>Damp                         |
| B       | 35           | 10 YR<br>5/6  | 10 YR<br>6/4 | sacl    | —         | —    | —                   | Moist                                           |
| C       | 108          | —             | —            | csal    | —         | —    | <20                 | Schist, relict structure evident<br>wet         |
|         |              |               |              |         |           |      |                     |                                                 |
|         |              |               |              |         |           |      |                     |                                                 |
|         |              |               |              |         |           |      |                     |                                                 |
|         |              |               |              |         |           |      |                     |                                                 |
|         |              |               |              |         |           |      |                     |                                                 |
|         |              |               |              |         |           |      |                     |                                                 |
|         |              |               |              |         |           |      |                     |                                                 |

## LANDSCAPE

Position  
 Summit \_\_\_\_\_  
 Shoulder ☒  
 Sideslope \_\_\_\_\_  
 Footslope \_\_\_\_\_

Slope  
 Percent 5  
 Shape \_\_\_\_\_

Depression  
 Upland ☒  
 Terrace \_\_\_\_\_  
 Floodplain \_\_\_\_\_

## SOIL DRAINAGE CLASS

ED \_\_\_\_\_ MWD \_\_\_\_\_ PD \_\_\_\_\_  
 WD \_\_\_\_\_ SPD \_\_\_\_\_ VPD \_\_\_\_\_  
 WATER TABLE  
72 inches

## LIMITING ZONE

## SOIL CLASSIFICATION

Send letter requesting: topo, certified  
perc hole locations (pre testing date),  
proposed house & well locations

Wet Season Testing Required JEN

\*  
5-31-90

Mr. Eakle will bring in  
plan w/ topo, proposed SDA  
house & well sites

PHONE 442-1631

William E. Eakle

2582 Thompson Dr.  
Marriottsville, MD 21104

5-18-90

The attached plat  
Shows proposed perc  
area for a proposed  
lot.

There may have  
been previous perc  
tests on the proposed  
lot.

William E Eakle

3525 N Elliott Mill Dr.

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.

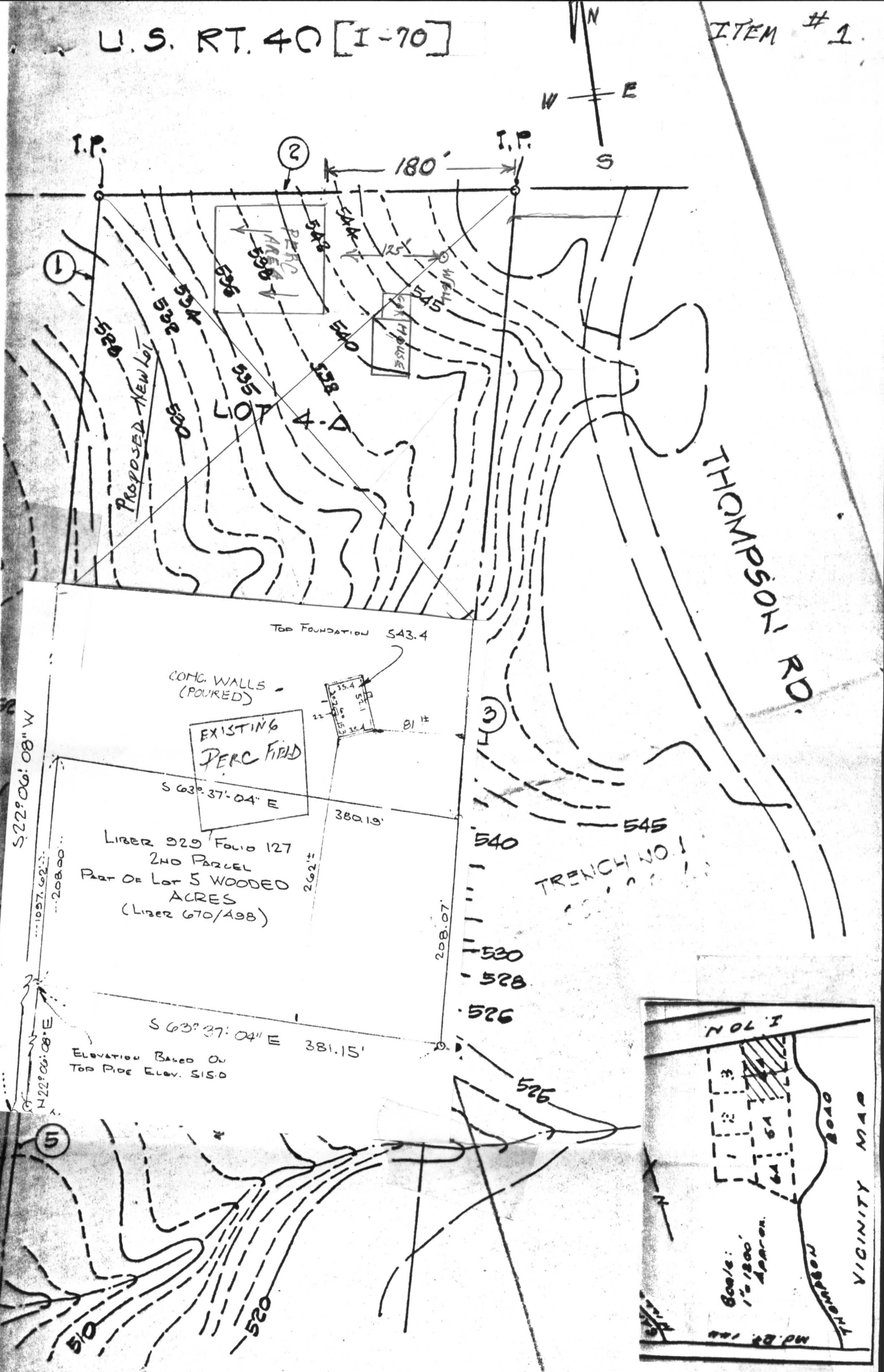
MAY 22 3 40 PM '90

SECTION OF  
ENVIRONMENTAL  
HEALTH

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
ELUGITTO CITY, MD.

MAY 21 2 56 PM '90

ITEM # 1.



6-14-90 WJS

PLAN

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT

JUN 19 4 07 PM '90

DIVISION OF  
ENVIRONMENTAL  
HEALTH

William E. Eakle  
2582 Thompson Dr.  
Marriottsville, MD 21104

June 14, 1990

Mrs. Jane Nadeau  
Bureau of Environmental Health  
Howard County Health Dept.  
3525 Edlicott Mills Dr.  
Edlicott City, Md. 21044

Dear Ms. Nadeau

As per our conversation on June 8, 1990,  
enclosed is (1) a Topo showing the location (ITEM #1.)  
of the proposed perc field on lot 4-A,  
Wooded Acres.

(2) REVISED LAYOUT SHOWING PERC AREA  
150' feet from East boundary line and  
20' feet from North boundary line.

And possible well location

I am planning for the perc test @ 10 AM  
6-28-80.

Sincerely  
Ted Eakle

442-1631

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT

JUN 19 4 07 PM '90

DIVISION OF  
ENVIRONMENTAL  
HEALTH

ITEM #2

INTERSTATE 70N

N 74° 24' 01" W

388.92

PROPOSED  
PERC AREA  
TO BE TESTED

4A

PROPOSED NEW LOT

LIBER 929 Folio 127

1st PARCEL

LOT 4 WOODED ACRES

(LIBER 670/494)

WELL  
125' FROM  
PERC AREA

1625.33'

594.38'

802.45'

N 21° 50' 24" E

TOP FOUNDATION 543.4

CONC. WALLS  
(POURED)

EXISTING  
PERC FIELD

S 63° 37' 04" E

LIBER 929 Folio 127

2ND PARCEL

PART OF LOT 5 WOODED

ACRES

(LIBER 670/498)

S 22° 06' 08" W

1097.62'

208.00'

262.1'

208.07'

S 63° 37' 04" E

381.15'

ELEVATION BASED ON  
TOP PILE ELEV. 515.0

N 22° 06' 08" E

N 37° 20' 16" W

445.64

457.28

6-12-98 = CHANGED  
LOCATION DISTANCE FROM  
EAST BOUNDARY LINE  
FROM 150' TO 180'

SEE

HEREBY CERTIFY THAT I HAVE MADE A SURVEY OF THIS  
FOR THE PURPOSE OF LOCATING THE IMPROVEMENTS  
AND THAT THEY ARE LOCATED AS SHOWN.

10-10-86 John C. Mellema

THIS PLAT IS NOT INTENDED FOR USE IN ESTABLISHING PROPERTY LINES

LOCATION SURVEY

2582 THOMPSON DRIVE HOWARD CO MD.

JOHN C. MELLEMA SR., INC.

LAND SURVEYORS

6100 BALTIMORE NATIONAL PIKE BALTIMORE MD. 21228

DATE

10-10-86

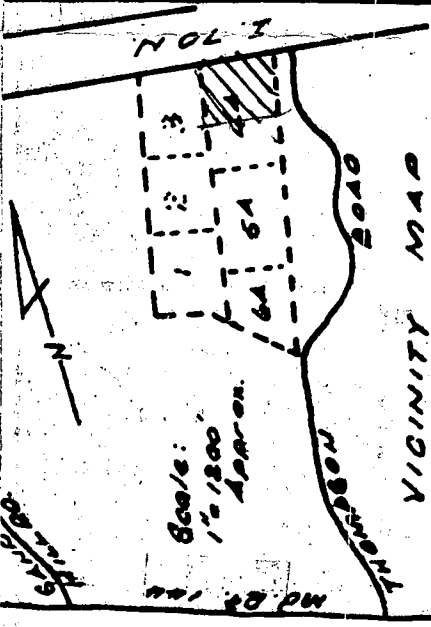
SCALE

1"=100'

JOB NO.

861709

VICINITY MAP



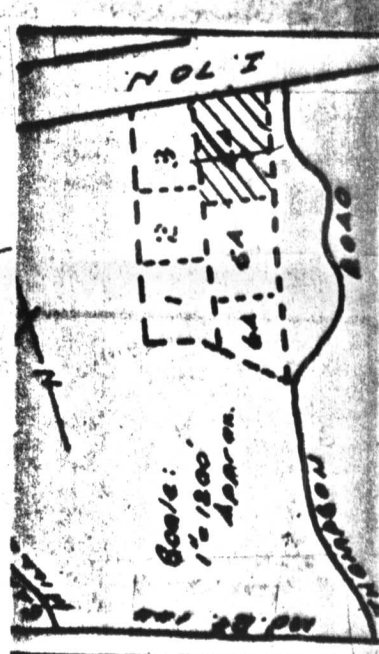
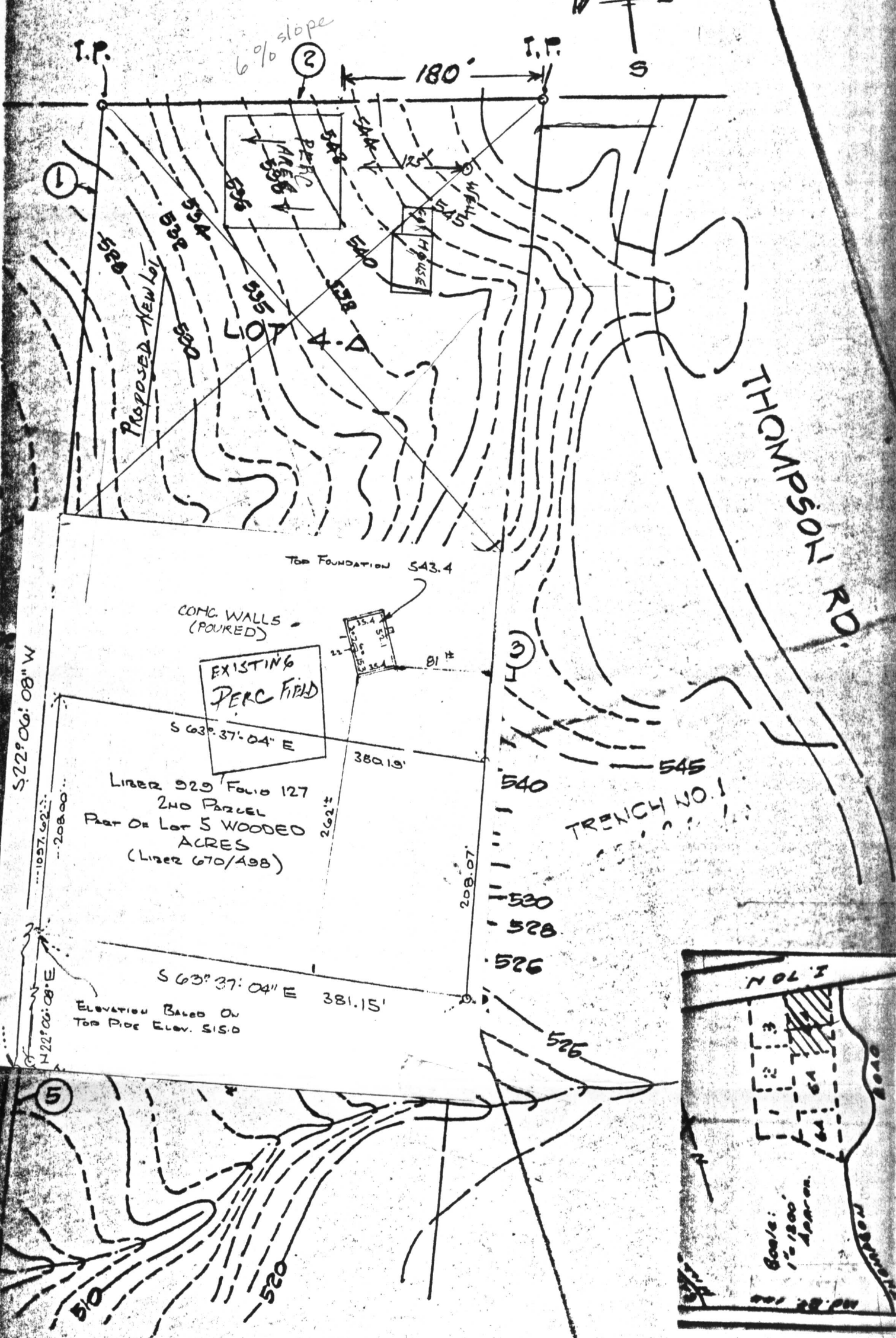
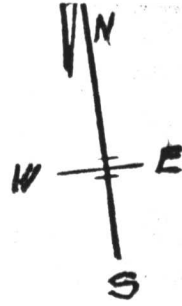
RECEIVED  
HOWARD COUNTY  
HEALTH DEPT

JUN 19 4 07 PM '90

DIVISION OF  
ENVIRONMENTAL  
HEALTH

U.S. RT. 40 [I-70]

ITEM # 1



William E. Eakle  
2582 Thompson Dr.  
Marriottsville, MD 21104

PLAN

6-14-90

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT

JUN 19 4 07 PM '90

DIVISION OF  
ENVIRONMENTAL  
HEALTH

# APPLICATION

PERCOLATION TESTING

A 46056

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 03

DATE 6-14-90  
5-18-90

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER William E. Eakle

ADDRESS 2582 Thompson Dr, Marriottsville, Md. 2104 PHONE 442-1631

PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION Wooded Acres LOT NO. 4A

ROAD AND DESCRIPTION 2582 Thompson Dr off 144

West of Triadelphia Rd. SEE ATTACHED PLOT

TAX MAP 16 PARCEL # 306

SIZE OF LOT 3 1/2 Acres TYPE BLDG SINGLE FAMILY  
(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.

William E. Eakle  
(SIGNATURE OF APPLICANT)

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

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

HD-216

## THIS IS NOT A PERMIT

SOIL PROFILE

0'

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | TEST NO. | DEPTH | PRE-WET |      | TEST - 1" DROP |      | TIME |
|------|----------|-------|---------|------|----------------|------|------|
|      |          |       | START   | STOP | START          | STOP |      |
|      |          |       |         |      |                |      |      |
|      |          |       |         |      |                |      |      |
|      |          |       |         |      |                |      |      |
|      |          |       |         |      |                |      |      |
|      |          |       |         |      |                |      |      |
|      |          |       |         |      |                |      |      |
|      |          |       |         |      |                |      |      |
|      |          |       |         |      |                |      |      |
|      |          |       |         |      |                |      |      |
|      |          |       |         |      |                |      |      |
|      |          |       |         |      |                |      |      |

REMARKS \_\_\_\_\_

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

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

INTERSTATE 70N

N 74° 24' 01" W

388.92

PROPOSED  
PERC  
AREA  
TO BE TESTED

4A

PROPOSED NEW LOT

LIBER 929 FOLIO 127

1ST PARCEL

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(LIBER 670/494)

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802.45'

TOP FOUNDATION 543.4

CONC. WALLS -  
(POURED)

EXISTING  
PERC FIELD

S 63° 37' 04" E

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PART OF LOT 5 WOODED  
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N 22° 06' 08" E

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381.15'

ELEVATION BASED ON  
TOP PDE ELEV. 515.0

N 37° 40' 16" W

445.64

S 37° 40' 16" E

457.28

THOMPSON III

W.E. Eakle

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AND THAT THEY ARE LOCATED AS SHOWN.

10-10-86 John C. Mellema

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LAND SURVEYORS

6100 BALTIMORE NATIONAL PIKE BALTIMORE MD. 21228

DATE

10-10-86

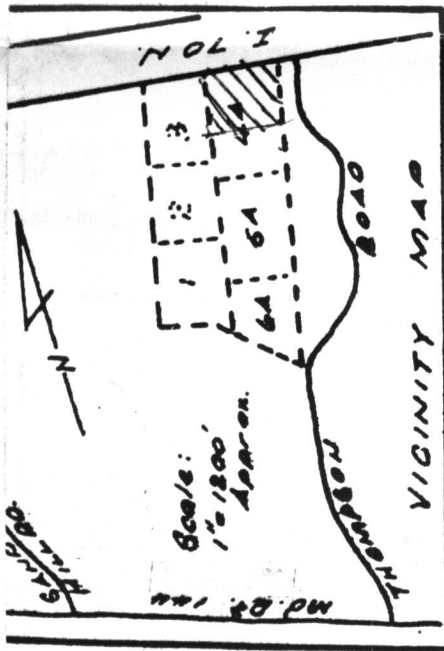
SCALE

1"=100'

JOB NO.

861709

William E. Eakle  
2582 Thompson Dr.  
Marriottsville, MD 21104



RECEIVED  
HOWARD COUNTY  
HEALTH DEPT

MAY 22 3 40 PM '90

DIVISION OF  
ENVIRONMENTAL  
HEALTH

U.S. RT. 40

1"=100'

