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## 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

June 14, 1990

Mrs. Jane Nadeau  
Bureau of Environmental Health  
Howard County Health Dept.  
3525 Edlicott Mills Dr.  
Edlicott City, Md. 21047

Dear Ms. Nadeau

As per our conversation on June 8, 1990,  
enclosed is (1) a Topo showing the location (ITEM #1.)  
of the proposed pure 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  
6-28-90.

Sincerely  
Ted Fagle

442-1631

ITEM #2

INTERSTATE 70N

N 74° 24' 01" W

388.92

180'

PROPOSED  
PERC ARED  
TO BE TESTED

4A

PROPOSED NEW LOT

LIBER 929 FOLIO 127

1ST PARCEL

LOT 4 WOODED ACRES

(LIBER 670/494)

WALL  
120' FROM  
PERC ARED

1625.33'

594.38'

802.45'

TOP FOUNDATION 543.4

CONC. WALLS -  
(POURED)

EXISTING  
PERC FIELD

S 63° 37' 04" E

389.19'

LIBER 929 FOLIO 127

2ND PARCEL

PART OF LOT 5 WOODED

ACRES

(LIBER 670/498)

S 22° 06' 08" W

1057.62'

208.00'

S 22° 06' 08" E

ELEVATION BASED ON  
TOP PICE ELEV. 515.0

S 63° 37' 04" E

381.15'

N 37° 40' 16" W

445.64'

457.28'

N 21° 50' 24" E

6-12-90 = 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

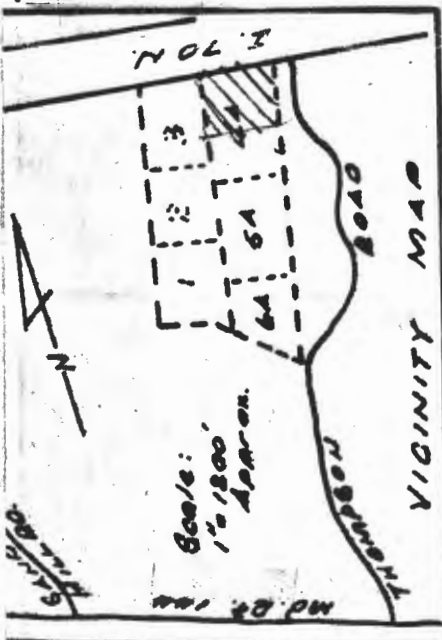
SCALE

1"=100'

JOB NO.

861709

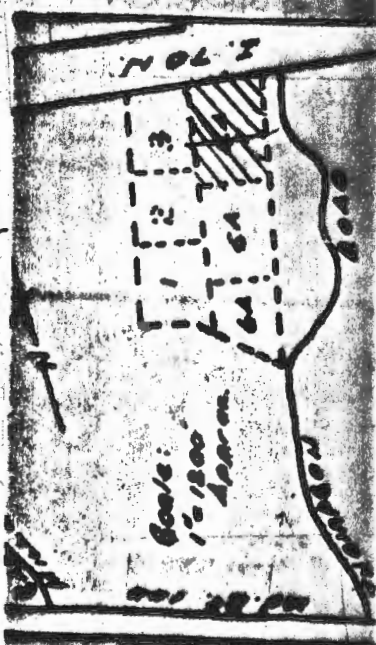
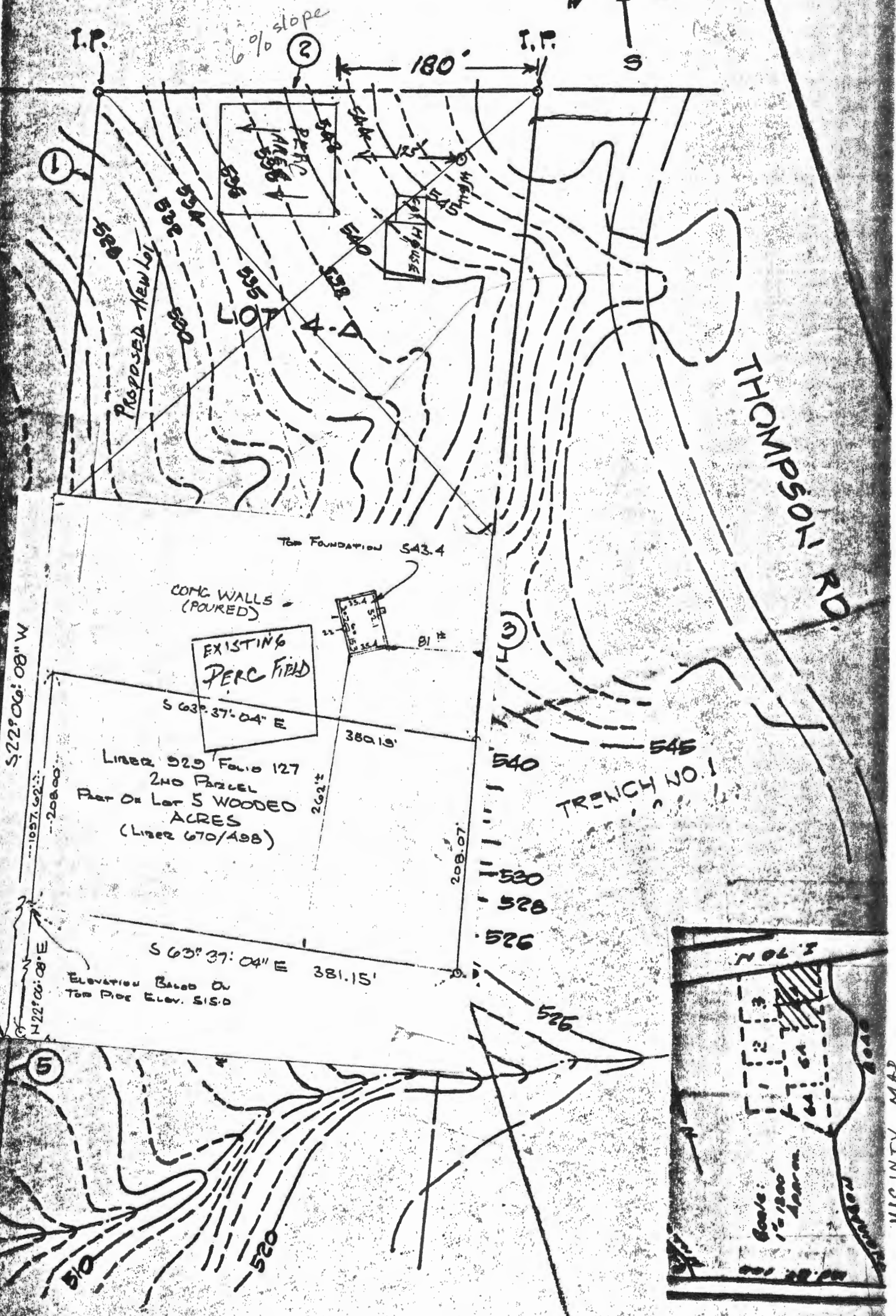
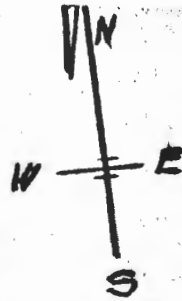
VICINITY MAP



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

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

ITEM # 1



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

PLAN

6-14-90

6-28-90  
10:00am  
sand mound

# 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. MARIOTTSVILLE 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. LEN

## THIS IS NOT A PERMIT

Pat Lindrim  
Mr. Finkle

# SOIL DESCRIPTION

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

| Horizon | Depth in. | Color        |         | Texture | Structure |      | % Rock Fragments | Notes<br>(Moisture, Density, Biopores, Seepage) |
|---------|-----------|--------------|---------|---------|-----------|------|------------------|-------------------------------------------------|
|         |           | Matrix       | Mottles |         | Grade     | Type |                  |                                                 |
| O       | 6         | —            | —       | scl     | —         | —    | <10%             | Roots, organic mat, quartz pieces               |
| A1      | 12        | 10YR<br>5/4  | —       | sac1    | —         | —    | —                | Damp                                            |
| Bt      | 19        | 7.5YR<br>5/6 | —       | sac     | —         | —    | —                | Moist                                           |
| Bw      | 51        | 10YR<br>5/6  | —       | sal     | —         | —    | <10%             | Moist                                           |
| C       | 105       | —            | —       | sa sl   | —         | —    | <20%             | wet, mottles                                    |
|         |           |              |         |         |           |      |                  |                                                 |
|         |           |              |         |         |           |      |                  |                                                 |
|         |           |              |         |         |           |      |                  |                                                 |

## LANDSCAPE

### Position

Summit X Depression \_\_\_\_\_  
 Shoulder \_\_\_\_\_ Upland X  
 Sideslope \_\_\_\_\_ Terrace \_\_\_\_\_  
 Footslope \_\_\_\_\_ Floodplain \_\_\_\_\_

### Slope

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

## SOIL DRAINAGE CLASS

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

### WATER TABLE

89 inches  
 \_\_\_\_\_  
 \_\_\_\_\_

## LIMITING ZONE

### SOIL CLASSIFICATION

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# SOIL DESCRIPTION

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

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

## LANDSCAPE

### Position

Summit \_\_\_\_\_  
 Shoulder X  
 Sideslope \_\_\_\_\_  
 Footslope \_\_\_\_\_  
 Depression \_\_\_\_\_  
 Upland X  
 Terrace \_\_\_\_\_  
 Floodplain \_\_\_\_\_

### Slope

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

## SOIL DRAINAGE CLASS

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

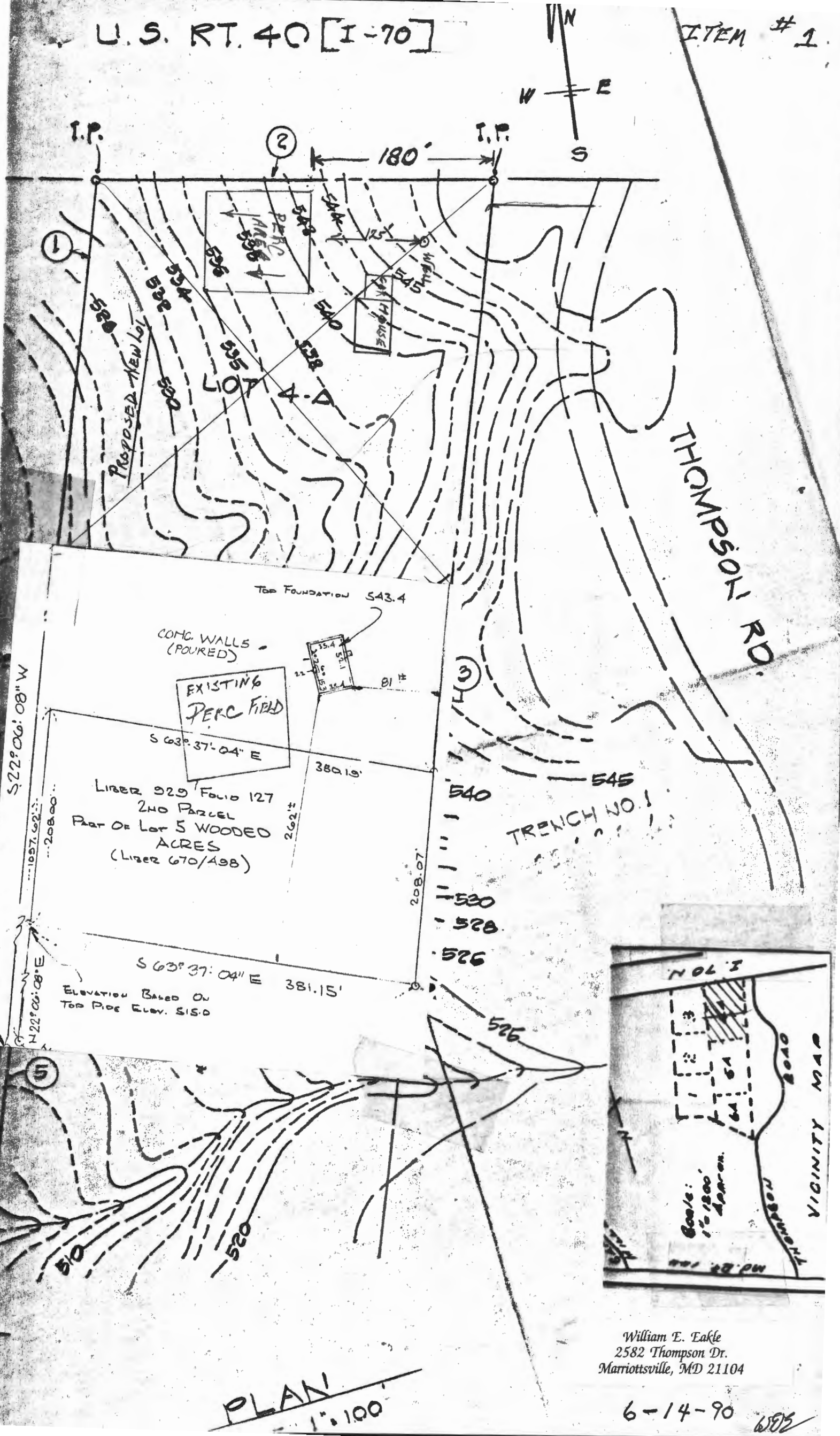
### WATER TABLE

72 inches

## LIMITING ZONE

### SOIL CLASSIFICATION

ITEM # 1



6-14-90 WJS

# SOIL DESCRIPTION

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

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

## LANDSCAPE

### Position

Summit X Depression \_\_\_\_\_  
 Shoulder \_\_\_\_\_ Upland X  
 Sideslope \_\_\_\_\_ Terrace \_\_\_\_\_  
 Footslope \_\_\_\_\_ Floodplain \_\_\_\_\_

### Slope

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

## SOIL DRAINAGE CLASS

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

### WATER TABLE

89 inches

## LIMITING ZONE

### SOIL CLASSIFICATION

# SOIL DESCRIPTION

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 SOIL MAP UNIT \_\_\_\_\_ MAP SYMBOL \_\_\_\_\_ DATE 6-27-90  
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|         |           |              |             |         |           |      |                  |                                                 |
|         |           |              |             |         |           |      |                  |                                                 |
|         |           |              |             |         |           |      |                  |                                                 |
|         |           |              |             |         |           |      |                  |                                                 |

## LANDSCAPE

### Position

Summit \_\_\_\_\_  
 Shoulder X  
 Sideslope \_\_\_\_\_  
 Footslope \_\_\_\_\_  
 Depression \_\_\_\_\_  
 Upland X  
 Terrace \_\_\_\_\_  
 Floodplain \_\_\_\_\_

### Slope

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

## SOIL DRAINAGE CLASS

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

### WATER TABLE

72 inches

## LIMITING ZONE

### SOIL CLASSIFICATION

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)

1625.33'

594.38'

802.45'

TOP FOUNDATION 543.4

CONC. WALLS -  
(POURED)

EXISTING  
PERC FIELD

S 63° 37' 04" E

380.19'

LIBER 929 FOLIO 127

2ND PARCEL

PART OF LOT 5 WOODED

ACRES

(LIBER 670/498)

S 22° 06' 08" W

1057.62'

208.00'

262.12'

208.07'

S 63° 37' 04" E

381.15'

ELEVATION BASED ON  
TOP RISE ELEV. 515.0

N 22° 06' 08" E

1057.62'

208.00'

262.12'

381.15'

380.19'

543.4

802.45'

1625.33'

388.92

N 74° 24' 01" W

380.19'

381.15'

543.4

802.45'

1625.33'

388.92

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380.19'

381.15'

543.4

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543.4

802.45'

1625.33'

388.92

N 74° 24' 01" W

380.19'

381.15'

543.4

NOT I

3

1

2

4

5

6

7

8

9

10

11

12

13

14

15

Scale:  
1"=100'  
Approx.

VICINITY MAP

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

82 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

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2582 Thompson Dr.  
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W.E. Eakle