

# APPLICATION

PERCOLATION TESTING

A 56381-8

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 12-18-95

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 PATRICK & ELAINE WALLACE

ADDRESS 13735 FORSYTHE RD PHONE 489-9239

☒ AGENT OR PROSPECTIVE BUYER SHANABERGER & LANE

ADDRESS 8726 TOWN & COUNTRY BLVD. SUITE 104 PHONE 461-9563

E.C., MD 21043

PROPERTY LOCATION: EXISTING  
SUBDIVISION GERBER KNOW WALLACE PROP. LOT NO. (OLD) 5 NEW LOT 4

ROAD AND DESCRIPTION UNDERWOOD ROAD, 1500' ± SOUTH OF BARBERRY WAY

TAX MAP 9 PARCEL # 80

SIZE OF LOT NEW LOT 27.2 AC. TYPE BLDG. SFD  
(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.

Elaine Wallace  
(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

AS6381-A

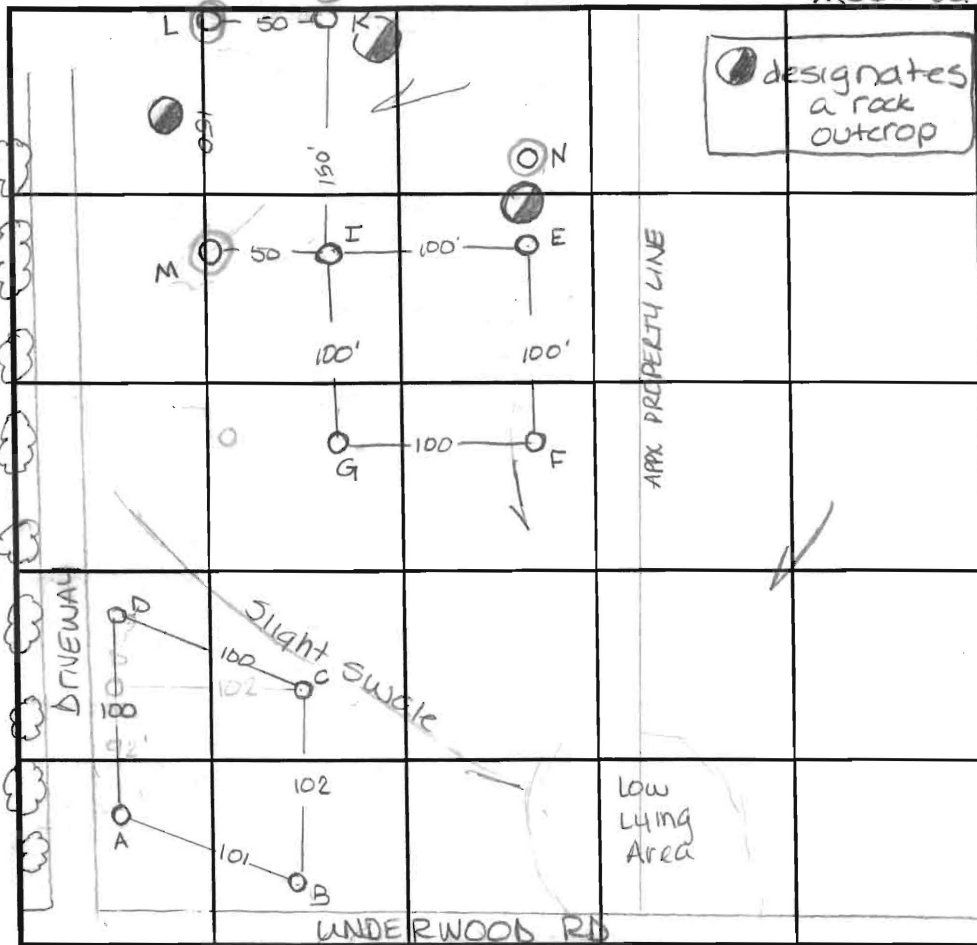
COUNTY #

SOIL PROFILE

0' A  
dark red  
siltlm  
3.0' 1gt tan  
salm  
10%  
decayed  
saprolite  
black  
orange  
white  
mottling  
at  
10'

13.0 B, C  
red brn  
siltlm  
4.0' darker  
orange  
brn  
silm  
6.0' red  
silm  
8.0' 1gt yellow  
tan  
sasilml  
10.0' greyish  
brn  
salm  
10%  
saprolite  
12.0'

D  
red  
brn  
silm  
5.0' dark  
red  
silm  
30%  
rock  
frags  
11.0'



\*see attached for soil descriptions & additional soil profile tests

0' E, F  
bright  
red  
siltlm  
4.0' 1gt brn  
salm  
15%  
grey  
rock  
frags  
13.0'

I, G  
bright  
red  
siltlm  
4.0' yellow  
brn  
salm  
12.5'

| DATE    | TEST NO. | DEPTH         | PRE-WET          |               | TEST - 1" DROP |                     | TIME      |
|---------|----------|---------------|------------------|---------------|----------------|---------------------|-----------|
|         |          |               | START            | STOP          | START          | STOP                |           |
| 1-30-96 | A        | 3.5' / V13.0' | 10:05            | 10:06         | 10:06          | 10:08               | 2min      |
|         | B        | 4.0' / V12.0' | 10:11            | 10:13         | 10:13          | 10:15 <sup>30</sup> | 2 1/2 min |
|         | C        | 4.5' / V16.0' | 10:18            | 10:18         | 10:18          | 10:21               | 3min      |
|         | D        | 4.0' / V11.0' | 10:24            | 10:28         | 10:28          | 10:38               | 10min     |
|         | E        | 5.0' / V13.0' | 10:59            | 11:03         | 11:03          | 11:09               | 6min      |
|         | G        | 4.5' / V13.0' | 11:09            | 11:11         | 11:11          | 11:13               | 2min      |
|         | F        | Visual        | to 12.0          | - see profile |                |                     | OK        |
|         | I        | Visual        | to 12.5          | - see profile |                |                     | OK        |
|         | (N)      | Refusal       | at 5.0           |               |                |                     | F         |
|         | (J)      | >50%          | from 4.0 to 10.0 | bottom        |                |                     | F         |

REMARKS Hole C had water at 15' after being open 3 hours

TYPE OF SOIL

TESTED BY Amy McMillen ALSO PRESENT Chuck Zapp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE

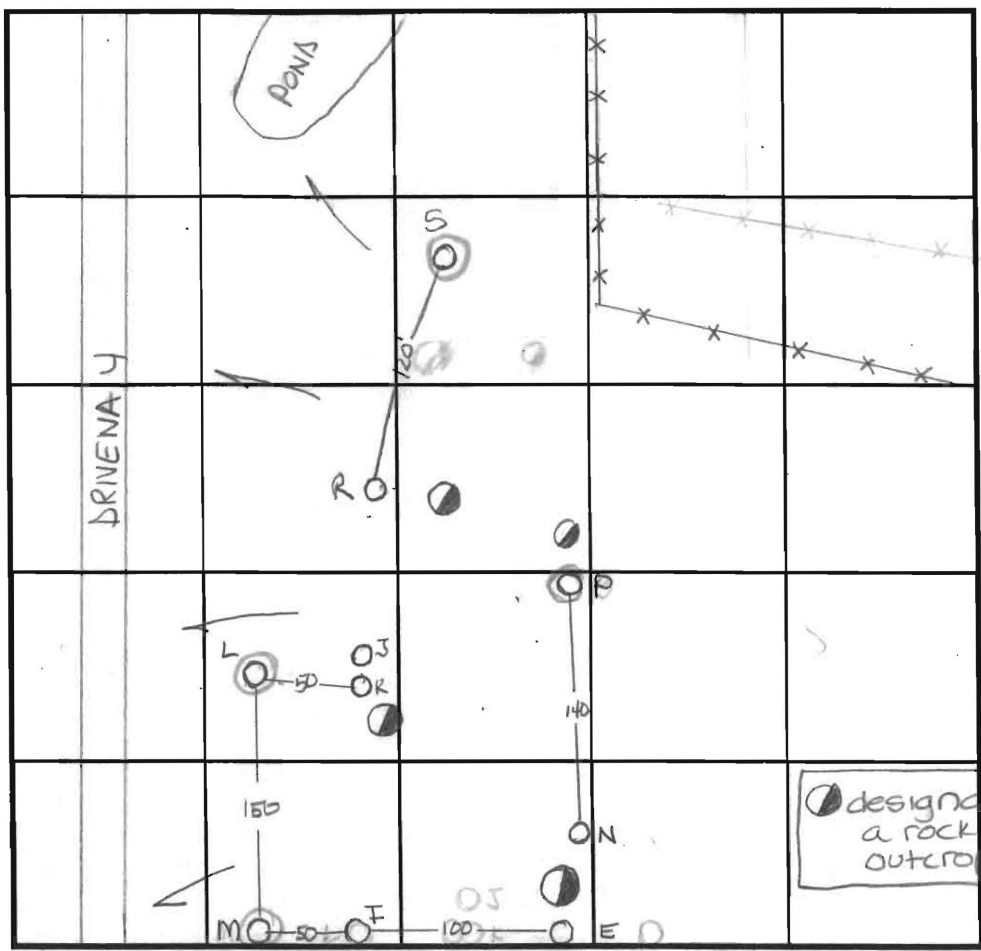
0' K  
dark  
brn  
silm  
40  
brn  
Salm  
20%  
rock  
frags  
80  
darker  
brn  
Salm  
30-40%  
frags  
90 refusal

M

dark  
red  
brn  
silm  
3.5  
brn  
silm  
5.0  
greenish  
brn  
silm  
9.0 water  
11.0

L

Looks  
like  
M  
but  
no  
water  
present  
evidence  
(greenish  
soils)  
at  
7.0'



SOIL PROFILE

0' P  
dark  
red  
silm  
3.0  
bigh  
to  
dark  
brn  
silm  
100%  
rock  
frags  
9.0 refusal

R

brn silm  
brn Salm  
100%  
frags  
9' >50%  
rock  
↓  
10.0

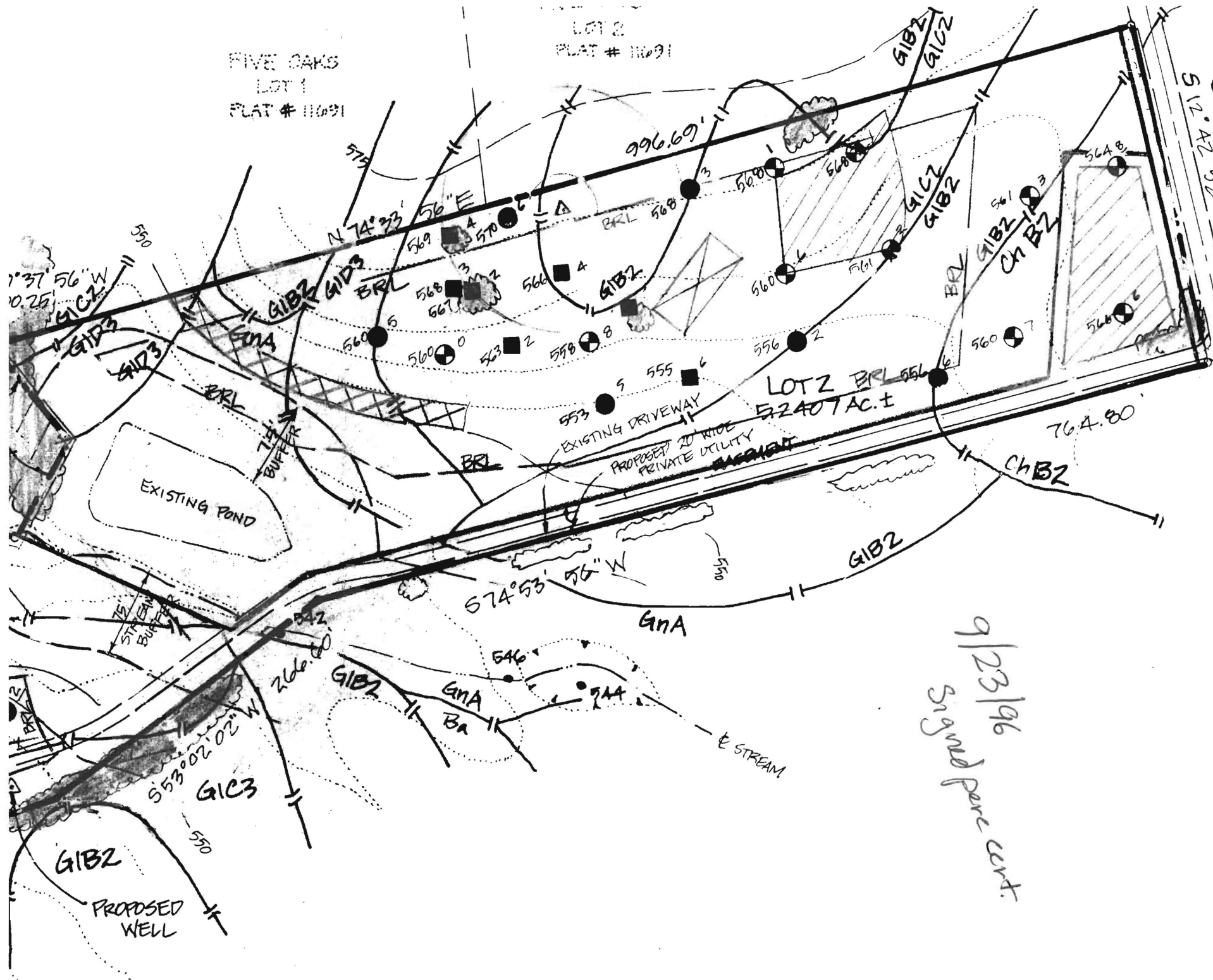
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE    | TEST NO. | DEPTH   | PRE-WET |               | TEST - 1" DROP |      | TIME                       |
|---------|----------|---------|---------|---------------|----------------|------|----------------------------|
|         |          |         | START   | STOP          | START          | STOP |                            |
| 1-30-96 | K        | Visual  | to 9.0  | - see profile |                |      | NOT USUAB E DUE TO OUTCROP |
|         | (L)      | Visual  | to 11.0 | - see profile |                |      | F                          |
|         | (M)      | Visual  | to 11.0 | - see profile |                |      | F                          |
|         | (P)      | Visual  | to 9.0  | - see profile |                |      | F NOT FULL                 |
|         | R        | Visual  | to 10.0 | - see profile |                |      | OK                         |
|         | (S)      | Refusal | at 7.0  |               |                |      | F                          |
|         |          |         |         |               |                |      |                            |
|         |          |         |         |               |                |      |                            |
|         |          |         |         |               |                |      |                            |
|         |          |         |         |               |                |      |                            |

REMARKS \_\_\_\_\_  
TYPE OF SOIL \_\_\_\_\_  
TESTED BY Amy McMillen ALSO PRESENT Chuck Zepp  
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

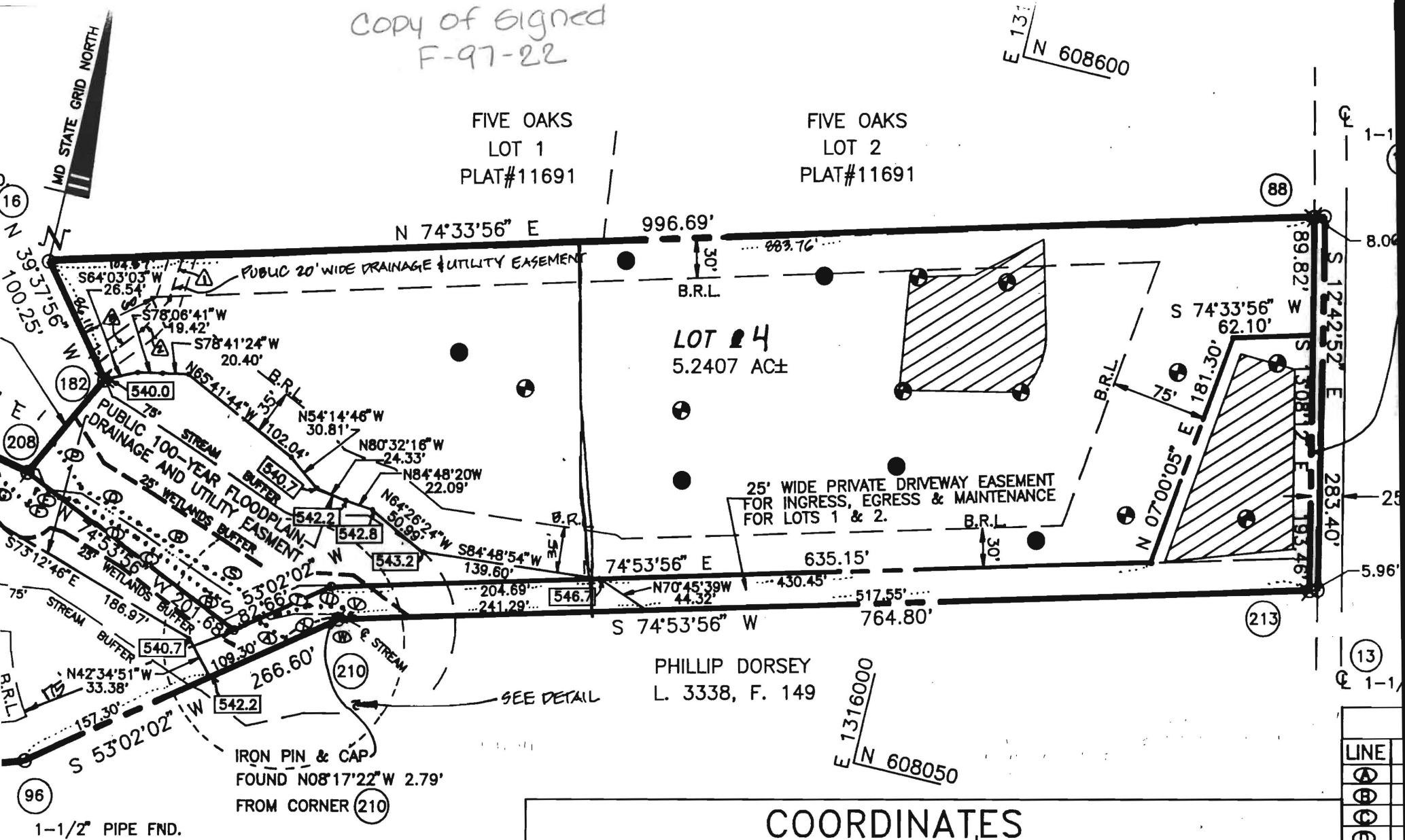
LOT 2  
PLAT # 11091

UNDERWOOD 203.40  
512.42.52 E



COPY of Signed  
F-97-22

E 131°  
N 608600



PUBLIC 20' WIDE DRAINAGE & UTILITY EASEMENT

S 03° 41' 42" W - 33.01' S 41° 31' 05" W - 44.79'

S 27° 14' 20" W - 27.14'

## MINIMUM LOT SIZE CHART

| T  | GROSS AREA  | PIPESTEM AREA | MINIMUM LOT AREA |
|----|-------------|---------------|------------------|
| 1  | 185,482.404 | 185,482.404   | 185,482.404      |
| 2  | 185,398.141 | 185,398.141   | 185,398.141      |
| 3  | 185,401.554 | 185,401.554   | 185,401.554      |
| 4  | 185,481.751 | 185,481.751   | 185,481.751      |
| 5  | 185,288.545 | 185,288.545   | 185,288.545      |
| 6  | 185,305.360 | 185,305.360   | 185,305.360      |
| 7  | 185,260.229 | 185,260.229   | 185,260.229      |
| 8  | 185,378.019 | 185,378.019   | 185,378.019      |
| 9  | 185,353.233 | 185,353.233   | 185,353.233      |
| 10 | 185,361.074 | 185,361.074   | 185,361.074      |

| LINE | REC |
|------|-----|
| A    | ON  |
| B    |     |
| C    |     |
| D    |     |
| E    |     |
| F    |     |
| G    |     |
| H    |     |
| I    |     |
| J    |     |
| K    |     |
| L    |     |

1 BE  
SURE  
G MINIMUM  
ENCE)  
I TAR & CHIP  
3E AND  
5 GROSS  
WITH MAXIMUM

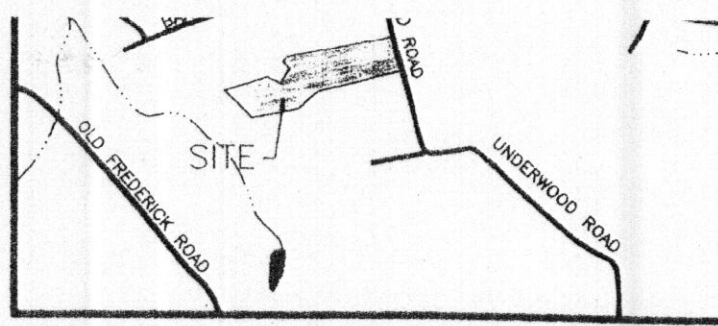
*G. Scott Shanaberger 9/10/98*  
G. SCOTT SHANABERGER DATE

*Patrick A. Wallace 9/4/98*  
PATRICK A. WALLACE DATE

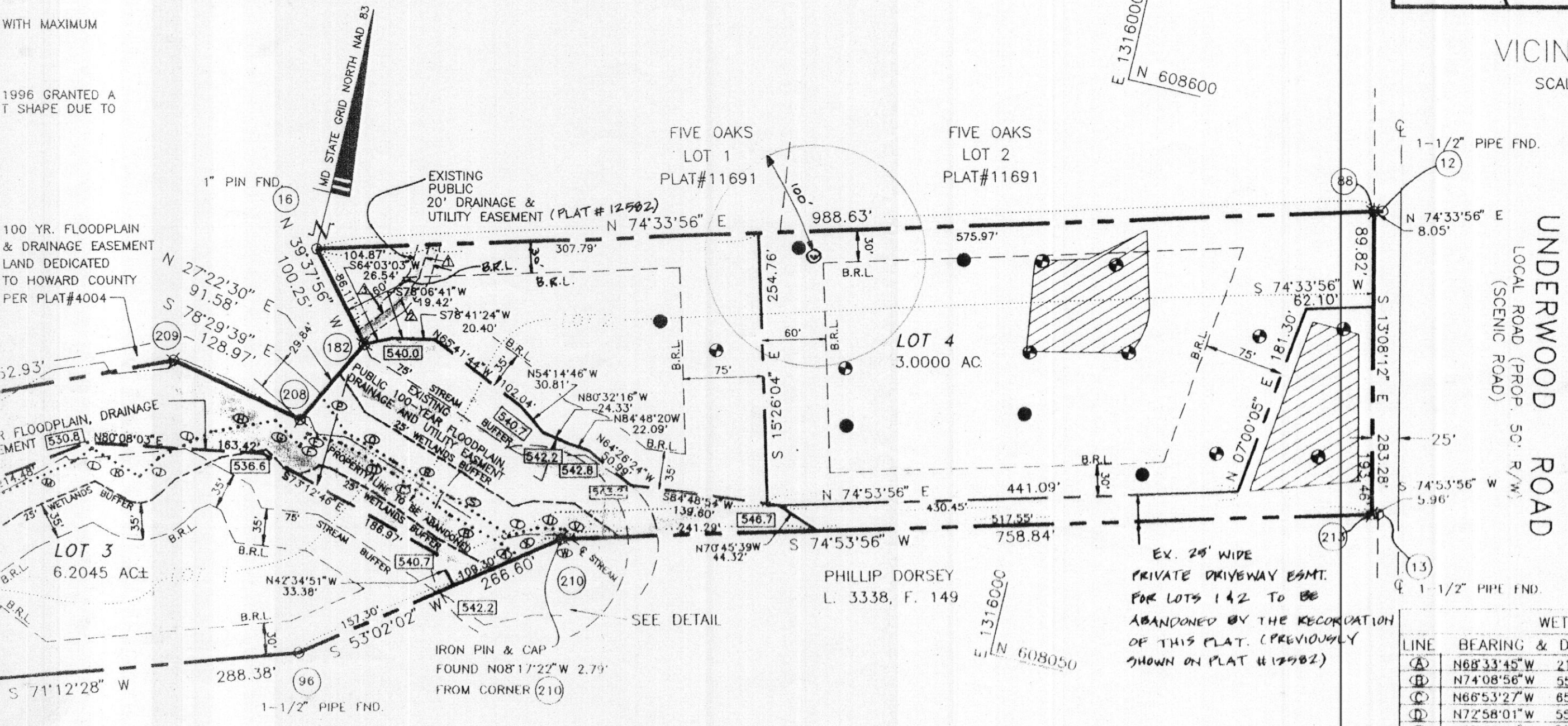
*Elaine B. Wallace 9/4/98*  
ELAINE B. WALLACE DATE

1996 GRANTED A  
T SHAPE DUE TO

16. THIS RESUBDIVISION IS EXEMPT FROM STORMWATER MANAGEMENT REQUIREMENTS BECAUSE BOTH LOTS ARE OVER 2 ACRES.
17. FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE IS TO BE PROVIDED AT THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT-OF-WAY AND NOT ONTO THE FLAG OR PIPESTEM LOT DRIVEWAY.
18. [540.0] DESIGNATES ELEVATION OF 100-YEAR FLOODPLAIN.



VICINITY MAP  
SCALE: 1"=2000'



NOTE: THE PURPOSES OF THIS RESUBDIVISION PLAT ARE TO MOVE THE LOT LINE BETWEEN LOTS 1 & 2, TO ABANDON THE USE-IN-COMMON DRIVEWAY (A SINGLE USE) AND TO REVISE CENTERLINE DISTANCE INFORMATION FOR PUBLIC 20' WIDE DRAINAGE & UTILITY EASEMENT. NO NEW LOTS ARE BEING CREATED.

OWNERS:  
PATRICK & ELAINE WALLACE  
13735 FORSYTHE ROAD  
SYKESVILLE, MD. 21784

| WETLANDS DATA |                    |      |                   |
|---------------|--------------------|------|-------------------|
| LINE          | BEARING & DIST.    | LINE | BEARING & DIST.   |
| (A)           | N68°33'45"W 21.39' | (M)  | S51°52'13"W 72.9' |
| (B)           | N74°08'56"W 55.10' | (N)  | S41°33'48"W 73.0' |
| (C)           | N66°53'27"W 85.90' | (O)  | S62°13'35"W 94.2' |
| (D)           | N72°58'01"W 55.56' | (P)  | S47°18'45"E 41.2' |
| (E)           | N87°43'24"W 32.51' | (Q)  | S72°22'01"E 52.0' |
| (F)           | S18°58'33"W 13.69' | (R)  | S71°04'20"E 63.2' |
| (G)           | N57°52'02"W 32.77' | (S)  | S69°56'18"E 65.3' |
| (H)           | S66°31'18"W 60.18' | (T)  | N60°59'23"E 27.0' |
| (I)           | S49°58'29"W 54.19' | (U)  | N80°09'46"E 25.5' |
| (J)           | S32°24'59"W 25.08' | (V)  | S68°13'31"E 14.5' |
| (K)           | N72°44'04"W 51.76' | (W)  | S74°53'56"W 14.8' |
| (L)           | S40°20'11"W 20.35' | (X)  | S53°02'02"W 42.1' |

| MINIMUM LOT SIZE CHART |             |             |             |
|------------------------|-------------|-------------|-------------|
| LOT                    | GROSS       | PIPESTEM    | MINIMUM     |
| 12                     | 185,482.404 | 401,196.524 | 608,536.854 |
| 13                     | 185,398.141 | 401,215.536 | 608,260.400 |
| 16                     | 185,401.554 | 400,903.688 | 608,271.597 |
| 88                     | 185,481.751 | 401,194.157 | 608,534.710 |
| 96                     | 185,288.545 | 400,925.548 | 607,900.833 |
| 97                     | 185,305.360 | 400,745.514 | 607,956.002 |
| 167                    | 185,260.229 | 400,842.335 | 607,807.934 |
| 182                    | 185,378.019 | 400,923.180 | 608,194.385 |
| 208                    | 185,353.233 | 400,910.345 | 608,113.064 |

| COORDINATES |             |             |             |               |
|-------------|-------------|-------------|-------------|---------------|
| NO.         | NORTH (M)   | EAST (M)    | NORTH (F)   | EAST (F)      |
| 12          | 185,482.404 | 401,196.524 | 608,536.854 | 1,316,258.929 |
| 13          | 185,398.141 | 401,215.536 | 608,260.400 | 1,316,321.304 |
| 16          | 185,401.554 | 400,903.688 | 608,271.597 | 1,315,298.185 |
| 88          | 185,481.751 | 401,194.157 | 608,534.710 | 1,316,251.164 |
| 96          | 185,288.545 | 400,925.548 | 607,900.833 | 1,315,369.904 |
| 97          | 185,305.360 | 400,745.514 | 607,956.002 | 1,314,779.242 |
| 167         | 185,260.229 | 400,842.335 | 607,807.934 | 1,315,096.894 |
| 182         | 185,378.019 | 400,923.180 | 608,194.385 | 1,315,362.133 |
| 208         | 185,353.233 | 400,910.345 | 608,113.064 | 1,315,320.025 |

RECORDED AS PLAT # 13325  
ON 10-7-98 AMONG THE LAND  
RECORDS OF HOWARD COUNTY, MD.