

APPLICATION

41583

A ~~41571~~

PERCOLATION TESTING

Received
4/7/88 10 am

P _____

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

DISTRICT 5

DATE 4/6/88

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 K+D Stables C/o Howard Co Land Services

ADDRESS 8307 Main St PHONE 465-5855

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION: KENNARD WARFIELD JR F90-78 ~~lot #~~

SUBDIVISION _____ LOT NO. 4 Parcel C

ROAD AND DESCRIPTION Howard Rd south of Triadelphia Rd

TAX MAP 21 PARCEL # 68

SIZE OF LOT 3 acres 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.

Malden
(SIGNATURE OF APPLICANT)

APPROVED BY Cwellian FOR TRENCHES DATE 3/23/90

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5-31-88 For perc hole locations & subdivision plat approval. Only 180 ft from stream. Does 200 ft restriction apply here? Swale is less than 15 feet to lower hole. DEN

THIS IS NOT A PERMIT

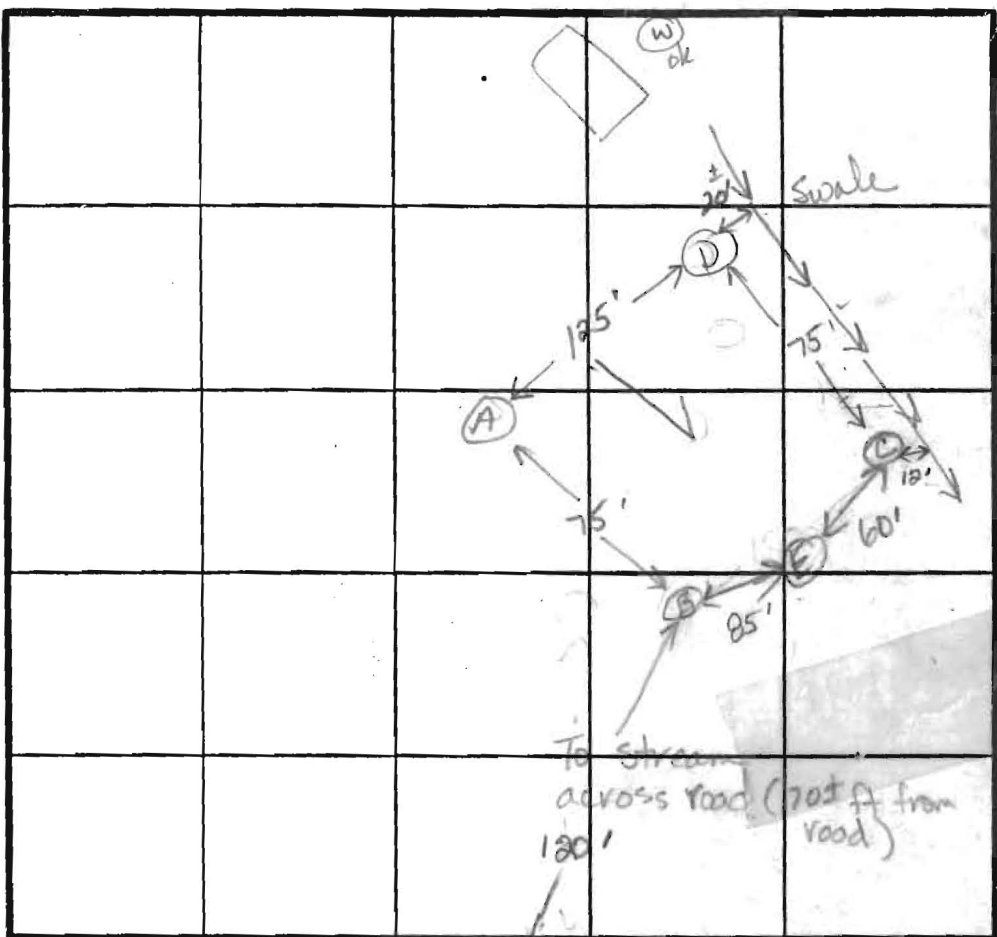
High
D
A
C
B
E
Low

A41583
4-C

(A)

SOIL PROFILE

0
0-2.0 Br sil cl loam
2.0-12.0 Br sa si loam, trc of broken rock frags < 10%
12.0 Bottom



(D)
0-3.5 Br sil cl 1m
3.5-11.0 Br sa si 1m
11.0 Bottom

(E)
0-3.0 Br sil cl 1m
3.0-13.5 Br sa si 1m, trc of broken rock, < 10%
13.5 Bottom

(B)

0-3.0 Br sil cl 1m
3-12.0 Br sa si 1m
12.0 Bottom

(C)

0-3.0 Br sil cl 1m, trc gvl < 10%
3-13.0 Br sa si 1m
13.0 Bottom

INDICATE NORTH- NAME ADJOINING ROADWAY AS BASE LINE

Howard Road

CL of Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-31-88	A	4.0 S	12:47	12:49	12:49	12:51	2min
		8.0 M	12:47	12:52	12:52	12:57	5min
		12.0 D	Bottom				ok
	B	4.0 S	12:56	12:58	12:58	1:00	2min
		12.0 D	Bottom				ok
C	5.0 S	1:02	1:08	1:08	1:11	3min	
	13.0 D	Bottom		Dry after 45min		ok	
D	11.0 V	(see profile)				ok	
	13.5 V	(see profile)		Dry after 45 min		ok	

113
125
75
625
875
9575

REMARKS All holes not as shown on plat. Swale is close to holes D & C

TYPE OF SOIL 0-3 Br sil cl 1m, 3-13 Br sa si 1m, < 10% rock frags

TESTED BY JE Nadeau

ALSO PRESENT David (KIK)

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE _____

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 KENNARD WARFIELD JR

ADDRESS 14663 TRIADELPHIA ROAD PHONE 410-442-2337

AGENT OR PROSPECTIVE BUYER LAND DESIGN & DEVELOPMENT

ADDRESS 8000 MAIN STREET ELLICOTT CITY PHONE 410-480-9105

PROPERTY LOCATION:

SUBDIVISION THE WARFIELDS II LOT NO. 70

ROAD AND DESCRIPTION SOUTH SIDE OF TRIADELPHIA ROAD AT THE INTERSECTION OF TRIADELPHIA ROAD AND HOWARD ROAD

TAX MAP 21 PARCEL # _____

SIZE OF LOT ONE ACRE TYPE BLDG. SINGLE FAMILY DWELLING
(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.

DONALD R. REUMER
(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

COUNTY #

SOIL PROFILE

6217/6216

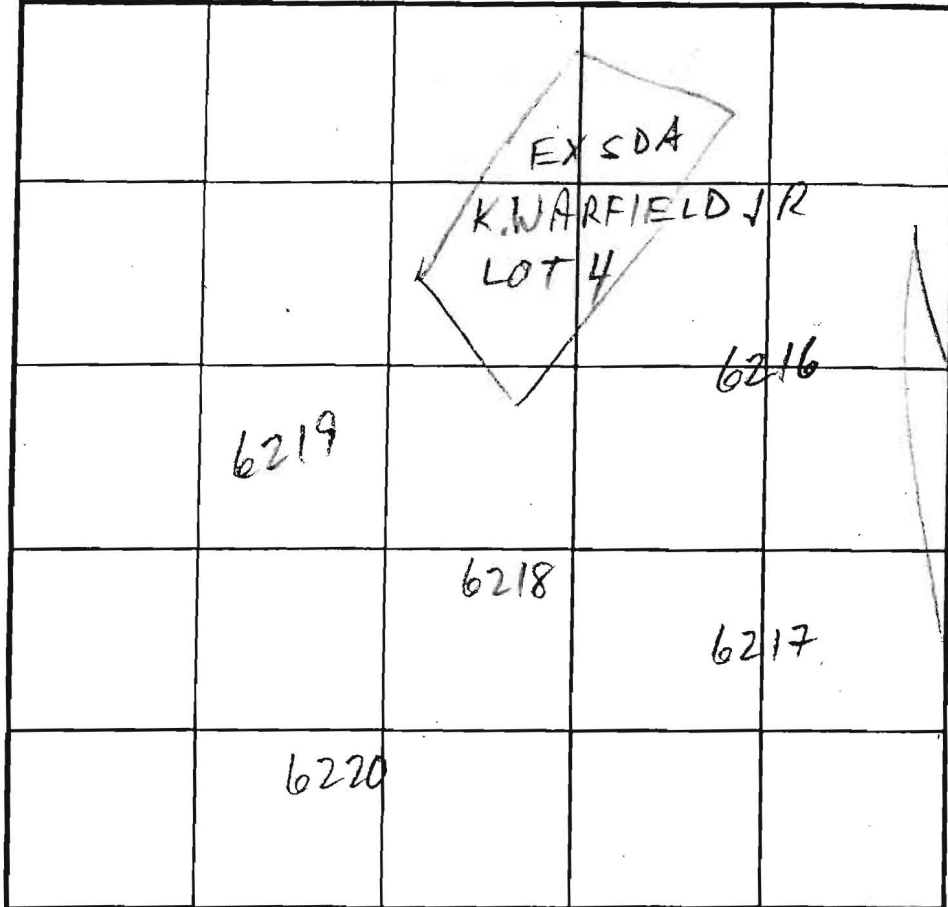
0'
 3'
 4 1/2'
 5'
 14'
 14 1/2'

brn orge
 cl lm
 orge brn
 hvy lm
 orge brn
 gray tam
 sa lm
 10-15%
 frags

SOIL PROFILE

0'

Swale



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. HOWARD RD

6218

brn
 orge
 hvy lm

3 1/4'

tan beige
 white
 sa lm
 10% frags

13 1/2'

7566/65

4'

dk. orge
 dk. brn
 cl lm

H. orge
 tan beige
 white
 sa lm
 10%

13 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/16/03	6218	7'9" / 13'4"	10:54	11:02	11:02	11:16	14
	6217	7'9" / 14"	10:56	10:59	10:59	11:03	4
	6216	8' / 14 1/2"	11:01	11:05	11:05	11:13	8
	6219/7566	7 1/2' / 13'3"	11:19	11:24	11:24	11:30	6
	6220/7565	7 1/2' / 13 1/2"	11:21	11:22	11:22	11:27	5

REMARKS ALL HOLES PER PLAN

TYPE OF SOIL

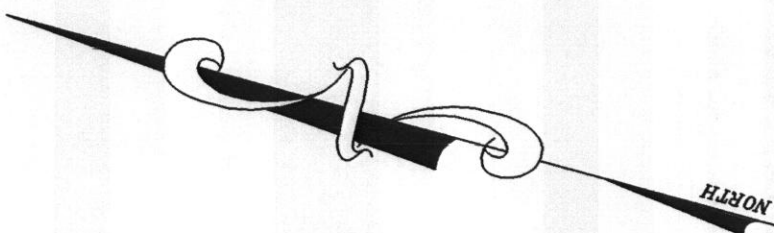
TESTED BY M. Rifkin ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

LEGEND

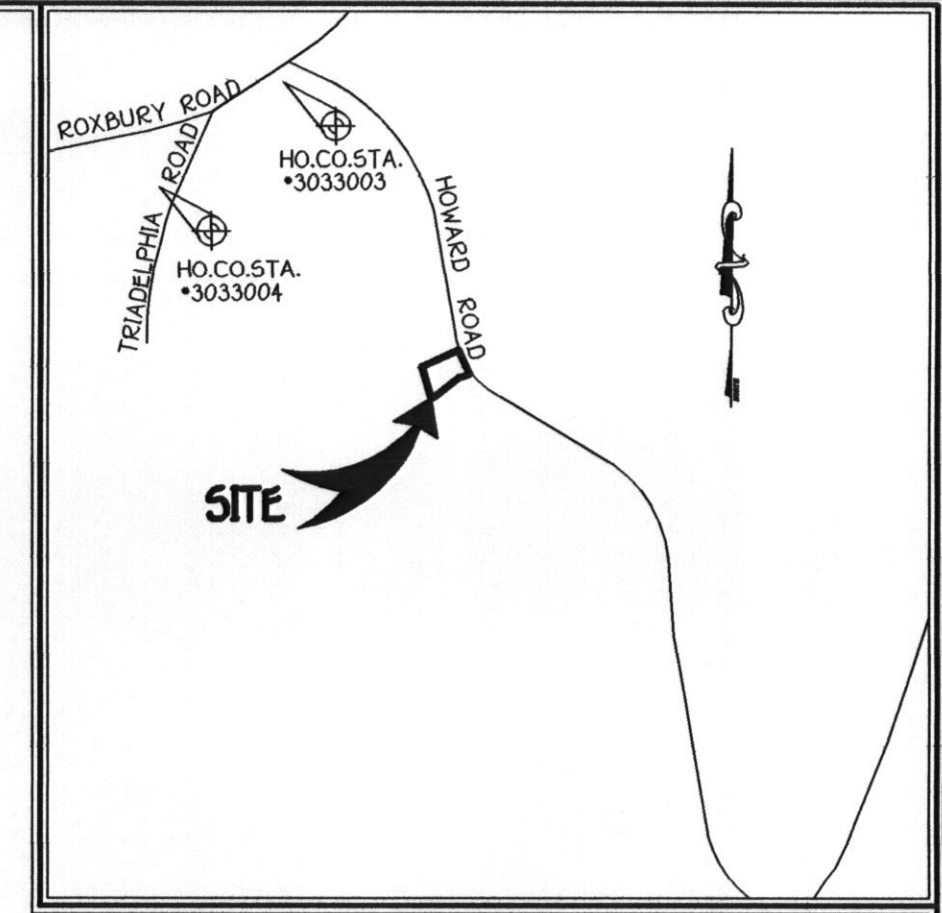
- - - - - EXISTING 2' CONTOURS
- - - - - EXISTING 10' CONTOURS
- ~~~~~ EXISTING TREE LINE
- GLB2 MIC2 SOIL LINES AND TYPES
- (M) DENOTES PROPOSED WELL
- (H) DENOTES PROPOSED HOUSE
- [Hatched Box] DENOTES 25% AND GREATER SLOPE
- [Shaded Box] DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE



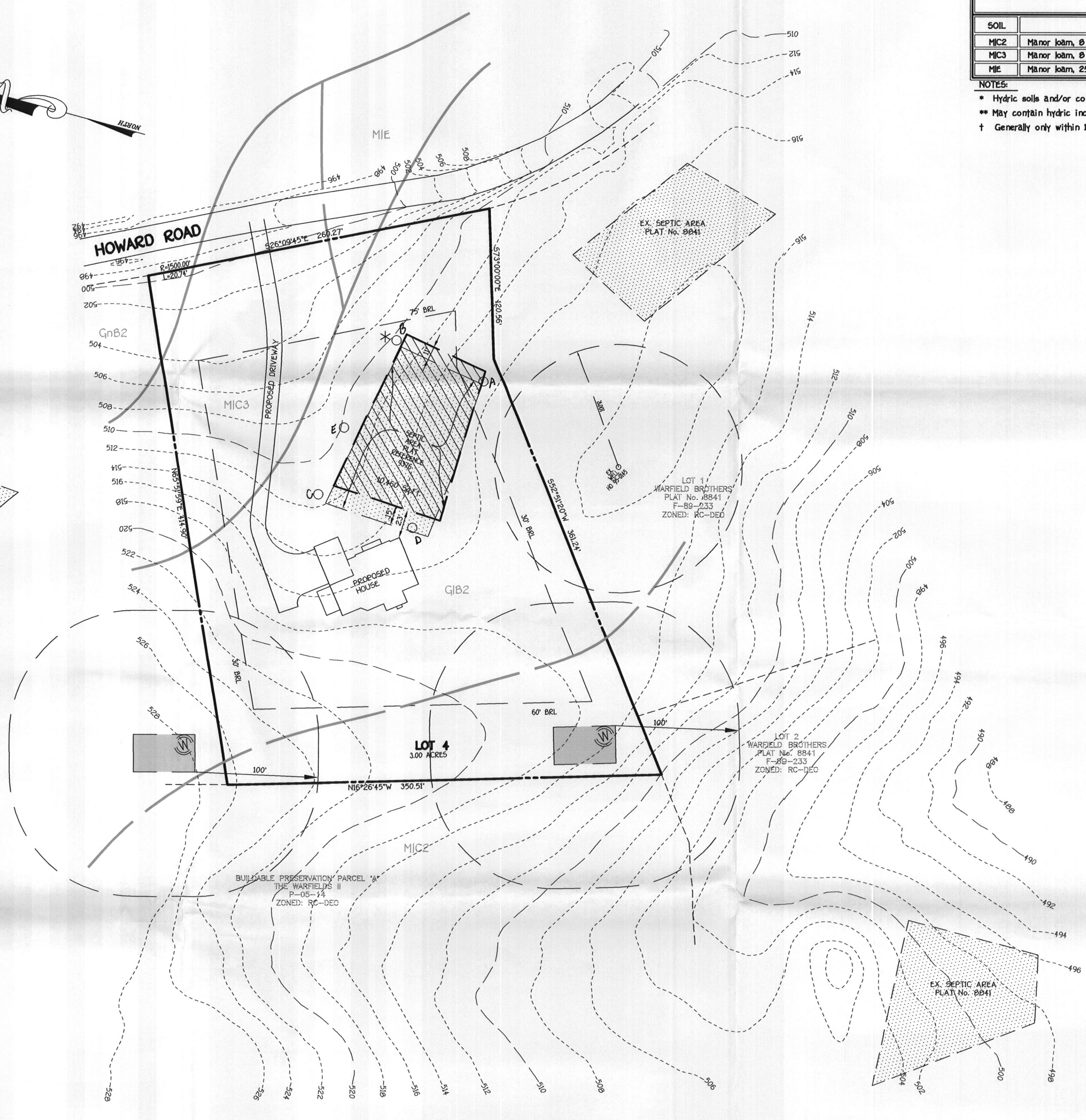
SOILS LEGEND

SOIL	NAME	CLASS
MIC2	Manor loam, 0 to 15 percent slopes, moderately eroded	B
MIC3	Manor loam, 0 to 15 percent slopes, severely eroded	B
MIE	Manor loam, 25 to 45 percent slopes	B

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



VICINITY MAP
SCALE: 1" = 2,000'



GENERAL NOTES:

1. [Hatched Box] THIS AREA DESIGNATES AN EXISTING PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET RECORDED ON PLAT NO. 9376 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. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
5. TOPOGRAPHY SHOWN IS FROM HARFORD AERIAL CONTOUR MAPPING PROVIDED ON APRIL, 2002.
6. BOUNDARY OUTLINE BASED ON FIELD RUN SURVEY BY FISHER, COLLINS AND CARTER INC. ON OR ABOUT APRIL, 2005.
7. PLAT REFERENCE NUMBER 9376.
8. ALL WELLS SHALL BE DRILLED PRIOR TO BUILDING PERMIT APPROVAL. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
9. [Shaded Box] 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.
10. (M) DENOTES APPROXIMATE TEST HOLE LOCATIONS PER HEALTH DEPARTMENT FIELD NOTES HOLES ARE NOT FIELD LOCATED.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CONTINENTAL SQUARE OFFICE PARK - 30272 BALTIMORE NATIONAL PIKE
ELKORT CITY, MARYLAND 21042
410-468-2255

PERC CERTIFICATION
I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.
Signature of Professional Land Surveyor: *Terrill A. Fisher* 12/22/06
Terrill A. Fisher, Professional Land Surveyor No. 10692

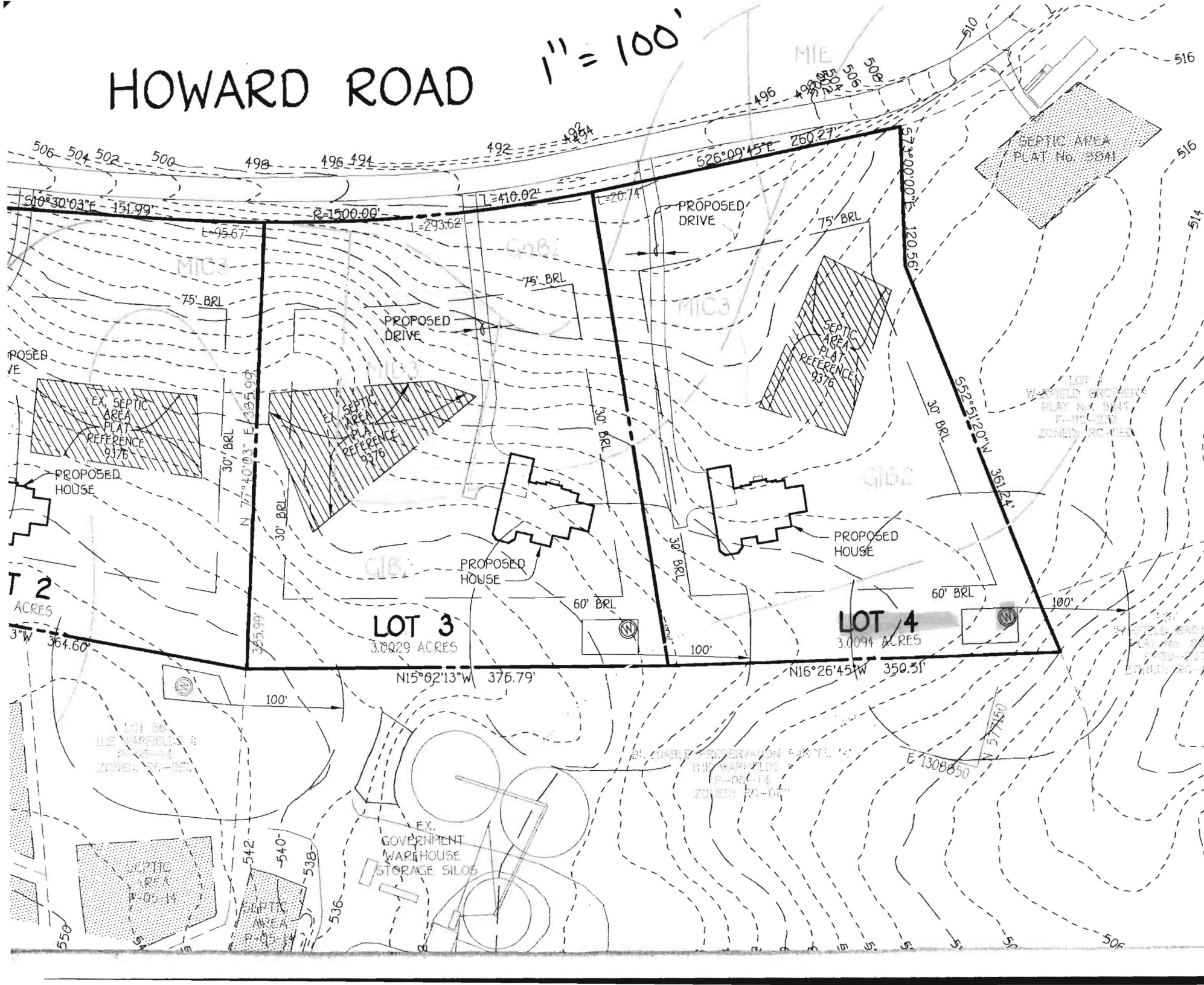
APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Signature of County Health Officer: *Robert J. W. [unclear]* 1/03/07
COUNTY HEALTH OFFICER DATE

OWNER/DEVELOPER
KENNARD WARFIELD, JR., #101
14451 TRIADAPHELIA ROAD
GLENELG, MARYLAND 21737

PERC CERTIFICATION PLAT
LOT 4
KENNARD WARFIELD, JR.
(PARTS OF LOTS 1 THRU 4 (PLAT NO. 9376))
TAX MAP • 21 PARCEL: 68 ZONED: RC-DEO
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50'
DATE: DECEMBER 19, 2006

HOWARD ROAD

1" = 100'



506 504 502 500

$510^{\circ}30'03''E$ - 151.99'

ROSEB
VE

T 2
ACRES

3"W 364.60'

LOT 56
HEMLOCK
ZONED RC-05

SEPTIC
AREA
PLAT REF
90-14

550

498 496 494 492

$R=1500.00'$

75' BRL

EX. SEPTIC
AREA
PLAT REF
9376

PROPOSED
HOUSE

30' BRL

30' BRL

N $77^{\circ}40'03''$ E 325.90'

30' BRL

30' BRL

30' BRL

100'

100'

100'

100'

100'

100'

100'

496 494

$L=410.02'$

75' BRL

PROPOSED
DRIVE

PROPOSED
HOUSE

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

60' BRL

100'

100'

100'

100'

100'

100'

100'

100'

100'

492

$L=293.62'$

75' BRL

PROPOSED
DRIVE

PROPOSED
HOUSE

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

60' BRL

100'

100'

100'

100'

100'

100'

100'

100'

100'

490 488 486 484

$L=26.74'$

75' BRL

PROPOSED
DRIVE

PROPOSED
HOUSE

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

60' BRL

100'

100'

100'

100'

100'

100'

100'

100'

100'

496 494 492

$526^{\circ}09'45''E$ - 260.27'

75' BRL

PROPOSED
DRIVE

PROPOSED
HOUSE

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

60' BRL

100'

100'

100'

100'

100'

100'

100'

100'

100'

506 504 502 500

$57^{\circ}00'00''E$ - 120.56'

75' BRL

SEPTIC AREA
PLAT REFERENCE
9376

PROPOSED
HOUSE

30' BRL

30' BRL

30' BRL

30' BRL

60' BRL

100'

100'

100'

100'

100'

100'

100'

100'

100'

100'

510 508 506 504

$552^{\circ}51'20''N$ - 361.24'

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

30' BRL

60' BRL

100'

100'

100'

100'

100'

100'

100'

100'

100'

100'

SEPTIC AREA
PLAT No. 8841

LOT 57
WATFIELD PROPERTY
PLAT No. 8841
F-100-100
ZONED RC-05

LOT 58
WATFIELD PROPERTY
PLAT No. 8841
F-100-100
ZONED RC-05

LOT 59
WATFIELD PROPERTY
PLAT No. 8841
F-100-100
ZONED RC-05

LOT 60
WATFIELD PROPERTY
PLAT No. 8841
F-100-100
ZONED RC-05

506

DATE

SEWAGE ESMT.
BY THE MD.
ENT

HOWARD ROAD

N 516500

LOT 1

A 41783

LOT A

A 41580

LOT B

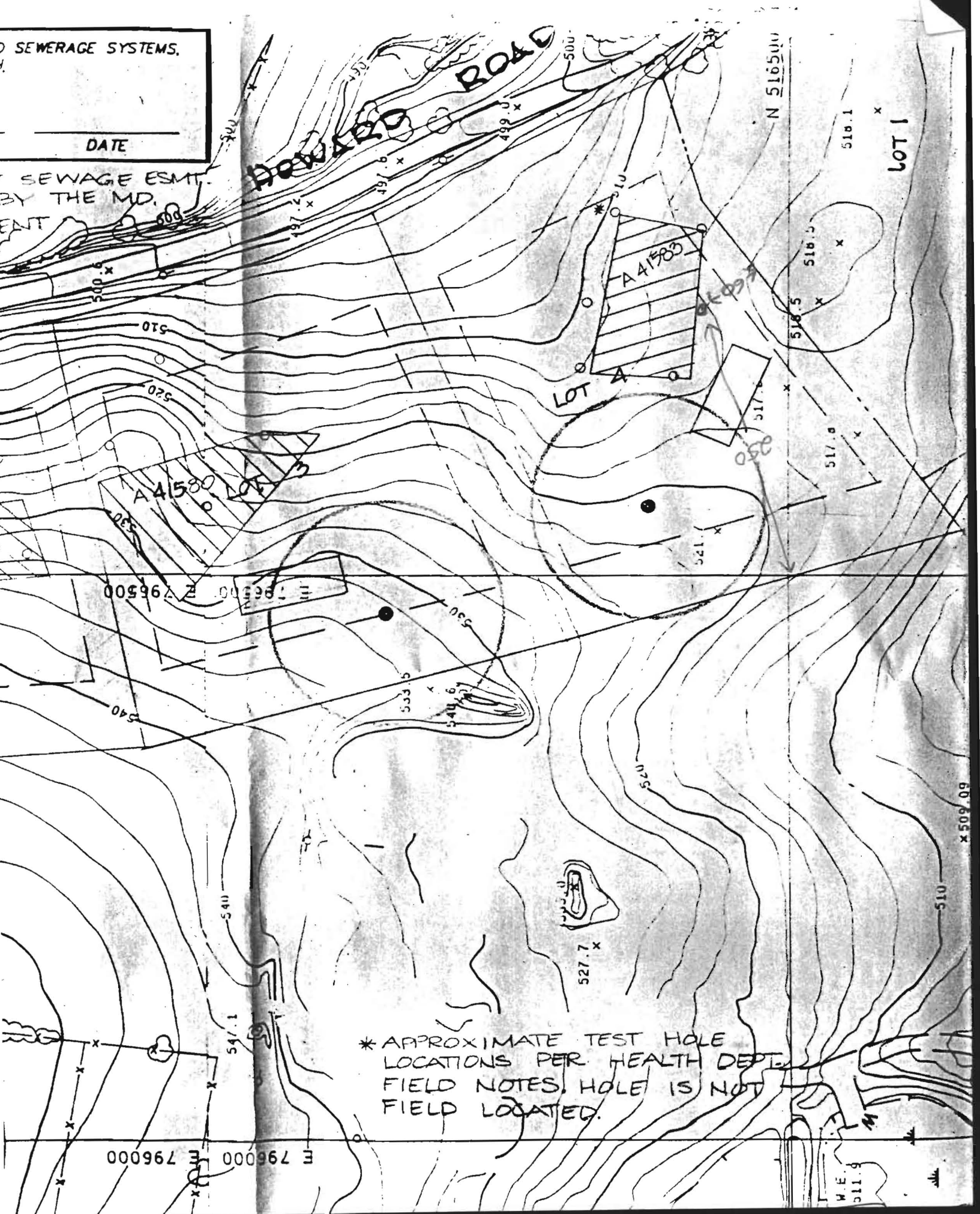
E 796500

E 796000

* APPROXIMATE TEST HOLE
LOCATIONS PER HEALTH DEPT.
FIELD NOTES. HOLE IS NOT
FIELD LOCATED.

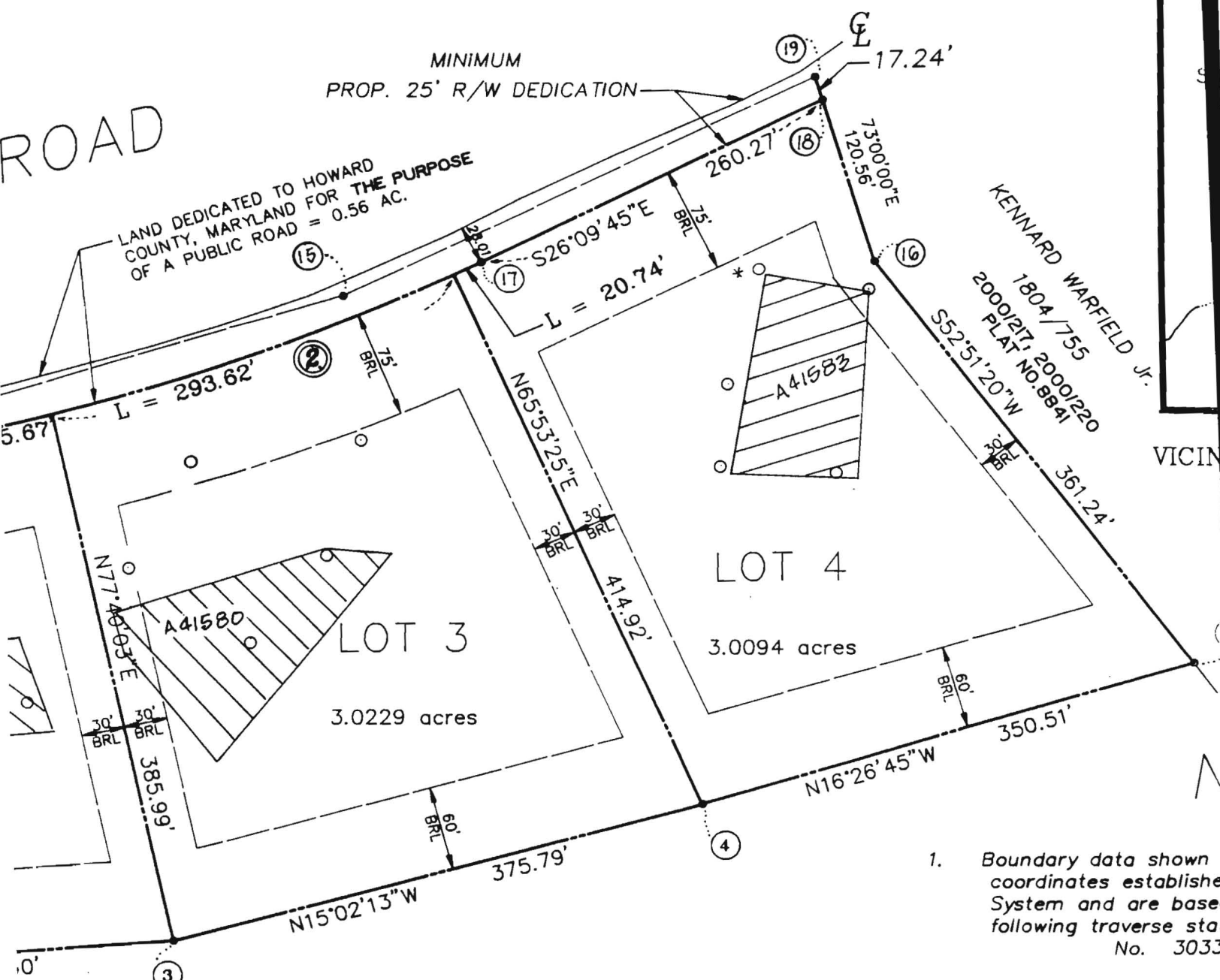
E 796000

W.E.
011.9



CHORD	BEARING	DELTA
172.86'	S21°48'22"E	51°12'24"
408.74'	S18°19'54"E	15°39'42"

ROAD



KENNARD AND M. ISABEL WARFIELD
 939/207 165/380
 1805/20
 PARCEL 114

* APPROXIMATE TEST HOLE LOCATIONS PER HEALTH DEPARTMENT FIELD NOTES. HOLE 16 NOT FIELD LOCATED.

- Boundary data shown on this map are coordinates established in the National Grid System and are based on the following traverse station No. 30330 and No. 30331.
- This area designated as a square foot as required for the environment for the purpose of any nature in this area is available. These easements in connection to a public utility shall have the authority of the private sewage easement shall not be subject to the minimum ownership requirements of the Maryland State Department of the Environment. BRL denotes Building Right Line.
- Grading, structures, or other improvements shall not be permitted within 75 feet of the boundary lines.

OWNER
 KENNARD WARFIELD Jr.