

# APPLICATION

PERCOLATION TESTING

A 58578

7/22/97

P \_\_\_\_\_

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

Preview OK  
- No existing house on parcel 7  
- No surrounding wells or septic per R.C.  
- Don't need to test residue - Agriculture Preserv. ALM

DISTRICT 4

DATE 7/22/1997

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 JOHN POULTON, ESQ. (PERSONAL REPRESENTATIVE ESTATE OF ROBT. W. WARFIELD)  
OBER, KALTR, GRIMES & SHRIVER 21202 (410)  
ADDRESS 120 E. BALTO. STREET, BALTIMORE, MD PHONE 347-7311

AGENT OR PROSPECTIVE BUYER RONALD D. CARTER  
ADDRESS 1750 DAISY ROAD, WOODBINE, MD. 21797 PHONE (410) 442-1045

PROPERTY LOCATION:

SUBDIVISION WARFIELD PROPERTY. LOT NO. 1

ROAD AND DESCRIPTION DAISY ROAD EAST SIDE BETWEEN BUSHY PARK RD AND UNION CHAPEL ROAD. ADJ. TO DAISY METHODIST CHURCH

TAX MAP 14 PARCEL # P/6 7

SIZE OF LOT 1 ACRE TYPE BLDG. SFR 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. Ronald D. Carter  
(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

58578

COUNTY #

SOIL PROFILE

0' (1)  
or/red/br clay 1m  
5.0'  
or/tan silty loam 15% shale frags  
12.0'

(2)

red/br clay loam  
4.0'  
tan/red silty loam 10-15% rock fragments  
10.5'

(3)

red/or/brown clay loam  
4.0'  
tan/or silty loam 20% shale frags  
12.0'



SOIL PROFILE

0' (5)  
red/br clay 1m  
4.0'  
rock outcrop  
8.0'  
tan/or silty loam 35% rock frags  
13.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Daisy Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/11/97	1	4.5'S	10:00 <sub>30</sub>	10:06	10:06	10:13 <sub>30</sub>	7 1/2 min	
		12.0'D	visual	ok - see profile				
	2	10.5'D	visual	only - ok see profile				
	3	4.5'S	10:05 <sub>30</sub>	10:09	10:09	10:13	4 min	
		12.0'D	visual	ok - see profile				
	5	2.5'S	10:18 <sub>40</sub>	10:32 <sub>30</sub>	10:32 <sub>30</sub>	10:39 <sub>30</sub>	7 min	
		8.5'S	too fast - repour					
		13.0'D	visual	ok - see profile				
		8.5'S	10:30	10:36	10:36	10:46	10 min	

REMARKS test holes staked

TYPE OF SOIL

TESTED BY Kim Maiste/Amy McMillen ALSO PRESENT Olen Ketterman/Ron Carter

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7 minutes TRENCH WIDTH 3.0

INLET DEPTH 4.0' MAXIMUM BOTTOM DEPTH 6.0' SQ. FT./BEDROOM 180

58578

COUNTY #

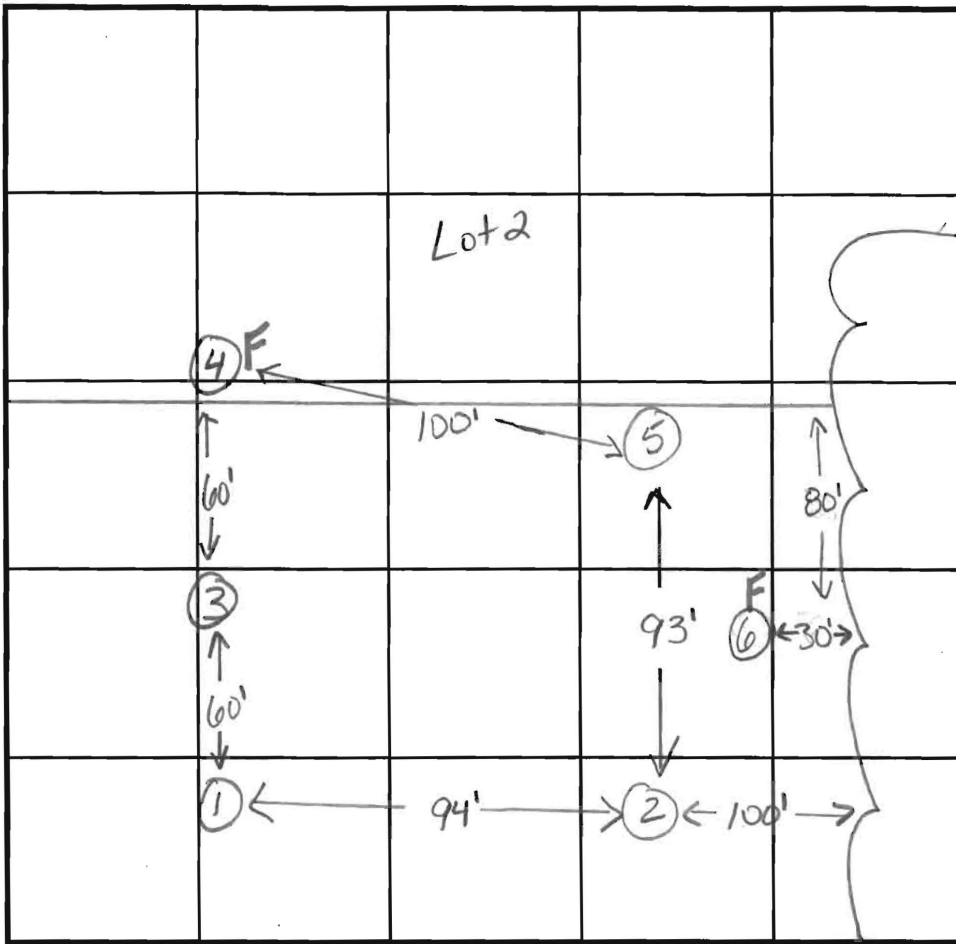
SOIL PROFILE

0'  
 or/br  
 Clay  
 1m

3.0'  
 or/red/  
 yellow  
 silty  
 50%  
 shale  
 frags  
 after  
 6.0'

10.0'

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Daisy Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/9/97	6	3.0'S	11:43	11:50	11:50	11:58	8min
		10.0'D	FAILED DUE TO ROCK				F

REMARKS test hole not staked

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

TESTED BY Kim Maisto ALSO PRESENT Ketterman's

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 minutes TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT/BEDROOM 180

# 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 \_\_\_\_\_

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

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

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

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(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. \_\_\_\_\_  
(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

58578

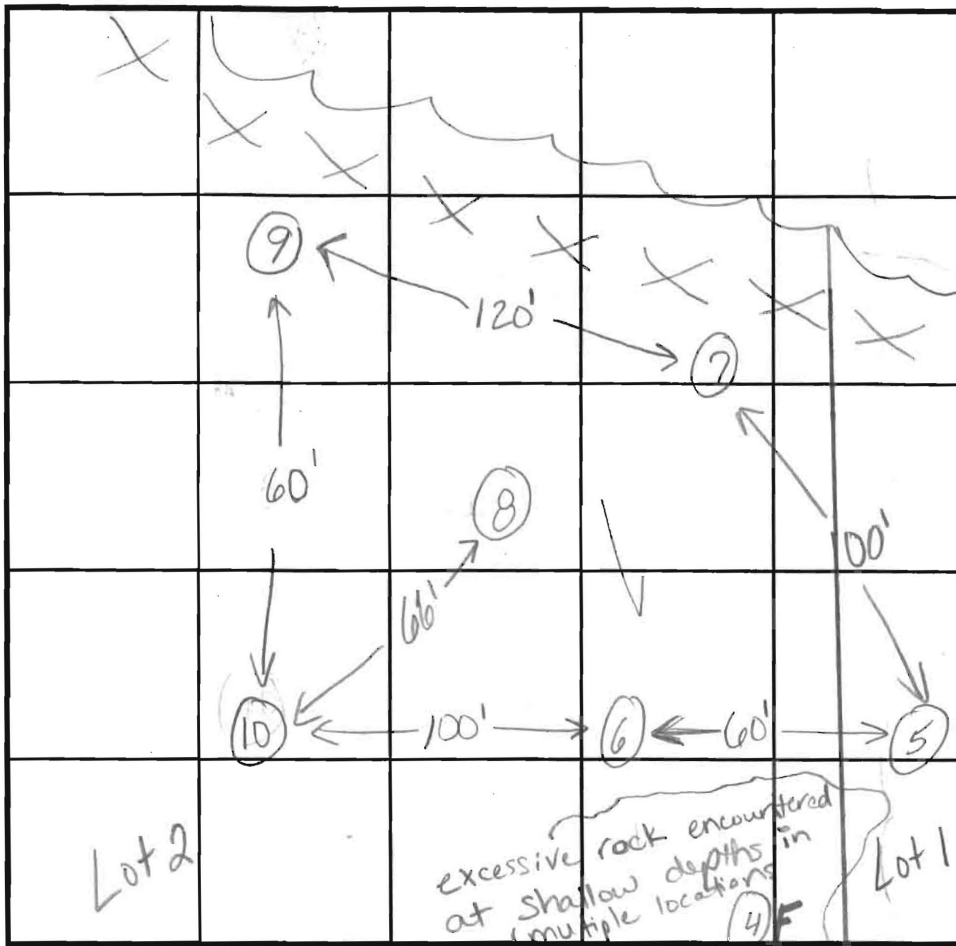
COUNTY #

SOIL PROFILE

0' (4)  
 red/br clay 1m  
 5.0' tan/br silty 1m  
 6.5' 30-35% rock frags  
 11.5'

(6)  
 red/br clay 1m  
 3.0' pink-tan orange silty loam 10% shale frags  
 11.5'

(7)  
 same as test hole #6  
 (10)  
 same as test hole #9



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' (9)  
 red/br clay loam 4.0'  
 pink/tan silty loam 10% shale frags 11.0'

(8)  
 same as test hole #6

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/1/97	4	4.5'S	10:11	10:18	10:18	10:23	5min	
		11.0'S	/hole not used too much rock - see profile					
	6	4.5'S	11:13	11:16	11:16	11:18	2min	
		11.0'S	visual ok - see profile					
	7	12.0'D	visual only - ok see profile					
	8	12.0'D	visual only - ok see profile					
	9	4.5'S	11:21	11:25	11:25	11:30	5min	
		11.0'D	visual ok - see profile					
	10	12.0'D	visual only - ok see profile					

Fail

REMARKS test holes staked

TYPE OF SOIL

TESTED BY

Kim Maiste / Amy McMillen

ALSO PRESENT

Olen Ketterman / Ron Carter

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

4min

TRENCH WIDTH

3.0

INLET DEPTH

4.0'

MAXIMUM BOTTOM DEPTH

6.0'

SQ. FT./BEDROOM

180

# APPLICATION

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P \_\_\_\_\_

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

DISTRICT 4

DATE 7/22/1997

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER JOHN POULTON, ESQ. (PERSONAL REPRESENTATIVE ESTATE OF ROBT. M. WARFIELD)  
OBER, KALER, GRIMES & SHRIVER  
ADDRESS 120 E. BALTO. STREET, BALTO, MD. 21202 PHONE (410) 347-7311

AGENT OR PROSPECTIVE BUYER RONALD B. CARTER  
ADDRESS 1750 DAISY ROAD, WOODBINE, MD. 21797 PHONE (410) 442-1045

PROPERTY LOCATION:

SUBDIVISION WARFIELD PROPERTY LOT NO. 2

ROAD AND DESCRIPTION DAISY ROAD, EAST SIDE BETWEEN BUSHY PARK RD AND UNION  
CHAPEL ROAD ADJ. TO DAISY METHODIST CHURCH

TAX MAP 14 PARCEL # P/0 7

SIZE OF LOT 1 ACRE TYPE BLDG. SFR 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. Ronald B. Carter  
(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



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## HOWARD COUNTY HEALTH DEPARTMENT

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

July 22, 1997

John Poulton  
Ober, Kaler, Grimes & Shriver  
120 E. Baltimore Street  
Baltimore, Maryland 21202

RE: Percolation Test Date  
Application Number - A58578  
Purpose: Subdivision  
Property ID: Warfield Property - Lots 1 & 2  
Tax Map: 14 Parcel: 7

Dear Mr. Poulton:

A percolation test date has been reserved for 10:00 a.m., Friday, August 1, 1997, for the above referenced Property.

You will be responsible for having a contractor on-site to excavate test holes at the corners of proposed percolation area.

In the event of uncertain weather (i.e. precipitation or extremes of temperature), please contact this office prior to 9:00 a.m. to determine whether percolation testing can be performed on the above reserved date. If it is not feasible to perform the test, a new test date will be assigned.

Percolation test results can be expected within approximately 2 to 3 weeks.

Please call this office between 8:00 a.m. and 5:00 p.m., Monday through Friday, to confirm your acceptance of this percolation test date.

Thank you for your cooperation in this matter.

Very truly yours,

Amy Mc Millen, R.S.  
Water & Sewerage Program

AM:am  
cc:Ronald B. Carter  
File



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## HOWARD COUNTY HEALTH DEPARTMENT

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

August 13, 1997

John Poulton  
Ober, Kaler, Grimes & Shriver  
120 E. Baltimore Street  
Baltimore, Maryland 21202

RE: Percolation Test Results  
Application Number - A58578  
Proposed Use: Subdivision  
Property ID: Warfield Property - Lots 1 & 2  
Tax Map: 14 Parcel: 7

Dear Mr. Poulton:

Percolation testing conducted August 1, 1997, on the above referenced property indicated limited satisfactory soil conditions. Excessive rock was encountered at shallow depths in some locations. At this time, it is uncertain as to whether or not sufficient area can be established for two lots.

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: Ron Carter  
File

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Bureau of Environmental Health  
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544  
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644  
Food Protection Program (410) 313-2642 TDD (410) 313-2323



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DEPARTMENT OF PLANNING & ZONING

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*Joseph W. Rutter, Jr., Director*

March 8, 1999

Mr. Terrell Fisher, P.E., L.S.  
Fisher, Collins and Carter  
Centennial Square Office Park  
10272 Baltimore National Pike  
Ellicott City, MD 21042

Dear Mr. Fisher:

RE: Robert Warfield Property, Lots 3 and 4, A Resubdivision of  
Lots 1 and 2

In response to your request to submit an "original only" subdivision plat to revise or correct an existing recorded plat, the Division of Land Development hereby gives authorization to proceed, subject to submission of the following required items:

1. An original mylar plat with an original surveyor's seal and signatures, and containing no stick-ons or press-type lettering;
2. A completed and signed Department of Planning and Zoning, Division of Land Development, final subdivision application and checklist;
3. A completed and signed DPZ, Development Engineering Division final plat checklist;
4. Payment to the *Director of Finance* and charged to account number R-011-005-4205 of the DPZ, Development Engineering Division Plat Review Fee: [\$50.00/lot, (open space lots included) \$100.00 minimum/\$1,000.00 maximum per plat]. Verify this requirement with Ms. Pat Britt-Fendlay, DPZ, Development Engineering Division, at (410) 313-2420. Should these fees not be required, then a memo from DPZ is required at the time of submission for the plat original.
5. Payment to the *Director of Finance* of a processing fee of \$300.00 per plat sheet as indicated in the adopted fee schedule, and a distribution fee of \$17.50 per plat sheet;
6. A check made payable to the *Clerk of the Court* of a recording fee of \$5.00 per plat sheet and \$22.00 for a resolution prepared by the Department of Planning and Zoning, and if applicable, a Use-In-Common Driveway Maintenance Agreement fee of \$22.00 for 1 thru 9 sheets, or \$77.00 for 10 plus sheets;
7. One copy of this letter;
8. Three plat copies with highlighted revisions.
9. If the subject property is utilizing private septic and/or well system, and is a part of a previously recorded subdivision, provide one copy of the recorded plat so that Environmental Health may review this plat in a timely manner.
10. Digital submission of parcel, lot and right-of-way boundaries in accordance with the DPZ digital format requirements.
  - 1) MicroStation .dgn format showing at least two tick marks of coordinate points in the file.
  - 2) AutoCAD v.12, .dwg or .dxf format showing at least two tick marks of coordinate points in the file. AutoCAD versions other than v.12 will not be accepted.
  - 3) ASCII file of coordinate table(s).

BL

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
Division of Land Development

DATE: 11-6-98

P&Z File No. F-99-06

Department of Planning and Zoning

- Transportation Planning
- Historic Preservation
- Comprehensive Planning and Zoning Administration
- Research
- Address Coordinator

- Agricultural Preservation
- Development Engineering Division
- Forest Conservation Planner
- File

Agencies

- Soil Conservation District
- Department of Inspections, Licenses & Permits *Rich Powell*
- Department of Fire and Rescue Services
- State Highway Administration
- Bureau of Environmental Health
- Board of Education
- Recreation and Parks

- Tax Assessment
- Bell Atlantic Telephone
- BG&E
- Cable TV
- Police
- MTA
- Finance
- DPW, Real Estate Services
- DPW, Construction and Inspection
- DPW, Bureau of Utilities

RE: Robert Wayfield Property

ENCLOSED FOR YOUR →  Signature Approval     Review & Comments     Files  
 THE ENCLOSED →  Original

Plans	# of Sheets	Supplemental Documents
<input type="checkbox"/> Sketch Plan	<input type="checkbox"/>	<input type="checkbox"/> Wetlands Report
<input type="checkbox"/> Prel Equiv Sketch Plan	<input type="checkbox"/>	<input type="checkbox"/> Soils/Topo Map/Drain Area Map
<input type="checkbox"/> Preliminary Plan	<input type="checkbox"/>	<input type="checkbox"/> FSD/FCP/Worksheet and Application
<input checked="" type="checkbox"/> Final Plat	<input checked="" type="checkbox"/>	<input type="checkbox"/> Declaration of Intent
<input type="checkbox"/> Final Constr Plans (RDS)	<input type="checkbox"/>	<input type="checkbox"/> Drainage and/or Computation/Pond Safety Comps
<input type="checkbox"/> Final Development Plan	<input type="checkbox"/>	<input type="checkbox"/> Preliminary Road Profiles
<input type="checkbox"/> Site Development Plan	<input type="checkbox"/>	<input type="checkbox"/> APFO Roads Test/Mitigation Plan
<input type="checkbox"/> Landscape Plan	<input type="checkbox"/>	<input type="checkbox"/> Traffic Study/Noise Study
<input type="checkbox"/> Grading Plan	<input type="checkbox"/>	<input type="checkbox"/> Sight Distance Analysis
<input type="checkbox"/> House Type Revision Plan	<input type="checkbox"/>	<input type="checkbox"/> Floodplain Study
<input type="checkbox"/> Water and Sewer Plan	<input type="checkbox"/>	<input type="checkbox"/> Stormwater Management Comps.
<u>Applications</u>		<input type="checkbox"/> Industrial Waste Survey (DPW)
<input type="checkbox"/> Waiver Petition Applic/Exhibit	<input type="checkbox"/>	<input type="checkbox"/> Road Poster Form Letter
<input type="checkbox"/> Planning Board Applic	<input type="checkbox"/>	<input type="checkbox"/> Response Letter
<input type="checkbox"/> ASDP/CSDP Application	<input type="checkbox"/>	<input type="checkbox"/> Perc Plat
<input type="checkbox"/> DED Application/Checklist	<input type="checkbox"/>	<input type="checkbox"/> Scenic Road Exhibits
<input type="checkbox"/> DED Fee Receipt/Deeds/Cost Estimate	<input type="checkbox"/>	

WAS:  Received     Tentatively Approved  
 Received and Revised     Approved

Recorded  
 On 11-4-98

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SRC/COMMENTS DUE BY: \_\_\_\_\_

Check, initial and return to the Department of Planning and Zoning if plan is approved with no comments.

March 8, 1999

DEPARTMENT OF PLANNING AND ZONING  
*Division of Land Development*

COMMENTS

RE: Robert Warfield Property, Lots 3 and 4, A Resubdivision of Lots 1 and 2

1. The owner must coordinate the proposed resubdivision lot design and the modification of any agricultural preservation deeds or easement documents with Mr. Bill Pickens, Administrator for the Agricultural Preservation Program prior to submission of the plat originals.
2. Revise the use-in-common driveway access easement note to reference previous Lots 1 and 2, now new Lots 3 and 4. Also, revise Lot numbers in notes 16 and 20.
3. Complete all signatures and dates.
4. Revise note 13 to indicate, "Use-In-Common Driveways shall be provided prior to issuance of a building permit to insure...".
5. Additional comments may be generated upon review of the original mylar.

:bsl

All submissions must also be accompanied by a written listing of the digital file's data structure. For MicroStation or AutoCAD files, this will include a listing of what information is on each layer/level, the source of the data and the level of spatial accuracy of the source, i.e.: 1"=200' or 1:2400. ASCII submissions will include similar information on the source of the data, along with a description of the file layout and delimiters.

This information is to be transferred on a virus-free 3.5" diskette. If you have any questions, please contact Yongyuth Phasukyued of the GIS Division of the Department of Technology and Communications at (410) 313-3093.

11. Submission of two accurate 1"=600' scale reductions of the subdivision plat indicating lots/parcels with lot numbers/parcel letters and rights-of-way.

Before submitting the plat, we require you to revise the plat original to comply with the attached comments.

When the above is accepted, the plats will be circulated for signature approval and recordation. Please contact Ms. Carol Stirn of the Department of Planning and Zoning at (410) 313-2354 to schedule an appointment to submit the original plat for signature. Please bring this letter with you as it will serve as the checklist for final plat original submission.

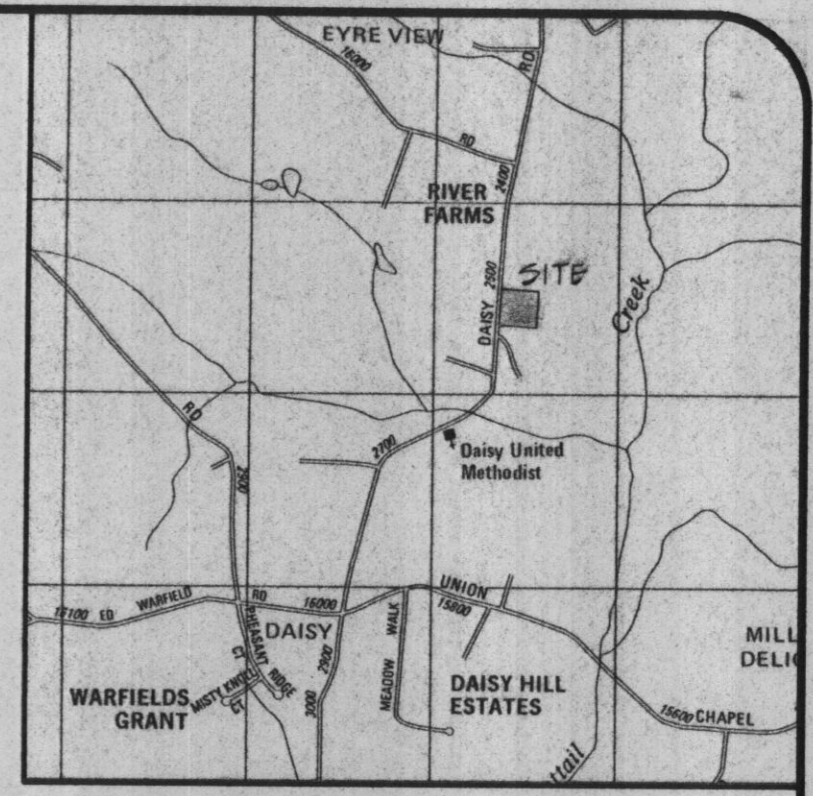
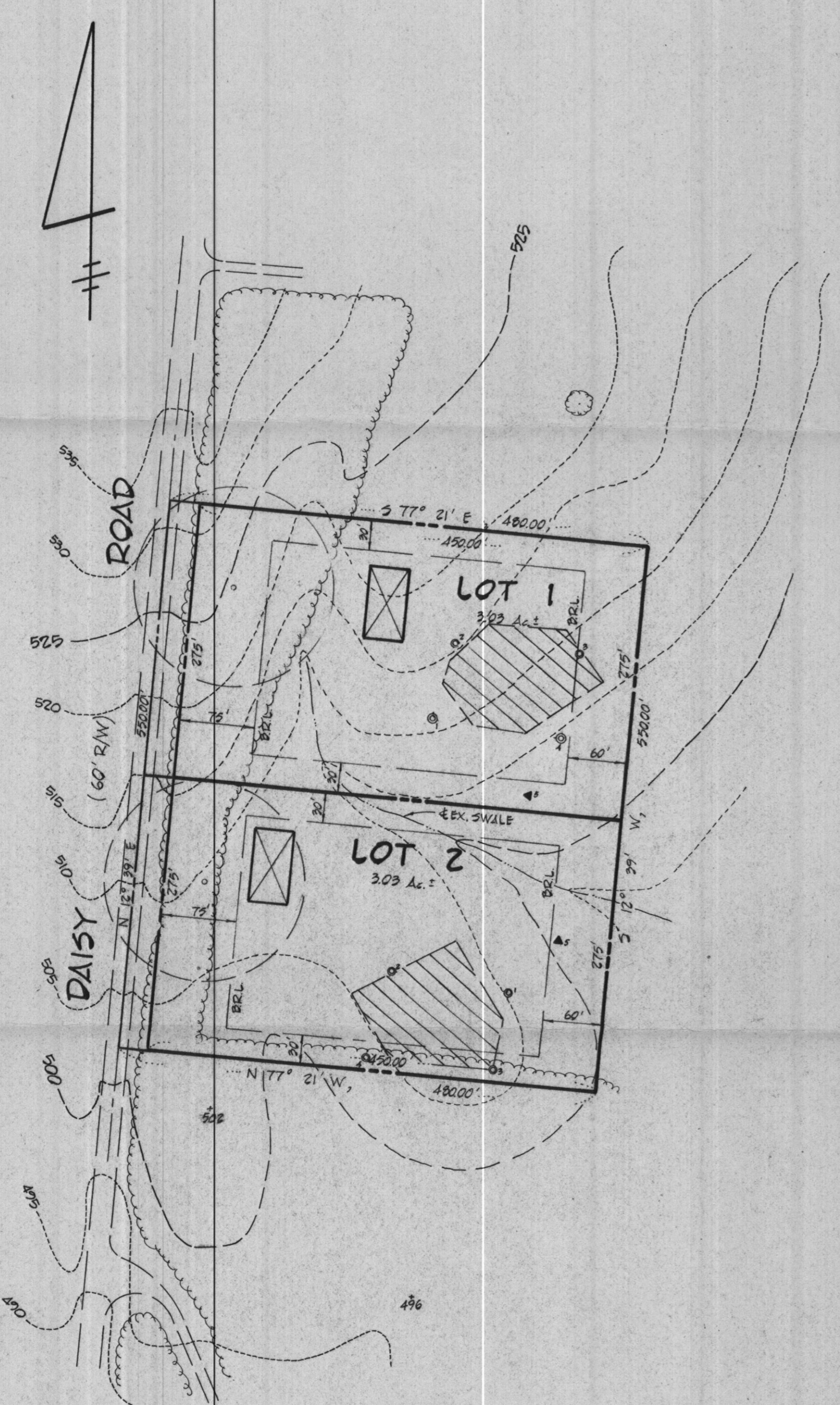
If you have any questions, please contact Brenda Luber at (410) 313-2354.

Sincerely,



L. Kent Sheubrooks  
Division of Land Development

LKS/BSL:bsl  
cc: DPZ, Development Engineering Division  
Department of Environmental Health  
Kent Sheubrooks  
Bill Pickens, Agricultural Preservation Administrator



VICINITY MAP  
SCALE: 1" = 100'

LEGEND

- SEPTIC AREA
- APPROVED PERC TEST LOCATION
- PREVIOUSLY APPROVED PERC TEST LOCATION
- APPROXIMATE LOCATION OF DWELLING
- APPROXIMATE LOCATION OF WELL
- SOIL TYPES
- FAILED PERC TEST LOCATION

NOTES

1. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENTS. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY. PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AS SHOWN. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. TOPOGRAPHIC INFORMATION BASED ON HOWARD COUNTY 200 SCALE AERIAL MAPS AND VERIFIED WITH SPOT SHOTS.
3. ALL PERTINENT EXISTING FEATURES WITHIN 100 FEET OF THE PROPOSED WELL AND SEPTIC AREAS HAVE BEEN SHOWN.

PERCOLATION TEST DATA

LOT #	PREVIOUS LOT #	AVG. PERC. TIME MIN./SECOND INCH	MAX. EFFLUENT PIPE INLET TO BE (FT.)	COUNTY APPLICATION #
1		7.0	40	49975
2		11.0	40	49974

PRINTED  
JUL 26 1996  
R.M. MOCHI GROUP, P.C.  
ELICOTT CITY, MD

SUBMITTED FOR REVIEW

STATE OF MARYLAND  
HOWARD COUNTY  
Sealed  
David P. Carter

OWNER/DEVELOPER  
ROBERT M. WARFIELD  
2425 DAISY ROAD  
WOODBINE, MD 21797  
(410) 442-1045  
ATTN: Mr. Robert M. Warfield

ENGINEER  
R.M. MOCHI GROUP, P.C.  
3300 North Ridge Road, Suite 235  
Ellicott City, Maryland 21043  
(410) 461-0079

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER MR  
DATE 7-29-96

project	96012-00	date	5-28-96
illustration	BLP	engineering	AMV
scale	1" = 100'	approval	RMM

ADDRESS HEALTH DEPT COMMENTS	7/26/96	date	
SUBMITTED TO HOWARD COUNTY HEALTH DEPT.	7/16/96	description	
		revisions	

WARFIELD PROPERTY  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT 4  
PERC PLAN

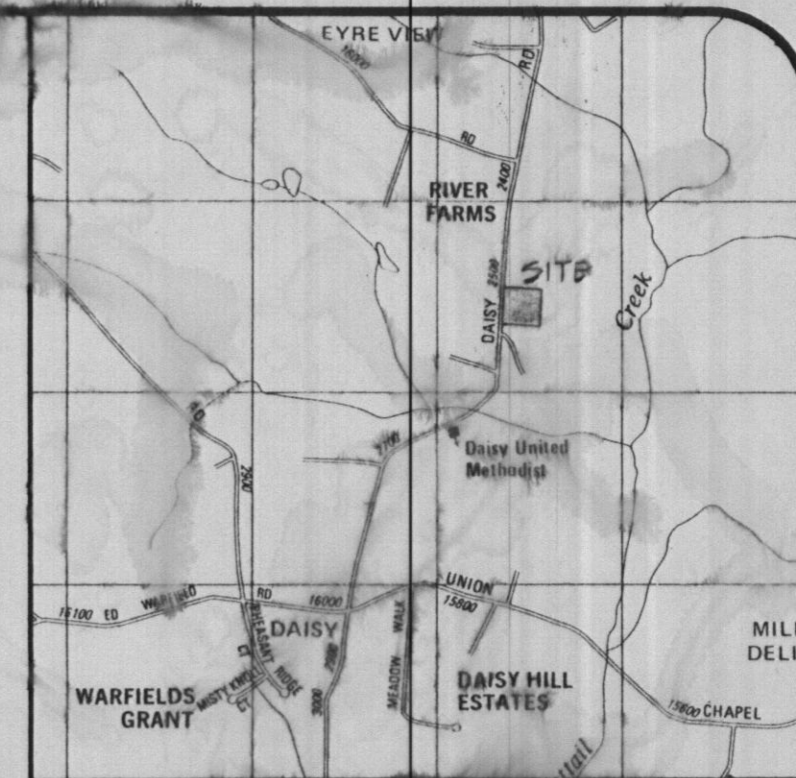
R.M. MOCHI GROUP  
3300 N. Ridge Road, Suite 235  
Ellicott City, MD 21043-3305  
(410) 461-0079  
(410) 461-0079  
Fax: (410) 750-6340

project	96012-00	date	5-28-96
illustration	BLP	engineering	AMY
scale	1" = 100'	approval	RMK

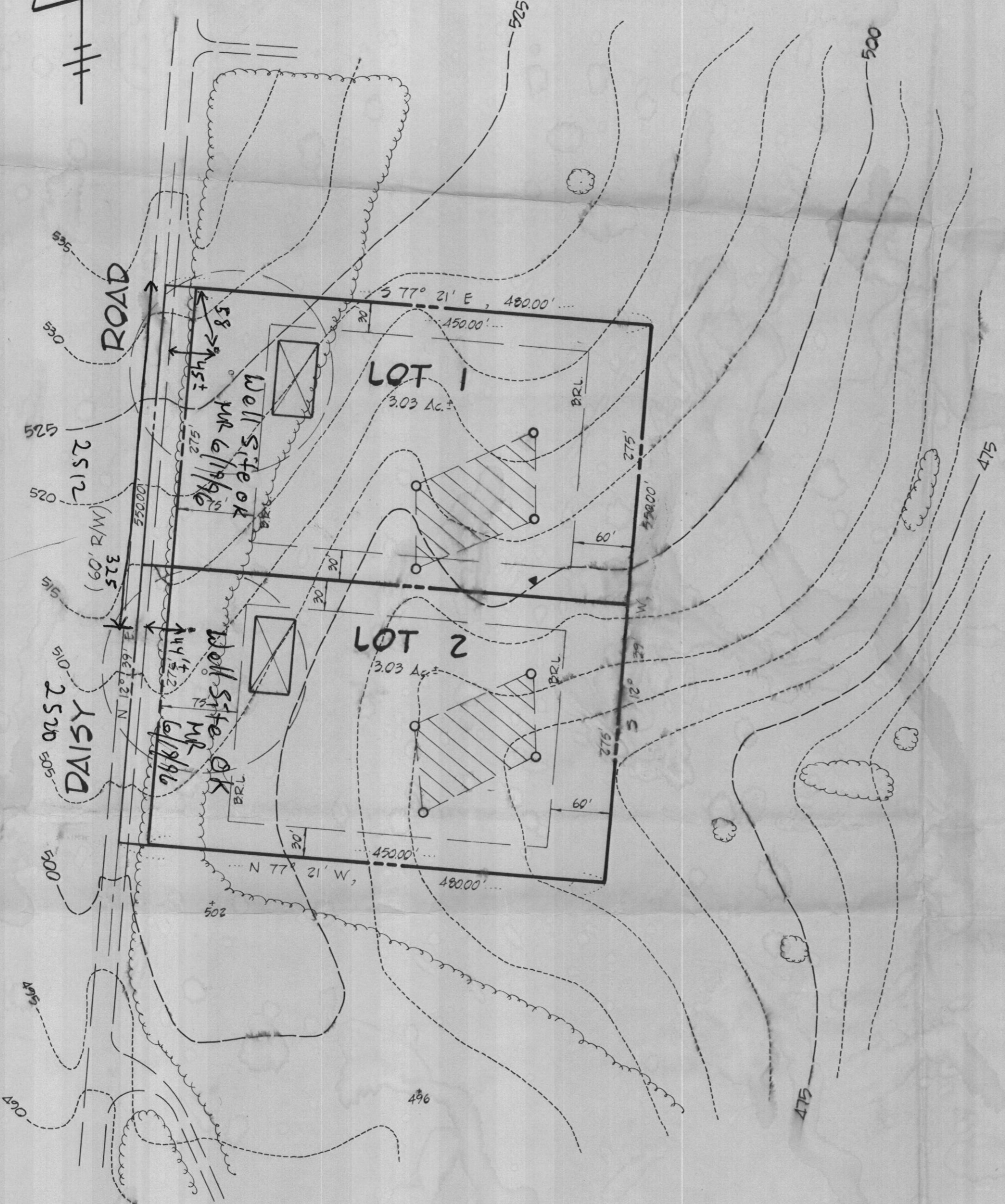
description	SUBMITTED TO HOWARD COUNTY HEALTH DEPT.	date	
revisions	0		

**WARFIELD PROPERTY**  
HOWARD COUNTY, MARYLAND  
ELECTION DISTRICT 4  
**PERC PLAN**

**R.M. MOCHI GROUP,**  
3300 N. Ridge Road, Suite 235  
Ellicott City, MD 21043-3305  
(410) 461-0079  
Fax: (410) 750-6340



VICINITY MAP  
SCALE: 1" = 2000



**LEGEND**

- SEPTIC AREA
- APPROVED PERC TEST LOCATION
- PREVIOUSLY APPROVED PERC TEST LOCATION
- APPROXIMATE LOCATION OF DWELLING
- APPROXIMATE LOCATION OF WELL
- SOIL TYPES
- FAILED PERC TEST LOCATION

**NOTES**

THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENTS. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY. PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AS SHOWN. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.

**PERCOLATION TEST DATA**

LOT #	PREVIOUS LOT #	AVG. PERC. TIME MIN./SECOND INCH	MAX. EFFLUENT PIPE INLET TO BE (FT)	COUNTY APPLICATION #
1		120	40	49975
2		120	40	49974

**OWNER/DEVELOPER**

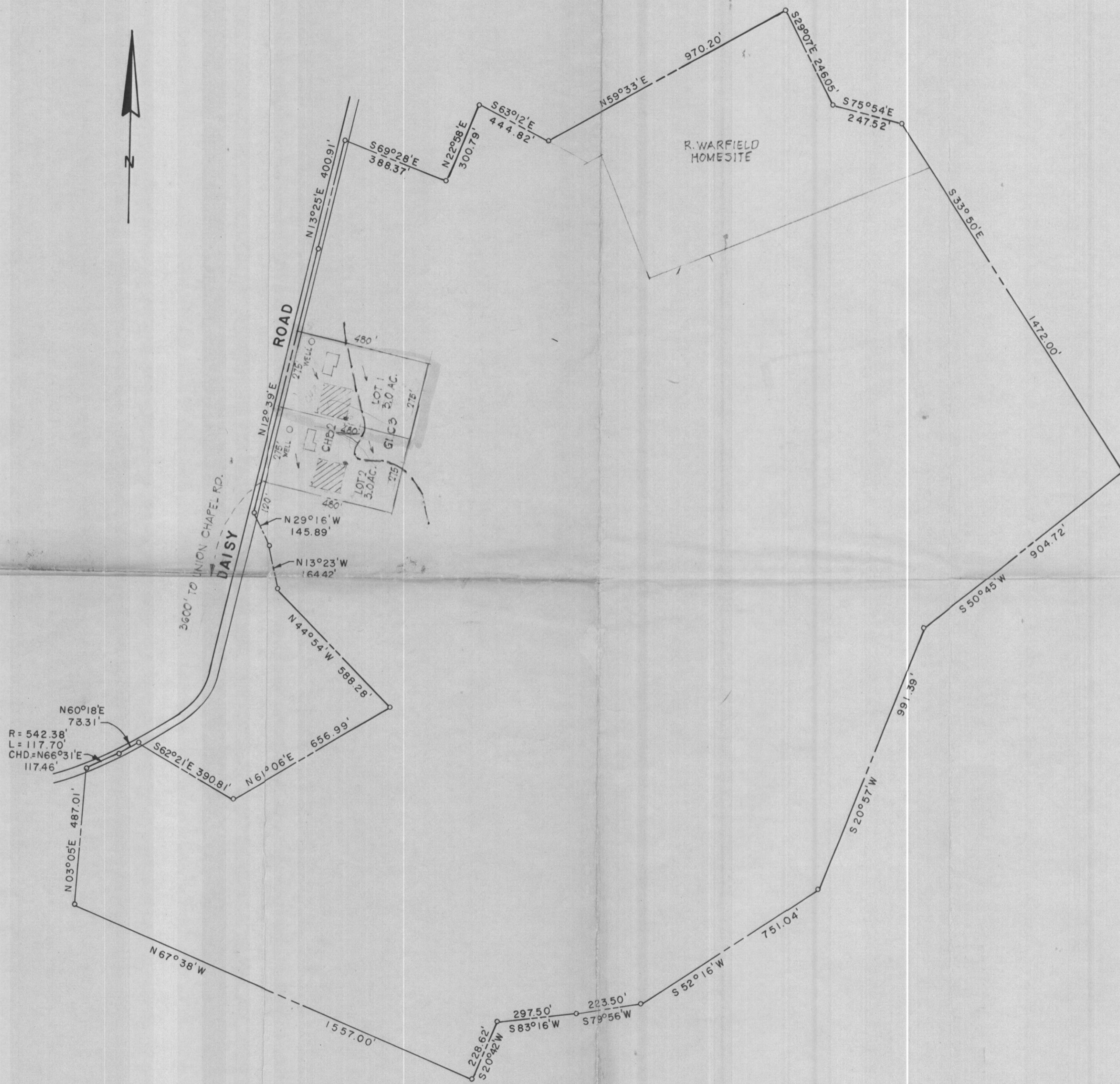
ROBERT M. WARFIELD  
2425 DAISY ROAD  
WOODBINE, MD 21797  
(410) 442-1045  
ATTN: Mr. Robert M. Warfield

**ENGINEER**

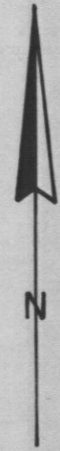
R.M. MOCHI GROUP, P.C.  
3300 North Ridge Road, Suite 235  
Ellicott City, Maryland 21043  
(410)461-0079

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

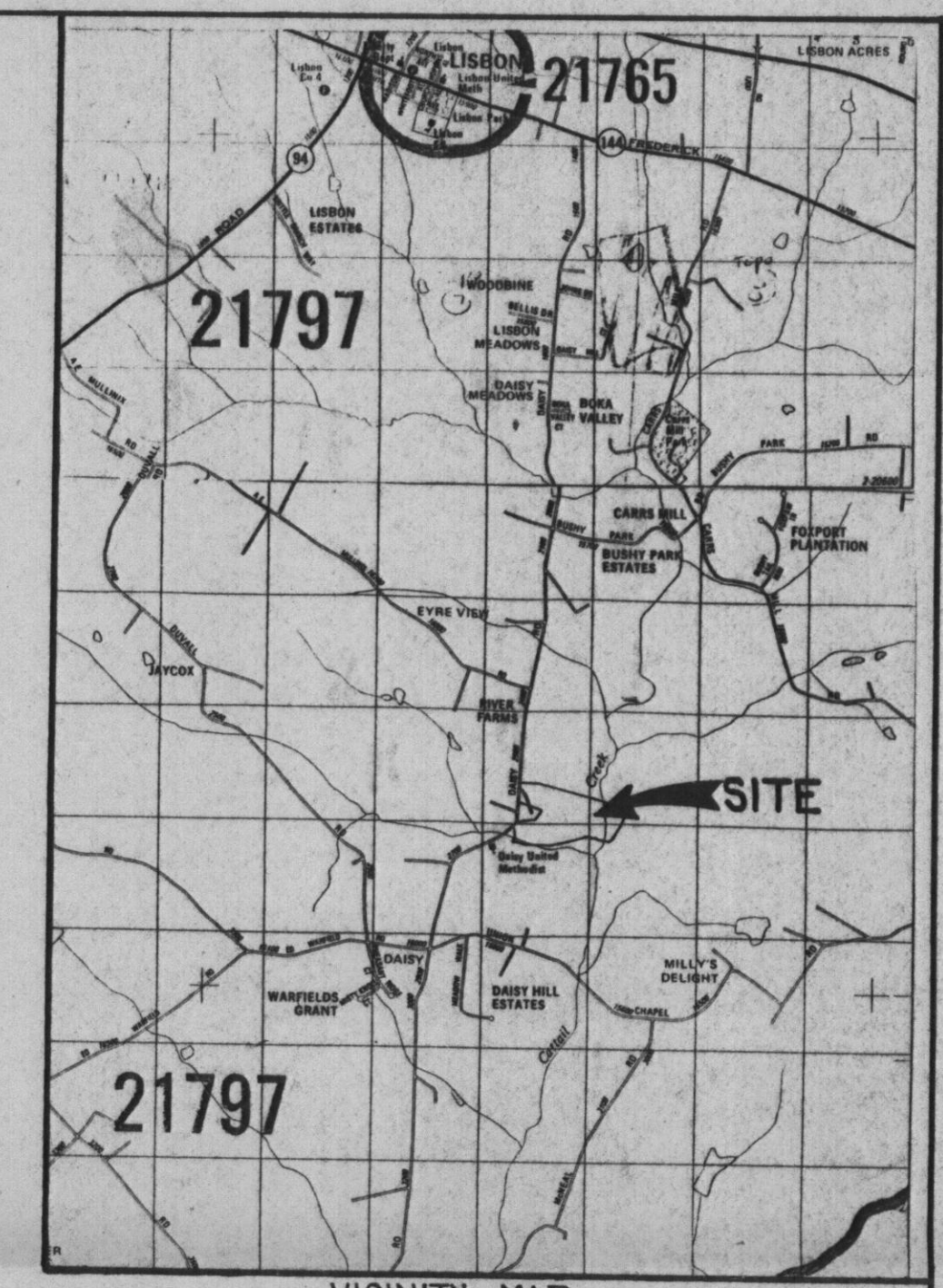


PLAN TO ACCOMPANY APPLICATION FOR  
 PERCOLATION TESTS - LOTS 1 AND 2  
**DEED COMPOSITE**  
 PROPERTY OF  
**ROBERT M. WARFIELD, ET AL**  
 FOURTH ELECTION DISTRICT OF HOWARD COUNTY  
 DAISY, MARYLAND  
 SCALE: 1" = 300'      FEBRUARY 2, 1989

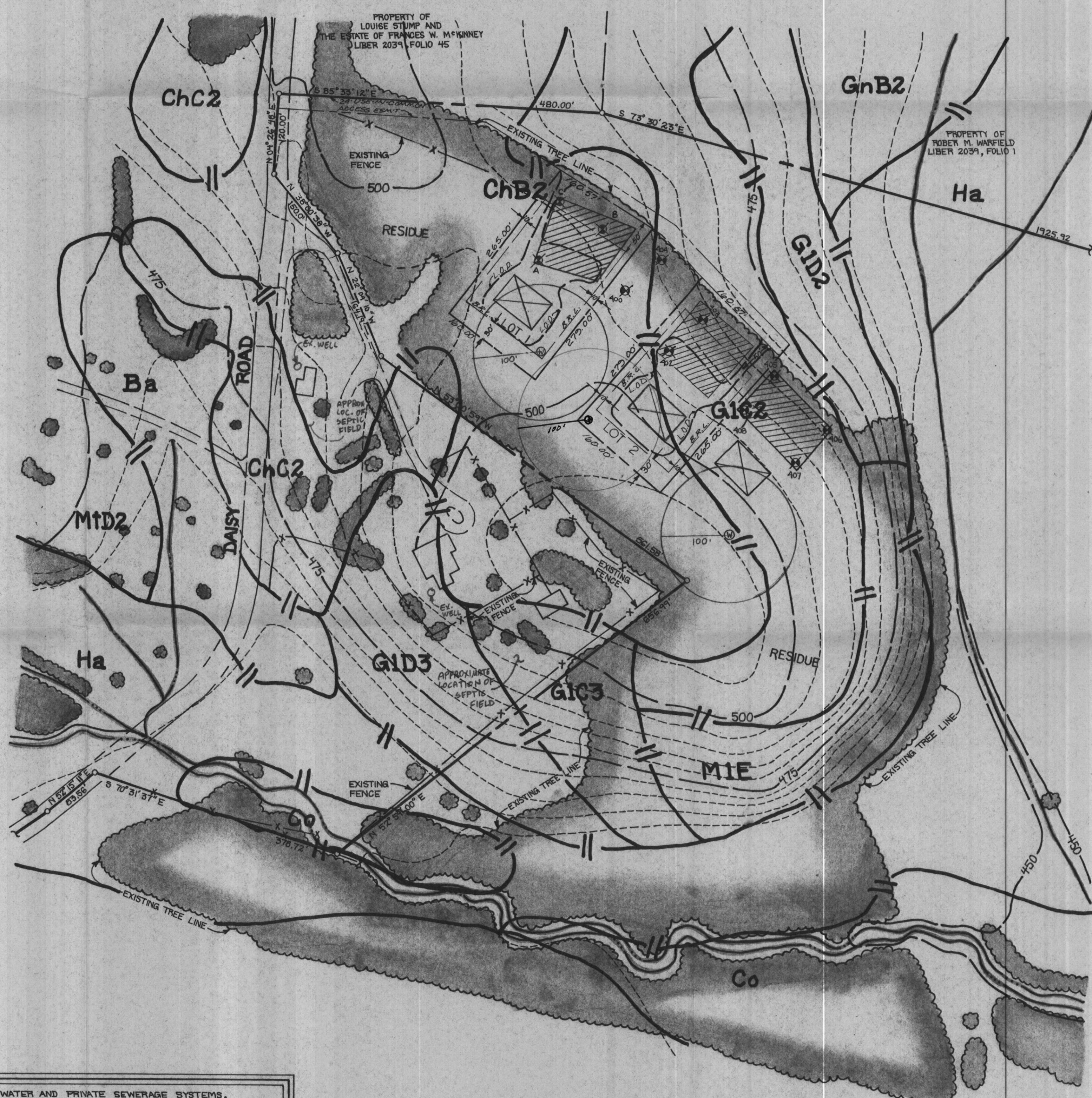


PLAN TO ACCOMPANY APPLICATION FOR  
PERCOLATION TESTS - LOTS 1 AND 2

DEED COMPOSITE  
PROPERTY OF  
ROBERT M. WARFIELD, ET AL  
FOURTH ELECTION DISTRICT OF HOWARD COUNTY  
DAISY, MARYLAND  
SCALE: 1" = 300'      FEBRUARY 2, 1989



VICINITY MAP



**GENERAL NOTES:**

1. [Hatched area symbol] 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 VARIANCES OF ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. ALL WELLS AND SEPTIC SYSTEM WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
4. [Well symbol] DENOTES WELL LOCATION.
5. [Perc hole symbol] DENOTES PERC HOLE LOCATION.
6. TOTAL NO OF PROPOSED BUILDABLE LOTS = 2
7. TOTAL AREA OF PROPOSED BUILDABLE LOTS = 2.0 AC.

**LANDSCAPING REQUIREMENTS**

LOTS 1 AND 2 ARE 100% WOODED LOTS. THEREFORE, 100% CREDIT IS REQUESTED ALONG THE FOUR LOT LINES OF EACH OF LOTS 1 AND 2.

RECEIVED  
7/17/98

*Eugenia J. Giesels*  
PROFESSIONAL ENGINEER  
20418

**PERCOLATION TEST CERTIFICATION  
TOPOGRAPHIC AND SOILS PLAN  
ROBERT WARFIELD PROPERTY  
LOTS 1 AND 2**

TAX MAP 14 PART OF PARCEL 7 GRID 7  
FOURTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
JULY, 1998  
SCALE: 1"=100'

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS &  
LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK  
10272 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND 21042  
410-461-2865

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.  
*[Signature]*  
COUNTY HEALTH OFFICER  
DATE: 7-13-98

# #60951 WARFIELD

HUGH E. FLAHER  
LIBER 2535, FOLIO

*WASH  
EX  
EAST*

## 7-3-97 DAISY ROAD

*Warfield Plots of Sewing  
E-5501  
E-5412*

EXISTING  
FENCE

EXISTING  
FENCE

TO UNION  
CHAPEL RD.

DAISY  
METHODIST  
CHURCH  
S OF  
ST. CHURCH  
210 427

### 1" = 100'

7/22/97

This piece  
of land was  
donated to the  
Daisy Methodist  
Church prior  
to this proposal  
by R. Carter  
ACM

ERIC

86

935.74

