

# APPLICATION

PERCOLATION TESTING

A 43975

P \_\_\_\_\_

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

DISTRICT 4<sup>TH</sup>

DATE 4-12-89

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 ROBERT M. QUARFIELD, ET AL

ADDRESS 15949 UNION CHAPEL ROAD, WOODBINE 21797 PHONE 442-2240

PROSPECTIVE BUYER N/A

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

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. 1

ROAD AND DESCRIPTION EAST SIDE OF DAISY ROAD JUST SOUTH OF ENTRANCE TO  
"QUARRY ON THE CATTAIL" AND <sup>3875'</sup>~~3600'~~ NORTH OF UNION CHAPEL ROAD

TAX MAP \_\_\_\_\_ PARCEL # P/O 7

SIZE OF LOT 3.0 ACRES TYPE BLDG. [blacked out]  
(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]  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING HOLD FOR CERTIFIED PLAT MR 5/24/89

HD-216

# THIS IS NOT A PERMIT

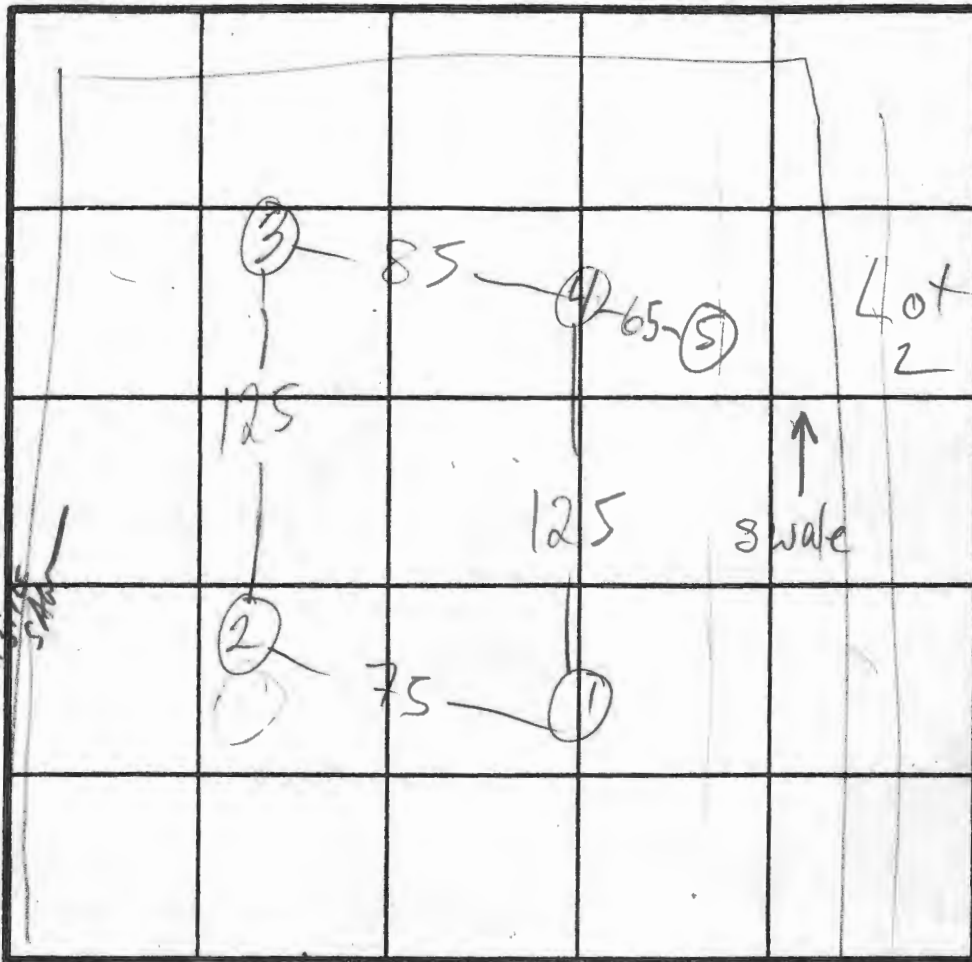
Lot 1

43975

SOIL PROFILE

6" topsoil  
 3' deep org. clay loam  
 deep org dk. yel. silt loam  
 wh. mottling at 8' 25-30%  
 10' shale frags some saprolite

Decomposed granite



② 41  
 ① ③ MED  
 ④ LO  
 X 27  
 180 BR  
 Inlet 4  
 Bottom 6

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

②

6" topsoil  
 3 1/2' deep org + some pink clay loam  
 4' org + yellow silt loam  
 20% shale frags white mottling at 4'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/24/89	1 S	4	1:32	1:37	1:37	1:47	10
	1 V	10	see profile				
	2 M	4 1/2	1:37	1:45	1:45	1:55	10
	2 V	7	1:35	1:36	1:36	1:38	2
	2 V	10 1/2	sim to ①				
	3 S	VISUAL	wh. mottling at 8'				
	3 V	11	sim to ① clay to 3-3 1/2 20% frags				
	4 S	4	1:43	1:47	1:47	1:53	6
	4 V	11	sim to ① yellow clay layer (clay to 3') 20% shale frags				
	5		WATER AT 10 1/2				

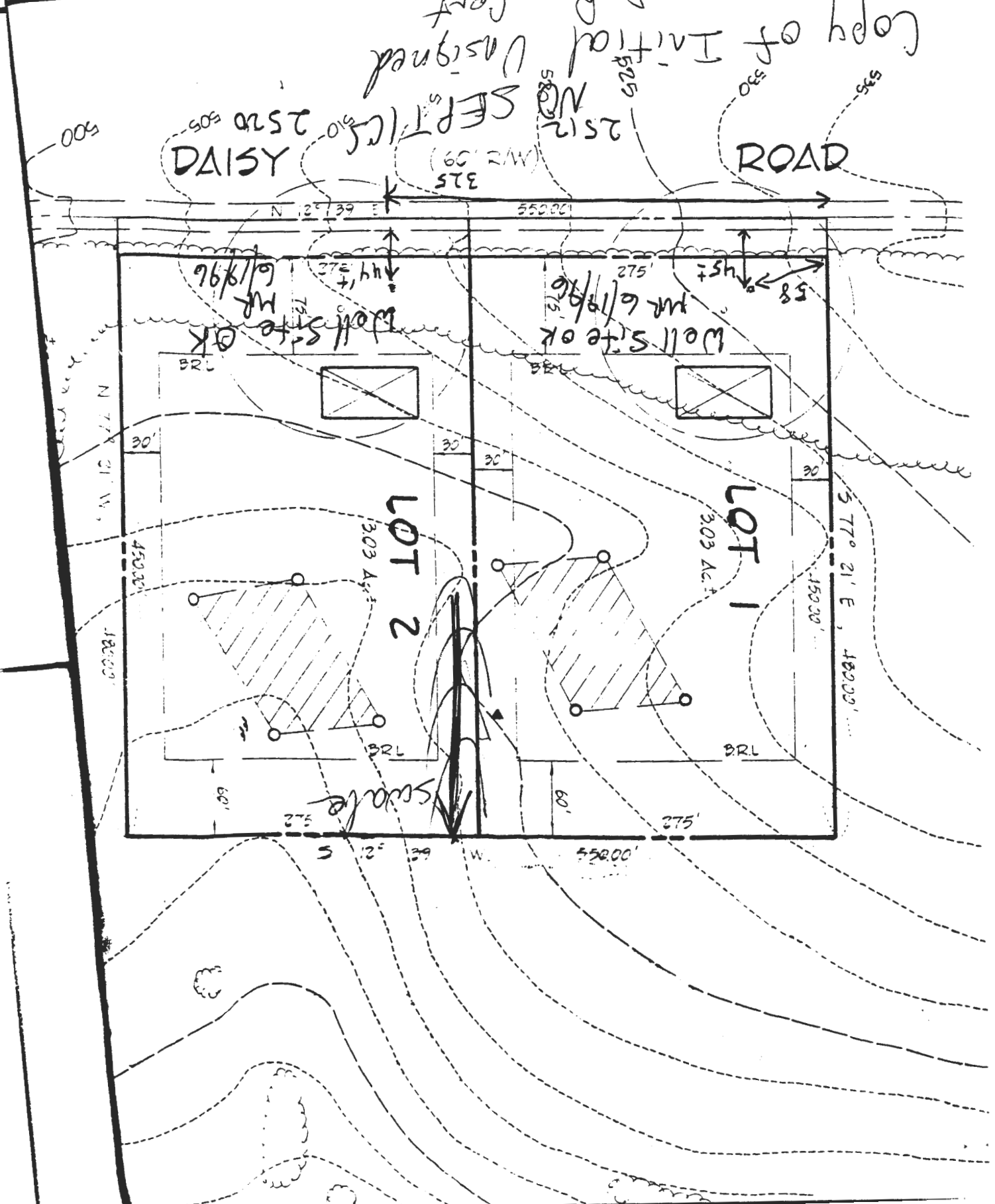
shale frags wh. mottling at 7'

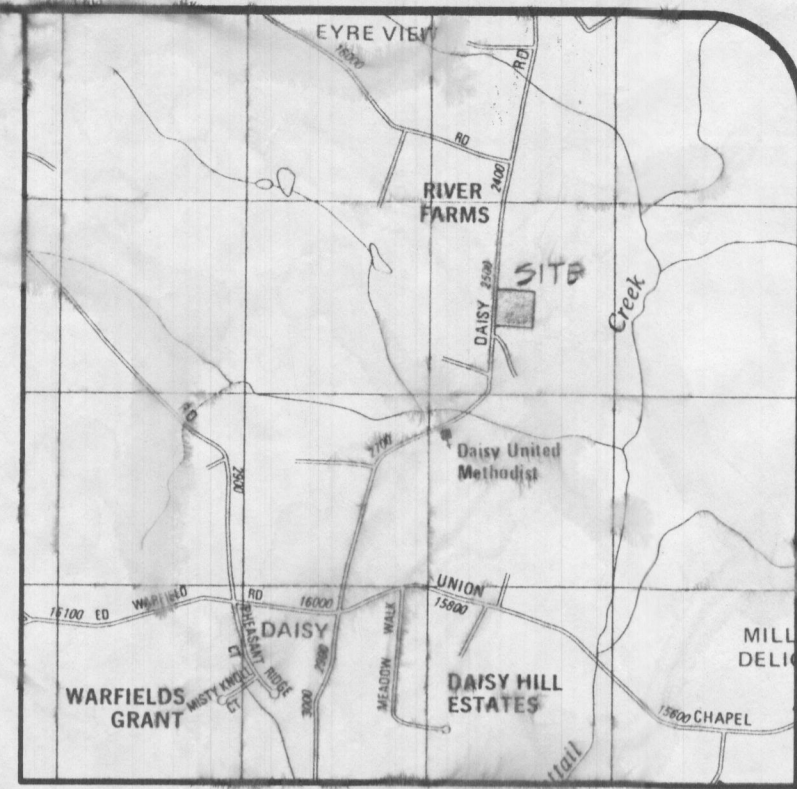
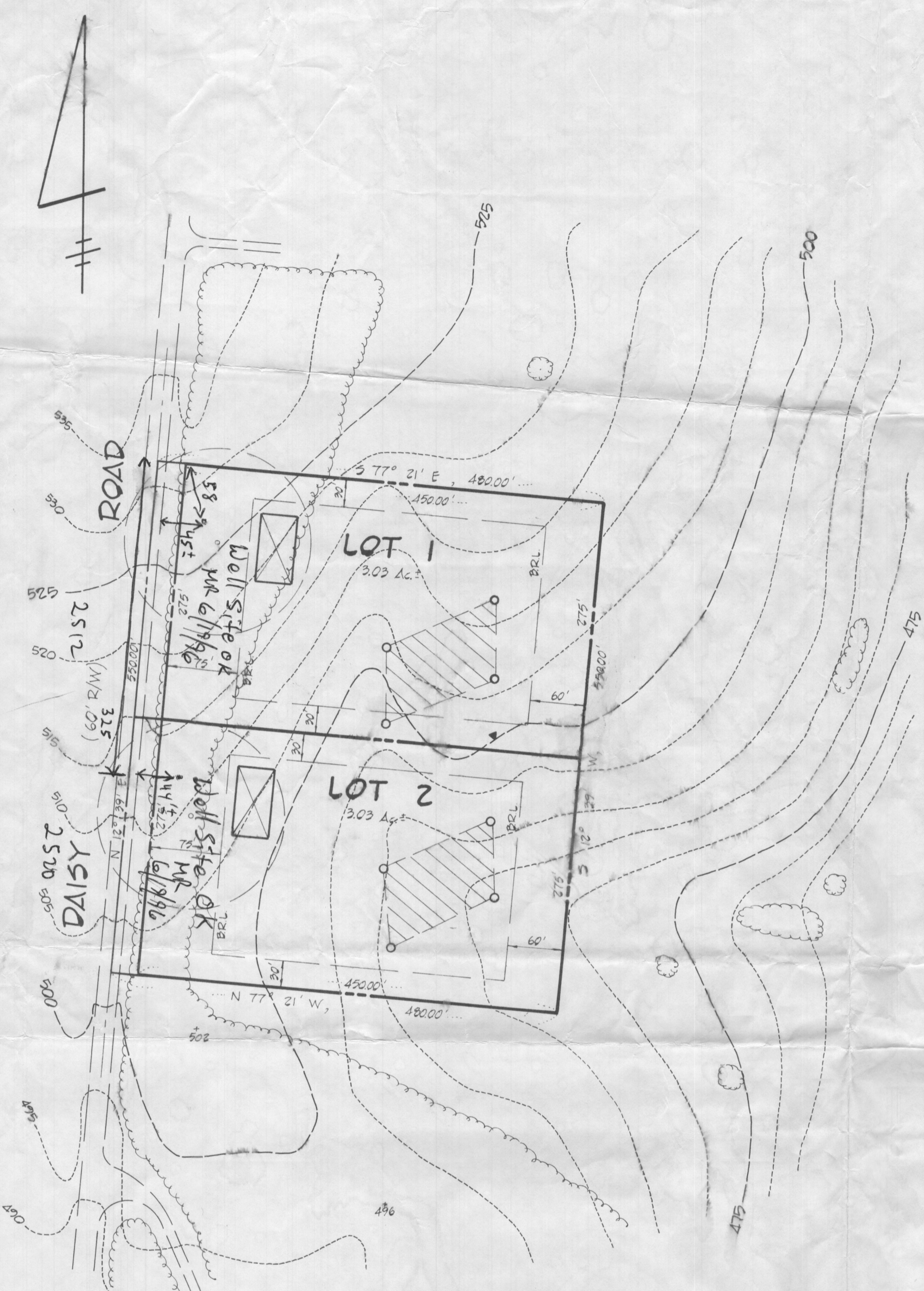
REMARKS HOLE ⑤ DUG PER PLAT - SHALLOW ONLY

TYPE OF SOIL

TESTED BY M. Lifkin ALSO PRESENT owner, i.e. agent, Olen's men

Plan suitable for well site  
 Plan w/correct topo, Rotated by Engineers!  
 Incorrect Topo, Rotated by Engineers!  
 Copy of Initial Unassigned  
 Submission of Perc Cert





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**

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		100	40	43975
2		120	40	43974

**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 \_\_\_\_\_

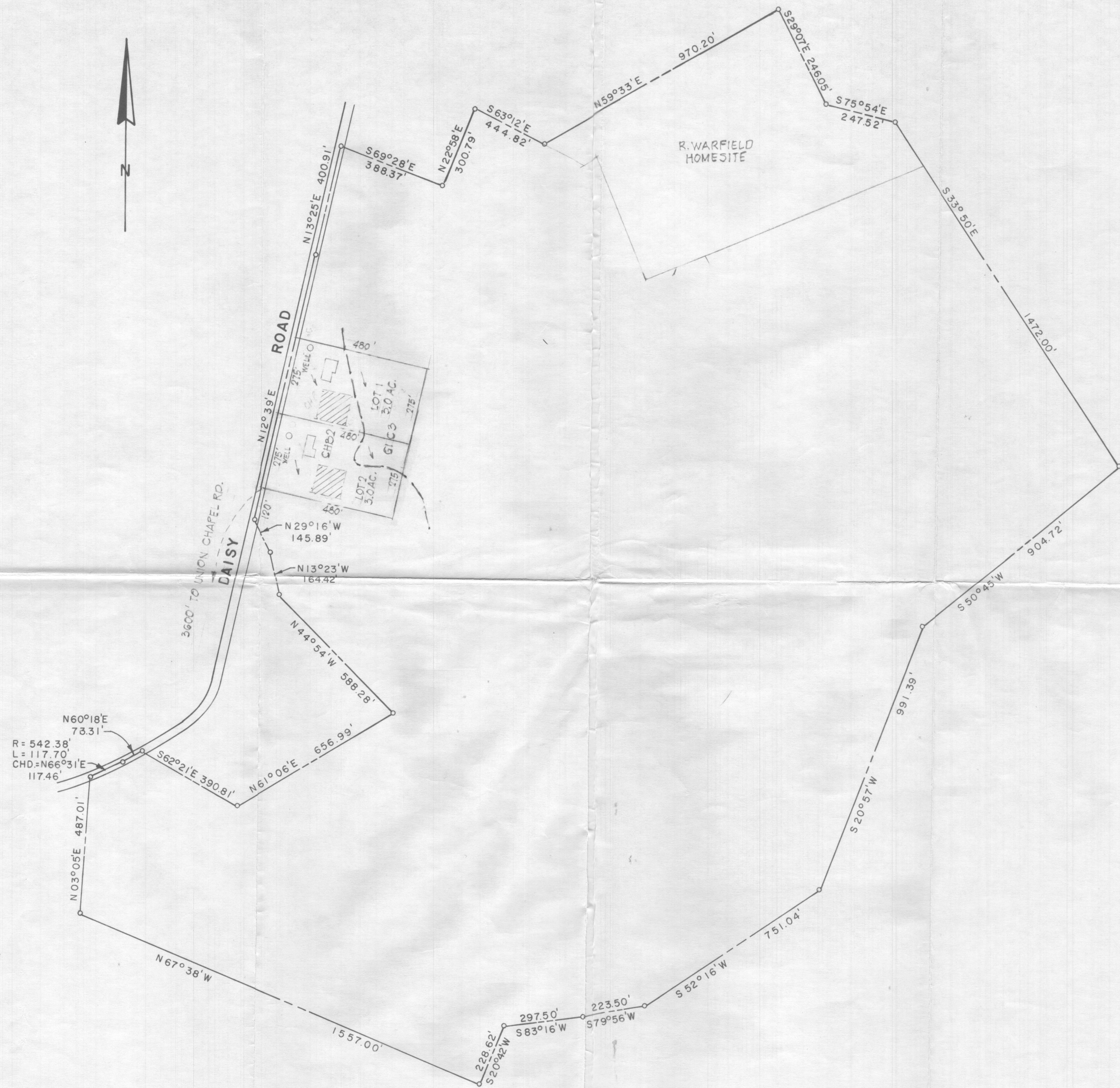
Project	96012-00	date	5-28-96
Illustration	BLP	engineering	AMV
scale	1" = 100'	approval	RMM

0	SUBMITTED TO HOWARD COUNTY HEALTH DEPT.	description		date	
		revisions			

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

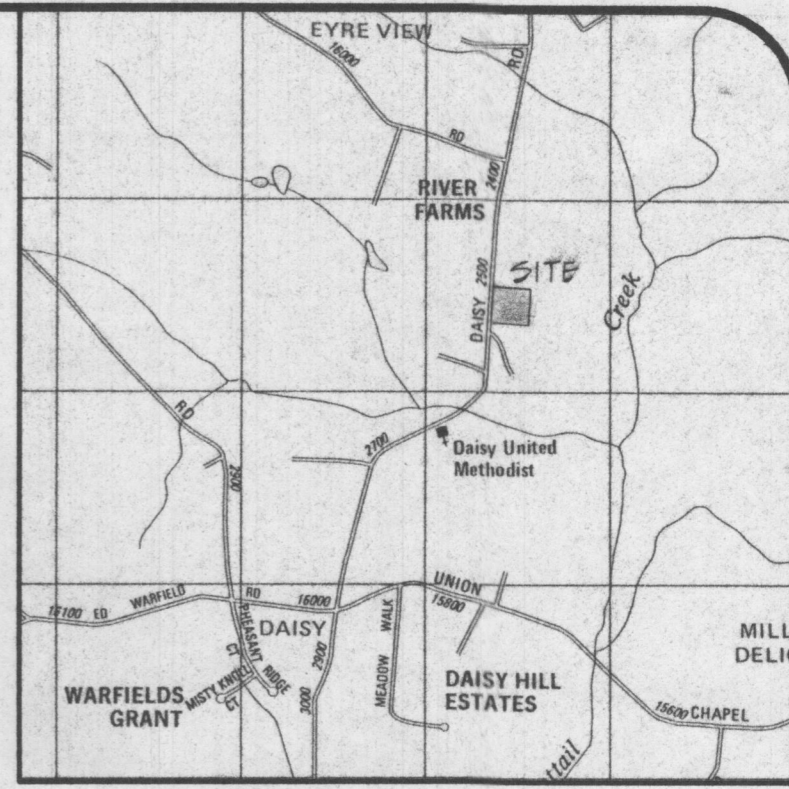
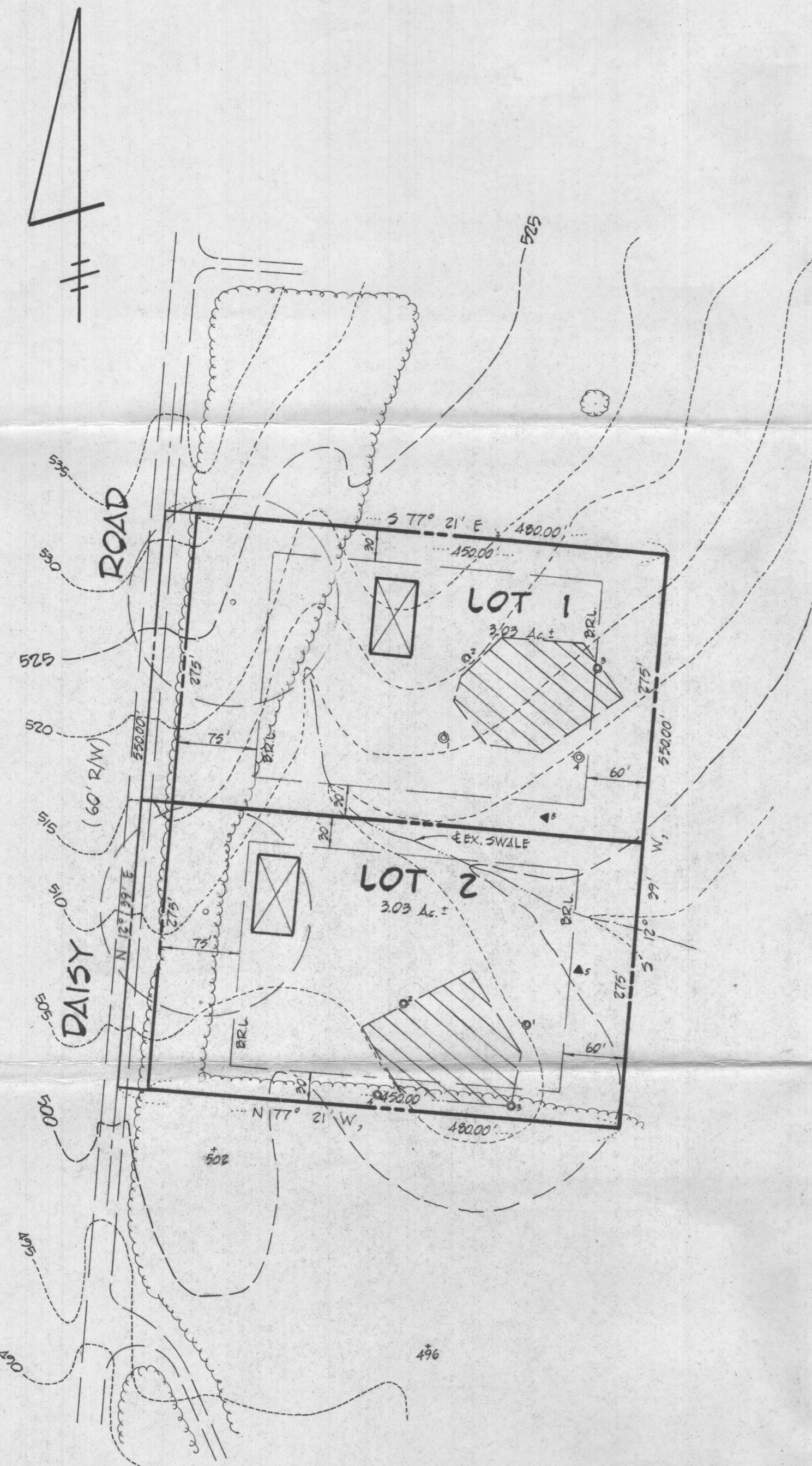
RECEIVED  
JUN 10 1996

R.M. MOCHI GROUP  
3300 N. Ridge Road, Suite 235  
Ellicott City, MD 21043-3005  
(410) 461-0079  
Fax: (410) 750-6340



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  
SCALE: 1" = 1000'

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

project	98012-00
date	5-28-96
illustration	BLP
scale	1" = 100'
approval	AMV
revisions	RMM

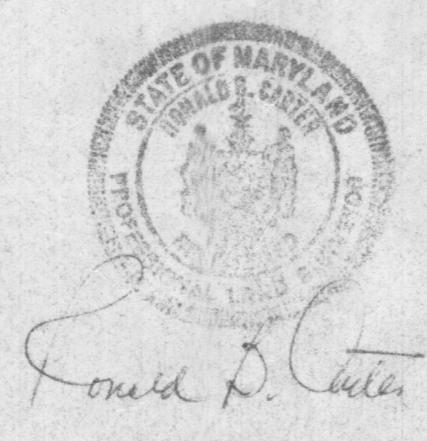
description	ADDRESS HEALTH DEPT. COMMENTS SUBMITTED TO HOWARD COUNTY HEALTH DEPT.
date	7/16/96 7/16/96
revisions	

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

**R.M. MOCHI GROUP, P.C.**  
1300 N. Ridge Road, Suite 235  
Ellicott City, MD 21043-3305  
(410) 461-0079  
(410) 461-0079  
Fax: (410) 750-6240

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

*James H. Miller*  
COUNTY HEALTH OFFICER MR  
7-29-96  
DATE

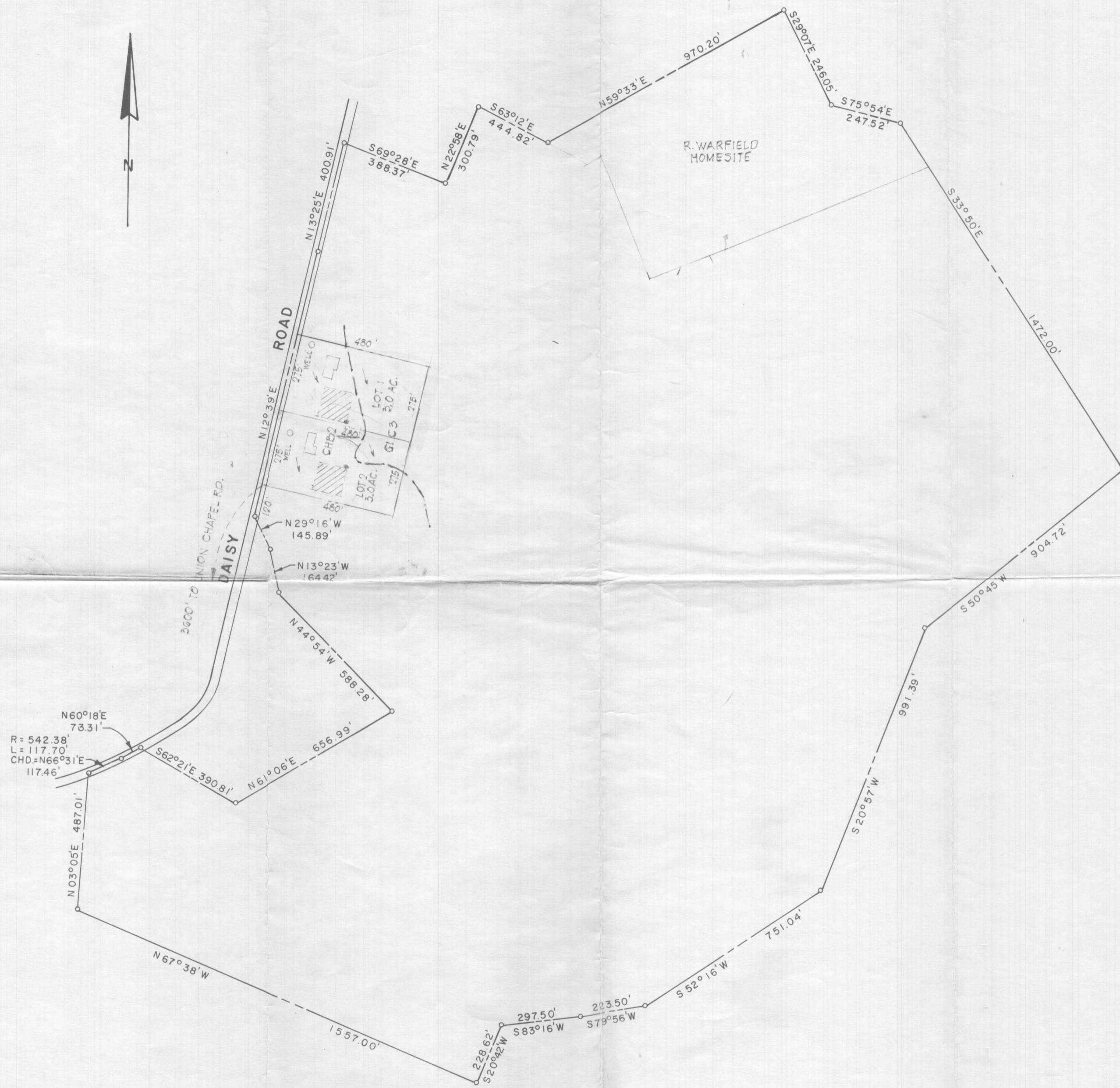


PRINTED  
JUL 26 1996  
R.M. MOCHI GROUP P.C.  
ELLICOTT CITY, MD

SUBMITTED FOR REVIEW

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



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