

*Initial
24 May 1989
1:30 pm*

APPLICATION

PERCOLATION TESTING

A 43974

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 475 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 4TH

DATE 4-12-89

Call Ron Carter w/ date

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. WARFIELD, ET AL

ADDRESS 15949 UNION CHAPEL ROAD, WOODBINE 21797 PHONE 442-2246

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. 2

ROAD AND DESCRIPTION EAST SIDE OF DAISY ROAD JUST SOUTH OF ENTRANCE TO "QUARRY ON THE CATTAIL" AND 300' NORTH OF UNION CHAPEL ROAD

TAX MAP 14 PARCEL # 7

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]
(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

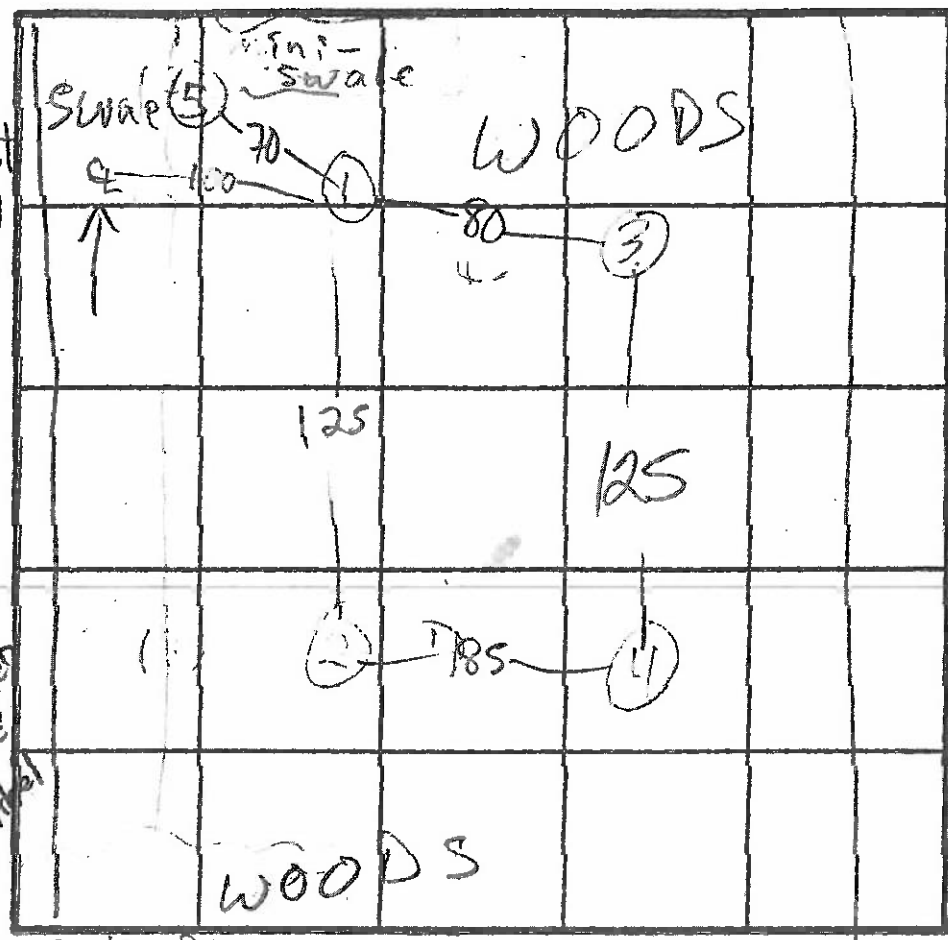
HD-216

THIS IS NOT A PERMIT

Lot 2
43974

SOIL PROFILE
6' 0" 10' 30"
deep org pink clay loam
3'
org silt loam
5-10% frags
wh. clay

Decomposed
Quartzite
Sid Alon



② ④ H1
③ MED
① LO
 $\bar{x} = 11$
210 BR
Inlet 3
Bottom 5

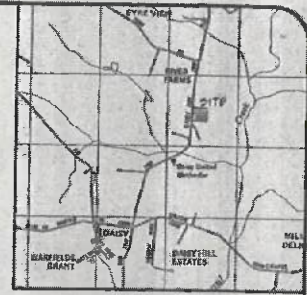
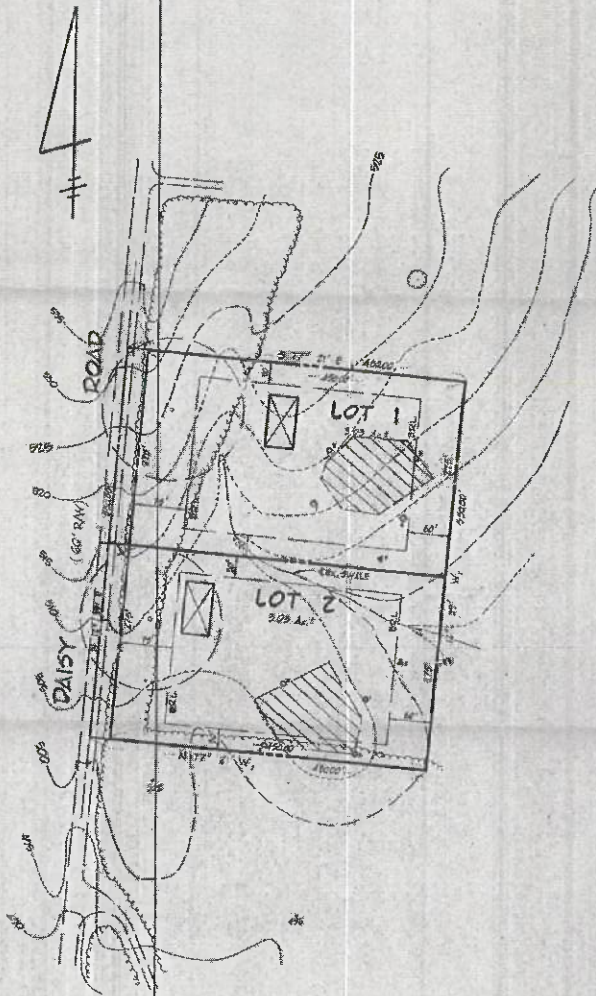
DAISY RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/2/55	1 S	4	2:26	2:34	2:34	2:51	17	
	1 V	11	See profile					
	2 S	6 1/2	2:29	2:37	2:34	2:50	13	
	2 V	11	sim to ① clay to 3' 15% shale frags					11
	3 S	5	2:54	2:55	2:55	2:58	3	
	3 V	11 1/2	sim to ① clay to 4' 5% frags					
	"	11	VISUAL 15% shale frags clay to 3 1/2'					
	5		WATER AT 10'					

(most in top)
mottling of 5'

REMARKS HOLE ⑤ DUG PER PLAT SHALLOW ONLY

TYPE OF SOIL _____
TESTED BY M. Riffin ALSO PRESENT Olen's men



VICINITY MAP
SCALE: 1" = 1000'

LEGEND

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

NOTES

1. THIS AREA DESIGNATES A PRIVATE SEWAGE TREATMENT 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 PROHIBITED 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. RECONSTRUCTION OF A PRIVATE SEWAGE TREATMENT SHALL NOT BE NECESSARY. PERCOLATION TEST HOLES SHOWN HEREIN HAVE BEEN FIELD LOCATED AS SHOWN.
2. THE LOTS SHOWN HEREIN COMPLY WITH THE MARYLAND OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. TOPOGRAPHIC INFORMATION BASED ON HOWARD COUNTY 2007 BOUNDARY SURVEY HAS BEEN VERIFIED WITH WIRE STAKES.
4. ALL PERTINENT EXISTING FEATURES WITHIN 100 FEET OF THE PROPOSED WELLS AND SEPTIC AREAS HAVE BEEN SHOWN.

PERCOLATION TEST DATA

LOT #	PREVIOUS LOT #	AVG. PERC. RATE (INCHES/SECOND)	MAX EFFLUENT PIPE (INCHES)	COUNTY APPLICATION #
1		7.0	40	49778
2		11.0	40	49774



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. MOCHL GROUP, P.C.
3300 North Ridge Road, Suite 215
Ellicott City, Maryland 21043
(410) 461-0079

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

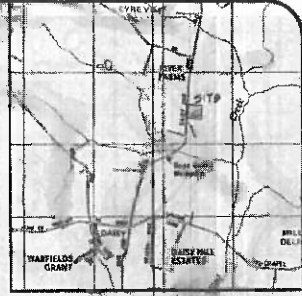
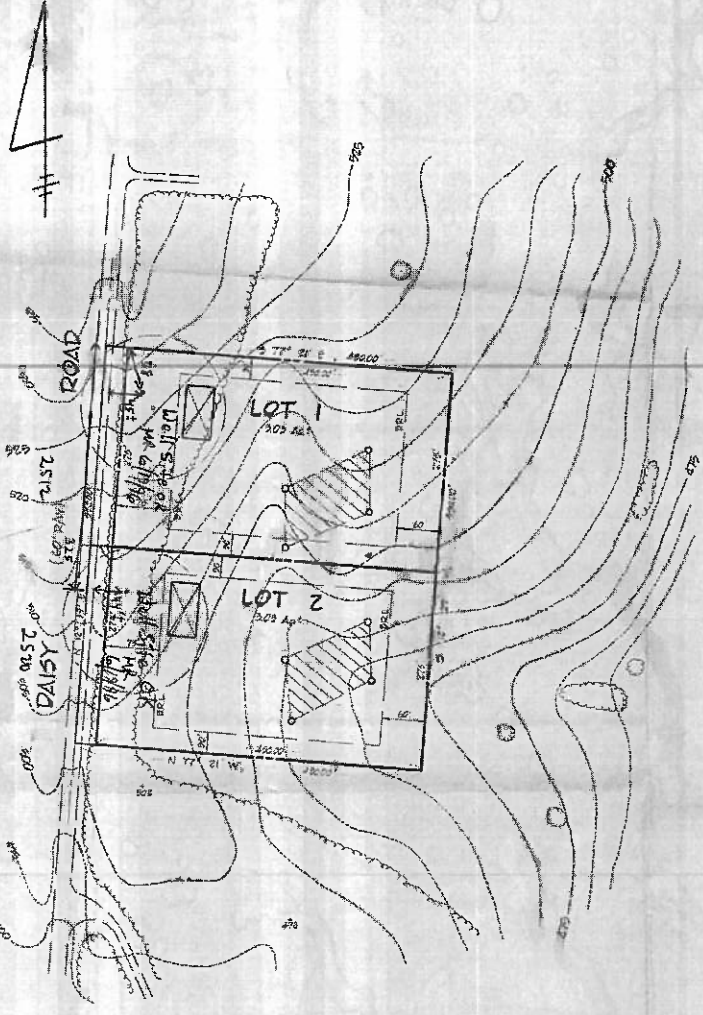
[Signature] 7-29-94
COUNTY HEALTH OFFICER, M.D. DATE

Project No.	86002-00	Date	5-28-94
Author	ALM	Approvers	ALM
Checker	ALM	Approved	ALM
Scale	1" = 100'	Drawn	ALM

APPROVED FOR SUBMITTAL TO HOWARD COUNTY HEALTH DEPARTMENT
DATE: 7/29/94
BY: [Signature]

WARFIELD PROPERTY
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT 4
PERC PLAN

R.M. MOCHL GROUP
3300 North Ridge Road, Suite 215
Ellicott City, Maryland 21043
(410) 461-0079



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

THIS AREA CONSTITUTES A PRIVATE SEWERAGE CASSEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE HANOVER DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL HOUSEHOLD SEWERAGE. ANY FUTURE IN THIS AREA ARE RESTRICTED UNLESS PUBLIC SEWERAGE IS AVAILABLE. IF PUBLIC SEWERAGE IS AVAILABLE AND YOU WISH CONNECTION TO A PUBLIC SEWERAGE SYSTEM, THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE CASSEMENT. RECONSTRUCTION OF A MODIFIED SEWERAGE CASSEMENT 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 HANOVER STATE DEPARTMENT OF THE ENVIRONMENT.

PERCOLATION TEST DATA

LOT #	PREVIOUS LOT #	AVG. PERC. TIME (MIN/SECOND)	MAX. EFFLUENT PIPE INLET TO BE USED	COUNTY APPLICATION #
1		12.2	40	49779
2		16.0	40	49782

OWNER/DEVELOPER

ROBERT M. WARFIELD
2425 DAISY ROAD
WOODBANE, MD 21767
(410) 442-1045
ATTN: Mr. Robert M. Warfield

ENGINEER

R.M. MOCHI GROUP P.C.
3300 North Ridge Road, Suite 239
Ellicott City, Maryland 21043
(410) 461-0373

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

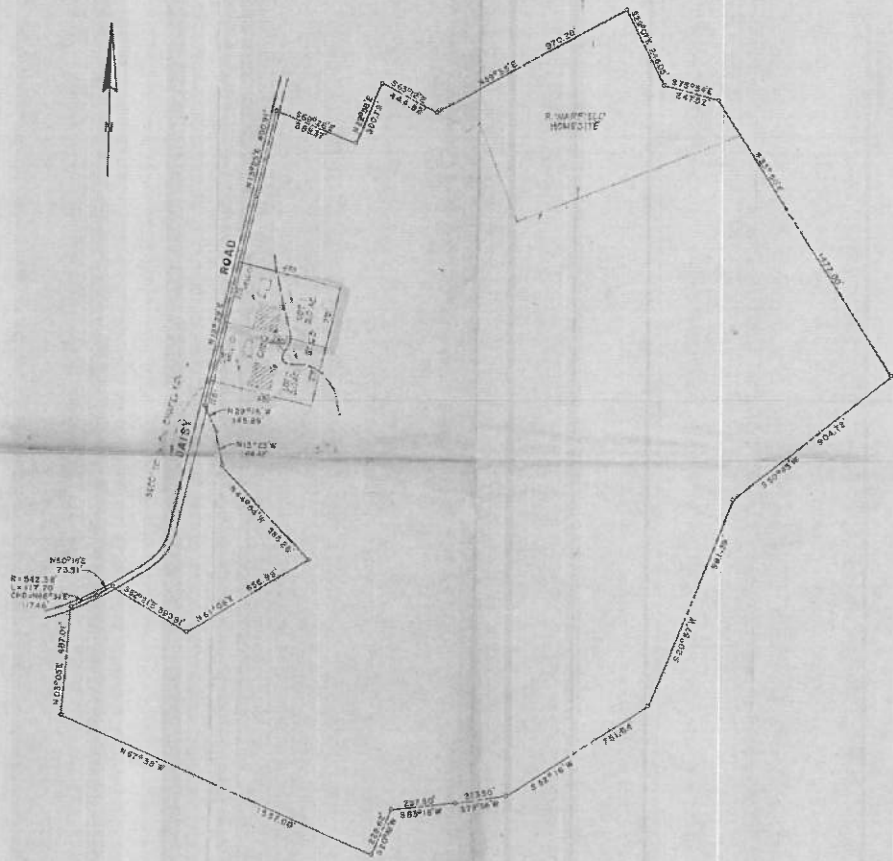
COUNTY HEALTH OFFICER _____ DATE _____

PROJECT: 10000-001
DATE: 8-20-00
ENGINEERING: [Signature]
DRAWING: [Signature]

DATE: _____
SUBMITTED TO: HOWARD COUNTY HEALTH DEPARTMENT
APPROVED: _____
CONSULTANT: _____

WARFIELD PROPERTY
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT 4
PERC PLAN

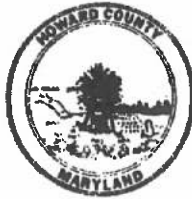
RECEIVED
R.M. MOCHI GROUP
1710 N. RIDGE ROAD
ELICOTT CITY, MD 21043
PH: (410) 461-0373



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" = 500' FEBRUARY 2, 1989

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

June 2, 1989

Mr. Robert M. Warfield
15949 Union Chapel Road
Woodbine, Maryland 21797

RE: Percolation Testing
Warfield Property
Tax Map 14, Parcel &

Dear Mr. Warfield:

Percolation testing conducted May 24, 1989 on the above referenced property indicated satisfactory soil conditions.

Approval is contingent upon submission by a registered engineer of a plat showing certified test hole locations and a suitable house and well site. The plat should also show the elevation of each test hole.

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 461-9933.

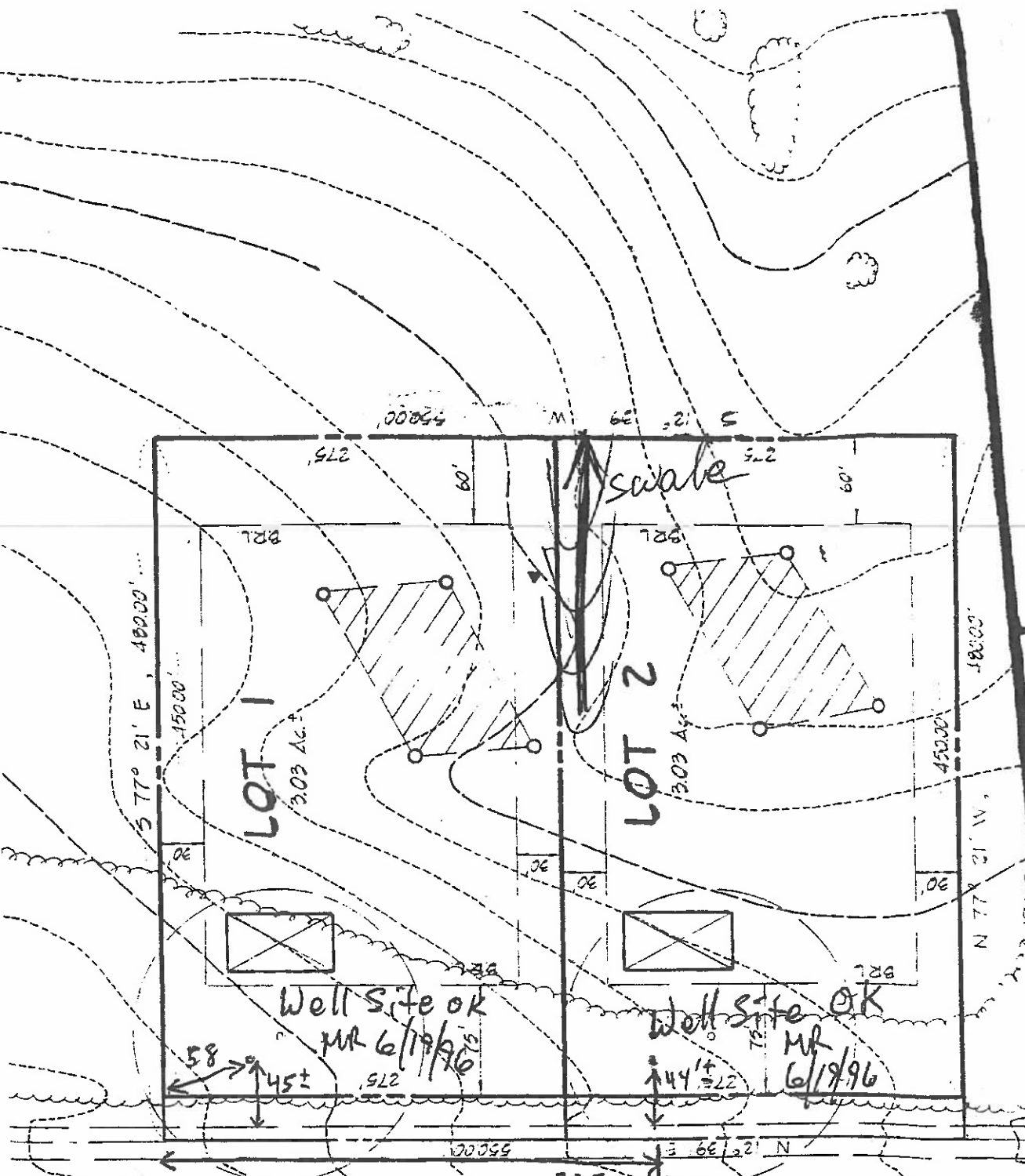
Very truly yours,

A handwritten signature in cursive script that reads "Craig Williams".

Craig Williams, Director
Water and Sewerage Program

CW:JR

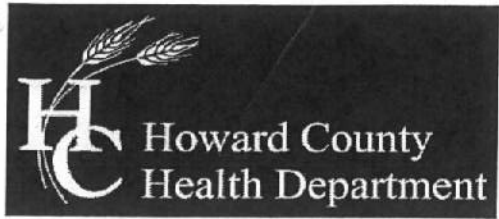
cc: Tax Assessment Office



Copy of Initial Unsigned
 Submission of Perc Cert
 NO SEPTICS
 DAISY
 2512
 2152
 525
 520
 515
 510
 505
 500

Incorrect Topo, Rotated by Engineer;
 Plan w/correct topo in process

Plan suitable
 for well site
 purposes



Bureau of Environmental Health
 8930 Stanford Boulevard, Columbia, MD 21045
 Main: 410-313-2640 | Fax: 410-313-2648
 TDD 410-313-2323 | Toll Free 1-866-313-6300
 www.hchealth.org
 Facebook: www.facebook.com/hocohealth
 Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 2515 Daisy Rd. (2425 Daisy Rd Parent Lot)

Subdivision: Robert J. Lewis Prop. / Robert Warfield Lot: 2

Initial system:	Application rate: <u>0.8</u>	Effective area beginning depth: <u>3</u>	Bottom maximum depth: <u>5</u>
1 st Replacement:	Application rate: <u>0.8</u>	Effective area beginning depth: <u>3</u>	Bottom maximum depth: <u>5</u>
2 nd Replacement:	Application rate: <u>0.8</u>	Effective area beginning depth: <u>3</u>	Bottom maximum depth: <u>5</u>

Design Flow = 150 gallons per day per bedroom

Design flow ÷ application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

$$\frac{W + 2}{W + 1 + 2D} \times 100 = \text{Percent of length of standard trench where } W = \text{trench width and } D = \text{depth between effective area beginning depth and trench bottom.}$$

Standard design requirements:

- Trenches must be located to provide room for 3 systems in the disposal area
- All trenches must be equal length unless low pressure dosed
- All trenches must be on contour
- Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is 2D + W up to a maximum spacing of 18'.
- Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
- Maximum trench length is 100'
- Maximum pipe depth is 4'

Additional requirements:

Keep Septic Systems at highest points of Sewage disposal area.

Approved: RJC Date: 12/2/2022

Real Property Data Search (w2)

Search Result for HOWARD COUNTY

View Map		View GroundRent Redemption			View GroundRent Registration					
Tax Exempt:		Special Tax Recapture:								
Exempt Class:		NONE								
Account Identifier:		District - 04 Account Number - 349121								
Owner Information										
Owner Name:		LEWIS ROBERT JR LEWIS MARY LISA T/E			Use:		RESIDENTIAL			
Mailing Address:		2425 DAISY RD WOODBINE MD 21797-8129			Principal Residence:		NO			
					Deed Reference:		/05080/ 00007			
Location & Structure Information										
Premises Address:		2515 DAISY RD WOODBINE 21797-0000			Legal Description:		LOT 2 2.841 A. 2515 DAISY RD ROBERT LEWIS JR PROP			
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:	Plat Ref:
0014	0007	0332		0000			2	2017		23329
Special Tax Areas:					Town:		NONE			
					Ad Valorem:		100			
					Tax Class:					
Primary Structure Built		Above Grade Living Area		Finished Basement Area		Property Land Area		County Use		
						2.8410 AC				
Stories	Basement	Type	Exterior	Full/Half Bath	Garage	Last Major Renovation				
Value Information										
		Base Value		Value		Phase-in Assessments				
				As of		As of		As of		
				01/01/2017		07/01/2018		07/01/2019		
Land:		205,900		193,400						
Improvements		0		0						
Total:		205,900		193,400		193,400		193,400		
Preferential Land:		0						0		
Transfer Information										
Seller: WARFIELD ROBERT M				Date: 05/02/2000		Price: \$242,000				
Type: ARMS LENGTH MULTIPLE				Deed1: /05080/ 00007		Deed2:				
Seller: STUMP LOUISE W &				Date: 08/16/1996		Price: \$100,000				
Type: ARMS LENGTH VACANT				Deed1: /03793/ 00420		Deed2:				
Seller: WARFIELD ROBERT M ET AL				Date: 08/09/1989		Price: \$0				
Type: NON-ARMS LENGTH OTHER				Deed1: /02039/ 00024		Deed2:				
Exemption Information										
Partial Exempt Assessments:		Class		07/01/2018		07/01/2019				
County:		000		0.00						
State:		000		0.00						
Municipal:		000		0.00 0.00		0.00 0.00				
Tax Exempt:		Special Tax Recapture:								
Exempt Class:		NONE								
Homestead Application Information										
Homestead Application Status: No Application										
Homeowners' Tax Credit Application Information										

Homeowners' Tax Credit Application Status: No Application Date:

1. This screen allows you to search the Real Property database and display property records.
2. [Click here](#) for a glossary of terms.
3. Deleted accounts can only be selected by Property Account Identifier.
4. The following pages are for information purpose only. The data is not to be used for legal reports or documents. While we have confidence in the accuracy of these records, the Department makes no warranties, expressed or implied, regarding the information.