

3/24/97
Septic C.O.
anytime

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-321452

P 57668

A 50835

DISTRICT 3rd

DATE 2/6/97

DATE SYSTEM APPROVED 3/24/97

INSPECTOR ALM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

INDEXED

Francis Bollinger & Son

IS PERMITTED TO INSTALL ALTER

ADDRESS 1111 Bollinger Rd, West MD PHONE _____

SUBDIVISION Warfield Property LOT 1 ROAD 940 Day Road

PROPERTY OWNER Jeffrey A. & Cheryl L. Warfield

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

210
690
210
31630

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the left front lot corner, start the first trench 115 feet up the left lot line and 25 feet off this same lot line. Run trenches on contour to front of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 10/2/96 OK ALM

PLANS APPROVED BY Mark Rifkin/Amy McMillen DATE 02/13/96

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

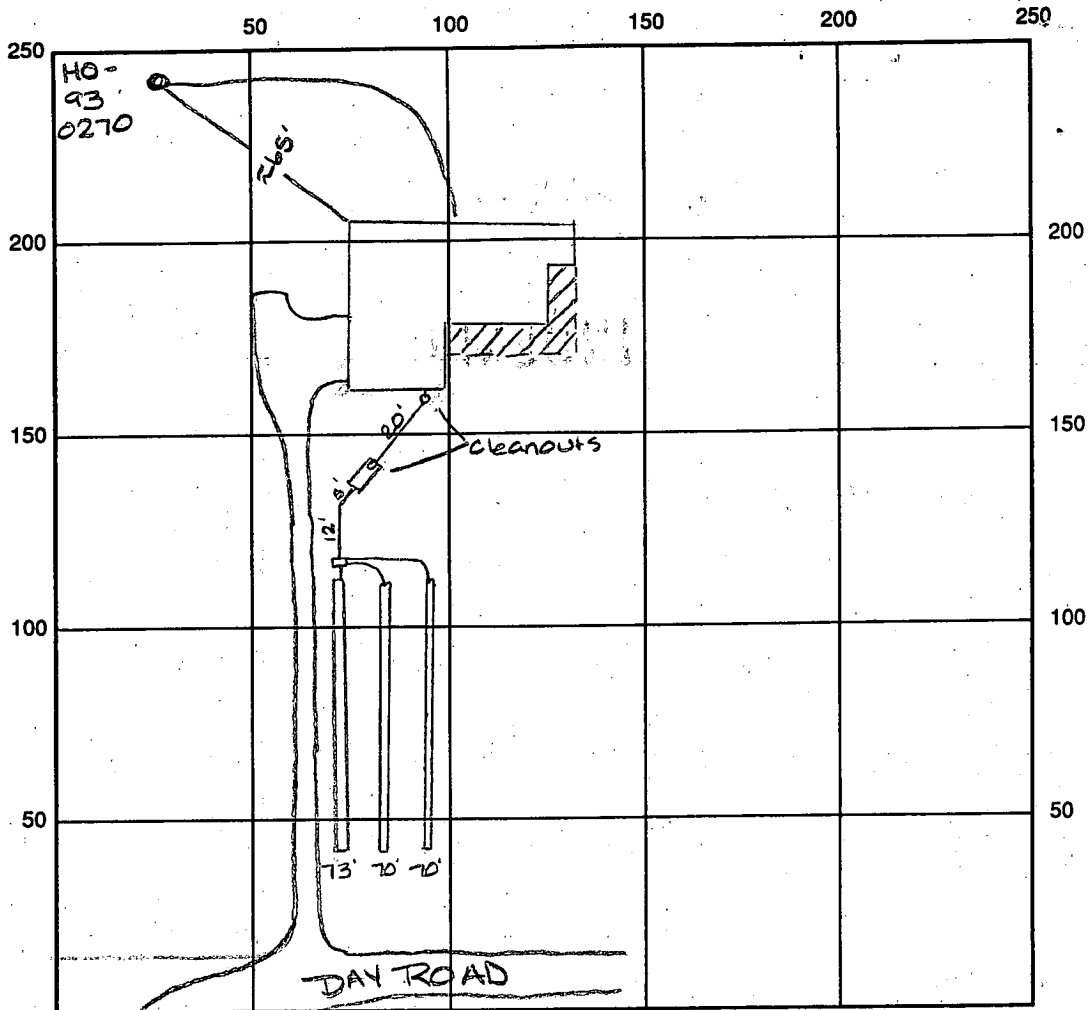
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

BLDG PERMIT SIGNED
AND RETURNED 4/27/01
B00131155 - pool

A 50835



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1000gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 6.0 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 4.0 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 214 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 642 SQ. FT. ²¹⁴/₃ = 71.33

DRYWALL INSIDE DIAMETER - FT. EFFECTIVE DEPTH BELOW INLET - FT.

ABSORBENT AREA - SQ. FT.

REMARKS: 3/24/97 OK to cover all work - WPI OK to cover ALM

DATE SYSTEM APPROVED 3/24/97 INSPECTOR A McMillen

APPLICATION

8/28/95
10.00

95 AUG 18 PM 3:21

PERCOLATION TESTING

A 50835

P _____

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

PREVIOUS OK
FARMLAND PRESERV. LOT

REMOTE FROM OTHER HOUSE(S) ON PROPERTY, DISTRICT _____
NO NEED TO EVALUATE THOSE STRUCTURES DATE 8/18/95
FOR CURRENT SEPTIC CAPACITY 8/18/95

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 Samuel L. Warfield (Jeffrey A. Warfield)

ADDRESS 910 Day Road, Sykesville Md PHONE 489-4078

AGENT OR PROSPECTIVE BUYER Jeffrey Alan Warfield

ADDRESS 7421 Village Rd Apt. 1, Sykesville Md 21784 PHONE 410-781-4979
489-4795

PROPERTY LOCATION:

SUBDIVISION Ag land farm LOT NO. _____

ROAD AND DESCRIPTION South west corner of Rocky Meadows farm, located at Day Road and State Rt. 32, Sykesville

TAX MAP 9 PARCEL # 9.4

~~BLDG. PERMIT SIGNED AND RETURNED~~

Serial # B00102338

SIZE OF LOT 1 acre (From 148 acre farm) TYPE BLDG. Family dwelling - 3 Bdrms
(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.

Jeffrey Alan Warfield
(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 _____

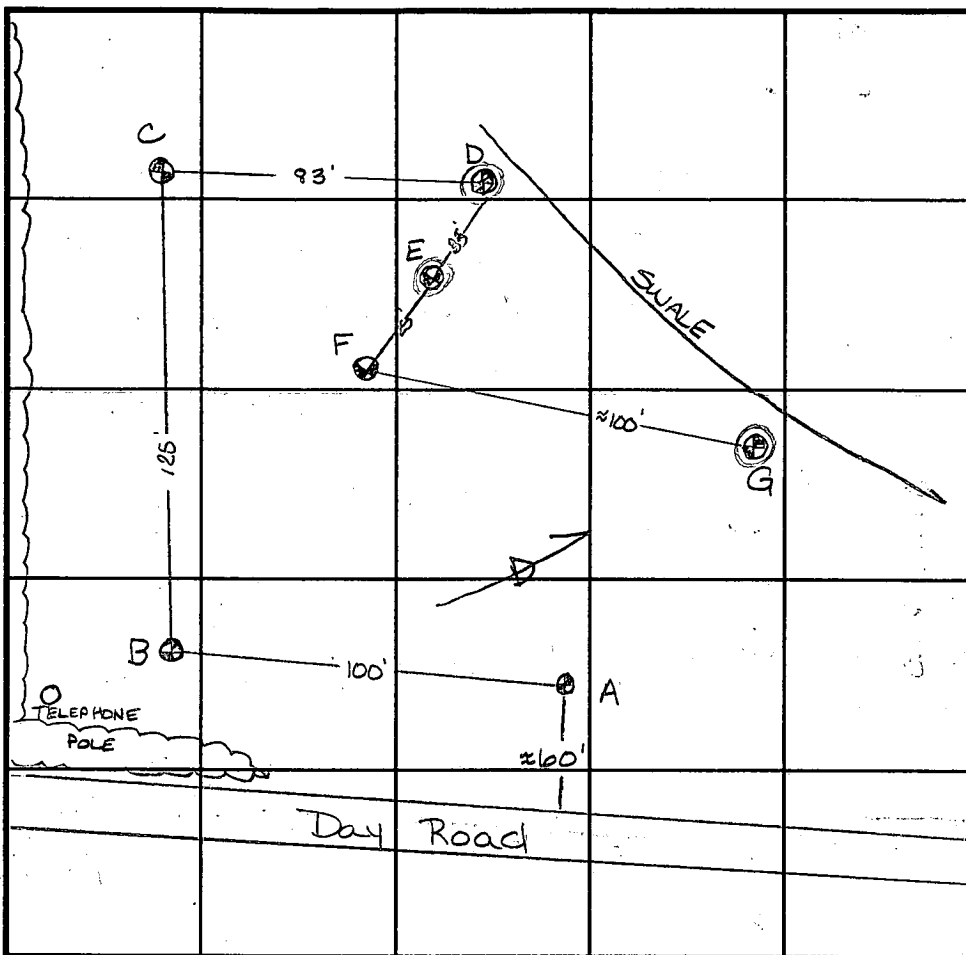
THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

A

0'	Plow layer
6"	orange red SiCLM
3'	orange tan SiCLM
6'	reddish brn SiLM
8'	lgt orange tan SaLM
11.5'	



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

F

0'	40% rock frags
	orange brn SiCLM
5'	orange brn SaLM
	5% rock frags
11'	

B

5'	orange brn clay
	30-40% stone sw orange SaLM
6'	lgt tan grey & orange SaLM
11'	10% rock frags

G

5'	red/orange SiCLM
	orange tan SiLM
	20% rock frags
7'	>50% rock frags
9'	

C

5'	brn SiCLM
	10% rock frags
	orange SaLM
11.5'	<5% stones

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-28-95	A	6' / VII.5'	10:45	10:47	10:47	10:49 ⁴⁵	2 3/4 min
	B	5' / VII'	10:56	10:57 ³⁰	10:57 ³⁰	11:00	2 1/2 min
	C	5.5' / VII.5'	11:07	11:12 ³⁰	11:12 ³⁰	11:30	17 1/2 min
	D	Visual - 6' hard bottom					F
	E	Visual - 6' hard bottom					F
	F	Visual - 11' - see profile					OK
	G	Visual - 9' - see profile					F

REMARKS OK to move SMA towards left's front prop. lines w/o testing

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Jeffrey Warfield

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 min TRENCH WIDTH 3.0'

INLET DEPTH 4' MAXIMUM BOTTOM DEPTH 6' SQ. FT./BEDROOM 210 ft²

C1 0244

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A50835

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM 'PERMIT TO DRILL WELL'

DATE Received grid

DATE WELL COMPLETED grid: 030296

Depth of Well grid: 153

PERMIT NO. grid: HO-93-0270

OWNER WARFIELD Samuel Day Rd TOWN Sykesville

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Dirt, Soft Br. Shale, Hard Blue Sandstone, Fracture, Hard Blue Granite.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N)

TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC

CASING RECORD casing types insert appropriate code below ST CO PL OT

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED Y/N

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 'WELL CONSTRUCTION' AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 296

RONALD KYKER DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. JWD 334

SITE SUPERVISOR (Sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) grid with rows E, A, C, H, S, C, R, E, E, N and columns 1-3

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 12

METHOD USED TO MEASURE PUMPING RATE SUBMERSIBLE

WATER LEVEL (distance from land surface) BEFORE PUMPING 30

WHEN PUMPING 31

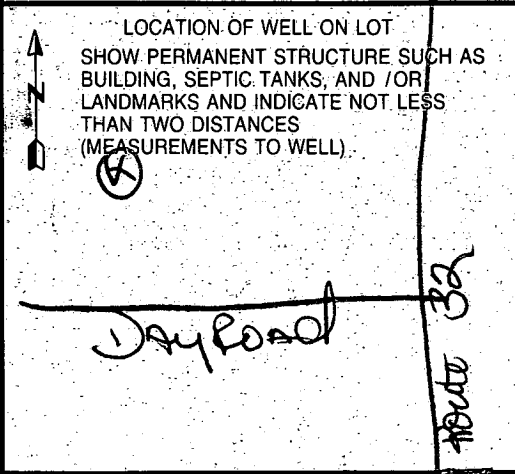
TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE 1 (nearest foot)



HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date _____

Name of Installer BARNHART'S PLUMBING & HEATING Telephone 1-410-848-5630

License Number 3470
Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner JEFFERLEY WAINFIELD Telephone 489-4795
Subdivision WAINFIELD PROP. Lot # _____ Well Tag # HO-93-0270
Site Address 940 DRY RD SYKESVILLE MD.
21784

Pump
1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible
2. Make Coold.
3. Model # 7 P.P.M.
4. Capacity 1/2 hp. GPM
5. Pump exceeds well capacity Yes _____ No
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other _____

Motor
1. Horsepower 1/2
2. RPM _____
3. Voltage 220
a. 110 _____
b. 220

Pitless Adapter
1. Make _____
2. Model # WILKINS.
3. Depth 4 FT.

Tank
1. Capacity 60
2. Pressure relief valve?

Piping
1. Type 160pd.
2. Size 1"
3. NSF and/or BOCA Code approved
4. Depth of supply line 4 FT.

Well data
1. Depth 153 ft.
2. Yield 12 GPM
3. Static water level 30 ft.
4. Will water supply be disinfected by installer?

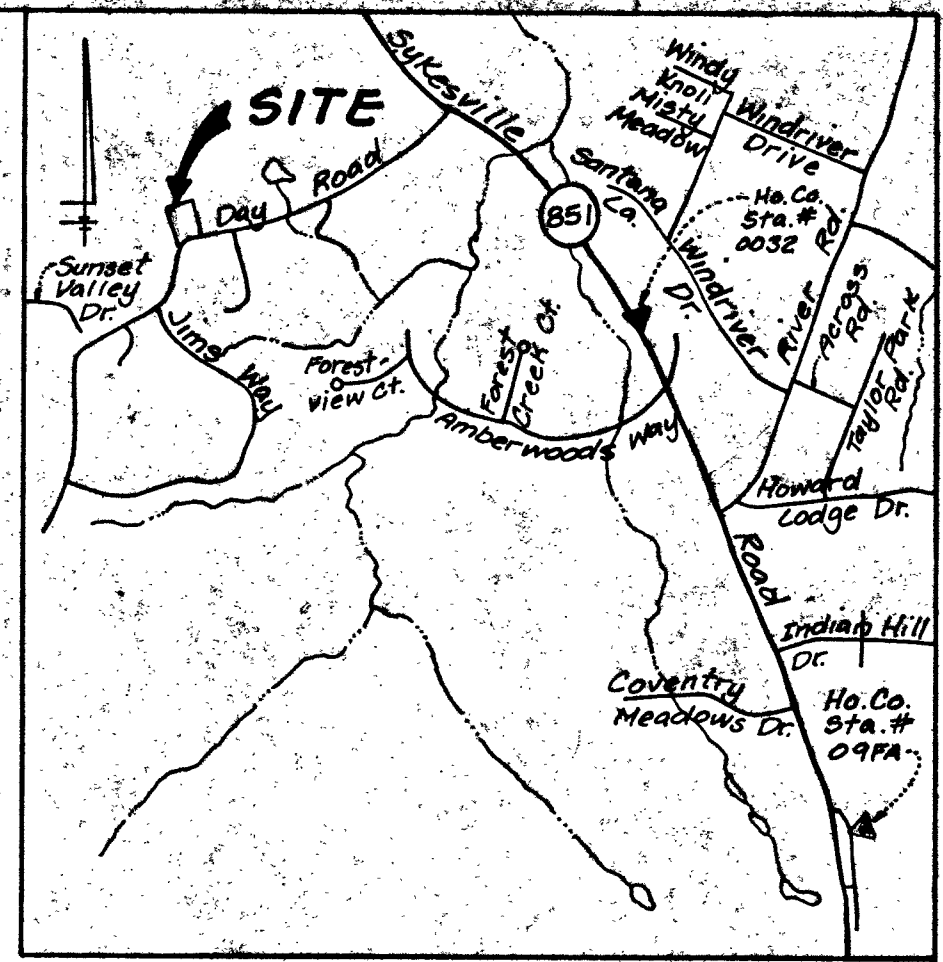
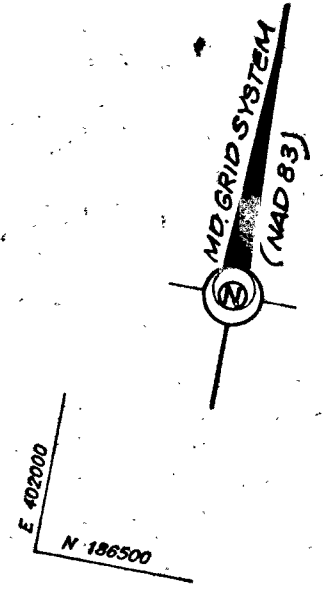
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Richard M. Barnhart

Date: 2-6-97

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



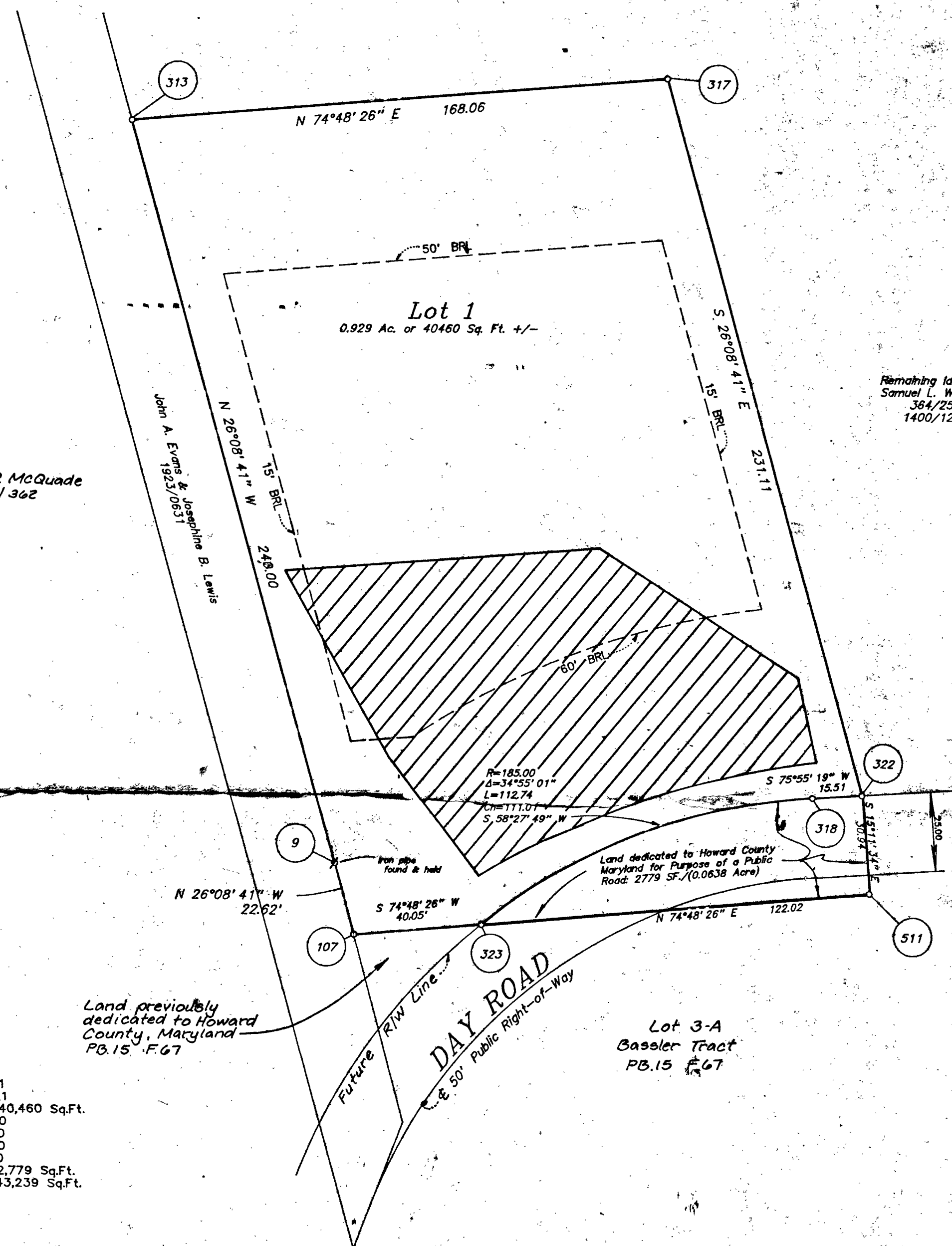
VICINITY MAP
Scale: 1" = 2,000'

Point #	North	East
8	186348.741	402213.873
107	186328.436	402223.840
313	186584.186	402108.119
317	186608.229	402270.306
318	186396.993	402357.103
322	186400.764	402372.143
323	186338.932	402262.492
511	186370.910	402360.250

Lewis D. McQuade
1536/362

John A. Evans & Josephine B. Lewis
1923/0631

Remaining lands of
Samuel L. Warfield
364/255
1400/129



The requirements of 3-10B, the Real Property Article, Annotated Code of Maryland, 1988 replacement volume, (as supplemented) as far as they relate to the making of this plat and the setting of markers have been complied with.

D. Wayne Weller 3/11/96 Date
D. Wayne Weller Md. No. 10685
Ethel Louise Warfield 3/1/96 Date
Owner

Area Tabulation:

1) Total number of lots/parcels to be recorded:	1
2) Total number of buildable lots/parcels to be recorded:	1
3) Total area of buildable lots/parcels to be recorded:	40,460 Sq.Ft.
4) Total number of non-buildable lots/parcels to be recorded:	0
5) Total area of non-buildable lots/parcels to be recorded:	0
6) Total number of open space lots/parcels to be recorded:	0
7) Total area of open space lots/parcels to be recorded:	0
8) Total area of roadway to be recorded:	2,779 Sq.Ft.
9) Total area of subdivision to be recorded:	43,239 Sq.Ft.

General Notes:

- Subject property is zoned RC-DEO per 10/18/1993 Comprehensive Zoning Plat.
- BRL denotes Building Restriction Line.
- All areas on this plat are +/-, (more or less).
- The purpose of this plat is to create a lot in accordance with Section 104 E.6 of the Howard County Zoning Regulation.
- This area indicates a private sewage easement of 10,000 square feet as required by the Maryland State 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 the connection to a county sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
- The subject property is encumbered by an Agricultural Preservation easement, recorded among the land records of Howard County in Liber 1400 Folio 129.
- This plat is based on a field run monumented boundary survey performed on or about 10/09/95 by D. Wayne Weller of LDE, Inc.
- O at corner denotes rod and cap set
Ø denotes iron pipe found and held
- The Coordinates Shown Hereon are Based on NAD 83 Maryland Coordinates System as Projected by Howard County Geodetic Control Stations No. 09FA and 0032. The coordinates are labeled in meters.

APPROVED: For Private Water and Private Sewerage Systems: Howard County Health Department.

Joseph B. Smith 8-5-96 Date
Howard County Health Officer

APPROVED: Howard County Department of Planning and Zoning.

Joseph B. Smith 8/19/96 Date
Direct

John A. Evans 8/7/96 Date
Chief, Development Engineering Division M.K.

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct; that is a subdivision of part of the lands conveyed by Robert B. Dorsey and Flora Agnes Dorsey to Samuel Lewis Warfield and Ethel Louise Warfield by deed dated February 3, 1961, and recorded among land records of Howard County, Maryland in Liber RHM 364 Folio 225 and that all monuments are in place or will be in place prior to the acceptance of the streets in the subdivision by Howard County as shown in accordance with the Annotated Code of Maryland, as amended.



D. Wayne Weller 3/11/96 Date
D. Wayne Weller Professional Land Surveyor MD Reg. No. 10685

OWNER'S CERTIFICATE

We, Samuel Lewis Warfield and Ethel Louise Warfield, owners of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this plat by the Department of Planning and Zoning, establish the minimum building restriction lines. All easements of rights-of-way included in this plan of subdivision.

Witness by my hands this 1st day of MARCH 1996.

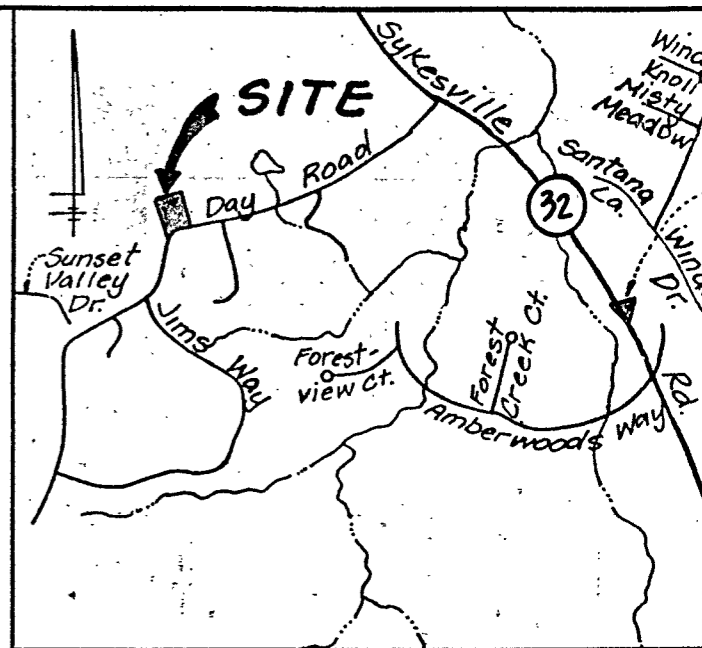
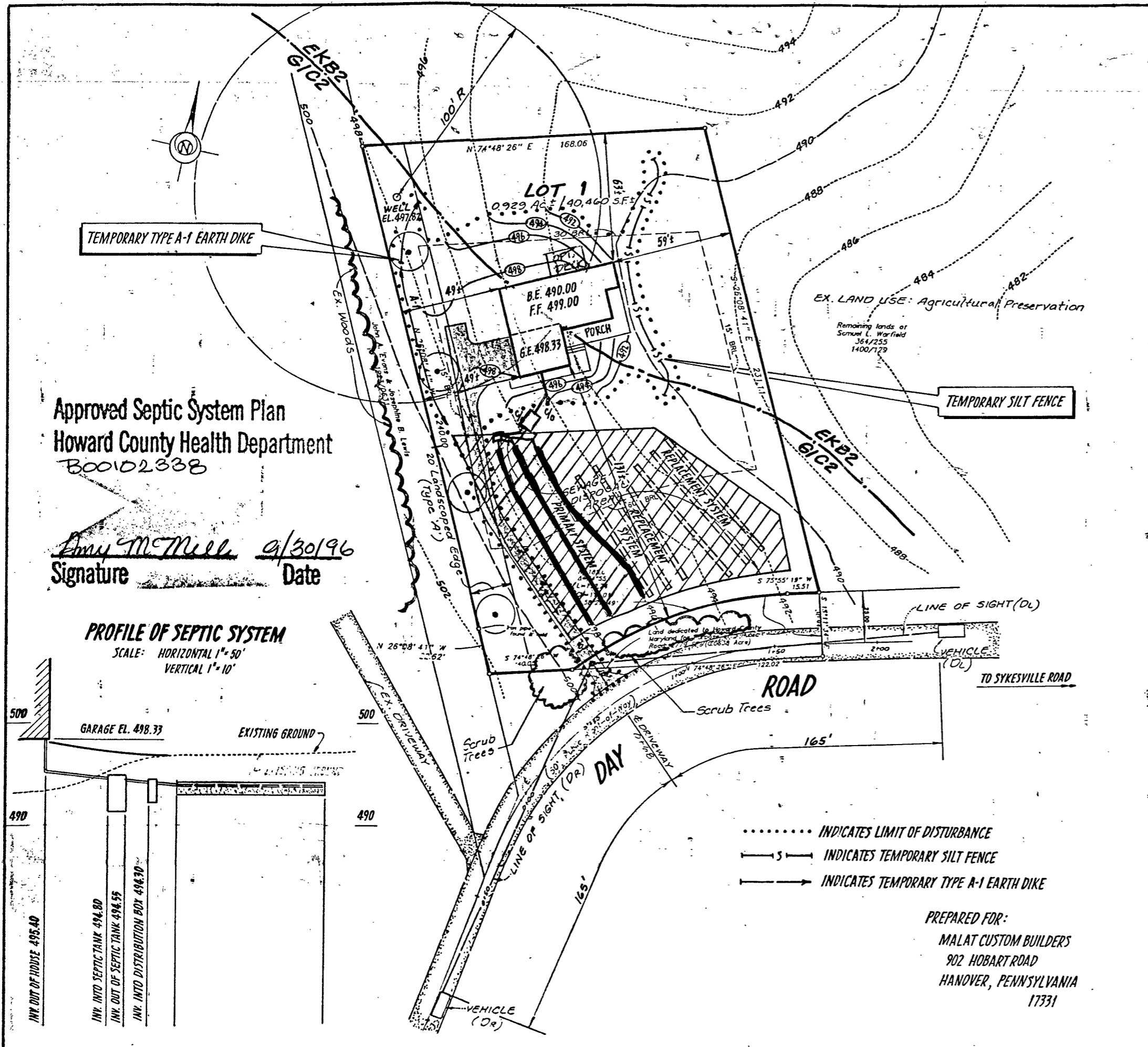
Samuel L. Warfield
Samuel Lewis Warfield

Ethel Louise Warfield
Ethel Louise Warfield

RECORDED AS PLAT NUMBER 12312
ON AUGUST 14, 1996 AMONG THE
LAND RECORDS OF HOWARD COUNTY, MD.

Lot One
of the
Samuel L. Warfield Property
3rd Election District Howard County, Maryland
Tax Map 9 Parcel 94
Scale: 1" = 30' Date: Feb. 26, 1996

LDE, INC.
Suite 106 9250 Rumsey Road
Columbia, Maryland 21045
Phone (410) 715-1070

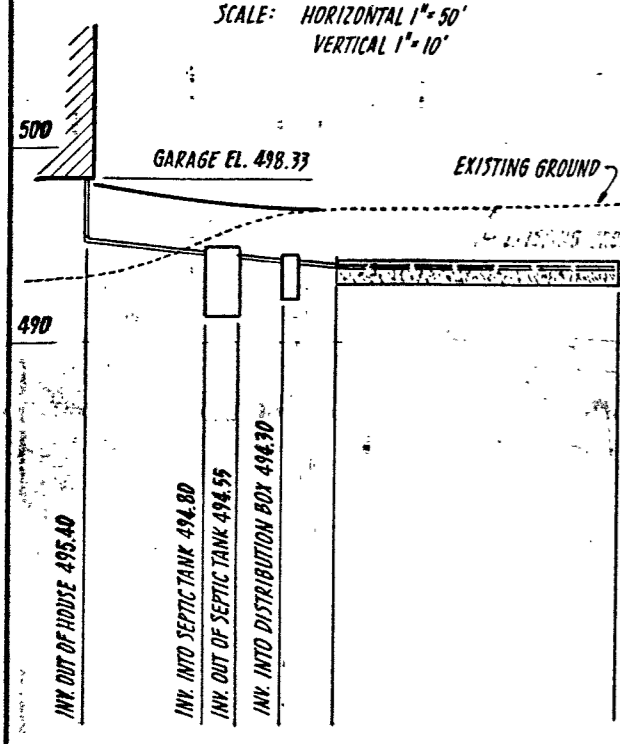


VICINITY MAP
Scale: 1" = 2000'

Approved Septic System Plan
Howard County Health Department
B00102338

Amey McMill 9/30/96
Signature Date

PROFILE OF SEPTIC SYSTEM
SCALE: HORIZONTAL 1" = 50'
VERTICAL 1" = 10'



TOTAL DISTURBED AREA: 13,220 SQ. FT.

Lot One
of the
Samuel L. Warfield Property
3rd Election District Howard County, Maryland
Tax Map 9 Parcel 347

CURRENT TITLE REFERENCE: SAMUEL L. WARFIELD ETHEL L. WARFIELD 364/255
ZONED: RCDED 1400/129
RECORDED AUGUST 14, 1996 AS PLAT NO. 12312

LEON A. PODOLAK AND ASSOCIATES



SURVEYING AND CIVIL ENGINEERING
63 EAST MAIN ST. WESTMINSTER, MD. 21157 - 848-2229
(P.O. BOX 266) 876-1226

Peter Podolak
PETER L. PODOLAK, P.E. REG. NO. 19561

Date SEPTEMBER 20, 1996 Scale: 1" = 50'

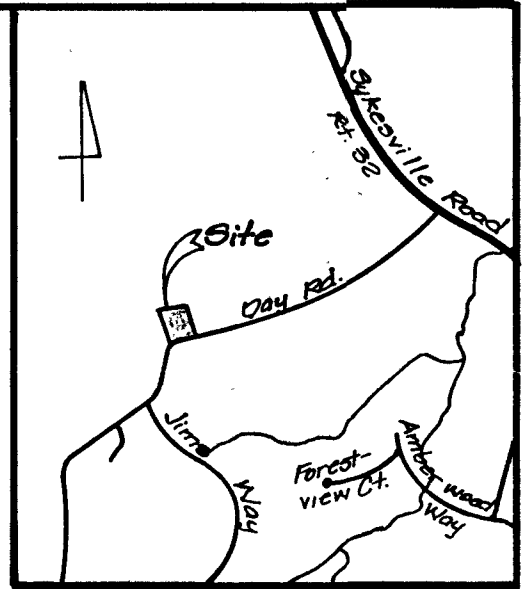
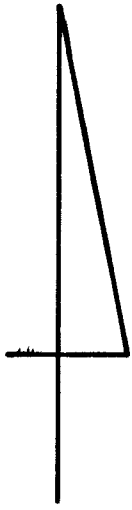
- INDICATES LIMIT OF DISTURBANCE
- S— INDICATES TEMPORARY SILT FENCE
- > INDICATES TEMPORARY TYPE A-1 EARTH DIKE

PREPARED FOR:
MALAT CUSTOM BUILDERS
902 HOBART ROAD
HANOVER, PENNSYLVANIA
17331

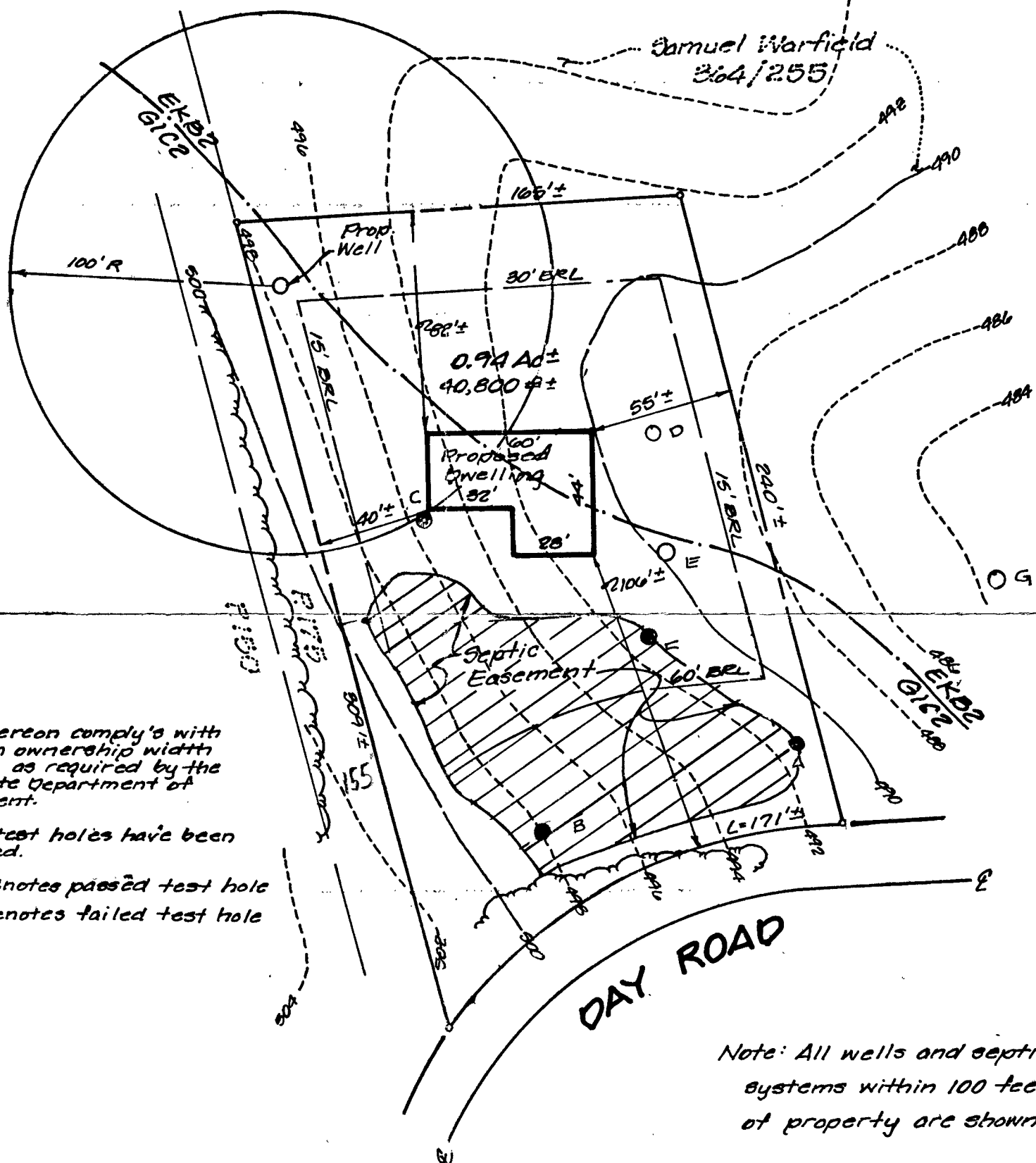
Note:



This area designates a private sewerage easement as required by Maryland State Dept. 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 public sewage system. The county Health Officer shall have the authority to grant variances for encroachments into the private sewerage easement. Recordation of a modified sewerage easement shall not be necessary.



Vicinity Map
Scale: 1" = 200'



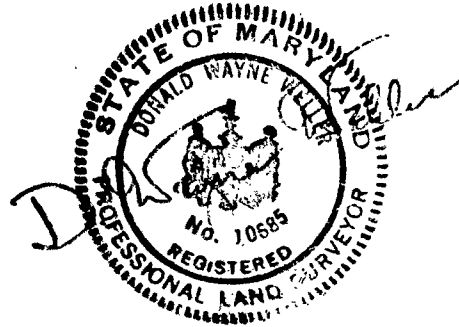
Notes:

- 1. Lot shown hereon comply's with the minimum ownership width and lot areas as required by the Maryland State Department of the Environment.
- 2. Percolation test holes have been field located.
 - - denotes passed test hole
 - - denotes failed test hole

Note: All wells and septic systems within 100 feet of property are shown.

Soil Classification

EKB2 - Elioak Silt Loam, 5-8% Slopes, Mod. eroded
GIC2 - Glenelg Loam, 8-15% Slopes, Mod. eroded
Howard County Soils Map #4.



Scale: 1" = 50'

REVISED 1/5/96

Approved: For Private Water & Private Sewerage Systems.

Gene H. Ford 1-19-96
Howard County Health Officer Date

Samuel L. Warfield Property
Percolation Plot
Tax Map 9 Parcel 94
3RD Election District
Howard County, Maryland

L.D.E., Inc.
9250 Rumsey Rd., #106
Columbia, MD. 21045
(410) 715-1070

