

Handwritten scribbles

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513219

A REPAIR

DISTRICT _____

DATE 1/10/00

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

RPS# 320383

INDEXED

DATE SYSTEM APPROVED 6/5/00

INSPECTOR DLS

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS 580 Obrecht Road Sykesville, MD 21784 PHONE (410) 795-5670

SUBDIVISION _____ LOT _____ ROAD 12139 Frederick Road

PROPERTY OWNER Ms. Andrea Loar

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS TOP SEAMED

PUMPED SEPTIC SYSTEM REQUIRED

NUMBER OF BEDROOMS 4

-1250 GALLON TOP SEAMED PUMP CHAMBER

180 SQUARE FEET PER BEDROOM

-Pump performance test is necessary prior to Health Dept. approval of pumped septic system.

LINEAR FEET OF TRENCH REQUIRED 180

REPAIR - PURPOSE - SEPTIC SYSTEM TO BE REPLACED. (In support of building permit #B00121438)

TRENCHES - Trenches to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box in the vicinity of percolation test hole #2 (See copy of percolation test notes). Trenches to run along contour towards the right-rear lot corner.

NOTES - Existing septic tank and drywell to be properly abandoned at the time of installation of replacement system.

BUILDING PERMIT SIGNED

AND RETURNED *5902*

PLANS APPROVED BY *60036046 - Encluse Perca* DATE _____

COVER NO WORK UNTIL INSPECTED AND APPROVED *118-05-00156807 - BARK*

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

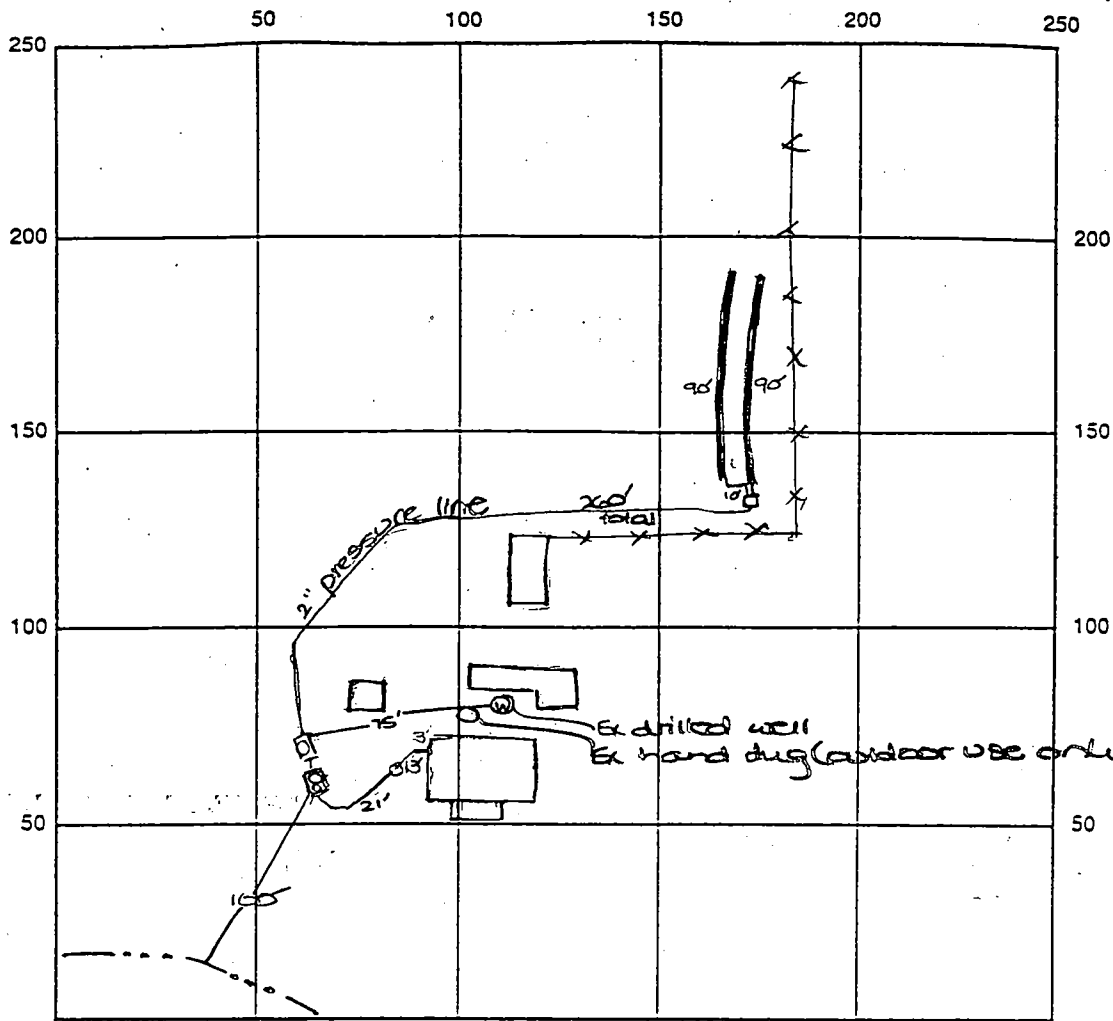
PERMIT VOID AFTER TWO YEARS

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**

513219



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Frederick Road

SEPTIC TANK LEVEL s.t. -1250 gal t.s.
pp. -1250 gal t.s. CLEANOUTS are on st.
 DISTRIBUTION BOX LEVEL OK manhole on st. and pp.

DRAIN FIELD/TITLE DEPTH 7.5 FT. TRENCH WIDTH 3 AND RETURNED TRENCH INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 180 FT. AND RETURNED

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 6/2/00 A.M. septic tank/pump chamber,
dist. box location confirmed -OK to start work. DKS
6/2/00 P.M. OK to cover tanks and pump line. DKS
6/5/00 A.M. OK to stone trenches and continue. DKS
6/9/00 P.M. Final insp - OK to cover all septic work.
Pump performance test OK. (Ex system properly abandoned) DKS

DATE SYSTEM APPROVED 6/5/00 INSPECTOR DKS



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

December 15, 1999

Bryan and Andrea Loar
12139 Frederick Road
Ellicott City, MD 21042

RE: Building Permit Application B00121438
12139 Frederick Road
Tax Map 16, Parcels 414 and 415
Proposed Second Story Addition

Dear Mr. and Mrs. Loar:

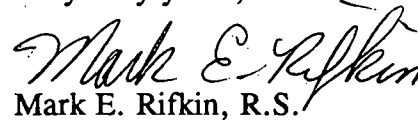
This office has recommended approval of the referenced building permit application subject to the following condition:

That a septic system repair (\$25 permit fee) will be installed within six months from the date of this letter. This condition was instituted due to concerns about shallow water table in the vicinity of the suspected drainfield.

The Health Department's recommendation for approval is based on your acceptance of this condition, as discussed with Ms. Loar on December 15, 1999.

If you have any questions, please call this office at (410)313-2640.

Very truly yours,


Mark E. Rifkin, R.S.

Water and Sewerage Program

MR
cc: File



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

June 5, 2000

Bryan and Andrea Loar
12139 Frederick Road
Ellicott City, MD 21042

RE: Building Permit B00121438
12139 Frederick Road
Tax Map 16, Parcels 414 and 415

Dear Mr. and Mrs. Loar:

This letter is in response to your request for documentation surrounding the referenced building permit review and associated impacts to the existing septic system. During review of the building permit application, no impact to the existing well or septic system was evident from the location of the proposed second story addition.

However, Code of Maryland Regulations (COMAR) 26.04.02.02D requires that Health Department building permit review include verification of "the existing on-site sewage disposal ... system as capable of handling the existing sewage flows and any reasonable foreseeable increase in sewage flows." On December 10, 1999, during a building permit inspection, the original suspected drainfield was found to be located 55 feet from a creek. It was concluded that a drainfield at that location of almost any size must, by definition, be in the water table, which is also represented by the water in the creek. In the unlikely scenario the drainfield was small enough to avoid the water table, the drainfield would not likely be large enough to accommodate even minimal sewage flows. Therefore, it was concluded that the existing sewage disposal field did not meet the COMAR standard.

Furthermore, COMAR 26.04.02.04J(9) requires that the horizontal separation distance of 100 feet be maintained between the on-site disposal system and water bodies not serving as potable water supplies. It is apparent that this existing system is also not in compliance with this COMAR standard.

Based on these observations, this office agreed to recommend building permit approval contingent upon a septic system repair installation and issuance of an associated Health Department permit.

An inspection performed by Kimberly Soe June 2, 2000, in conjunction with installation of the approved septic repair, revealed that the existing system was comprised of two hand made structures. Both structures were hand made of 3" to 4" diameter fieldstones. Each structure was approximately 6' by 6' in size, with uncertain depth. Upon installation of the replacement septic tank and pump chamber, the two structures were disconnected and filled with clean fill dirt.

If you have any questions regarding this matter, please call me at (410) 313-2640.

Very truly yours,

Mark E. Rifkin, R.S.

MR/DKS

Bureau of Environmental Health
3525-H Ellicott Mills Drive • Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-1771 Community Environmental Health Program (410) 313-1773
Director (410) 313-2640 TDD(410) 313-2323 TOLL FREE - 1-877-4MD-DHMH

APPLICATION

PERCOLATION TESTING

A REPAIR

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 Andrea Loar

ADDRESS 12139 Frederick Rd E.C., MD PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 12139 Frederick Rd.

TAX MAP 16 PARCEL # 415

SIZE OF LOT _____ 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.

(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

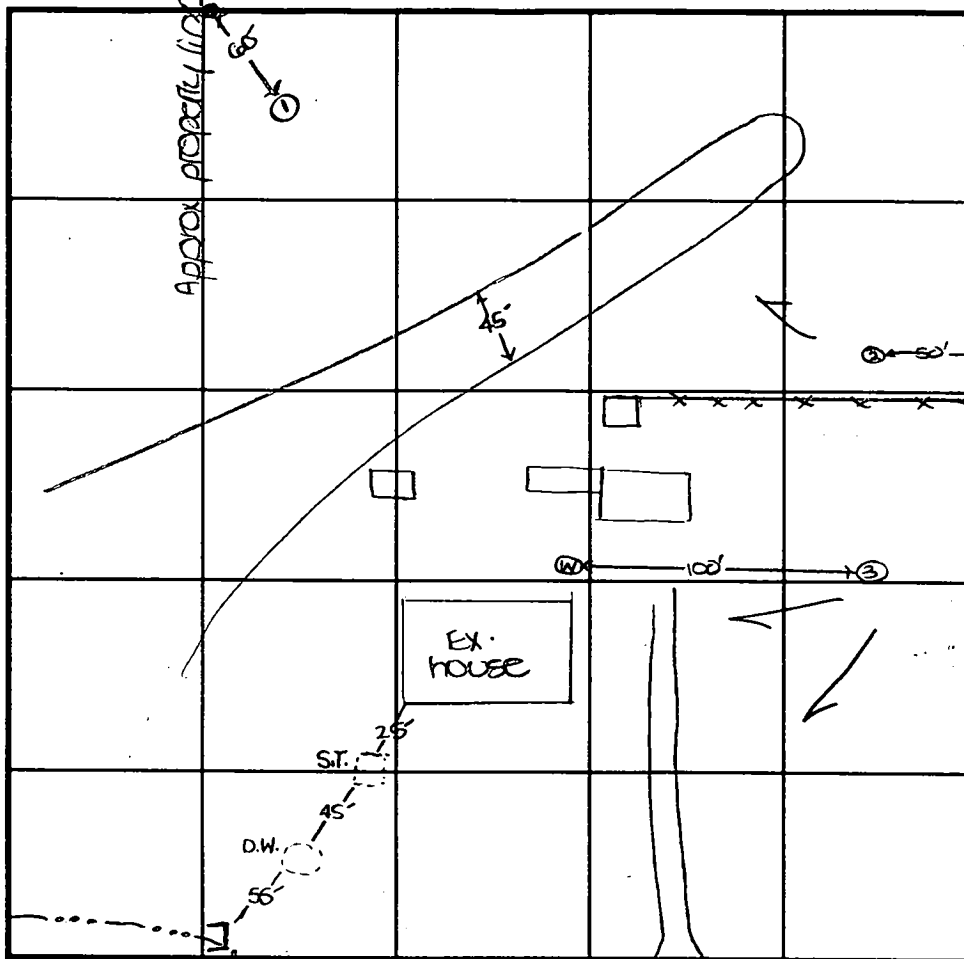
COUNTY #

SOIL PROFILE

0' ①
 1' topsoil
 red org
 brn
 sa cl lm
 2.5'
 H brn
 sa lm
 13'
 25-30%
 sapr
 sh

0' ②
 1' topsoil
 red brn
 sa cl lm
 3.5'
 4' pale
 red brn
 sa lm
 13.5'
 35%
 sapr
 sh

0' ③
 1' topsoil
 red brn
 sa cl lm
 3.5'
 H brn
 sa lm
 13.5'
 20%
 sapr
 sh



SOIL PROFILE

0'

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

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-7-00	1	4.0'S	10:41	10:42	10:42	10:44	2
		13.0'D	Visual	-see	profile		OK
	2	4.0'S	11:05	11:15	11:15	11:30	15
		13.5'D	Visual	-see	profile		OK
	3	3.5'S	11:27	11:30	11:30	11:33	3
		13.5'D	Visual	-see	profile		OK

REMARKS _____

TYPE OF SOIL _____

TESTED BY DKS ALSO PRESENT owner, Fogle's

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6t TRENCH WIDTH 2

INLET DEPTH 3.5 MAXIMUM BOTTOM DEPTH 7.5 SQ. FT/BEDROOM 180



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

June 5, 2000

Bryan and Andrea Loar
12139 Frederick Road
Ellicott City, MD 21042

RE: Previous Health Dept. Review
Building Permit B00121438
12139 Frederick Road
Tax Map 16, Parcels 414 and 415

Dear Mr. and Mrs. Loar:

This letter is in response to your request for documentation surrounding the referenced building permit review and associated impacts to the existing septic system.

During this office's review of the building permit application, no impact was evident from the location of the proposed second story addition. However, Code of Maryland Regulations (COMAR) 26.04.02.02D requires that Health Department building permit review include verification of "the existing on-site sewage disposal ... system as capable of handling the existing sewage flows and any reasonable foreseeable increase in sewage flows."

On December 10, 1999, during a building permit inspection, the original suspected drainfield was found to be located 55 feet from a creek. It was concluded that a drainfield at that location of almost any size must, by definition, be in the water table, which is also represented by the water in the creek. In the unlikely scenario the drainfield was small enough to avoid the water table, the drainfield would not likely be large enough to accommodate even minimal sewage flows. Therefore, it was concluded that the existing sewage disposal field did not meet the COMAR standard.

Therefore, this office agreed to recommend building permit approval contingent upon a septic system repair and issuance of an associated Health Dept. permit.

If you have any questions, please call me at (410) 313-2640.

Very truly yours,

Mark E. Rifkin
Mark E. Rifkin

MR

cc: File




HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

January 10, 2000

MEMORANDUM

TO: Mr. and Mrs. Bryan Loar
12139 Frederick Road
Ellicott City, Maryland 21042

FROM: Donna K. Soe, R.S. 
Water and Sewerage Program

RE: Septic system installation
In support of building permit #B00121438
12139 Frederick Road

Please find enclosed a copy of the septic system permit for the replacement system for the above referenced property, which I have also forwarded to Fogle's Septic Clean, Inc. As discussed with you at the site on January 7, 2000, we will be installing the septic system in the vicinity of percolation test hole #2 at this time. A copy of the percolation test notes is also enclosed.

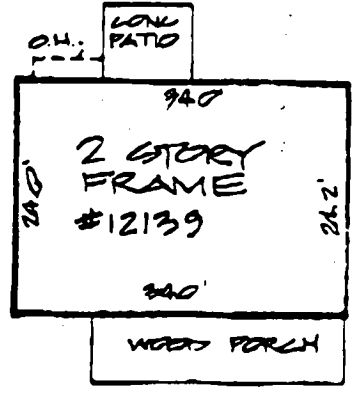
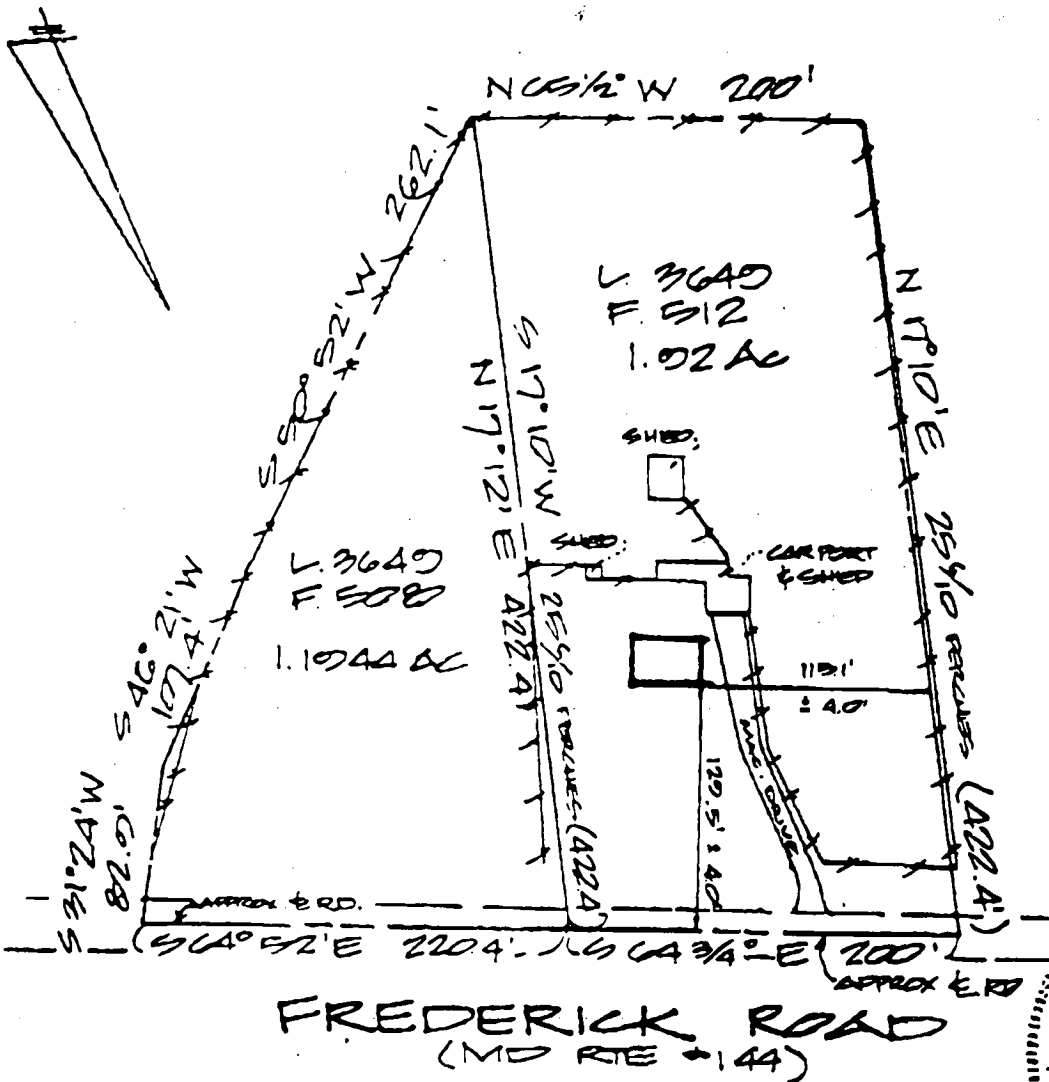
The area immediately uphill of your existing well (in the vicinity of test hole #3) shall be reserved for septic system installation when it becomes necessary. Installation of a septic system in this area would require abandonment and replacement of the existing water wells, to which you agreed at the time of testing.

Please contact me immediately at (410) 313-2694 if any of the above conditions is problematic to you or if you have any other concerns. Thank you in advance for your cooperation regarding this matter.

DKS

Enclosures

Cc: Fogle's Septic Clean, Inc.
file



DETAIL
SCALE: 1" = 20'



Property predates modern day zoning.
No evidence of property corners was found. Apparent occupation is shown.

Date: 11-20-98 Scale: 1"=100' Dm: DW
Plat Book:
Plat No.: NO TITLE REPORT FURNISHED
Work Order: 98-4857
Address: 12139 FREDERICK ROAD
District: 3
Jurisdiction: HOWARD COUNTY, MD

Surveyor's Certification

I hereby certify that the survey shown hereon is correct to the best of my knowledge and that, unless noted otherwise, it has been prepared utilizing description of record. This survey is not a boundary survey and the location of existence of property corners is neither guaranteed nor implied. Fence lines, if shown, are approximate in location. This property does not lie within a 100 year flood plain according to FEMA insurance maps as interpreted by the originator unless otherwise shown hereon. Building restriction lines shown are as per available information and are subject to the interpretation of the originator.

Gudra F. Gross

LOCATION DRAWING
LIBER 3649
FOLIO 508 AND FOLIO 512

NOTE: This plat is of benefit to a consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing. This plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements. This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or acquisition of a mortgage or refinancing.



Meridian Surveys, Inc.
811 Russell Avenue
Suite #303
Galtersburg, MD 20879

APPLICATION MUST BE SUBMITTED AND PERMIT RECEIVED BEFORE DRILLING IS STARTED.

APPLICATION FOR PERMIT TO DRILL WELL

20.814

Owner Marion Anderson
 Street or R. F. D. _____
 Post Office West Friendship, Md.
 Quantity of Water to be Produced 3 Gallons Per Minute
 Total Quantity Needed For Use 1000 Gallons Per Day
 Use for Water House
 Approximate Depth of Well (feet) 80 ft
 Method of Drilling to be used Cable

Driller Douglas Brown License Number 113
 Street or R. F. D. _____
 Post Office Putney Md.
 Date Sept. 14 1966
 Location of Well _____ County _____
 Subdivision _____
 Section _____ Lot _____
 County Howard
 Nearest Town Westfriend Ship
 Distance from Town _____
 Direction from Town East

Is this a Replacement Well? Yes - No
 If YES, indicate date abandoned well is to be sealed: _____
 and by whom: _____

Description of Location of Well
 (This information MUST BE ACCURATE, and should be definite enough to permit locating well on a county map.)
 Near what road Road 144
 On which side of road South
 (North, East, South, West)

Distance from road 100 ft.
 Draw a sketch below showing location of well in relation to nearby towns, roads and streams with north in the direction of the arrow, and give distance from well to nearest road junction or stream crossing shown on the sketch. Distances may be approximate, but must be indicated.

PERMIT TO DRILL WELL
(Not To Be Filled In By Driller)

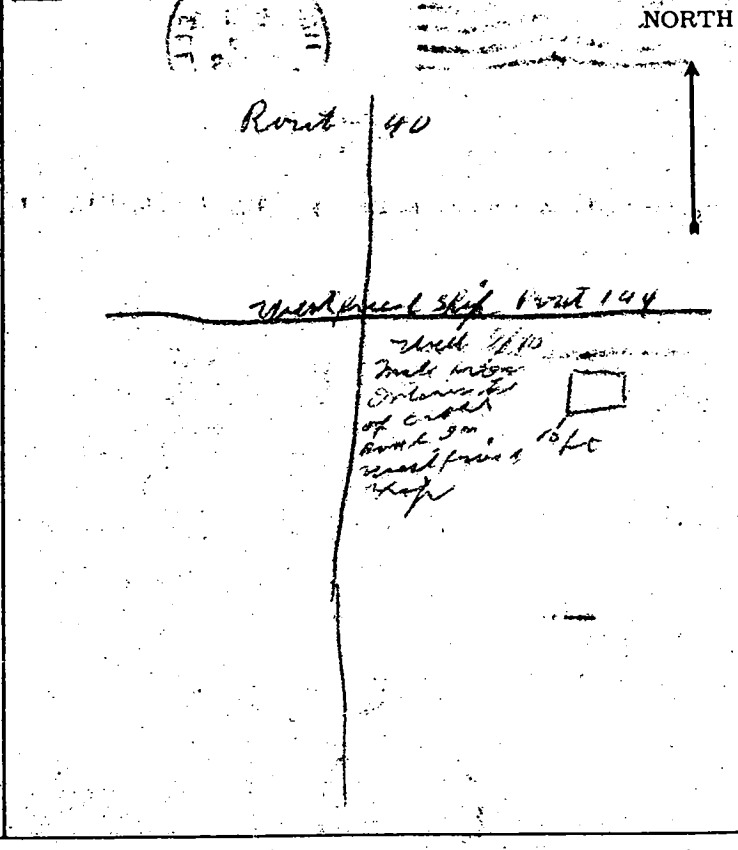
Well Permit No. HO-67-W-109

Samples of Cuttings Required by Department: Yes No
 Owner Requires Permit to Appropriate Water: Yes No
 Owner Has Permit to Appropriate Water: Yes No

Appropriation Permit No. _____
 The applicant is herewith granted a permit to drill this well subject to the conditions stipulated.
Paul W. Meke Sec. 9-16-66
 Director Date

THIS PERMIT IS NOT TRANSFERRABLE
 WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT
 Special conditions that must be observed:

Health Department Approval of Application
Howard County Department of Health
 or State Department of Health
 Approved by Palmer F. Wain
 Title Director, Environmental Health
 Date 9/15/66



HOWARD COUNTY
MARYLAND STATE DEPARTMENT OF HEALTH
8 Church Road
ELLCOTT CITY, MARYLAND
WELL COMPLETION REPORT

This report must be submitted within 10 days after completion of the well.

This is to certify that the well which has been completed on the below property has been constructed and disinfected in compliance with the regulations and specifications of the State Board of Health.

The following construction and performance characteristics were noted:

1. Type, diameter and length of casing 2 in. O.D. - 30 ft.
2. Total depth of well 64 ft.
3. Type, diameter and length of strainer _____ . Size of screen openings _____
4. Method of sealing top and bottom of screen _____
5. Method of grouting Cement . Quantity, cement used 2 Bags lbs.
Gals. water 10
6. Standing water level (depth below ground surface when not pumping) 40 ft
7. Yield of well in gallons per minute 8 ; elevation of water surface when pumped at the designated rate. 45'
8. Number of hours pump operated at stipulated rate during pumping test 1
9. Record of any other pumping performance None
10. Log of materials encountered during drilling Rock from 30 ft.
11. Physical appearance of water at end of final pumping test Partly Clear
12. Variation in vertical alignment (how much the well casing varies from a truly plumb line) throughout its depth None
13. Disinfected by 3 ounces of Clorox % Chlorine (Brand name _____)

Property Owner Marion Anderson Address West Friend Ship, Md.

Location of property Route 144 below West Friend Ship

Health Department Number _____ Dept. of Water Resources Permit No. 4067 W 109

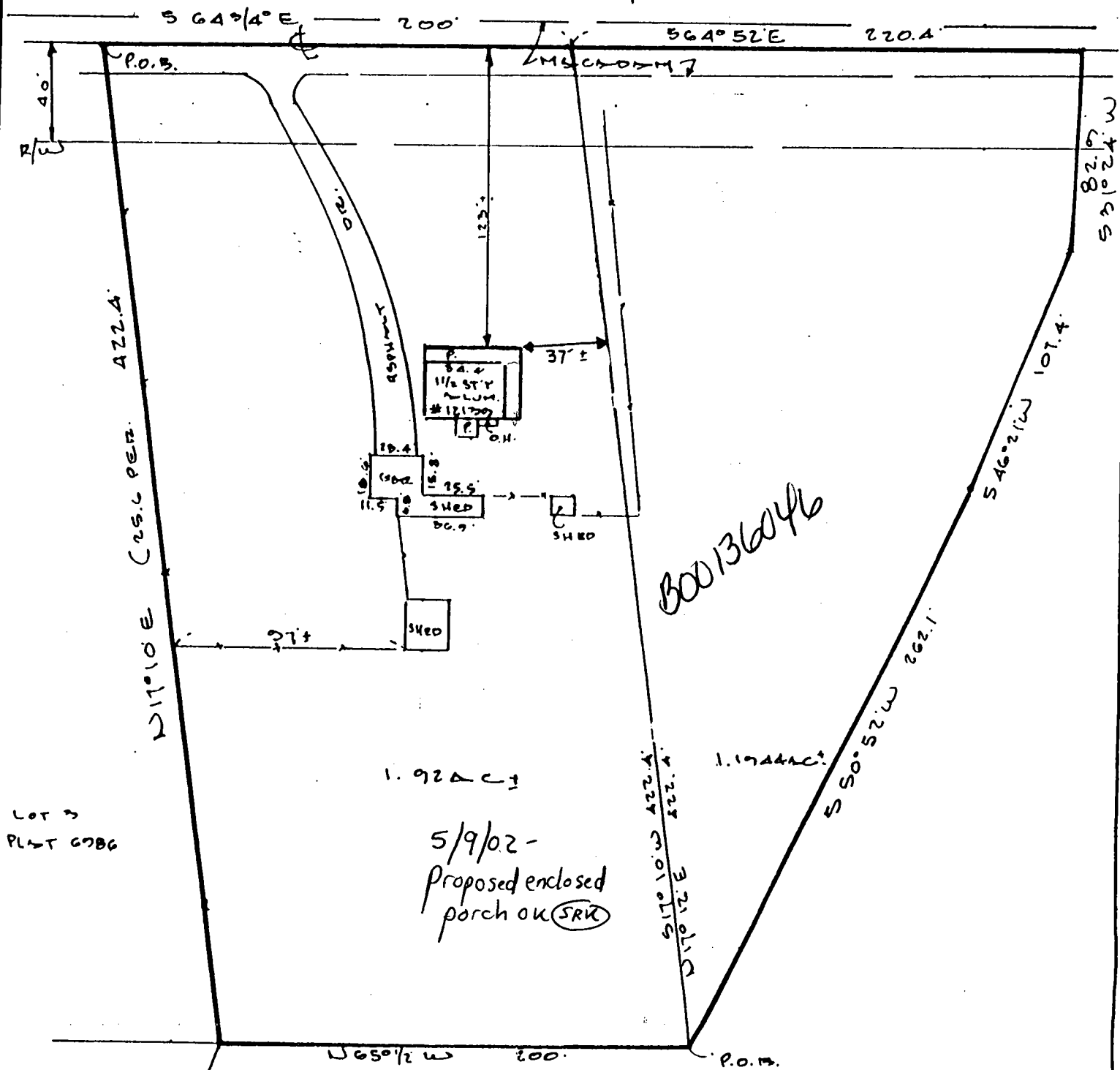
Date: Sept. 26, 19 66 . Danny Brown
Signature of Well Driller

INSTRUCTIONS: This form is to be completed in duplicate and certified by the well driller upon completion of each drilled well. One copy will be forwarded to the property owner by the Health Department along with the final approval of the well.

PROPERTY KNOWN AS:
 L. 4544 F. 166, ETC.
 WASHINGTON DISTRICT
 HOWARD COUNTY, MD

FREDERICK ROAD

MD ROUTE 144
 80' R/W



LOCATION DRAWING

CERTIFICATION

This is to certify that I have surveyed the property known as: 121700
FREDERICK ROAD (RTE. 144)

The information shown has been established by current acceptable survey procedures and from available record information. This drawing is to be used for Title Transfer Financing, or Refinancing Only and IS NOT to be used for the Establishment of Property Lines, Location for Fences, Garages, Buildings, or other Existing or Future Improvements.

SEAL



SCALE

1" = 60'

DATE

4-22-1999

LDE Inc.

9250 Rumsey Road Suite 106
 Columbia, Maryland 21045

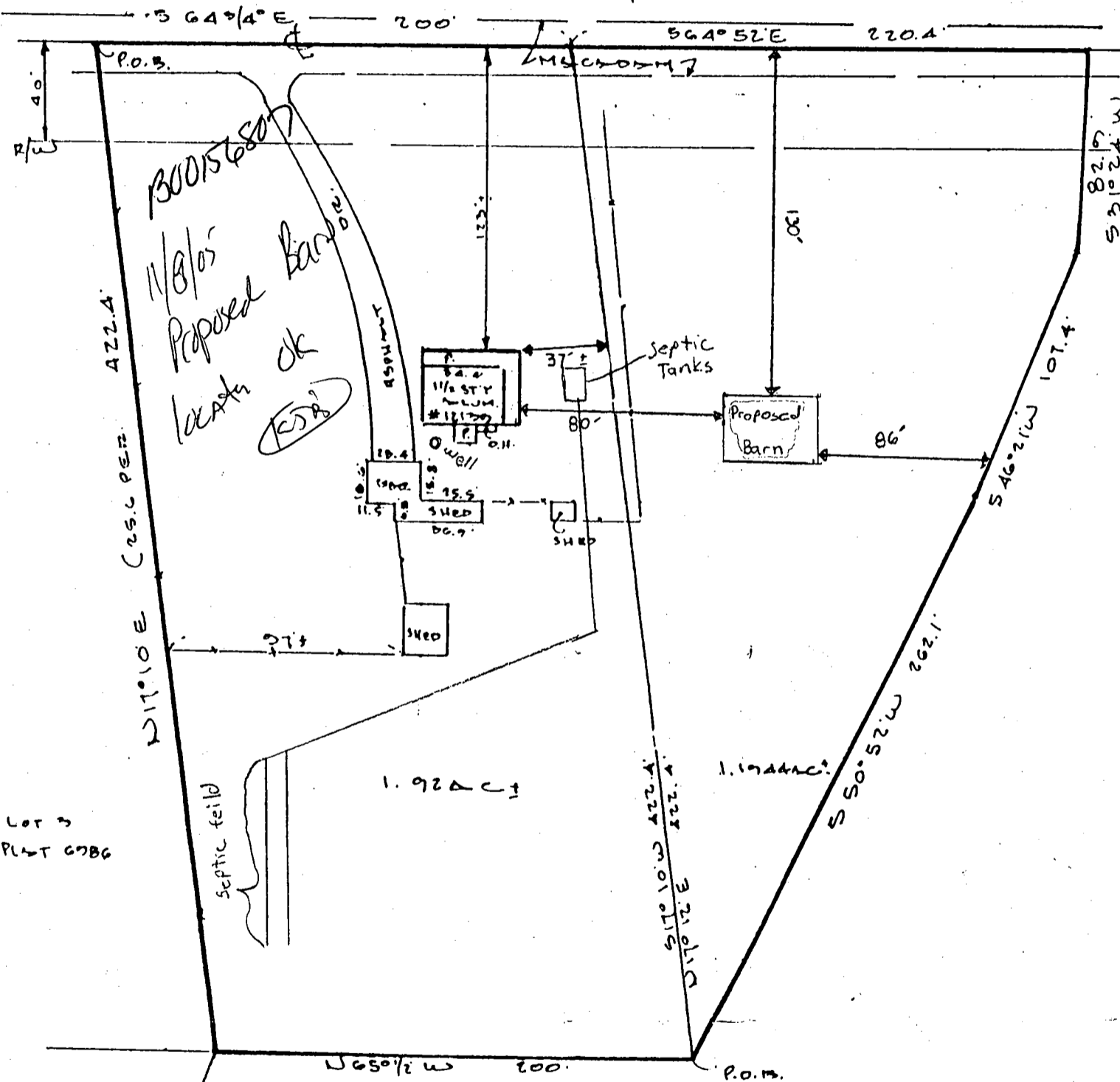
- (410) 715-1070 (Balt.)
- (301) 596-3424 (Wash)
- (410) 715-9540 (Fax)

Leaf

PROPERTY KNOWN AS:
L. 4544 F. 166, ETC.
7th DELECTION DISTRICT
HOWARD COUNTY, MD

FREDERICK ROAD

MD ROUTE 144
80' R/W



LOCATION DRAWING

CERTIFICATION

This is to certify that I have surveyed the property known as: L. 4544 F. 166
FREDERICK ROAD (RTE 144)

The information shown has been established by current acceptable survey procedures and from available record information. This drawing is to be used for Title Transfer Financing, or Refinancing Only and IS NOT to be used for the Establishment of Property Lines, Location for Fences, Garages, Buildings, or other Existing or Future Improvements.

SEAL



SCALE

1" = 60'

DATE

4-22-1999

LDE Inc.

9250 Rumsey Road Suite 106
Columbia, Maryland 21045

- (410) 715-1070 (Balt.)
- (301) 596-3424 (Wash)
- (410) 715-9540 (Fax)