

Howard County Health Department

Memo to File From Lon Kirby

To: Re: Telephone call to Bruce Burton
of Land Development RE: Kaufuss Acres
Lot 2 (A 48216)

Discussed reconfigured SDA for Lot 2
and need (per G41) of additional piers; also
discussed usability of soils for SDA under
pole Building Feed lot part of Barn if he
can get around zoning requirements. He'll
call client to see which way to go and
may resubmit a reconfigured revision
per plot.

From: Lon Kirby

Date: 7/5/83

HD-170

8/9/88 AM

File

CLEANOUT NOT YET TO GRADE, MANHOLES MAY NOT BE REQUIRED. OK

PERMIT

P 42171
A 39514

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 3rd

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 7/26/88

DATE SYSTEM APPROVED 8/10/88

INSPECTOR C.B.D.

DUPLICATE - PROPERTY IS PROPOSED FOR SUBDIVISION F-93-76

ORIGINAL OF THIS FILE 1296769
8/24/93
CW

Jack Kaulfuss

IS PERMITTED TO INSTALL ALTER

ADDRESS 13711 Old Rover Road, West Friendship, Maryland 21794 PHONE

SUBDIVISION Kaulfuss Property ROAD 13715 Old Rover Road LOT

PROPERTY OWNER Jack & Ann Kaulfuss

ADDRESS TAX MAP 15 GRID 19 PARCEL 172

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO

70+70 4x100
4 160
14
640

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 160 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 4.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 275 feet up the right (1375.16') lot line and 80 feet off the same lot line as seen when facing the lot from Old Rover Road. Run trenches on contour toward the left lot lines.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. CW

*** ADJUST TRENCHES TO CONTOUR DO NOT RUN THEM DOWN HILL. CW.**

PLANS APPROVED BY Sid Abel DATE 2/16/88

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.

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 TRENCHES 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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

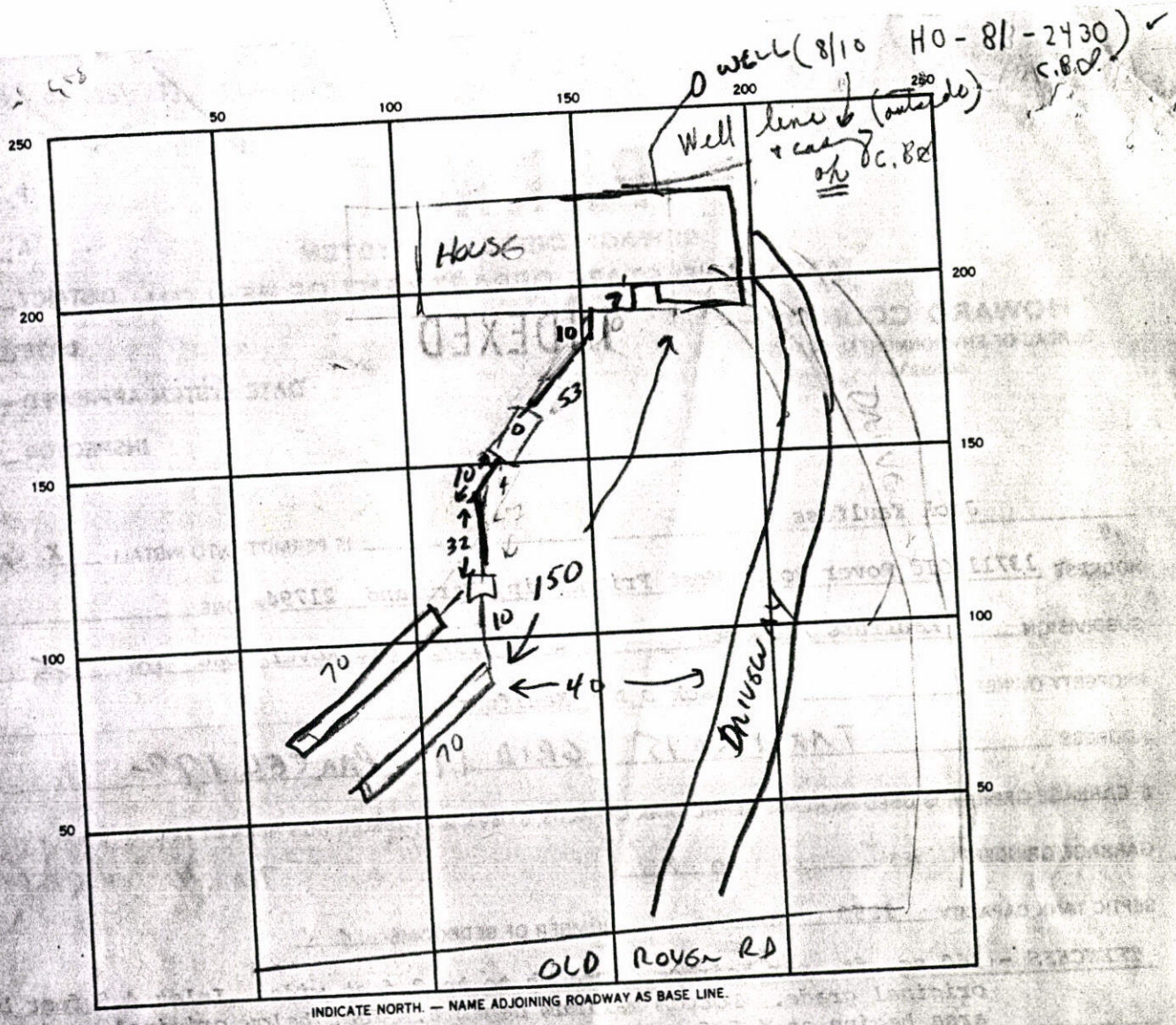
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

BUDG. PERMIT SIGNED AND RETURNED 11/22/89
Serial # 50531-garage

BUDG. PERMIT SIGNED AND RETURNED 2/3/89
Serial # 23560 prop on tank

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



SEPTIC TANK LEVEL 1250 CLEANOUTS ST ✓
 on 8/10
 DISTRIBUTION BOX LEVEL ✓
 IN FIELD/TILE FIELD DEPTH 10 FT. TRENCH WIDTH 2 FT. INLET DEPTH 5 FT.
 EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 140 FT.
 NUMBER OF TRENCHES 2 (70+70) ONE SIDEWALL/BOTTOM AREA 700 SQ. FT.
 WELL INSIDE DIAMETER - FT. EFFECTIVE DEPTH BELOW INLET - FT.
 ABSORBENT AREA 700 SQ. FT.

8/4/88 BOTH TRENCHES & SEWER LINE OK TO COVER
 EXISTING GRADE MUST BE CUT TO BELOW TOP OF CLEANOUT FOR FINAL.
 8/10/88 Existing grade cut to below top of cleanout in area of septic tank and trenches. File CW/Whan

Health



DEPARTMENT OF PLANNING & ZONING

Joseph W. Rutter, Jr., Director
September 8, 1993

Mr. Jack M. Kaulfuss
13715 Old Rover Road
West Friendship, MD 21794

RE: F-93-76, Kaulfuss Acres, Lots 2-4

Dear Mr. Kaulfuss:

The Department of Planning and Zoning hereby grants approval of the Final Subdivision Plans for Kaulfuss Acres consisting of 3 lots on 16.976+ acres of land located on Old Rover Road in the Third Election District of Howard County, Maryland, subject to the attached conditions, and the following:

- 1. Submit two (2) folded prints of the revised Forest Stand Delineation with the final plat originals.
2. Submit two copies of the Deed of Forest Conservation Easement and the cost estimate for Forest Conservation Surety.
3. Payment to Director of Finance, Howard County of the following fees and presentation of the pink cash receipt to the Department of Planning and Zoning when you submit the original plats for signature approval. Bring this letter and fees to the cashier's office to obtain receipts.

Table with 2 columns: Description and Fee. Includes items like Storm Drainage Construction (\$150.00), Open Space Land Acquisition (\$3,000.00), Distribution copies of approved plan or plat (\$19.80), and Department of Public Works, Engineering Review (\$150.00).

- 4. A check made payable to the Clerk of the Court for the cost for recording plats.

Table with 2 columns: Description and Fee. Includes Recording fee for plat (per sheet) \$ 5.00.

September 8, 1993

RE: F-93-76, Kaulfuss Acres, Lots 2-4

Page Two

5. Submission of two accurate 1"=600' scale reductions of the subdivision plat indicating lots/parcels with lot numbers/parcel letters and rights-of-way.
6. Submission of the final plat original for signature and recordation within 180 days (by March 2, 1994), or approval will be considered withdrawn and void per Section 16.144(p) of the Howard County Subdivision Regulations.
7. The Department of Planning and Zoning hereby grants **tentative allocations for two (2) housing units** in this subdivision for the year 1996. This subdivision is located in the West School Region and the Bushy Park Elementary School District. These tentative allocations will remain valid provided you continue to meet all required processing deadlines. Tentative allocations will become permanent upon recordation of the final subdivision plat. Although the allocations are assigned to a specific year, once the final plats have been recorded you may apply for building permits at any time.

Compliance with all conditions and/or corrections is required before the original plan or plat will be accepted for signature approval. Please contact Ms. Carol Stirn of the Department of Planning and Zoning at 313-2354 to schedule an appointment to submit originals for signature. **Please bring this letter with you as it will serve as the checklist for final plat original submission.**

When recorded, the signed original plat will be retained on file in the Department of Planning and Zoning.

If you have any questions, please contact Cindy DelZoppo at 313-2354.

Sincerely,



Gina Tirinnanzi, Chief
Division of Land Development and Research

GT/CD/ab/F9376.ltr

Enclosure

cc: Data Management
Department of Public Works
Department of Environmental Health
Land Design Engineering, Inc.



DEPARTMENT OF PLANNING & ZONING

Joseph W. Rutter, Jr., Director

September 15, 1993

Mr. Jack M. Kaulfuss
13715 Old Rover Road
West Friendship, MD 21794

RE: F-93-76, Kaulfuss Acres, Lots 2-4

Dear Sir or Madam:

The purpose of this letter is to notify you of an incorrect deadline date in our letter of September 8, 1993. The original plat submission date is March 7, 1994.

Please correct your records accordingly. We regret any inconvenience this may have caused. If questions should arise, please contact Cindy DelZoppo at 313-2354.

Sincerely,

Gina Tirinnanzi, Chief
Division of Land Development and Research

GT/CD/ab/F9376.let

cc: Research
Department of Public Works
Department of Environmental Health
Land Design Engineering, Inc.

August 13, 1993

DEPARTMENT OF PLANNING AND ZONING
Division of Land Development and Research

COMMENTS

RE: F-93-76, Kaulfuss Acres, Lots 2-4

1. Remove the wording *Covenants governing* from note 6.
2. Revise note 16 to read "The driveway for Lot 2 shall not cross the private sewerage disposal area".

CD/ab/comments\F9376.com

August 13, 1993

Forest Conservation Comments

RE: F-93-76: Kaulfuss Acres: Lots 2, 3, and 4

Forest Stand Delineation

The Forest Stand Delineation is *approved*. No corrections or additions are required. The documents submitted to date will be retained in the Department files and satisfy the requirements of the Forest Conservation Program.

Forest Conservation Plan

The Forest Conservation Plan is *technically complete*. The following comments need to be addressed prior to submission of the original drawings for signature approval. For our files, the Department of Planning and Zoning requires two paper prints of the revised FSD with submission of the original drawings.

1. The area of the required afforestation plantings should be noted on the FCP. This area (2.06 acres or 89,734 square feet) will need to be recorded as a forest conservation easement in accord with the comments below.
2. The final plat will need to show a Forest Conservation Easement in accord with the conditions for approval of F-93-76. This easement shall be subject to the terms of Deed of Forest Conservation Easement that must be executed with the County and recorded in the Land Records of Howard County. Contact Real Estate Services, Department of Public Works at (410) 313-2330 for deed language. Reference the deed liber and folio on the plat.
3. The final plat shall include the following language:

The Forest Conservation Easement has been established to fulfill the requirements of Section 16.1200 of the Howard County Code Forest Conservation Act. No clearing, grading or construction is permitted within the forest conservation easement; however, forest management practices as defined in the Deed of Forest Conservation Easement are allowed.

4. A Forest Conservation Agreement, including surety for the forest conservation retention/plantings required by the approved FCP, is required. Forest Conservation Agreement Forms can be obtained from Real Estate Services, Department of Public Works [(410) - 313-2330]. The Department of Planning and Zoning must approve the cost estimate for Forest Conservation Surety.

5. Please note that detailed information concerning the construction period and post-construction period protection measures, coordination of such measures with other requirements such as sediments and erosion control, and all necessary Developer's Agreements and sureties will be a part of the construction drawing submissions for this project.

Kaulfuss Acres

Percolation Certification Plan update

- note 11 ~~Strike~~ (Health & Mental Hygiene)
add The Environment
- add note 12 lot 2 - A dual lift pump system with visual & audible alarms will be required for installation of the S.S.
 - or show how a gravity sewer system will function
- enlarge all S.I.D.E. not 10,000 sq. ft.
 - lot 2 add strip to south end
 - lot 3 " " " north east end
 - lot 4 " " " west side
- give well site elevations for lots 2 & 3 to assure acceptable sites
- give a house site elev. to assure gravity or note pump needed

HOWARD COUNTY HEALTH DEPARTMENT

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

Water and Sewerage, Permits 313-2640

DATE: 3-1-93.

- TO:
- | | |
|--|---|
| <input type="checkbox"/> MD. STATE DEPT. OF HEALTH | <input type="checkbox"/> BOARD OF EDUCATION |
| <input type="checkbox"/> COUNTY EXECUTIVE | <input checked="" type="checkbox"/> OFFICE OF PLANNING & ZONING |
| <input type="checkbox"/> DEPT. OF PUBLIC WORKS | <input type="checkbox"/> DIVISION OF LAND DEVELOPMENT |
| <input type="checkbox"/> BUREAU OF WATER & SEWERS | <input type="checkbox"/> BUILDING ENGINEER |
| <input type="checkbox"/> OTHERS: | <input type="checkbox"/> BUREAU OF LICENSES, INSPECTION & PERMITS |

RE: F-93-76 KAULFUSS (PROPERTY) ACRES lots 2-3&4

- The above referenced:
- | | |
|--|---|
| <input checked="" type="checkbox"/> Final Plat | <input type="checkbox"/> Building Plans |
| <input type="checkbox"/> Preliminary Plat | <input type="checkbox"/> Other: |
| <input type="checkbox"/> Site Development Plan | |

- IS:
- | | |
|--------------------------------------|--|
| <input type="checkbox"/> Approved | <input type="checkbox"/> Approved, if public water and sewerage are provided. |
| <input type="checkbox"/> Disapproved | <input type="checkbox"/> Approved, provided State Health Department notifies the Health Officer that he can sign the plat or bldg. permit. |
| | <input type="checkbox"/> May the Health Officer sign the above referenced plat? |
| <input type="checkbox"/> Others: | |

- COMMENTS:
- | | |
|--|---|
| <input type="checkbox"/> Preliminary plat needs revising. | <input type="checkbox"/> Percolation tests not performed. |
| <input checked="" type="checkbox"/> Final plat needs revising. | <input type="checkbox"/> State Subdivision Regulations not complied with. |
| <input type="checkbox"/> Request that Engineer come to this office for conference. | <input type="checkbox"/> Submit complete plans and specifications. |
| <input type="checkbox"/> Submit completed Food Establishment check list. | <input type="checkbox"/> See attached Regulations or literature. |

OTHER COMMENTS: APPROVED SUBJECT TO: ALL SEWAGE DISPOSAL EASEMENTS (S.D.E.)
EXPANDED TO A MINIMUM 10,000 #'; LOT #2, ADD THE NOTE, REQUIRES A PUMP
SEPTIC SYSTEM; LOT #3 SHOW AN ACCEPTABLE WELL SITE WITH ELEVATION; NOTE #11,
DELETE "HEALTH etc." replace with "THE ENVIRONMENT"
 Signed: F. Frommel
Engineer informed



HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Division of Community Planning and Land Development

DATE: 1/18/93

P&Z File No. F-93-76

Department of Planning and Zoning

- Community Planning and Land Development
- Comprehensive and Transportation Planning
- Zoning Administration and Enforcement
- Data Management
- Address Coordinator
- Agricultural and Historic Preservation
- File

Agencies

- | | |
|---|---|
| <input checked="" type="checkbox"/> Bureau of Engineering, DPW | <input checked="" type="checkbox"/> Soil Conservation District |
| <input checked="" type="checkbox"/> Department of Inspections, Licenses and Permits | <input checked="" type="checkbox"/> County Assessment |
| <input checked="" type="checkbox"/> Department of Fire and Rescue Services | <input checked="" type="checkbox"/> C & P |
| <input checked="" type="checkbox"/> State Highway Administration | <input checked="" type="checkbox"/> B G & E |
| <input checked="" type="checkbox"/> Finance | <input checked="" type="checkbox"/> Department of Natural Resources |
| <input checked="" type="checkbox"/> Bureau of Environmental Health | <input checked="" type="checkbox"/> Cable TV |
| <input checked="" type="checkbox"/> Public School System | <input checked="" type="checkbox"/> Police |
| <input checked="" type="checkbox"/> Recreation and Parks | <input checked="" type="checkbox"/> MTA |

RE: KAULFUSS PROPERTY (ACRES)

FOR SRC MEETING OF: _____ (Date) _____ (Time) _____ (Place)

ENCLOSED FOR YOUR: _____ Signature Approval Review and Comments _____ Files

THE ENCLOSED: _____ Original

	<u>No. of Sheets</u>		<u>No. of Sheets</u>
<input type="checkbox"/> Sketch Plan	_____	<input type="checkbox"/> Final Construction Plans	_____
<input type="checkbox"/> Preliminary Plan	_____	<input type="checkbox"/> Final Storm Drainage Computations	_____
<input type="checkbox"/> Preliminary Road Profile	_____	<input type="checkbox"/> Soils Map	_____
<input type="checkbox"/> Preliminary Drainage and/or Computations	_____	<input type="checkbox"/> Traffic Study	_____
<input type="checkbox"/> Final Development Plan	_____	<input type="checkbox"/> Stormwater Management	_____
<input checked="" type="checkbox"/> Final Plat	<input checked="" type="checkbox"/>	<input type="checkbox"/> Site Development Plan	_____
		<input type="checkbox"/> Waiver Petition	_____

WAS: Received _____ Tentatively Approved
 Received and Revised _____ Approved

Recorded On 1-18-93

COMMENTS: _____

DUE BY: 2-11-93

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

Approved with enlargement of all S.D.E. to 10,000 #, note added pump system required for septic system on lot #2 and show elev. of an acceptable well site on lot #3

J. Tronchetti

- this info given Eng., B. Benton

APPLICATION



PERCOLATION TESTING

A 48216 ^(cont)

P _____

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

DISTRICT _____

DATE Retest 9/4/92

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 Jack KaulFuss

ADDRESS 13715 Old Raven Rd PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION KaulFuss Property LOT NO. 32 *revis & pink plat*

ROAD AND DESCRIPTION 13715 Old Raven Rd (between 13714 & 13715)

TAX MAP 15 PARCEL # 142

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 perc plan been configuration

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

A 48216

COUNTY #

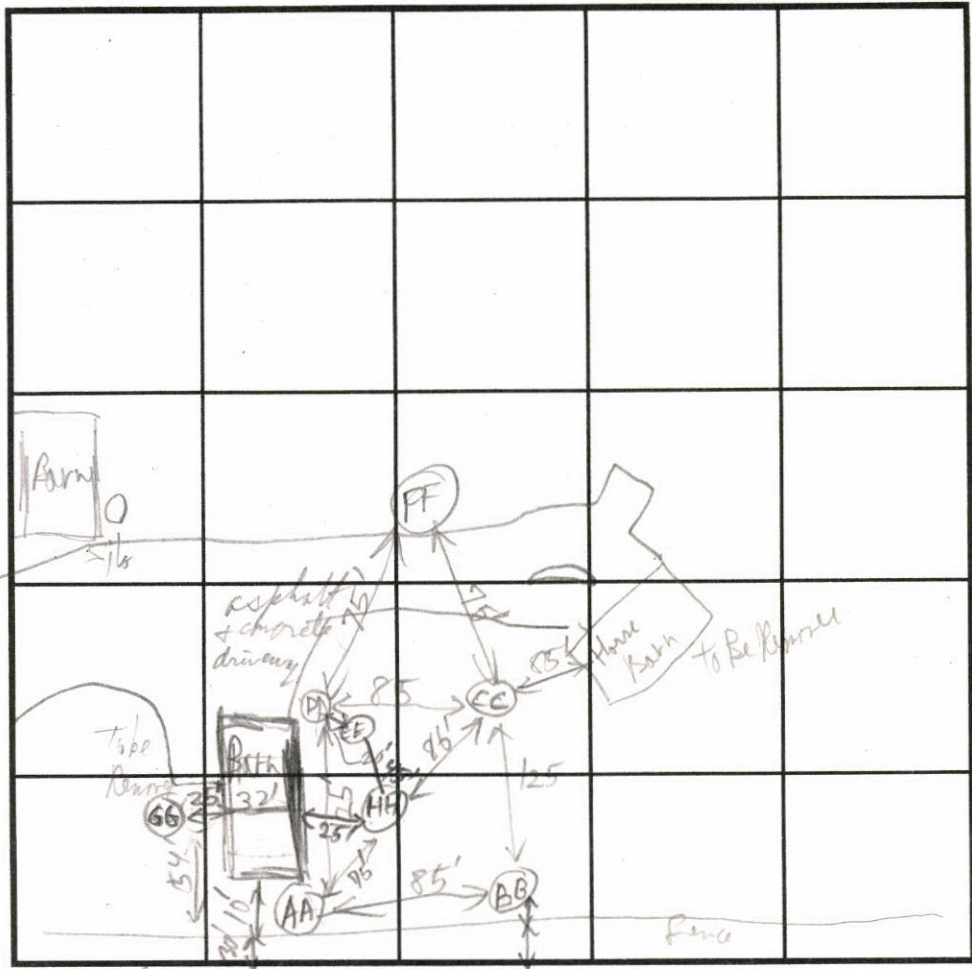
SOIL PROFILE

Hole AA
 0' 18" Red Brn CL - hCL
 2m. & 5%
 separate
 Red + yel layered
 sil + loams
 6' yel Red
 Bloom - SL

Hole CC
 SOIL PROFILE

0' 4' Red Brn - Red Brn
 CL
 Tan
 SL
 15-25%
 Red +
 str.
 separate

Hole BB
 3' same as
 Hole AA
 Red + Yellow
 don't contrast
 More
 Blended
 6' yel Red
 SL (15% & 4%)
 13 1/2'



Hole EE same as DD
 Hole FF Red @ 8ft
 clayey to 5-6ft
 + mixed hL-CL
 + rocks 6-8'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/4/92	AA	@ 6'	9:38:30	9:40:25	9:40:25	9:44:08	3 1/2
		V 14'					
	BB	@ 6'	9:38:50	9:43:50	9:43:50	9:53:50	10 min
		V 13 1/2'					
	CC	@ 13 1/2'	(See Profile)				
		V 13 1/2'	10:00	emptied	10:04:04		2 min
	DD	@ 6'	9:58:50	N Min / 10 min			Fail
		V 13 1/2'	Riding to 10ft before better piercing soil				
	EE	V @ 8'	10:46'	N Min	15 min (pulled)		Fail
	FF	hit rock @ 7-8ft					Fail

Hole DD
 Red Brn
 hCL
 8' Begin sil yel
 to SIL
 separate
 10' Begin hSL
 separate
 13'

REMARKS _____
 TYPE OF SOIL Cherty SIL
 TESTED BY R.P. Pinky ALSO PRESENT Jack Kan (Fuss)
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 min TRENCH WIDTH 2
 INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 8-9' SQ. FT./BEDROOM _____

APPLICATION

PERCOLATION TESTING

A 48216 ^(cont)
P _____

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

DISTRICT _____
DATE Retest 9/4/92

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 Jack Kaul Fuss

ADDRESS 13715 Old River Rd PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. B2 revised parcel

ROAD AND DESCRIPTION Between 13711 + 13715 Old River Rd

TAX MAP 15 PARCEL # 142

SIZE OF LOT 117 acres 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 _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

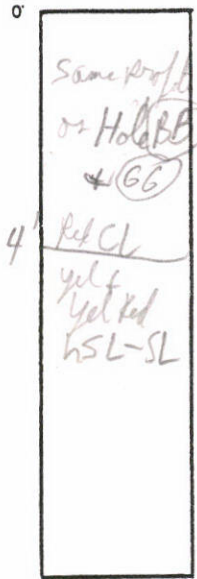
HD-216

THIS IS NOT A PERMIT

Kaulfuss Property Old River Rd
A48216

Hole HH

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hole GG



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-4-92	GG	@ 9 1/2'	11:29:50	11:31:26	11:31:26	11:33:16	2 min OK
		v 13'					
	HH	@ 6'	11:37:48	11:38:23	11:38:23	11:41:19	3 min OK
		v 12'					

REMARKS _____

TYPE OF SOIL Chester silt loam

TESTED BY R. Patten ALSO PRESENT J. Kaulfuss

7/15/92
10/30

APPLICATION

PERCOLATION TESTING

A 48216

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE : 313-2640

DISTRICT _____

DATE 4/10/92

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 JACK M. KAULFUSZ LOT 3

ADDRESS 13715 Old River Rd PHONE 442-2011

PROSPECTIVE BUYER UNKNOWN

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO 3 *2 revised perk plat*

ROAD AND DESCRIPTION 13715 Old River Rd.

TAX MAP 15 PARCEL # 142

SIZE OF LOT 11 AC. ± TYPE BLDG S.F.D
(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.

TED SNOWELL
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR 788-1733 DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

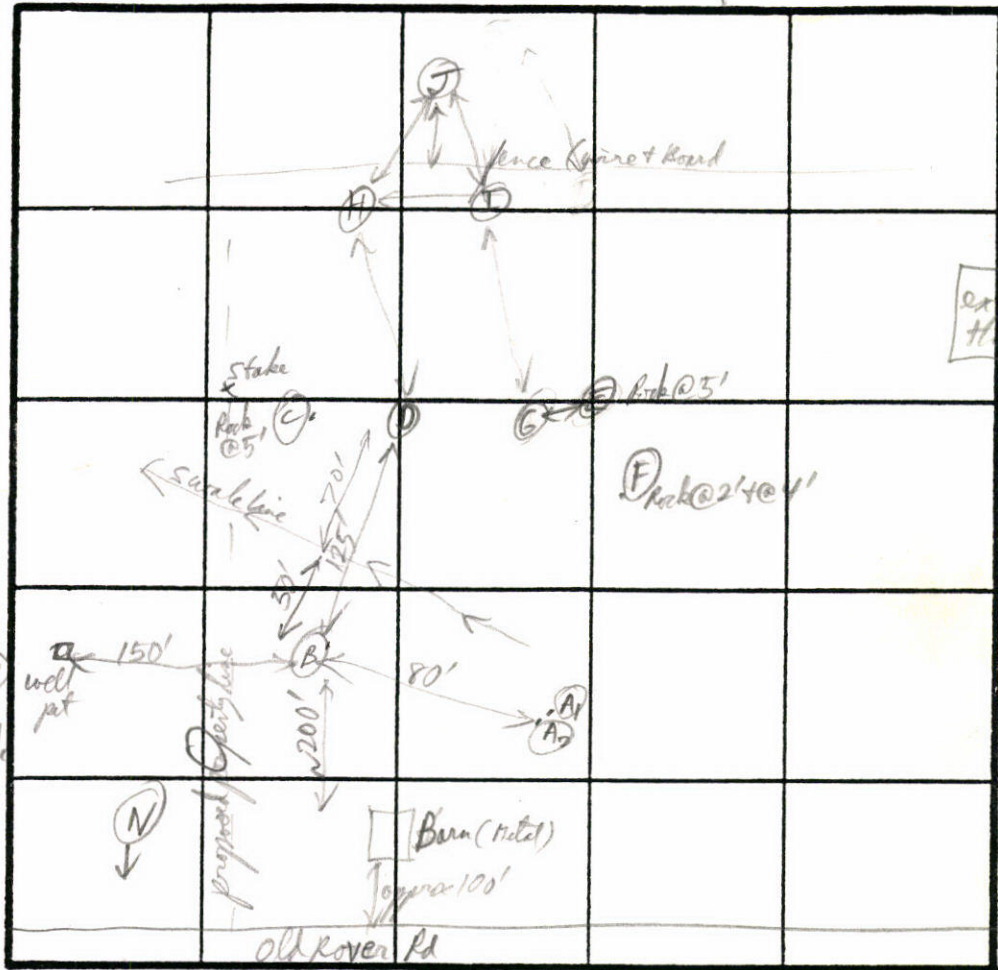
THIS IS NOT A PERMIT

6/3 APR 216

Hole A

SOIL PROFILE

0	gray Brn Loom Topsoil
6-8"	Yel Brn (10/10/5%) HL 2m f ssk
3'	Red hCL 2m ssk
6'	Yel Brn (var) (10-25/10/5%) m Sanky loam C-m 3 blk cmc + stans in weathering str Sparrite 40-50%
9'	some Coloss + SL m vfr - loose str sparrite only 55 ± 0%
14'	



Hole B

4'	Topsoil + Yel Brn HL
6-7'	Red (light) CL gradual transition to -
13'	Yel Brn - Str Br SL only 20% Str sparrite F-c alk stans

Hole D

1 1/2'	Str Brn loam Topsoil
3 1/2'	Red hCL
	Yel Brn variegated yellow + red brn light loam - FSL - SL of diff depth str No Rock or Sparrite
14 1/2'	C30 Black stains than house

6'	Str Brn loam
1 1/2'	Red hCL
5 1/2-6'	Red loam S - C25-35%
11'	Rock bifacial

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-15-92	6/3 (A1)	@ 4 1/2	10:44	11:27	NM in 43 min		Fail in Red CL
	In situ - found caver, might wet 2000' Testing	v 13 1/2					
	(A2)	Not Tested					
	(B)	v 13' @ 3 1/2	11:04	11:42	1st " in 38 min		Fail
	(E)	Rock @ 5'					Fail
	(F1)	Rock @ 4'					Fail
	(F2)	Rock @ 2'					Fail
	(C)	Rock exposed @ 5 ± ft (covered when I visited site)					Fail
	(D)	@ 4 1/2 v 14 1/2	11:41	11:43	11:43	11:46	3 min
	(G)	Rock @ 11' respool			Not tested		Fail

REMARKS: Disapproved Area
 TYPE OF SOIL: _____
 TESTED BY: R/R [Signature]
 ALSO PRESENT: Fyock's Crew + Owner

May Test water for shallow system only

APPLICATION

PERCOLATION TESTING

A A48216

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 Jack M. Kaulfuss

ADDRESS 13715 Rover Rd PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 7 (proposed) *2 revised perk plat*

ROAD AND DESCRIPTION Between 13711 + 13715 Rover Rd

TAX MAP 15 PARCEL # 142

SIZE OF LOT 11+ acres 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 Own stopped further testing

REASONS FOR REJECTION OR HOLDING Shallow Rock in some holes - Block bottles, recommend not season testing especially near swale

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

448216

COUNTY #

SOIL PROFILE

0'

Thin Ahorga
Red + Red Brn
hSL (26%)
10-30%
rock + some
v. weak str. Sgr

4 1/2'

Yel + Yel Brn
Hd Brn Mix
variegated
SL-hSL
20% blk stains
+ 15% rocks
+ str. Sgr

9'

90% Red bot. fract full
Basining
Rock frags
owner stopped test here

2'

Red SCL-hSL

3 1/2'

Red hSL

At Yel Brn,
Hd, Red Brn
variegated Mixed
micaceous
Ec-m2
Blk calc

13 1/2'

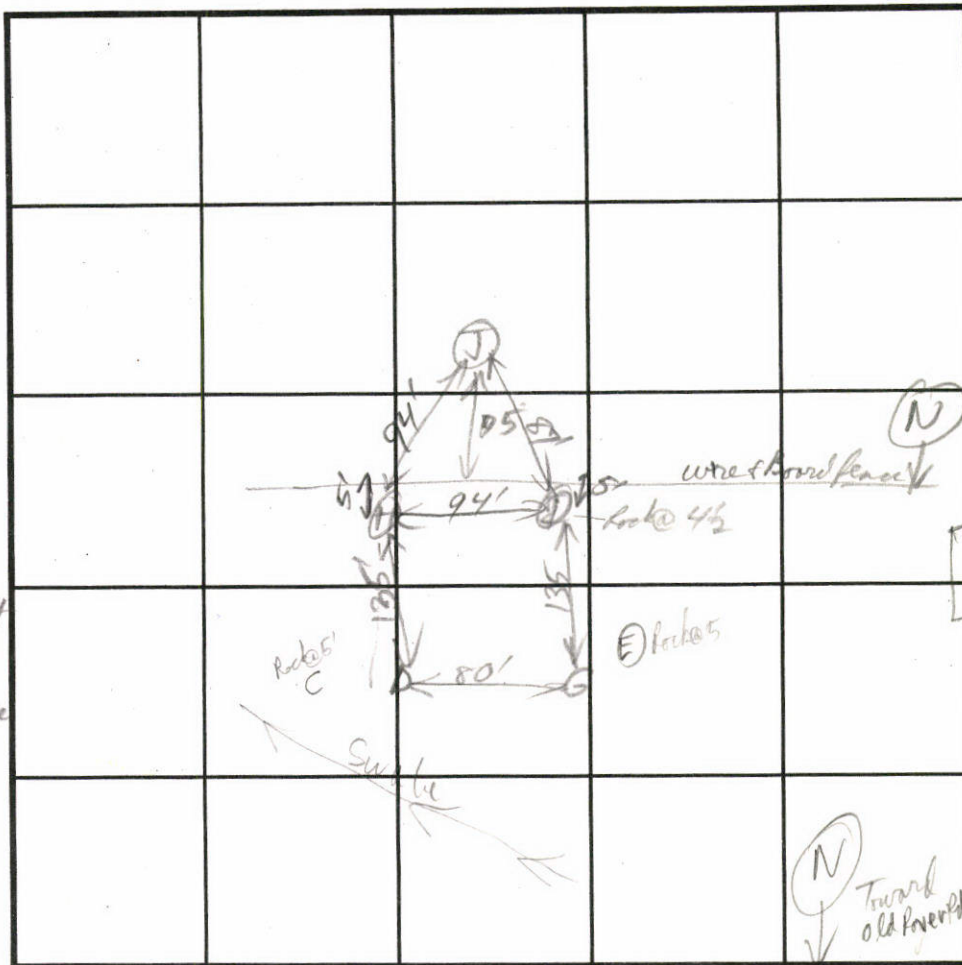
No rock
v. weak str. Sgr
mfr-loose
to 100mic
easily crumbled
No rocks
at this time

Hlet

Red hSL
-SCL
mfi-mfi
Fragile
c&d blk
10% calc + str. Sgr

3 1/2'

Red Brn +
Lk Brn
SL
+ Rock
(
Red @ 4 1/2'
Refract @ 6'



SOIL PROFILE

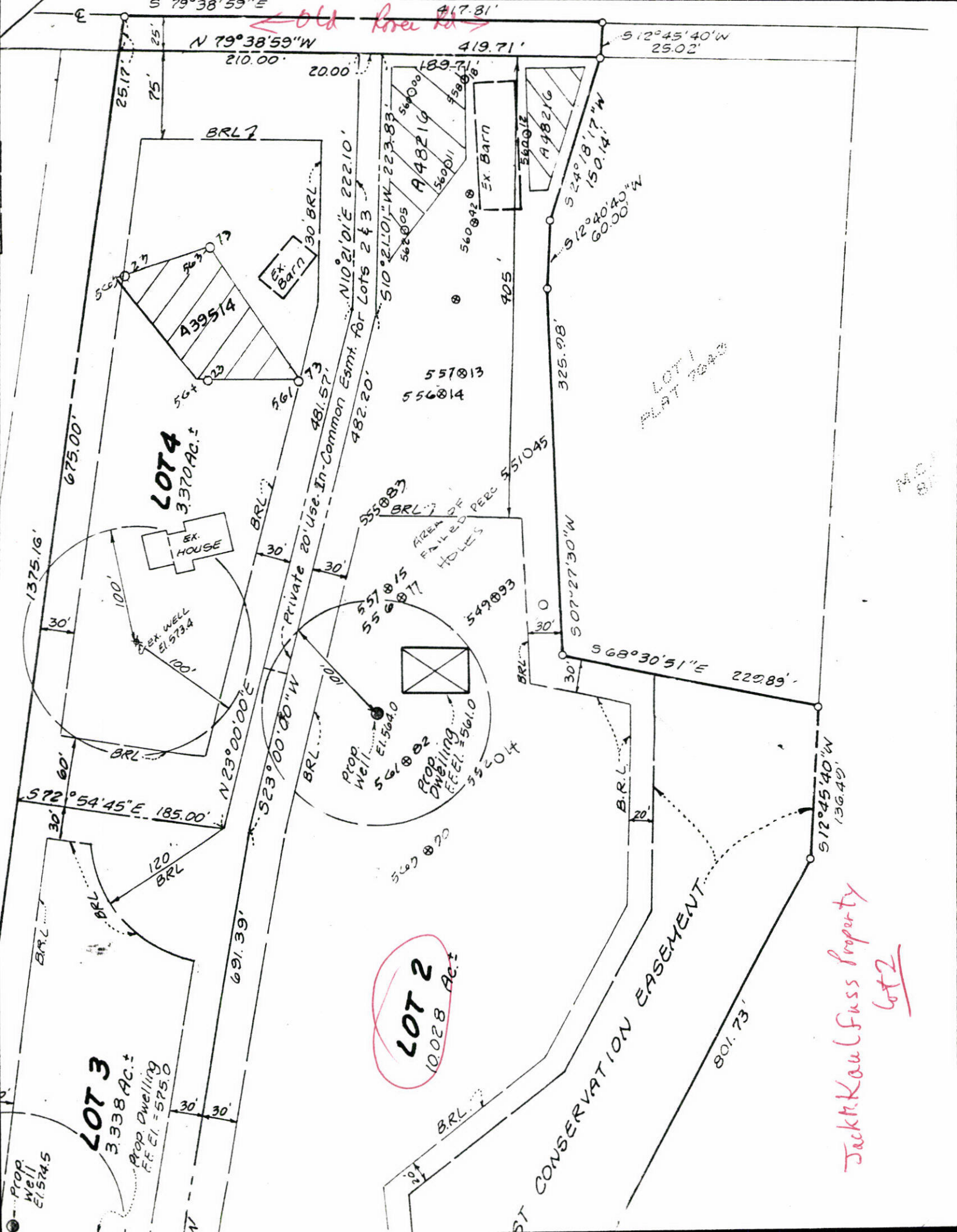
0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7-15-92	J	9'	Not	Tested			
	H	13 1/2'	Not	Tested			
	J	6' Refract @ 6'	Refract	Work	well @ 4 1/2'		Fail

REMARKS: Blk Calc + Str. Sgr - recommend not season testing?! - Disapproved Area
 TYPE OF SOIL: Manor (Rock in Salt + Pepper grayish Sandy Micaceous Gneiss)
 TESTED BY: RJ Penley ALSO PRESENT: Foyles Grant Owner
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



← Old Rose Rd →

N 79°38'59"W
210.00'

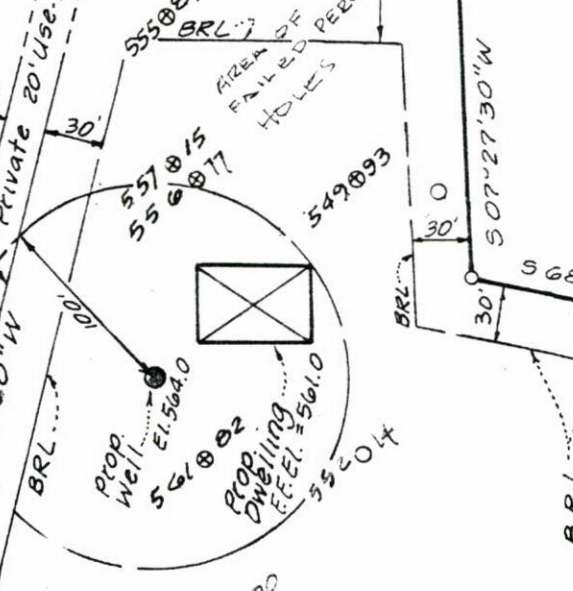
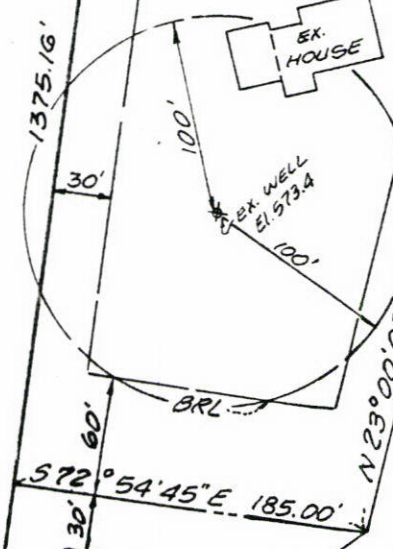
419.71'

S 12°45'40"W
25.02'

LOT 4
3.370 AC.±

LOT 2
10.028 AC.±

LOT 3
3.338 AC.±
Prop Dwelling
F.F. El. = 575.0



CONSERVATION EASEMENT

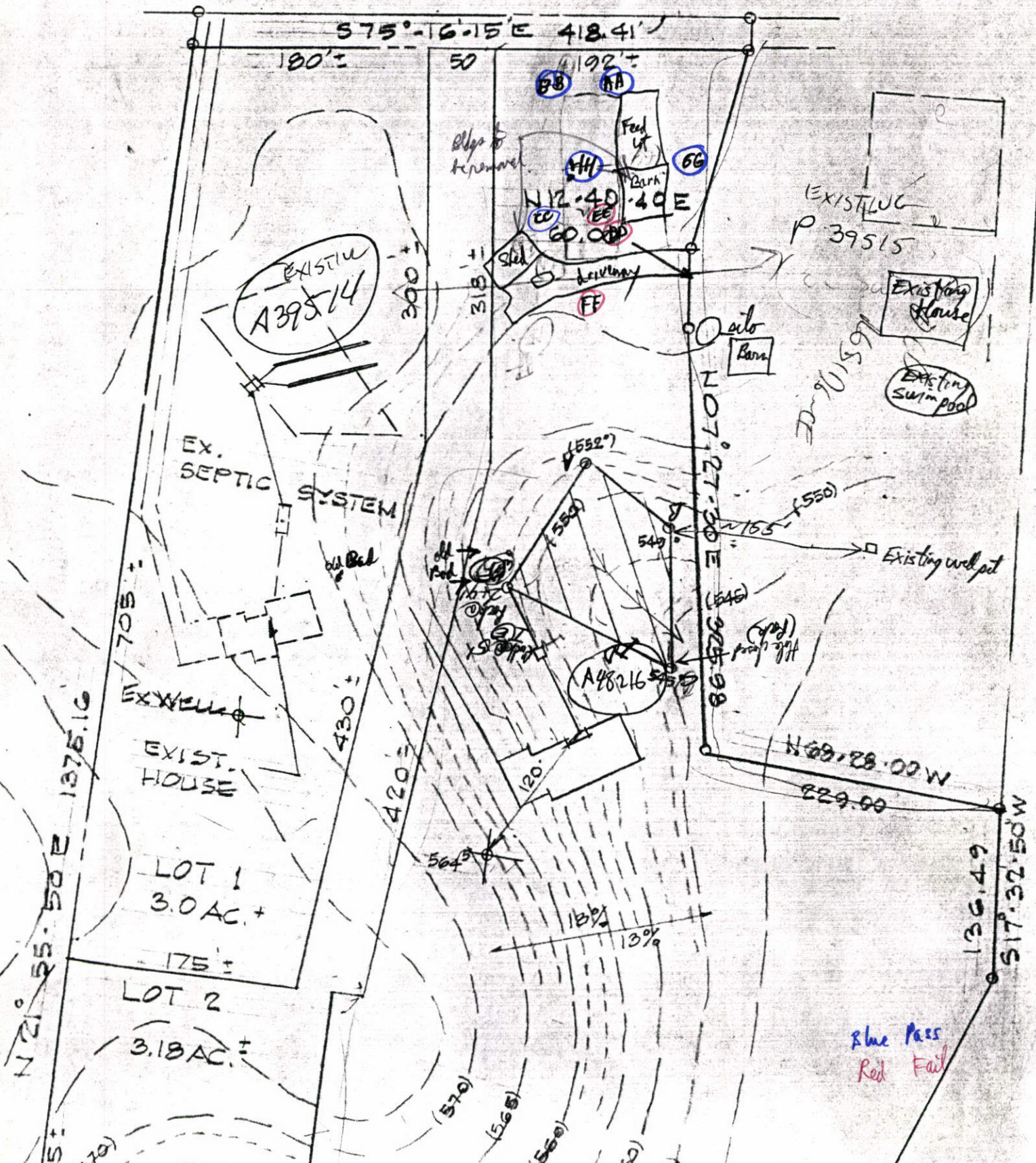
*Jack M. Kaulfuss Property
Lot 2*

LOT 1
PLAT 7040

300
600

26/5/16 JH

OLD ROVER RD.



Blue Pass
Red Fail



HOWARD COUNTY HEALTH DEPARTMENT

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

September 14, 1992

Reply to:

Mr. Jack M. Kaulfuss
13715 Old Rover Road
West Friendship, Maryland 21794

RE: Percolation Test Results
Application Numbers: A48216, A48195
Proposed Use: Subdivision
Property ID: Kaulfuss Property-Lots 2 & 3
13715 Old Rover Road

Dear Mr. Kaulfuss:

Percolation testing conducted September 4, 1992 on the above referenced property indicated limited satisfactory soil conditions. Limiting soil conditions for test application A48216, were slow percolation times at test holes DD & EE and excessive rockiness at shallow depth at hole FF. All locations tested under application A48195 were successful. Copies of the 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 feet of property boundaries have been shown. Reconfigure proposed sewage disposal area to include only locations bounded by the passing test holes.

This plat should be submitted within sixty (60) days to allow field verification if necessary.

If the proposal is for subdivision or for commercial use, a Groundwater Appropriations Permit must be approved prior to any plat approvals.

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits 313-2640 Community Environmental Health 313-2642
Technical Services 313-2644 Director 313-2645 TDD 313-2323


Mr. Kaulfuss
(Continued)

- 2 -

September 14, 1992

If you have any questions regarding this matter, please feel free to contact me at the above address or by calling 313-2640.

Very truly yours,


Ronald J. Pinkley, R. S.
Water and Sewerage Program

RJP:jr

Enclosures

cc: Land Development Consultants, Inc.
File

APPLICATION

PERCOLATION TESTING

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

A REPAIR
P 39515
#3

DISTRICT _____
DATE 6-29-87

INDEXED

DUPLICATE INDEXED AS

SUBDIVIDED AS F 88-120

ALSO ASSOCIATED WITH PROPOSED SUBDIVISION F-93-76

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 Jack & Ann Kaulfuss

ADDRESS 13711 Old Rover Rd., W. Friendship, Md. PHONE 442-2011 *8/24/93 (CW)*

PROSPECTIVE BUYER Deborah & Michael Monaghan

ADDRESS 2506 Pickwick Rd. Baltimore, Md. 21207 PHONE 448-0873

PROPERTY LOCATION:

NO RECORD OF EXISTING SYST.

SUBDIVISION _____ LOT NO. EXISTING HOUSE B

ROAD AND DESCRIPTION 13711 Old Rover Rd., 234 ft. road frontage

TAX MAP X #15 PARCEL # X 172

SIZE OF LOT 3 acres, ~~single family dwelling~~ TYPE BLDG. single family dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)
EXISTING.

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.

Jack M. Kaulfuss
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7-20-87 P.M.C. SATISFACTORY - hold for plat. S.W.

THIS IS NOT A PERMIT

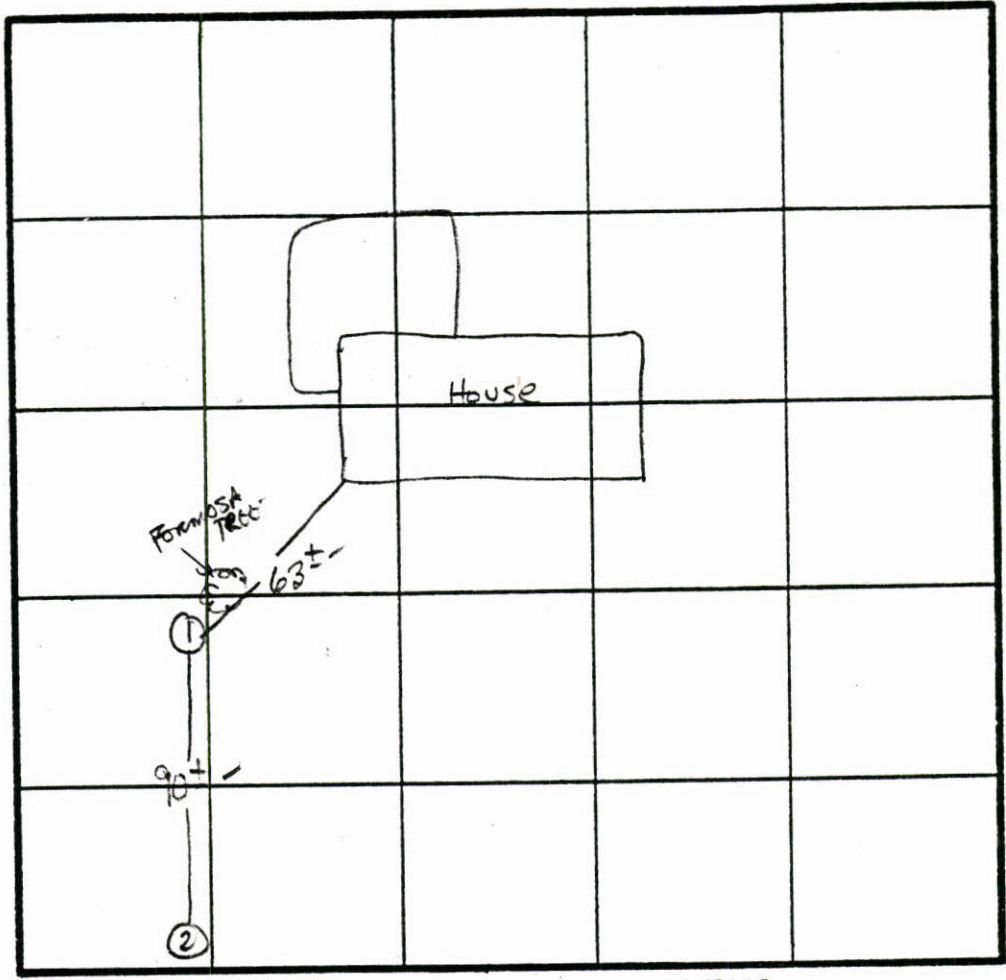
A39515

① ②
SOIL PROFILE

0
3.5' A1-3
Red Brown
Silt Clay
LOAM
10-15%
FRAGS

3.5'
Yellow Bk
SAND LOAM
20-25%
FRAGS

12.5' B5



XPerc 7 min
170 #/BL
INLOT 3.5'
BOTTOM 8.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
OLD ROVER Rd.

July 20 →

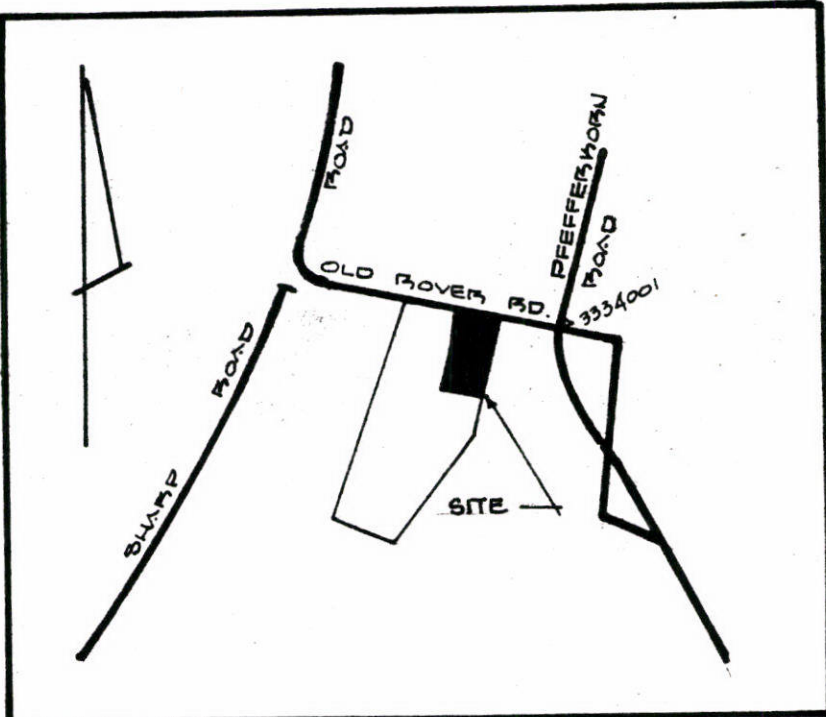
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/20/87	1V	4'- 13'	1:47	1:50	1:50	1:57	7 MIN	
	2V	12.5'	UNIFORM soil below 3.5'					

REMARKS _____

TYPE OF SOIL _____

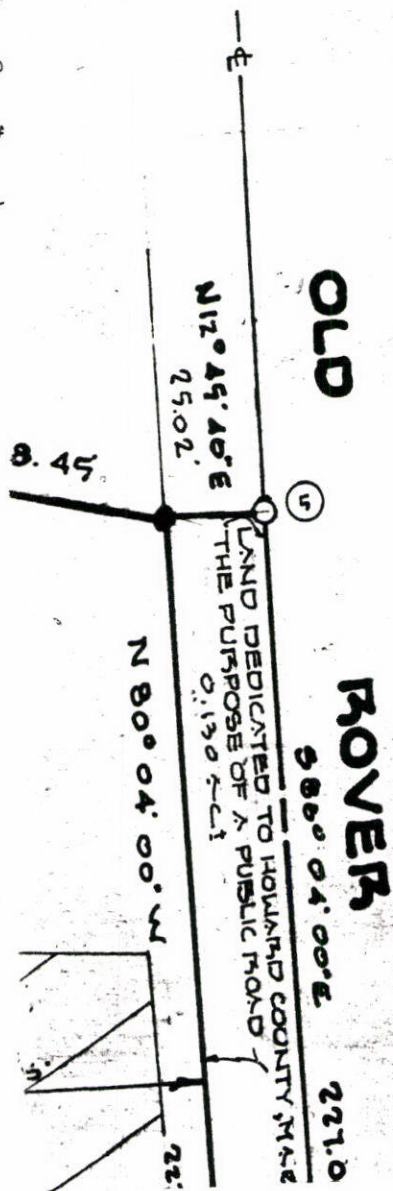
TESTED BY S. Abel ALSO PRESENT Reilly, Skp.

COT
EREI
Y OF
ADD
PECT
A
ROPEI
SUBD
ROF




VICINITY MAP

SCALE: 1" = 1200'



NOTES:

1. SUBJECT PROPERTY ZONED "R" PER 8-2-1985 COMPREHENSIVE ZONING PLAN.
2. SUBJECT TO V.P. 88-11.
3. ● INDICATES IRON REBAR SET.
4. EXISTING STRUCTURE ON LOT 1.
5. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
6.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF MENTAL HEALTH AND HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE 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.

5/19/88 AM

File

CL5 1007 10 707 TO 10056, 01
MANHOLE MAY 106 (65000)

PERMIT

P 42171

SEWAGE DISPOSAL SYSTEM

A 39514

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 3rd

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 7/26/88

DATE SYSTEM APPROVED 8/10/88

INSPECTOR C.B.V.

Jack Kaulfuss IS PERMITTED TO INSTALL ALTER

ADDRESS 13711 Old Rover Road, West Friendship, Maryland 21794 PHONE _____

SUBDIVISION Kaulfuss Property ROAD 13715 Old Rover Road LOT 1

PROPERTY OWNER Jack & Ann Kaulfuss

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO

70+70 ✓ 160
6

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 160 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 4.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 275 feet up the right (1375.16') lot line and 80 feet off the same lot line as seen when facing the lot from Old Rover Road. Run trenches on contour toward the left lot lines.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. dk/cw

* ADJUST TRENCHES TO CONTOUR Do NOT Run them DOWN HILL. cw.

PLANS APPROVED BY Sid Abel DATE 2/16/88

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.

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(IES) 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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

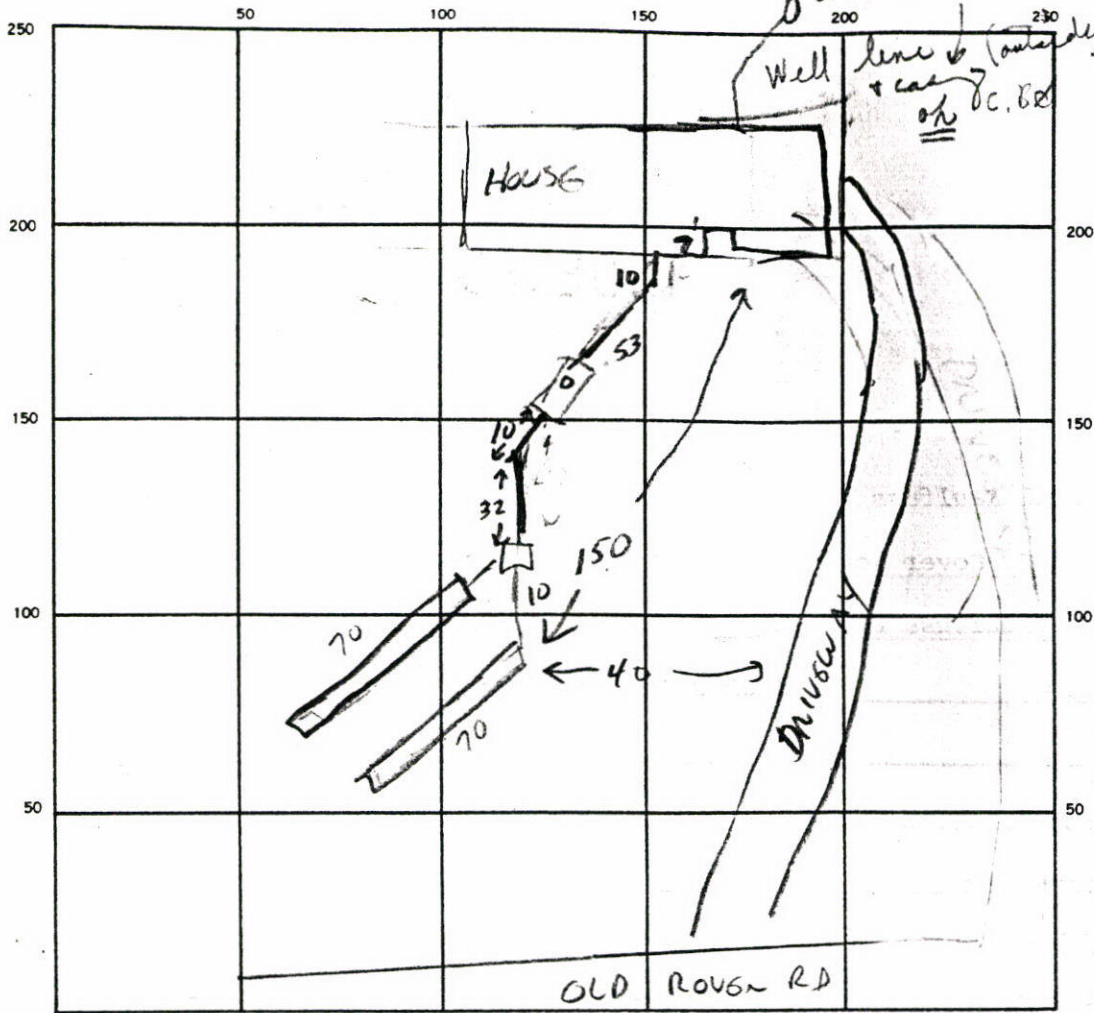
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

BUDG. PERMIT SIGNED
AND RETURNED 11/22/89
Serial # 30531-garage

BUDG. PERMIT SIGNED
AND RETURNED 2/3/89
Serial # 23360 preparation

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK. LEVEL 1250 CLEANOUTS ST ✓
oh 8/10

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 10 FT. TRENCH WIDTH 2 FT. INLET DEPTH 5 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 140 FT.

NUMBER OF TRENCHES 2 (70+70) ONE SIDEWALL/BOTTOM AREA 700 SQ. FT.

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

ABSORBENT AREA 700 SQ. FT.

REMARKS 8/4/88 BOTH TRENCHES & SEWER LINE OK TO COVER

EXISTING GRADE MUST BE CUT TO BELOW TOP OF CLEANOUT FOR FINAL.

8/10/88 Existing grade cut to below top of cleanout in area of septic tank and trenches. Filed

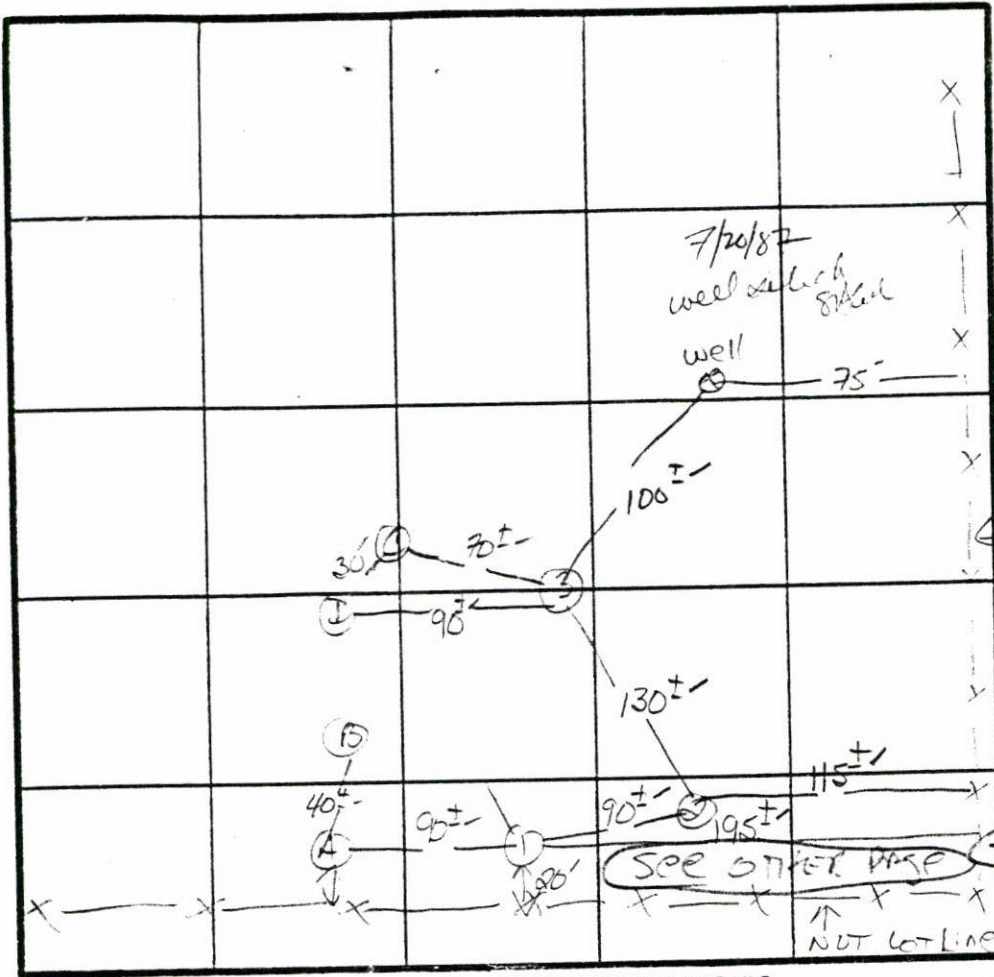
DATE SYSTEM APPROVED 8/10/88 INSPECTOR Charles L. ...

A 39514

HOW

① ②
SOIL PROFILE

0	AP 11x
7"	RED BROWN SILTY CLAY LOAM 10-15% FRAGS
4.0'	RED BR → Yellow BK SILT LOAM 10-20% FRAGS
5.0'	
13'	



X PAR 5 min
160 ABR
INLET 4.5
BOTTOM 8.5
FORCE IS
EXISTING
SIDE LINE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
↓ OLD ROVER Rd. ↓

⑦

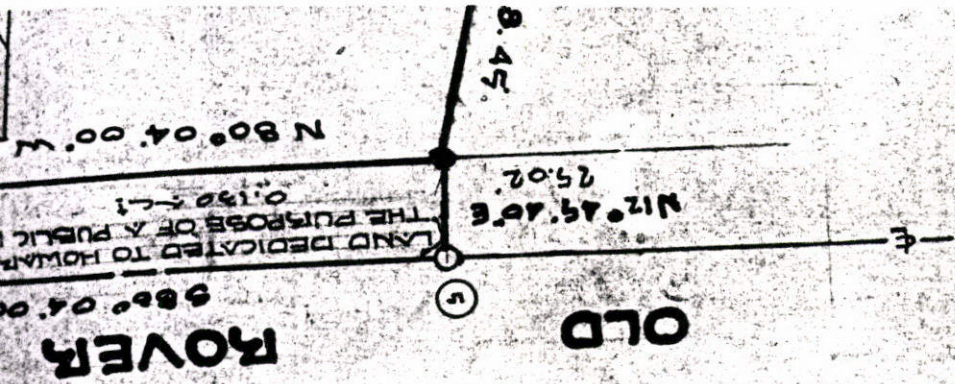
8"	AP 11x
4"	Yellow BK clay LOAM 10-15% FRAGS
4"	BK TO Yellow BR SAND LOAM 30-35% FRAGS
5"	

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/20/82	1 S	5'	12:30	12:32	12:32	12:35	3 MIN
	1 M	8'	12:30	12:31	12:31	12:33	2 MIN
	1 V	13'	UNIFORM soil below 4.0' = 4.5'				
	2 S	5.5'	12:45	12:46	12:46	12:48	2 MIN
	2 V	13'	UNIFORM soil below 5'				
	3 S	5'	12:54	12:57	12:57	1:10	13 MIN
	3 V	9.5'	WATER BOTTOM				
	4 S	4'	1:22	1:24	1:24	1:27	3 MIN
	4 V	12.5'	UNIFORM soil below 4'				
	5 V	13'	Similar to #4				
	A -	CLAY TO 7'			C - ROCK AT 6'		
	B -	CLAY TO 4'			D - ROCK AT 7.5'		

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY S. Abel ALSO PRESENT SKIP, Rocky, OWNER

EH-12-1079

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

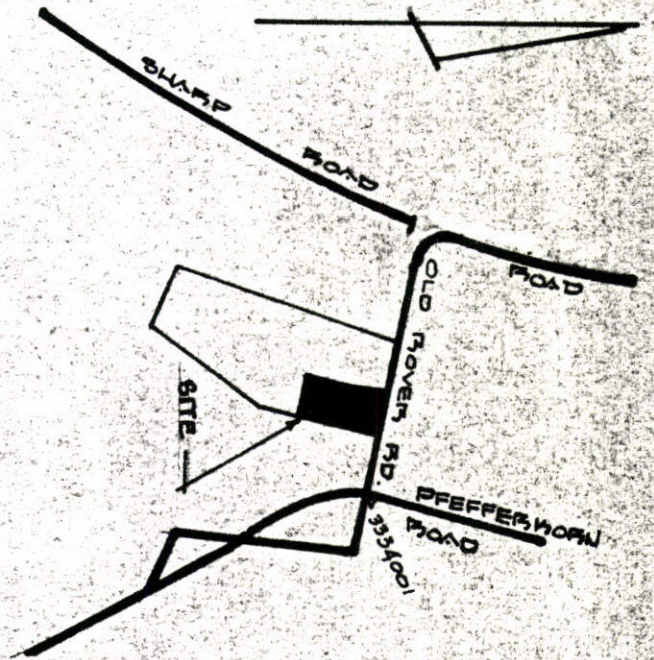


ROVER

OLD

VICINITY MAP

SCALE: 1" = 1200'



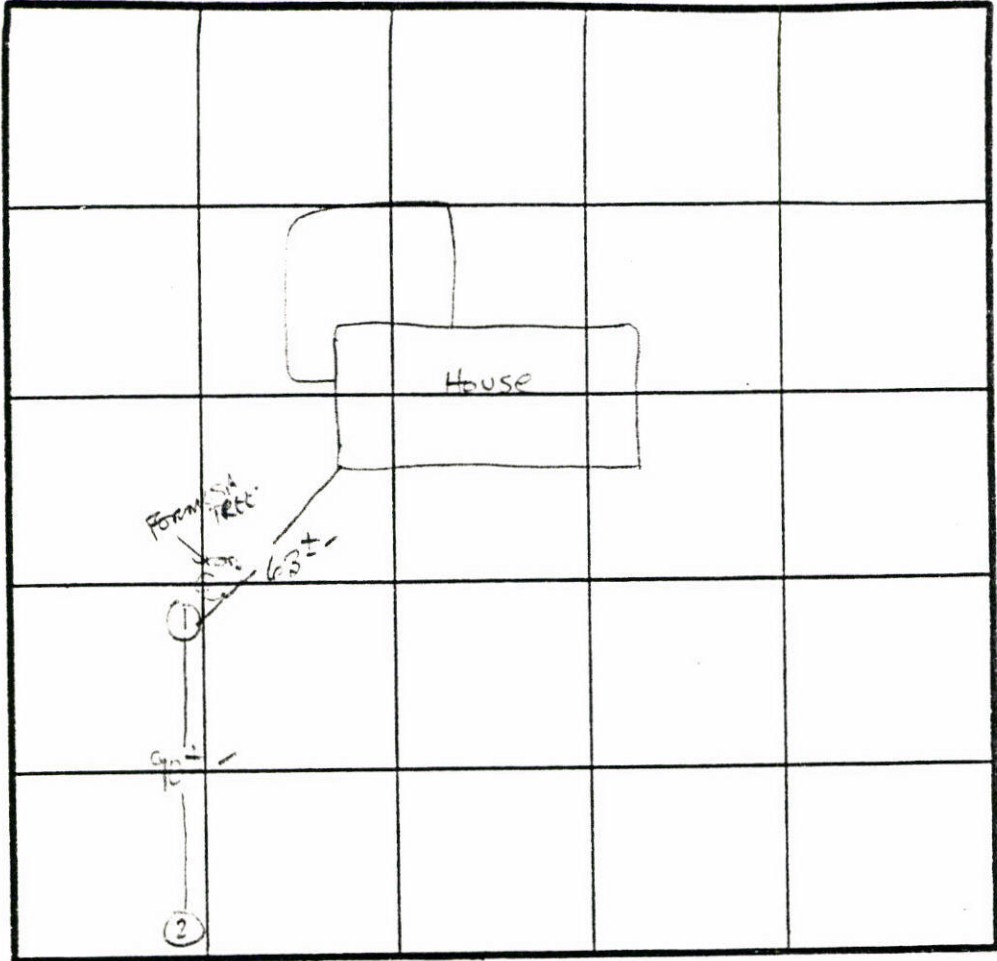
NOTES:

1. SUBJECT PROPERTY ZONED "R" PER 8-2-1985 COMPREHENSIVE ZONING PLAN.
2. SUBJECT TO V.P. 86-11.
3. INDICATES IRON REBAR SET.
4. EXISTING STRUCTURE ON LOT 1.
5. THE LOT SHOWN HEREON COMPLES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
6. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF MENTAL HEALTH AND HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME VOID AND VOID APOIN CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO REVOKE

A39515

① ②
SOIL PROFILE

0	A 1.3
3.5'	Cl. Brown Silt Clay Loam 16-18% moist
3.5'	Yellow Bl. Sand loam 20-25% moist
12.5-13'	



X time 7 min
170 #/BL
Inlet 3.5'
Bottom 6.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
OLD ROCK Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/20/82	15	4- 13'	1147	1150	1150	1157	7 min
	2V	12.5'	uniform soil below		3.5'		

EH-12-1079

REMARKS _____

TYPE OF SOIL _____

TESTED BY: S. J. J. ALSO PRESENT ROCKY, SKIP.

LAND DESIGN ENGINEERING, INC.

PLANNING • ENGINEERING • SURVEYING

93 JUL 13 11:13
July 8, 1993

Mr. Craig Williams, Program Director
Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

re: Kaulfuss Acres, Lot 2
(A-48216)

Dear Mr. Williams:

Please find two (2) red lined prints for the above referenced property. The attached plan proposes a reconfigured sewage disposal area pursuant to Department of Planning and Zoning comments dated June 10, 1993 regarding razing of the existing barns on Lot 2 and Lot 4, and my telephone conversation with Ron Pinkley on July 6, 1993. The property owner wishes to preserve the structures on both lots.

Alternate 1: Proposes maintaining pole barn on Lot 2 using open end (covered) for sewage disposal, the new sewage disposal area approximates 13,500 square feet.

Alternate 2: Proposes split sewage disposal area on Lot 2. Small area east of pole barn approximates 3,000 square feet or at least area sufficient for one system. Remaining area west of barn approximates 7,500 square feet for a total of 10,500 square

OK TO
ALT. 2
SUBMISSION
...CH ...S

550

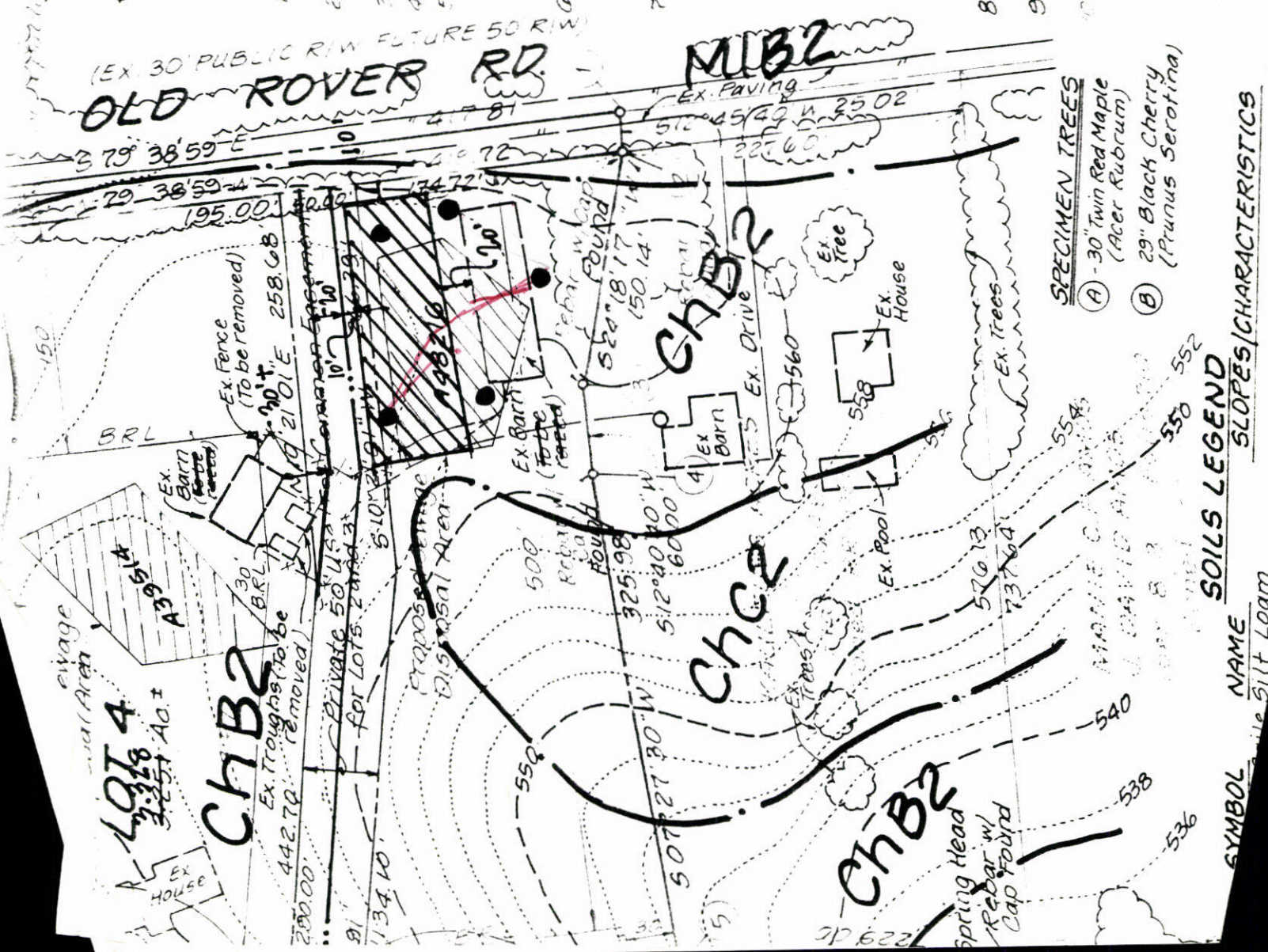
VICINITY MAP

Scale 1" = 2,000

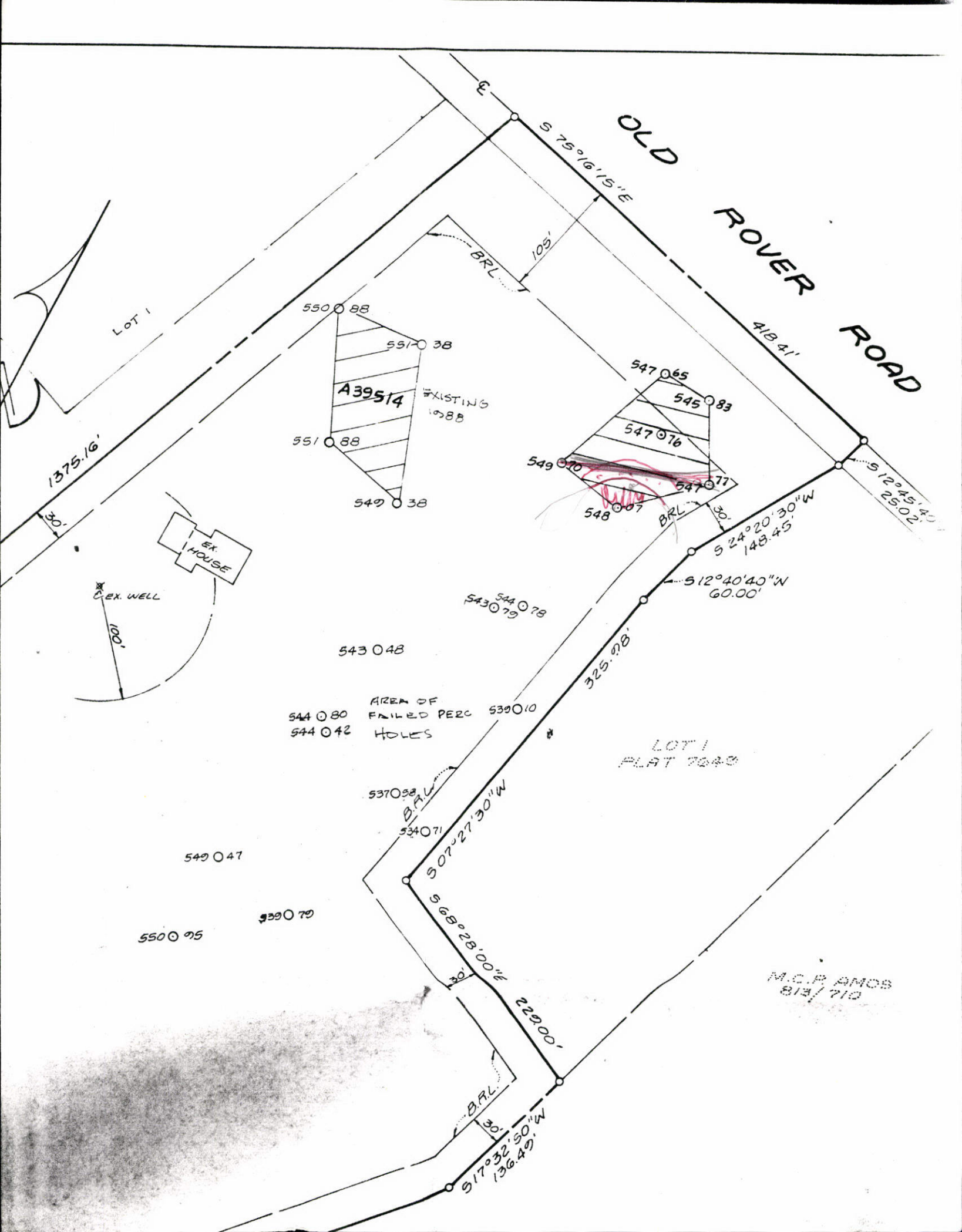
GENERAL NOTES:

- 1 The subject property is zoned RR-DEO per 31A.02 Comprehensive Zoning Plan
- 2 The Coordinates shown hereon are taken on the Maryland State Grid System (MSD27)
- 3 B.R.L. denotes building restriction line
- 4 Deed Reference Liber 1018 Folio 58
- 5 For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and the road right-of-way (line only and not onto the flag or pipestem driveway)
- 6 Covenants governing the use in Common Driveway is recorded in the Howard County Land Records in Liber 1018 Folio 58. The driveway will be privately maintained by Lots 2 and 3.
- 7 Driveways shall be provided prior to residential occupancy to insure safe access for fire and emergency vehicles per the following minimum requirements:
 - a) Width - 12 ft (16 ft serving more than one residence)
 - b) Surface - 6 inches of compact crusher run base with tar and chip coating
 - c) Geometry - Maximum 15% grade Maximum 10% grade change and Minimum of 45ft turning radius
 - d) Structures - Culverts, bridges capable of supporting 25 Gross Tons - H25 Loading
 - e) Drainage Elements - Capable of safely discharging Year Flood with no more than one (1) ft depth over driveway surface
 - f) Structure Clearances - Minimum 12 feet
 - g) Maintenance - Sufficient to insure all weather
- 8 The areas shown on this plat are indicated (1) more or less
- 9 This plat is based on a field-run monumented boundary survey performed on or about Oct 20 1987 by Walter H. H. Development Engineering, Inc.

This area designates a private sewer easement of 10,000 Square Feet as required by the Maryland State Department of the Environment for municipal sewage disposal improvements of any nature. These improvements shall become null and void upon objection to a public sewage system. The County Health Officer shall have the authority to grant various encroachments into the private sewage easement.



SOILS LEGEND	
SYMBOL	NAME
(Symbol)	CHB2
(Symbol)	CHC2
(Symbol)	MIB2
(Symbol)	SLOPES/CHARACTERISTICS
(Symbol)	Le Silt Loam



LAND DESIGN ENGINEERING, INC.

8835 COLUMBIA 100 PARKWAY
 UNIT N
 COLUMBIA, MARYLAND 21045
 (410) 715-1070 (301) 596-3424
 (410) 715-0681 FAX

LETTER OF TRANSMITTAL

DATE: 9/28/93 | JOB NO: 93-102

ATTENTION: RON PINKLEY
 RE: KAUFFUSS ACRES

TO: HOWARD Co. HEALTH DEPT.
 3525 H ELLICOTT MILLS DRIVE
 ELLICOTT CITY, MD. 21042

WE ARE SENDING YOU ATTACHED UNDER SEPARATE COVER VIA _____ THE FOLLOWING ITEMS:

- SHOP DRAWINGS PRINTS COPY OF LETTER SAMPLES SPECIFICATIONS
 CHANGE ORDER PLANS _____

COPIES	DATE	NO.	DESCRIPTION
4		1	PERCOLATION TEST PLAT - Need Copy of Final Plat Not Here Certify Plat.

REASON FOR TRANSMITTAL CHECKED BELOW:

- FOR APPROVAL APPROVED AS SUBMITTED RESUBMIT _____ COPIES FOR APPROVAL
 FOR YOUR USE RETURNED FOR CORRECTIONS SUBMIT _____ COPIES FOR DISTRIBUTION
 AS REQUESTED FOR REVIEW AND COMMENT RETURN _____ CORRECTED PRINTS
 APPROVED AS NOTED FOR WELL PERMIT FOR LOT 3
 FOR BIDS DUE _____ 19 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS

COPY TO: JACK KAUFFUSS

SIGNED: BRUCE D. BURTON

PLEASE NOTIFY US AT ONCE IF ENCLOSURES ARE NOT AS NOTED.



MDE

MARYLAND DEPARTMENT OF THE ENVIRONMENT
2500 Broening Highway • Baltimore, Maryland 21224
(410) 631-3000

Parris N. Glendening
Governor

Jane T. Nishida
Secretary

November 25, 1996

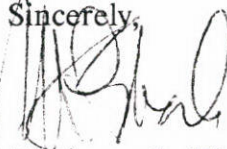
Jack M. Kaulfuss
13715 Old Rover Road
West Friendship, MD 21794

Re: Permit No. HO93G016/01

Dear Permittee:

The Water Management Administration has reviewed the Water Appropriation and Use Permit issued for water usage at a three-lot residential subdivision on the south side of Old Rover Road. Since the subdivision has been recorded and the lots are now recognized as separate parcels, the Administration considers the use of water at these lots to be for individual domestic use only, which is specifically exempt from Maryland regulations requiring a Permit to Appropriate and Use Waters of the State.

This is to notify you that the above referenced permit is no longer needed. The Administration has inactivated the permit and no further action is required on your part. If you have any questions, please call this office at (410) 631-3591.

Sincerely,


Marianna L. Eberle
Public Health Engineer
Water Rights Division

cc: **Howard County Health Department**

RECEIVED
HOWARD CO. HEALTH DEPT.
ENVIRONMENTAL HEALTH
1996 DEC -2 P 3:10

LAND DESIGN ENGINEERING, INC.

3835 COLUMBIA 100 PARKWAY
UNIT N
COLUMBIA, MARYLAND 21045
(410) 715-1070 (301) 596-3424
(410) 715-0681 FAX

LETTER OF TRANSMITTAL

DATE 10/6/93 JOB NO. 93-102

ATTENTION: RON PINKLEY
RE: KAULFUSS ACRES
F 93-76

TO
HOWARD Co. HEALTH DEPT.
3525 H ELLICOTT MILLS DRIVE
ELLICOTT CITY, MD. 21043

WE ARE SENDING YOU ATTACHED UNDER SEPARATE COVER VIA DELIVERY THE FOLLOWING ITEMS:

- SHOP DRAWINGS
- PRINTS
- COPY OF LETTER
- SAMPLES
- SPECIFICATIONS
- CHANGE ORDER
- PLANS

COPIES	DATE	NO.	DESCRIPTION
1		1	PRINT OF APPROVED RECORD PLAT
1		2	DPZ APPROVAL LETTER

REASON FOR TRANSMITTAL CHECKED BELOW:

- FOR APPROVAL
- FOR YOUR USE
- AS REQUESTED
- APPROVED AS NOTED
- FOR BIDS DUE _____ 19 _____
- APPROVED AS SUBMITTED
- RETURNED FOR CORRECTIONS
- FOR REVIEW AND COMMENT
- FOR WELL PERMIT FOR LOTS
- PRINTS RETURNED AFTER LOAN TO US
- RESUBMIT _____ COPIES FOR APPROVAL
- SUBMIT _____ COPIES FOR DISTRIBUTION
- RETURN _____ CORRECTED PRINTS

REMARKS

COPY TO JACK KAULFUSS

SIGNED: BURKE D. BURTON



DEPARTMENT OF PLANNING & ZONING

Joseph W. Rutter, Jr., Director
September 8, 1993

Mr. Jack M. Kaulfuss
13715 Old Rover Road
West Friendship, MD 21794

RE: F-93-76, Kaulfuss Acres, Lots 2-4

Dear Mr. Kaulfuss:

The Department of Planning and Zoning hereby grants **approval** of the Final Subdivision Plans for Kaulfuss Acres consisting of 3 lots on 16.976± acres of land located on Old Rover Road in the Third Election District of Howard County, Maryland, subject to the attached conditions, and the following:

1. Submit two (2) folded prints of the revised Forest Stand Delineation with the final plat originals.
2. Submit two copies of the Deed of Forest Conservation Easement and the cost estimate for Forest Conservation Surety.
3. Payment to *Director of Finance, Howard County* of the following fees and presentation of the pink cash receipt to the Department of Planning and Zoning when you submit the original plats for signature approval. **Bring this letter and fees to the cashier's office to obtain receipts.**

■ Storm Drainage Construction, Section 16.133 Account #Cr-814-003-7152	Fee \$ 150.00
■ Open Space Land Acquisition, Section 16.121 Account #Cr-813-003-7156	Fee \$ 3,000.00
■ Distribution copies of approved plan or plat: Original Plat (<u>per sheet</u>)	Fee \$ 19.80
■ Department of Public Works, Engineering Review Fee for plat (per lot) Account #R-011-009-4205	Fee \$ 150.00

4. A check made payable to the *Clerk of the Court* for the cost for recording plats.

■ Recording fee for plat (<u>per sheet</u>)	Fee \$ 5.00
---	-------------

September 8, 1993

RE: F-93-76, Kaulfuss Acres, Lots 2-4

Page Two

5. Submission of two accurate 1"=600' scale reductions of the subdivision plat indicating lots/parcels with lot numbers/parcel letters and rights-of-way.
6. Submission of the final plat original for signature and recordation within **180 days (by March 2, 1994)**, or approval will be considered withdrawn and void per Section 16.144(p) of the Howard County Subdivision Regulations.
7. The Department of Planning and Zoning hereby grants **tentative allocations for two (2) housing units** in this subdivision for the year 1996. This subdivision is located in the West School Region and the Bushy Park Elementary School District. These tentative allocations will remain valid provided you continue to meet all required processing deadlines. Tentative allocations will become permanent upon recordation of the final subdivision plat. Although the allocations are assigned to a specific year, once the final plats have been recorded you may apply for building permits at any time.

Compliance with all conditions and/or corrections is required before the original plan or plat will be accepted for signature approval. Please contact Ms. Carol Stirn of the Department of Planning and Zoning at 313-2354 to schedule an appointment to submit originals for signature. **Please bring this letter with you as it will serve as the checklist for final plat original submission.**

When recorded, the signed original plat will be retained on file in the Department of Planning and Zoning.

If you have any questions, please contact Cindy DelZoppo at 313-2354.

Sincerely,



Gina Tirinnanzi, Chief
Division of Land Development and Research

GT/CD/ab/F9376.ltr

Enclosure

cc: Data Management
Department of Public Works
Department of Environmental Health
Land Design Engineering, Inc.

T.F. #9 (revised 9/93)

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Division of Land Development and Research

DATE: Nov. 23, 1993

P&Z File No. F-93-76

Department of Planning and Zoning

- Transportation Planning
- Comprehensive Planning and Zoning Administration
- ~~Research/Agricultural and Historic Preservation~~
- Address Coordinator
- File

Agencies

- | | |
|--|--|
| <input type="checkbox"/> Bureau of Engineering, DPW | <input type="checkbox"/> Tax Assessment |
| <input type="checkbox"/> Soil Conservation District | <input type="checkbox"/> C & P |
| <input type="checkbox"/> Department of Inspections, Licenses and Permits | <input type="checkbox"/> B G & E |
| <input type="checkbox"/> Department of Fire and Rescue Services | <input type="checkbox"/> Department of Natural Resources |
| <input type="checkbox"/> State Highway Administration | <input type="checkbox"/> Cable TV |
| <input checked="" type="checkbox"/> Bureau of Environmental Health | <input type="checkbox"/> Police |
| <input type="checkbox"/> Public School System | <input type="checkbox"/> MTA |
| <input checked="" type="checkbox"/> Recreation and Parks | <input checked="" type="checkbox"/> Finance |

*Carroll Bldg ①
Howard Bldg ③*

RE: Kaulfuss Acres, Section 2, Lots 1, 3 and 4

ENCLOSED FOR YOUR: Signature Approval Review and Comments Files

THE ENCLOSED: Original

<u>Plans</u>	<u>No. of Sheets</u>	<u>Supplemental Documents</u>
<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	<u>1</u>	<input type="checkbox"/> Declaration of Intent
<input type="checkbox"/> Final Constr Plans (RDS)	<input type="checkbox"/>	<input type="checkbox"/> Prel/Final Drainage and/or
<input type="checkbox"/> Final Development Plan	<input type="checkbox"/>	<input type="checkbox"/> Computation/Pond Safety Comps
<input type="checkbox"/> Site Development Plan	<input type="checkbox"/>	<input type="checkbox"/> Preliminary Road Profiles
<input type="checkbox"/> Waiver Petition	<input type="checkbox"/>	<input type="checkbox"/> APFO Roads Test/Mitigation Plan
<input type="checkbox"/> Planning Board Applic	<input type="checkbox"/>	<input type="checkbox"/> Traffic Study/Noise Study
<input type="checkbox"/> ASDP/CSDP Application	<input type="checkbox"/>	<input type="checkbox"/> Sight Distance Analysis
<input type="checkbox"/> Landscaping Plan	<input type="checkbox"/>	<input type="checkbox"/> Floodplain Study
<input type="checkbox"/> Grading Plan	<input type="checkbox"/>	<input type="checkbox"/> Stormwater Management
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Industrial Waste Survey
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Road Poster Form Letter

WAS: Received Tentatively Approved Recorded
 Received and Revised Approved On 11-19-93

COMMENTS: _____ SRC COMMENTS DUE BY: _____

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

LAND DESIGN ENGINEERING, INC.

PLANNING • ENGINEERING • SURVEYING

June 30, 1993

Mr. Craig Williams, Program Director
Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

re: Kaulfuss Acres, Lot 2
(A 48216)

Dear Mr. Williams:

Please find one (1) set of red lined plans for the above referenced property. The attached plan proposes a reconfigured sewage disposal area pursuant to Department of Planning and Zoning comments dated June 10, 1993 regarding razing of the existing barns on Lot 2 and Lot 4. The property owner wishes to preserve the structures on both lots. The new sewage disposal area approximates a 10,200 square foot area. Previous locations of percolation testing have been shown on the marked plan. (Please note, adjusted locations of percolation tests due to field survey error.) If the above changes are acceptable, Land Design Engineering, Inc. will revise the percolation test plat for your files.

Should you have any questions, please contact our office.

Very truly yours,

LAND DESIGN ENGINEERING, INC.

Bruce D. Burton

Bruce D. Burton, P.E.
Project Manager

BDB:dmm

cc: Jack Kaulfuss

Surface Water Groundwater New Application Change in Existing Permit

Number _____

APPLICATION

JACK M. KAULFUSS (Owner's Name) (410) 442-3011 (Telephone Number)
13715 OLD ROVER ROAD WEST FRIENDSHIP MD. 21794
(Owner's Address) (Street) (Town) (State) (Zip Code)

WITHDRAWAL

GROUNDWATER 214 GPD/LOT

Appropriate and use a yearly average of 450 gallons per day, and 750 gallons for the average day of the maximum month, from 2 well(s) having a diameter of 6 inches, and a depth of 700 ft.

SURFACE WATER

Appropriate and use a yearly average of _____ gallons per day, and a maximum use of _____ gallons in any one day, from: _____ (name of stream) _____ (exact location of withdrawal)

PROJECT LOCATION

SOUTH SIDE OF OLD ROVER ROAD 900'± WEST OF PFEFFERKORN ROAD (Location - be specific)

County HOWARD Subdivision or town WESTFRIENDSHIP Phone number (410) 442-3011

Name and type of business TWO (2) PROPOSED SINGLE FAMILY DETACHED DWELLINGS/LOTS 2 & 3

ALL APPLICATIONS MUST INCLUDE A COPY OF LOCATION MAP SHOWING THE PROJECT SITE

PURPOSE

- Community Water Supply
- Non-Potable supply (sanitary uses, not for drinking water)
- Potable Supply (drinking water, etc.)
- Cooling Water
- Irrigation
- Process Water
- Other _____ (explain)

WASTEWATER TREATMENT AND DISPOSAL

- Public Sewer _____ (name of system)
- Groundwater
- Subsurface (tilefield, seepage pit, etc.)
- Spray Irrigation
- Other, explain _____
- Surface Water _____ (name of stream)
- Discharge Permit # _____ or applied for _____

SIGNATURE

Please sign here BRUCE D. BURTON PE (signature)
BRUCE D. BURTON PE (OWNERS AGENT) 9/15/93 (please print name, title, and date here)

THIS APPLICATION WILL NOT BE PROCESSED WITHOUT A SIGNATURE AND A LOCATION MAP

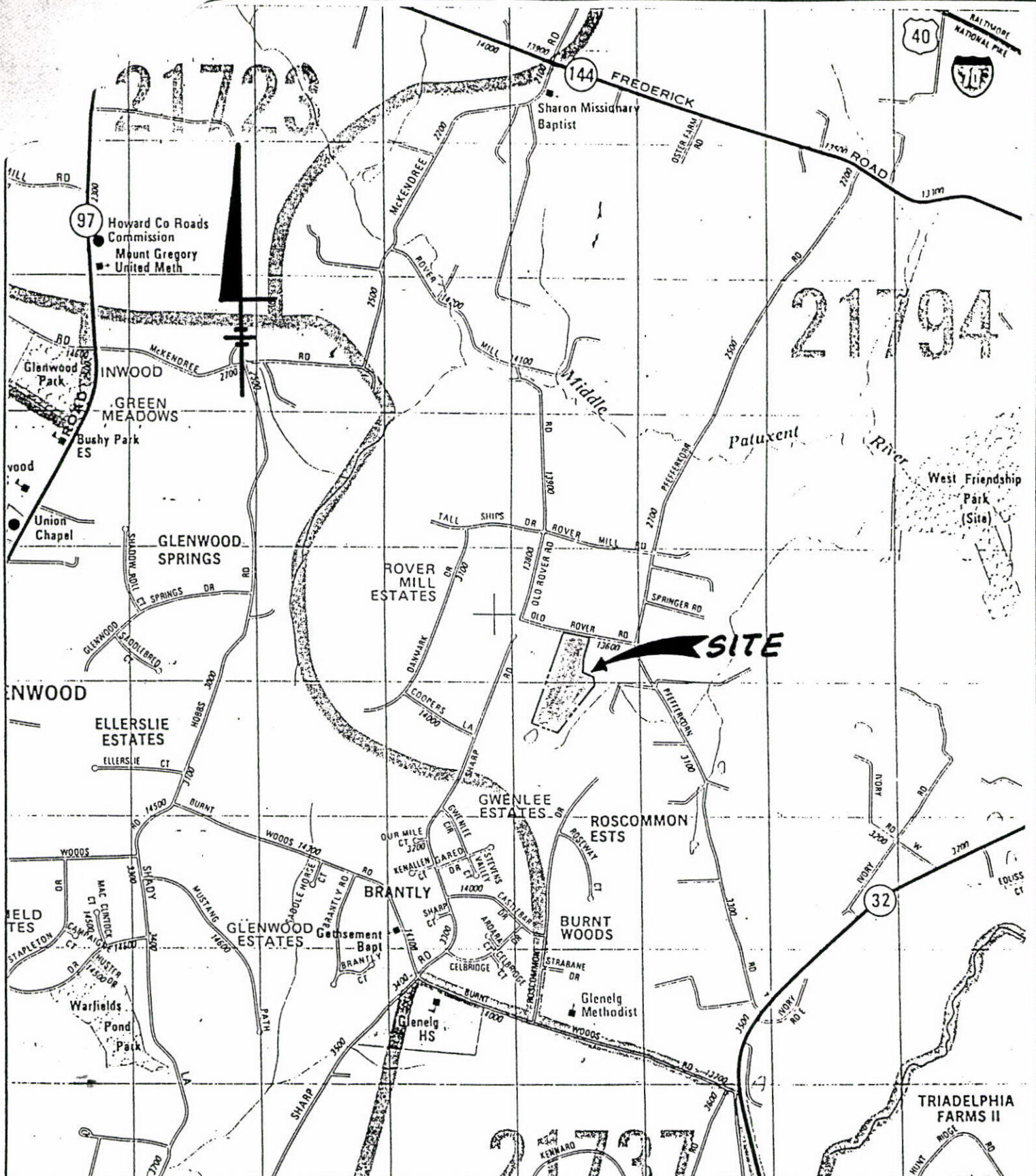
REVIEW BY COUNTY HEALTH DEPARTMENT OR DESIGNATED AGENCY

THIS SECTION NOT TO BE COMPLETED BY APPLICANT

Is this Project consistent with the County Water and Sewerage Plan and local planning and zoning?

YES NO, explain _____

Signature of county representative Ronald Smith (signature) Ronald Smith, Howard G.H.D. Bureau of Engineering (title) 10/20/93 (date)



LAND DESIGN ENGINEERING, INC.

Title: LOCATION MAP 'KAULFUSS ACRES' Section Two		
Date: April, 1993	Drawn: LDE	ADC9 Grid G-5
Scale: 1" = 2,000'	LDE Job No.: 93-102	Sheet: Figure 1

10820 Gullford Road • Suite 210
Jessup • Maryland 20784

(301)804-8284
(301)880-0034

LAND DESIGN ENGINEERING, INC.

PLANNING • ENGINEERING • SURVEYING

September 21, 1993

FOR (CW)
Mr. Craig Williams, Program Director
Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

re: Kaulfuss Acres, Lots 2 and 3

Dear Mr. Williams:

Please find a completed Ground Water Appropriation Permit Application and Location Map for the above referenced subdivision.

Should you have any questions regarding the processing of the application, please contact our office.

Very truly yours,

LAND DESIGN ENGINEERING, INC.

Bruce D. Burton

Bruce D. Burton, P.E.
Project Manager

BDB:dmm

Enc.

cc: Jack Kaulfuss

R61 LOT 2

OK TO THIS 5' COORDINATION TO ACCOMMODATE DRYWELL

① MINIMUM 56" TO 1" OF BARN

② MUST SPECIFY EASTMENT NOT SEPTIC DRAINAGE

③ OK FOR SEPTIC

④ PUMPED SEPTIC SYSTEM SPECIFIED

⑤

NEAR DRAINAGE SUPPLY R61 W/AB TO BARN

MAP

7/12/93
C.W. [Signature]

GENERAL NOTES:

COMPACT AREA OF BARN

GENERAL NOTES:
1. THE SEPTIC SYSTEM IS TO BE INSTALLED IN ACCORDANCE WITH THE CITY OF BOSTON SEPTIC SYSTEM REGULATIONS.
2. THE SEPTIC SYSTEM IS TO BE INSTALLED IN ACCORDANCE WITH THE CITY OF BOSTON SEPTIC SYSTEM REGULATIONS.
3. THE SEPTIC SYSTEM IS TO BE INSTALLED IN ACCORDANCE WITH THE CITY OF BOSTON SEPTIC SYSTEM REGULATIONS.
4. THE SEPTIC SYSTEM IS TO BE INSTALLED IN ACCORDANCE WITH THE CITY OF BOSTON SEPTIC SYSTEM REGULATIONS.
5. THE SEPTIC SYSTEM IS TO BE INSTALLED IN ACCORDANCE WITH THE CITY OF BOSTON SEPTIC SYSTEM REGULATIONS.

