

APPLICATION

INDEXED
PERCOLATION TESTING

03-285472

A 56382-E

P _____

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

REPAIR -
FARM LAND
EXISTING HOUSE
WILL PERMIT
HO-92-0349

DISTRICT _____

DATE 12-19-95

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 Robert H. Kittleman

ADDRESS 3104 Fox Valley Drive PHONE (410) 531-3694

West Friendship, MD 21794

AGENT OR PROSPECTIVE BUYER Allan Kittleman

ADDRESS 13330 Hunt Ridge, Ellicott City, MD PHONE (301) 859-2512

21042

PROPERTY LOCATION: Friendship Farm

SUBDIVISION 3104 Fox Valley Drive, W. Friendship LOT NO. _____

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

E

SIZE OF LOT 1 Acre TYPE BLDG. Single Family Dwelling
(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.

Allan Kittleman
(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

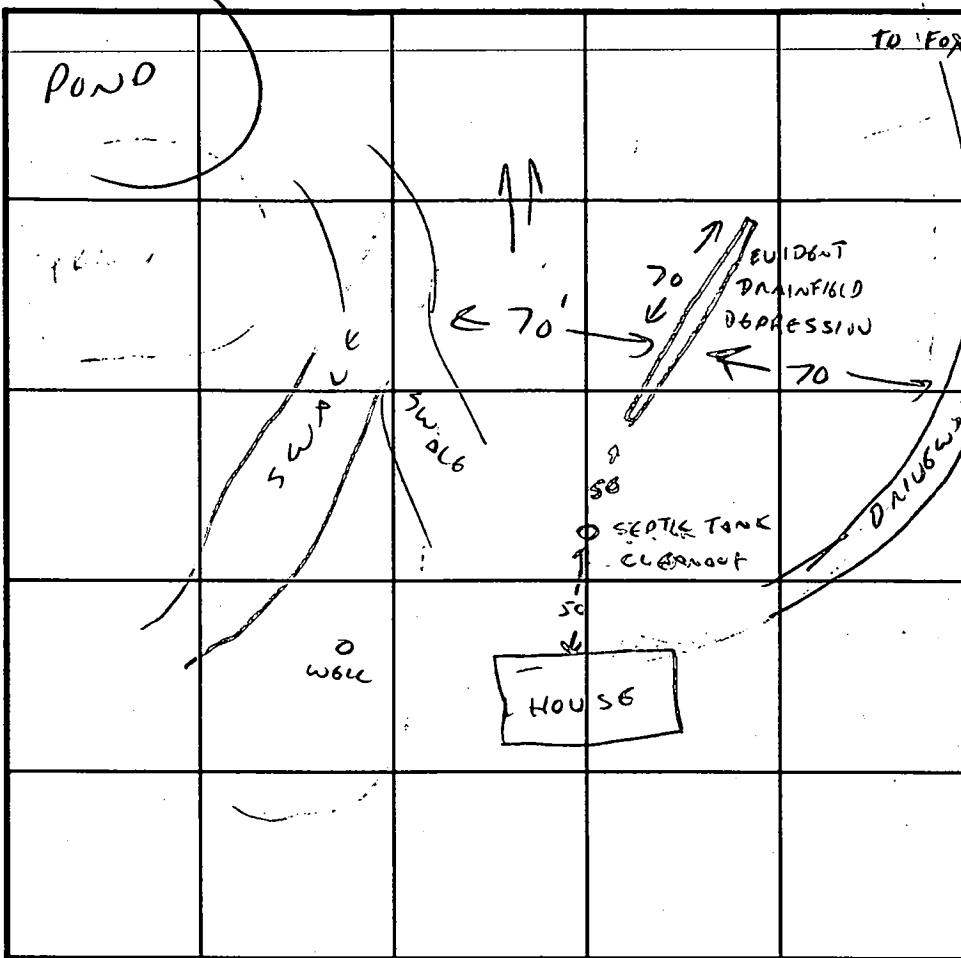
A 56382E

A 56382-E

COUNTY #1

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	
12/28/95	TESTING REQUIRED						
	SITE SLOPED,	CONDITIONS	ICY - BACKHOE UNABLE TO SET UP SAFELY				
			LANDSCAPE POSITION SUITABLE 50' TO EITHER SIDE				
			OF EXISTING DISPOSAL TRENCH				
			OWNERS REPORTS A 12' TRENCH DEPTH WITH NO NOTICEABLE ROCK,				
			CONDITIONS CONSISTENT WITH OTHER TESTS RUN TODAY,				
			I.E. 14 SUCCESSFUL TEST HOLS WITHOUT ANY DIFFICULTY				
			(ROCK OUTCROPS EVIDENT IN SWALES, BUT NO ROCK ENCOUNTERED)				
			AT "PLATEAU" POSITIONS DURING TESTING ELSEWHERE				

REMARKS NEED TOPOGRAPHY TO MAKE PROPER DETERMINATION BASED ON LANDSCAPE POSITION ONLY!

TYPE OF SOIL _____

TESTED BY C. Willson ALSO PRESENT KITTLERMAN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME N/A - EXISTING TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

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

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21042

PROPERTY LOCATION: Friendship Farm

SUBDIVISION 3104 Fox Valley Drive, W. Friendship LOT NO. Existing House

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT 1 Acre TYPE BLDG. Single Family Dwelling
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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

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THIS IS NOT A PERMIT

A56382B

COUNTY #

SOIL PROFILE
0' 3B, 5, 4, 1, 2

Red Orange
CL
Fr
4'
Red Orange
→ Red Brn / Tan
L-SL
13'

3C

Red Brn
hSL
2-3'

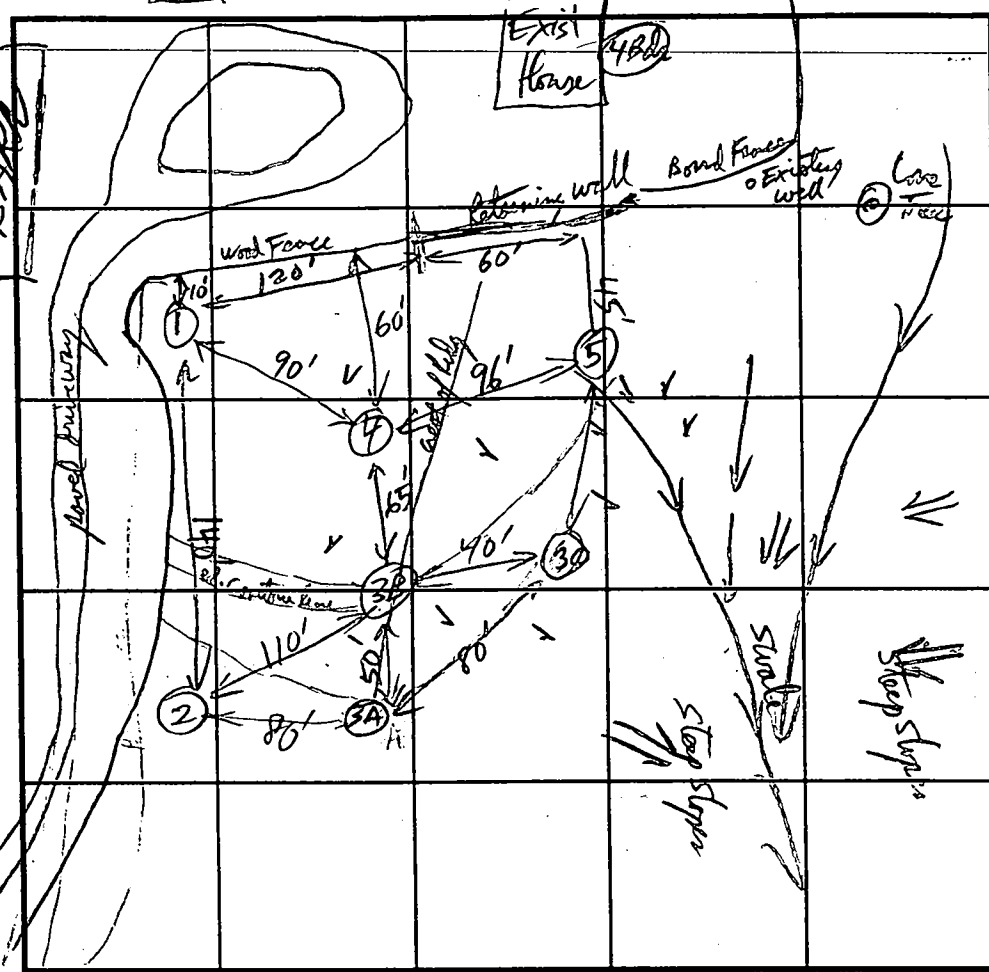
yellow
-Tan

SL

Rock Fraggs
Refusal
→ Hard
Schist
stones

[Empty box for notes]

Wood
Green [] Shed



SOIL PROFILE

0' [Empty box for soil profile]

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/10/99	1	√ 13' 4'	11:38:00	11:39:20	11:39:20	11:41:30	2 min	
	4	√ 12' 4'	11:48:00	11:54:30	11:54:30	12:12:00	18 min	
	5	√ 11 1/2' 4'	11:53:00	11:56:20	11:56:20	12:01:00	4 1/2 min	
	3B	√ 12' 5' 4'	12:22:00 12:04:30	12:24:00	12:24:00	12:28:30	4 1/2 min	
	3A	√ 4'	Rock Refusal at 4ft					Fail
	3C	√ 8'	Rock Refusal @ 8ft, OK perc below 3ft (visual only)					Not usable due to topography
	2	√ 12' 4'	12:31:00	12:36:00	12:36:00	12:40:50	4 1/2 min	

REMARKS OK except when rock too close to surface (3A & 3C)

TYPE OF SOIL Chester

TESTED BY [Signature] ALSO PRESENT Bill Barnes, John [Signature]

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME Papi TRENCH WIDTH 3

INLET DEPTH 4' MAXIMUM BOTTOM DEPTH 6' SQ. FT./BEDROOM 180

6/16/93 A~

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 _____ Receipt # _____
Replacement _____ Date _____

Name of Installer EASTGARDY Well Pump Telephone _____

License Number _____
Certified Well Pump Installer _____ Well Driller Registered Plumber _____

Name of Property Owner KITTLERMAN Telephone _____
Subdivision _____ Lot # _____ Well Tag # HD-92-0439
Site Address 3105 W. Ivory Rd

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower _____	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible _____	a. 110 _____	
2. Make _____	b. 220 _____	
3. Model # _____		
4. Capacity _____ 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 _____		

Tank	Piping	Well data
1. Capacity _____	1. Type _____	1. Depth _____ ft.
2. Pressure relief valve? _____	2. Size _____	2. Yield _____ GPM
<i>Pitless adapter OK @ 3 1/2 ft</i>	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
<i>R/P 6/16/93</i>	4. Depth of supply line _____	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.

Per plumber existing well adjacent existing house
It will be abandoned + sealed since New Bldg addn will go over old well site. R/P 6/16/93
Signature of Applicant: _____ Date: _____

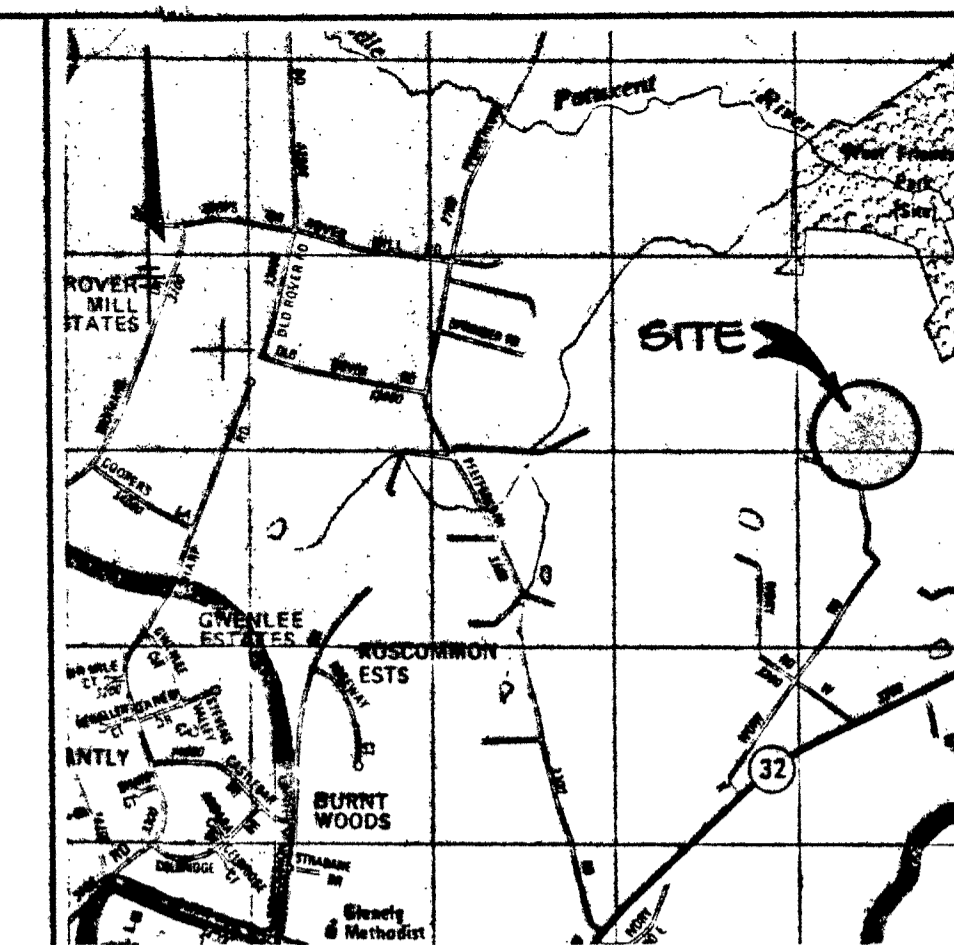
Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

SOILS

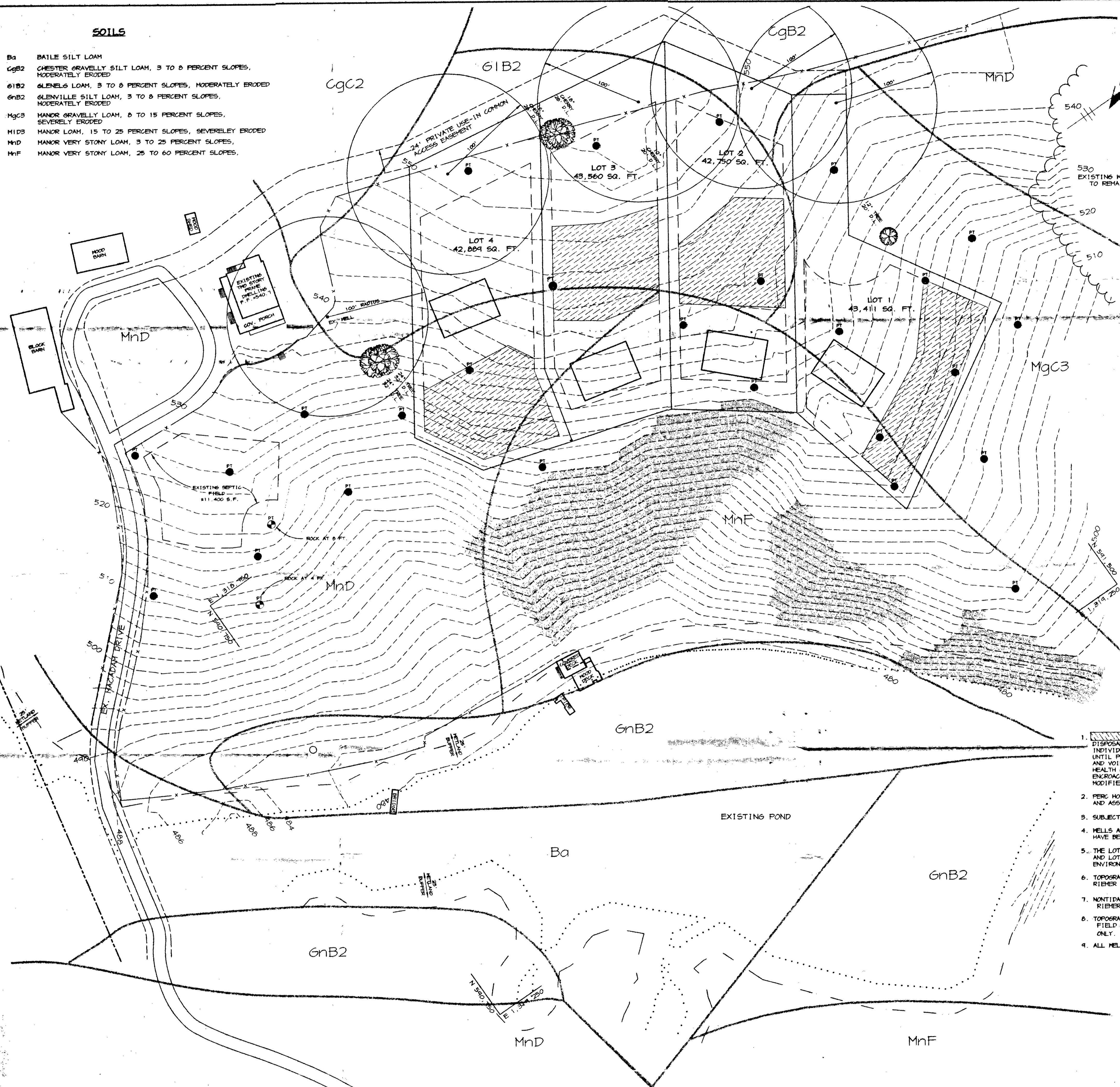
- Ba BAILE SILT LOAM
- CgB2 CHESTER GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- G1B2 GLENELG LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- GnB2 GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
- MgC3 MANOR GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES, SEVERELY ERODED
- M1D3 MANOR LOAM, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED
- MnD MANOR VERY STONY LOAM, 3 TO 25 PERCENT SLOPES, MODERATELY ERODED
- MnF MANOR VERY STONY LOAM, 25 TO 60 PERCENT SLOPES, MODERATELY ERODED

LEGEND

- PERC TEST PASSED
- PERC TEST FAILED
- PROPOSED WELL
- EXISTING TREELINE
- - - NONTIDAL WETLANDS & 25' BUFFER
- EXISTING FENCELINE
- ▭ PROPOSED SEPTIC FIELD
- - - BUILDING RESTRICTION LINE
- ▨ 25% SLOPE OR GREATER



VICINITY MAP
SCALE: 1" = 2000'



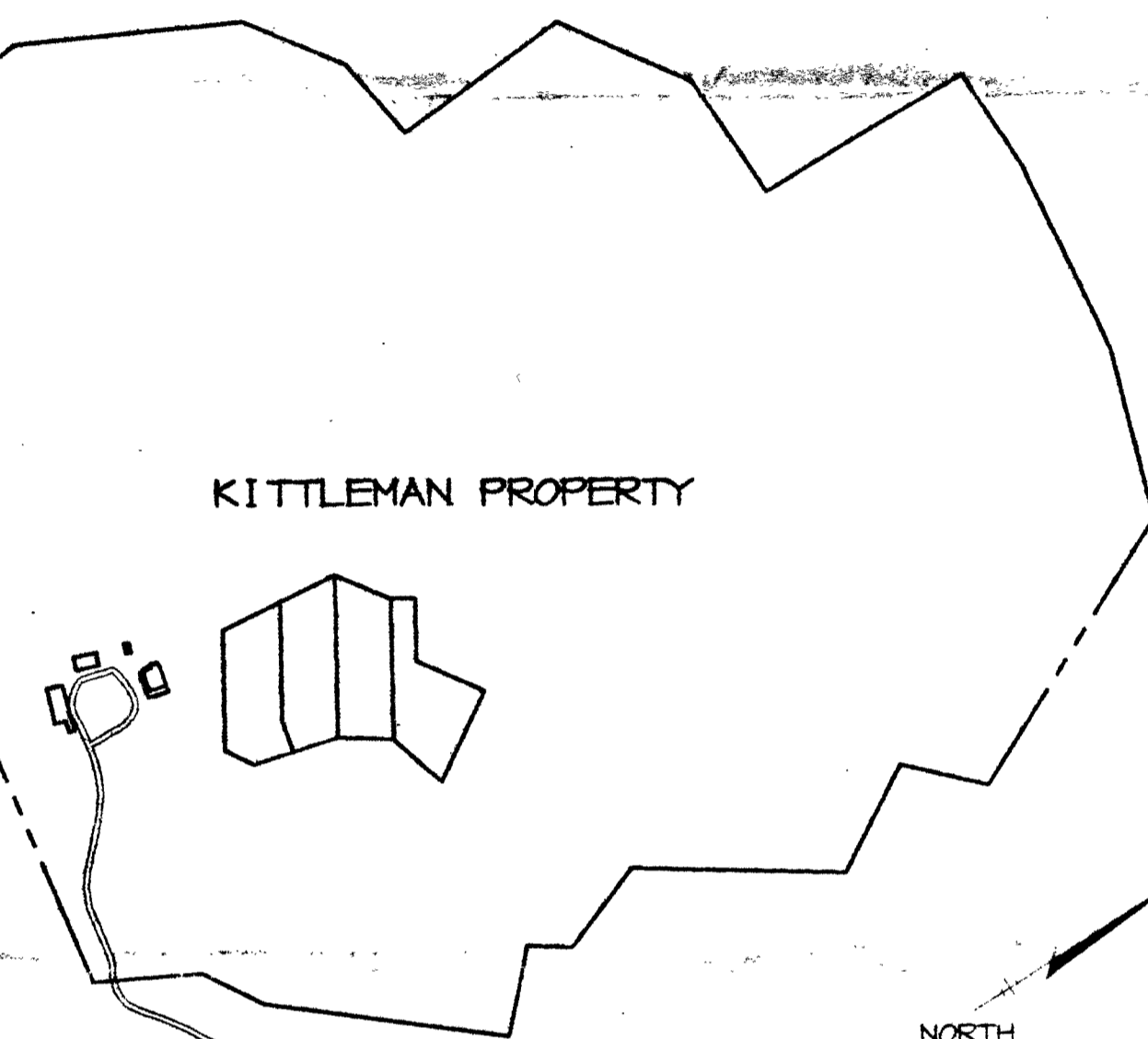
GENERAL NOTES

1. THIS AREA DESIGNATES A MINIMUM 10,000 SQ. FT. PRIVATE SEWAGE DISPOSAL EASEMENT AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
2. PERC HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED BY RIEMER MUEGGE & ASSOCIATES, INC. JUNE 1997.
3. SUBJECT PROPERTY IS ZONED 'RC'.
4. WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY BOUNDARY HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE AND INFORMATION.
5. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
6. TOPOGRAPHY SHOWN HEREON HAS BEEN FIELD SURVEYED BY RIEMER MUEGGE & ASSOCIATES, INC. DATE OF SURVEY, JUNE 1996.
7. NONTIDAL WETLAND FIELD DELINEATED BY RIEMER MUEGGE & ASSOCIATES, INC.
8. TOPOGRAPHY, WETLANDS AND EXISTING SITE INFO. FIELD LOCATED IN PROPOSED AREA OF DEVELOPMENT ONLY.
9. ALL WELLS TO BE DRILLED PRIOR TO FINAL PLAT RECORDATION.

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

James M. Doolittle, III
HOWARD COUNTY HEALTH OFFICER
DATE: 6-9-98

DATE



OVERALL SITE MAP
1" = 400'

DATE	NO.	REVISION
OWNER / DEVELOPER		
MR. & MRS. ROBERT H. KITTLEMAN 3104 FOX VALLEY DRIVE WEST FRIENDSHIP, MARYLAND 21144		
PROJECT KITTLEMAN PROPERTY LOTS 1-4		
AREA TAX MAP NO. 15 PARCEL 117 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE - Signed - PERCOLATION CERTIFICATION PLAN		
RIEMER MUEGGE & ASSOCIATES, INC. ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8818 Centre Park Drive, Columbia, Maryland 21045 tel 410.997.8900 fax 410.997.9282		

DATE	DESIGNED BY
	JH
	JH
	PROJECT NO.: 96033\ LOT4PERK.DWG
	DATE: APRIL 23, 1998
	SCALE: 1" = 50'
	DRAWING NO. 1 OF 1



ARTHUR E. MUEGGE #10751