



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

A/P 519693

AGENCY REVIEW: _____

DATE 12/9/03

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH UNKNOWN PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Potomac Electric Power Co.

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 701 Ninth St. N.W. Washington D.C. 20068
STREET CITY/TOWN STATE ZIP

APPLICANT Altieri Homes

DAYTIME PHONE 410-715-4500 CELL _____ FAX 410-740-5809

MAILING ADDRESS 9017 Red Branch Road Suite 201 Columbia MD 21045
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Lime Kiln Valley LOT NO. 36

PROPERTY ADDRESS Lime kiln Road Highland 20777
STREET TOWN/POST OFFICE

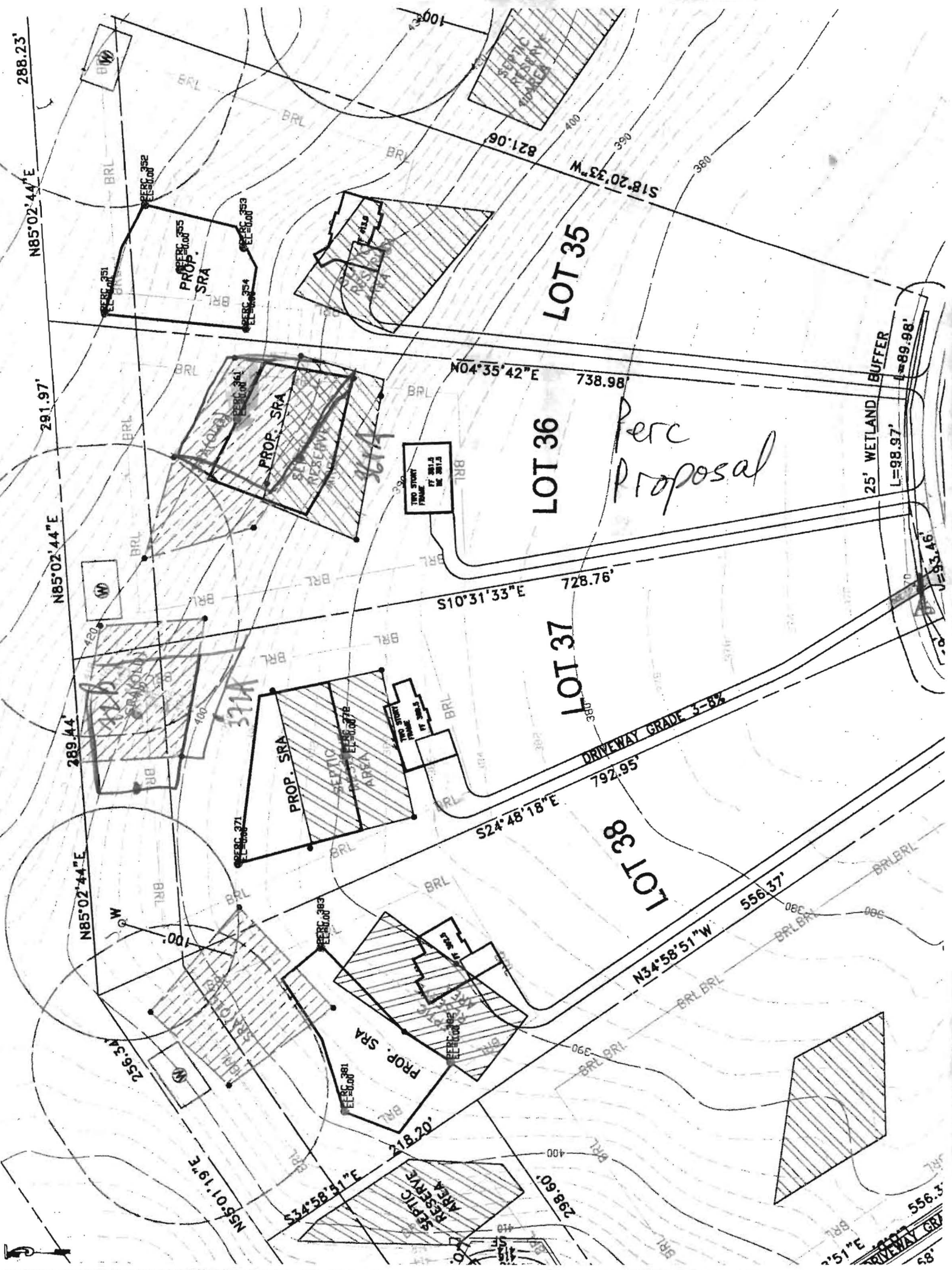
TAX MAP PAGE(S) 40 GRID 23 PARCEL(S) 490 PROPOSED LOT SIZE 3.25 ac.

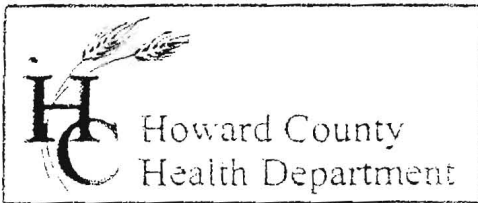
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH





3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer
January 15, 2004

Altieri Homes
9017 Red Branch Road, Suite 201
Columbia, MD 21045

RE: Percolation Test Results – A519693
Lime Kiln Valley, Lots 35-38, Lime Kiln Road
Confirmation/Adjustment of Platted Easements

Dear Mr. Altieri:

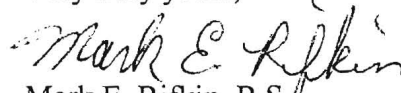
Percolation testing conducted December 19, 23 and 30, 2003 on the referenced property indicated limited satisfactory soil conditions. The primary limiting factors are shallow bedrock and shallow groundwater, although satisfactory soils were eventually encountered at or near the highest part of each lot. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations of all excavated test holes with suitable identification, plus distinguishing symbols for passed and failed test holes; test locations not excavated should not be shown
- 2) existing sewage easements platted in 1993 and previous sewage easements platted in 1985
- 3) existing wells
- 4) locations of proposed houses, wells, and sewage reserve areas;
- 5) certification that all existing wells and septic systems within 100 feet of property boundaries have been shown;
- 6) field-verified topography in the vicinity of the proposed reserve areas and upslope of the proposed well location for Lot 38 with a note documenting same
- 7) the plan identification number (PC 519693) in the title block
- 8) standard MDE sewage reserve area statement documenting a minimum of 10,000 ft² for each proposed sewage reserve area

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions, please contact me according to the above information.

Very truly yours,


Mark E. Rifkin, R.S.
Well and Septic Program

MR
Enclosures
cc: KCW Engineering
File

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P O BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 33089

P _____

DISTRICT 5th

DATE August 24, 1983

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 Grace A. E. Eisenhardt c/o Tracy, Schulte & Associates, Inc.

ADDRESS 8450 Baltimore National Pike PHONE 465-6105

PROPERTY LOCATION:

SUBDIVISION Child's Lime Kiln Valley LOT NO. (New) 1

ROAD AND DESCRIPTION Brown Bridge Road @ Lime Kiln

SIZE OF LOT 3.723 ~~3.8~~ Acres TYPE BLDG. Vacant
(NUMBER OF BEDROOMS)

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 P. Sherrin FOR branch DATE 11/21/84

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

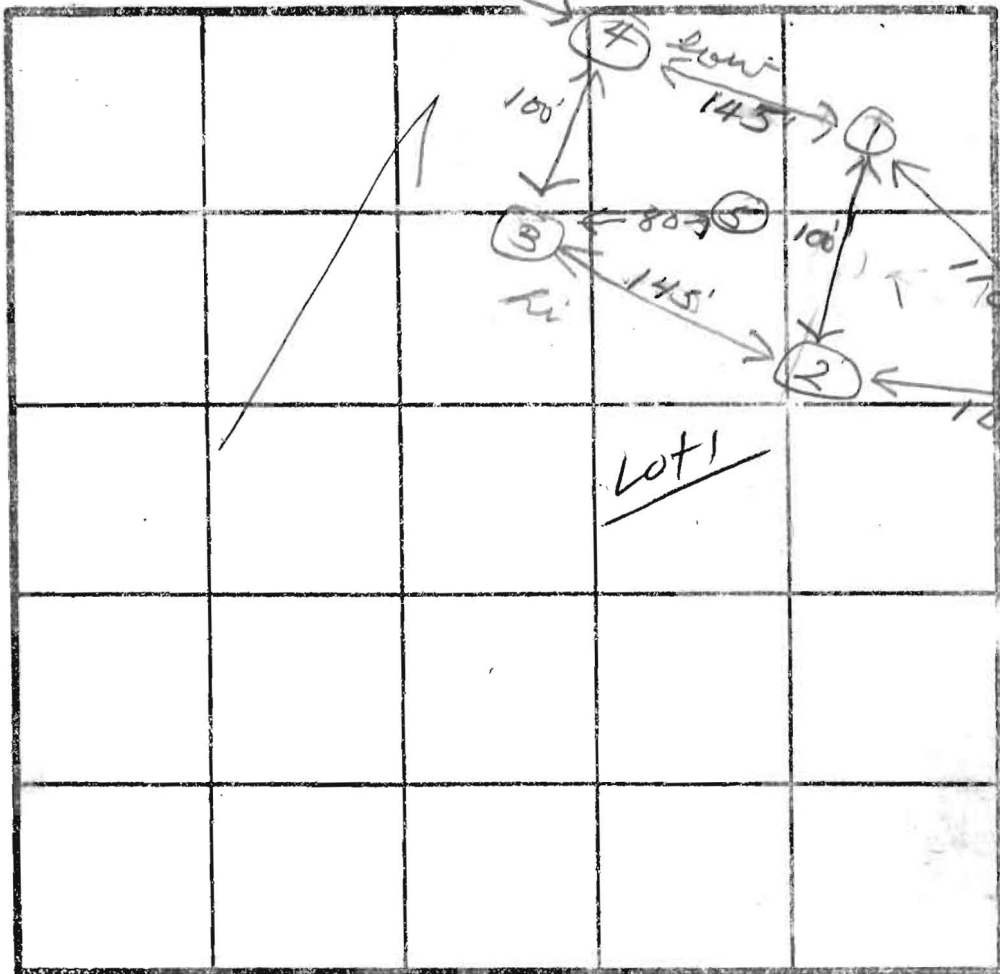
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

all holes

SOIL PROFILE

clay
5'
clay loam
14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

lot 1

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/5/83	1 S (14)	5	1:20	1:33	1:33	2:00	27
		9	1:24	1:34	1:34	1:50	16
	2 S (12)	5	1:36	1:44	1:44	1:54	10
		9	1:36	1:44	1:44	1:54	10
	3 S (12)	5	2:36	2:38	2:38	2:41	3
		9	2:10	2:15	2:15	2:29	14
	4 S (12)	5	2:51	2:55	2:55	3:09	14
		9	3:00	3:10	3:10	3:26	16
	5 V	12					

IN at 4'
eff. 5'
May 10'
14 min
X=16

REMARKS _____

TYPE OF SOIL _____

TESTED BY JS

ALSO BY Ken Schissler

APPLICATION

12/23/91
on
12/80

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

PERCOLATION TESTING

*Previous comment
GLENNVILLE SOILS
NO EVIDENCE OF PROBLEM.
WBT SEASON FOLLOW-UP URGENT,
12/6/91 CW*

A 47659
P _____
DISTRICT 5th
DATE 12/05/91
~~1-1706/91~~

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 Potomac Electric Power Company

ADDRESS 1900 Pennsylvania Ave. N.W. Washington PHONE 202-872-3526
DC 20068

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION: ** INSPECTION - CONFIRM LOCATION
WELL HO-81-1211
PREVIOUSLY PLAT'D AS LOT 1*

SUBDIVISION Lime Kiln Valley *would appear to be in current* LOT NO. 38

ROAD AND DESCRIPTION Brown Bridge Road and Lime Kiln Road *POWER LINE EASEMENT 12/19/91 CW*

TAX MAP 40 PARCEL # _____

SIZE OF LOT 3.26 acres 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.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING PERC OK - HOLD FOR PLAT MR 12/23/91

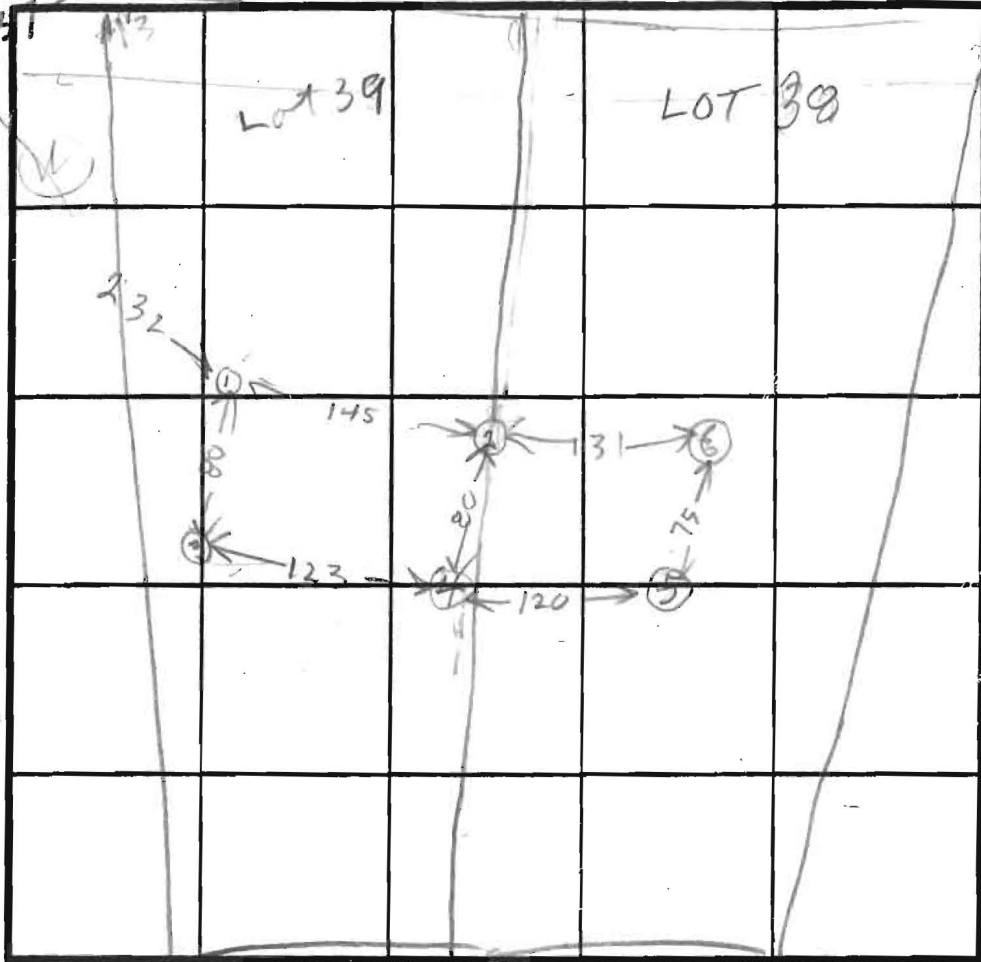
HD-216

THIS IS NOT A PERMIT

Lot 39

4081449

HUB 1100



⑤
CLAY
BROWN SAND LOAM
12 MOIST

⑥
CLAY
BEIGE SAND LOAM
10 1/2 HARD

SOIL PROFILE

①
0' BROWN CLAY
2' BROWN SOFT SAND LOAM
11 1/2'

②
0' BROWN CLAY
2' BROWN SOFT SAND LOAM
13 1/2'

③
2' CLAY TOPSOIL
BROWN SOFT SAND LOAM
FEW ROCKS
12'

④
3' CLAY TOPSOIL
BROWN SOFT SAND LOAM
12'
13 1/2' M-153 WATER
13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

LIME KILN RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/10/91	1S	3	1152	1154	1158	1210	12
	1D	7	1154	1203	1203	1216	13
	1V	11.5	OK				
	2G	2 1/2	1200	1207	1207	1217	10
	2W	13 1/4	OK				
	3	3	1213	1214	1214	1220	6
	3V	12	OK				
	4S	3 1/2	1225	1229	1229	1233	4
	4V	13	WET SEASON				
	5S	3 1/2	1235	1243	1243	1249	
12/10/91	5V	12	WET SEASON				
	6S	2 1/2	1237	1240	1240	1243	3
	6V	10.5					

ON LINE HOLE LOT 39 & 38

ON LINE HOLE LOT 39 & 38

REMARKS No Hole Staked Per Test Plot

TYPE OF SOIL

TESTED BY R. HODGES ALSO PRESENT

APPLICATION

PERCOLATION TESTING

A 47659
P _____

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

DISTRICT _____
DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Lime Kiln Valley LOT NO. 38

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

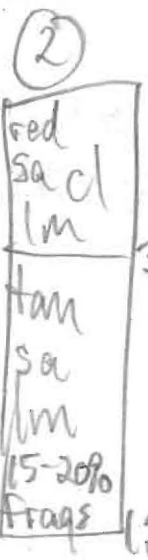
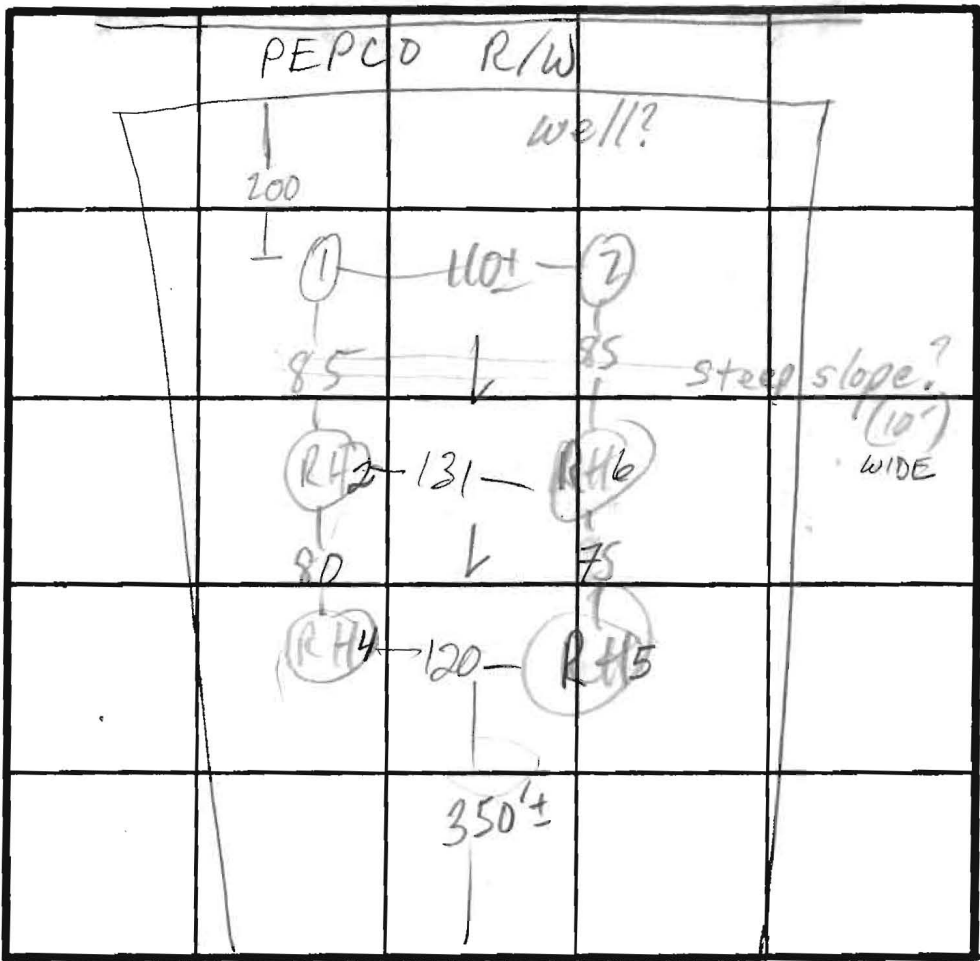
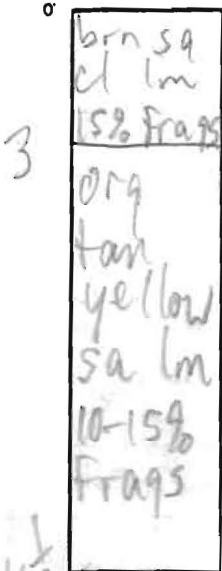
REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

A47659
 OLD LOT 1
 NEW LOT 38

SOIL PROFILE



LIME KILN RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/20/91	1 M	4	4:12	4:13	4:13	4:15	2
	1 V	11 1/2	see profile				20
	2 S	4	4:30	4:31	4:31	4:35	4
	2 M	3 1/2	4:29	4:30	4:30	4:32	42/2
	2 V	12 1/2	see profile				
	RH2 S	2 1/2	12:00	12:07	12:07	12:17	10
	RH4 S	13 1/2	OK				
	RH4 V	3 1/2	12:25	12:29	12:29	12:33	4
	RH5 S	13	H2O @ 12' - WET SEASON				
	RH5 V	3 1/2	12:35	12:43	12:43	12:49	6
	RH6 S	12	MOIST 12' - WET SEASON				
	RH6 V	2 1/2	12:32	12:40	12:40	12:43	3
		10.5					

PER RH

REMARKS HOLES RH(2)-(6) PER PLAT I; ORIGINALLY THOUGHT NOT TO BE, WELL HO-81-1211 NOT SEARCHED FOR, NOT SEEN;
 USE ①-②-RH②-RH⑥

TYPE OF SOIL
 TESTED BY M. Rifkin/R. Hodges ALSO PRESENT Ken Hatfield crew