

APPLICATION

SEWAGE DISPOSAL TESTING

A 28681

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

Recorded
8/28/78
7:30 P.M.

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

DISTRICT 3rd

DATE 8/14/78

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 MR & MRS LAURENCE LAURENBA
1650 MARROTTSVILLE RD.
ADDRESS ~~3481 WISSE RD~~ PHONE 328-2518 Home
923-0638

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 1650 MARROTTSVILLE RD.
Marriottsville, MD 21104

SIZE OF LOT 30 Acres TYPE BLDG. house 6 bedrooms
4 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.

SIGNATURE OF APPLICANT Mrs. Laurence Lauba

APPROVED BY J. Keller FOR truch DATE 20 Sept 78

REJECTED BY _____ FOR _____ DATE _____

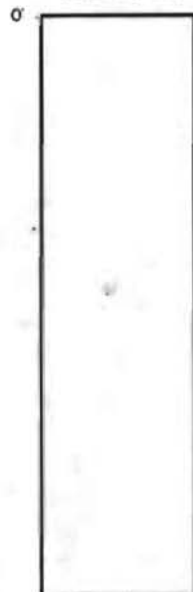
HOLD PENDING FURTHER TESTS _____ DATE 30 Aug. 78

REASONS FOR REJECTION OR HOLDING Hold further tests. (GLK)

THIS IS NOT A PERMIT

450
225
33
23
165

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/28/78	65	6'	351	354	354	357	3	
	60	14'	216	224	224	234	10	
	75	5'	241	251	No drop		fails	
	70	13'	245	248	248	252	4	
	7m	9'	330	345	No drop		fails	
	95	5'	416	420	420	426	6	
	90	14'	414	419	419	429	10	
	9/19/78	105	5'	1000	1005	1005	1010	5
		100	14 1/2'	959	1019	1019	1019 1/2"	fails
	115	4 1/2'	1001	1014	1014	1032	18	
	110	14'	1000	1009	1009	1020	11	
	125	5 1/2'	1006	1015	1015	1034	19	
	120	15 1/2'	1005	1011	1011	1022	11	
	135	3'	1030	1035	1035	1042	7	
	130	14 1/2'	1029	1044	1014	1059 1/4"	fails	
	13m	12 1/2'	1112	1114	1114	1119	5	
10m	12 1/2'	1119	1132	1132	1150	20		
	14	11'	visual	see	profile			

$\bar{x} = 10$
 $= 12$
 $= 150 \text{ lb}$
 wet = 5'
 max = 11'

REMARKS Holes ① to ③ dug on arrival 9/19/78
 Holes ④ to ⑤ dug on arrival 8/28/78

TYPE OF SOIL _____

TESTED BY GCK ALSO PRESENT Rekubah

Rachube Prop - Mariottsville Rd

19 Sept 78

Mariottsville Rd

(GLK)

Existing
BAEN

Tramway
Corral

(W)

65'

185'

R/W

165'

165'

(6)

210'

(11)

LOW

113'

96'

53'

49'

HOUSE
SITE

(13)

210'

(10)

HIGH

HIGH

(14)

VISUAL
(HIGH)

All holes: SANDY LOAM BELOW CLAY BECOMING HARD-PACKED DEEP

Rolling Topography - House site is lower (slightly) than test area (System 1st) 2' max

Elevation:

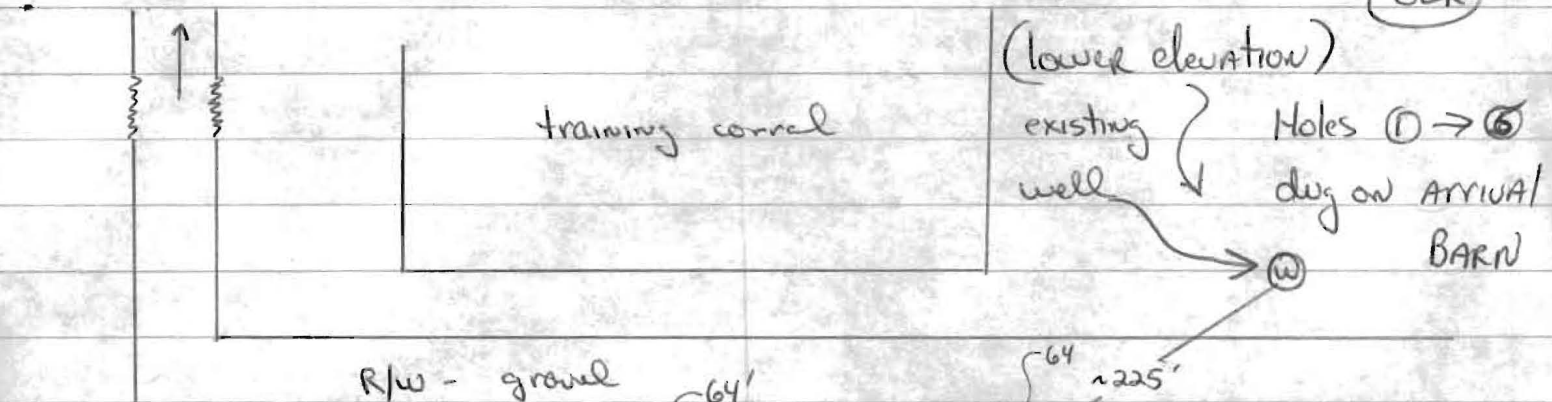
(10) → (11) ≈ 2'

(13) → (6) = 1-2'

● - BAD

Rachuba Prop: Mariettsville Rd
 Mariettsville Rd

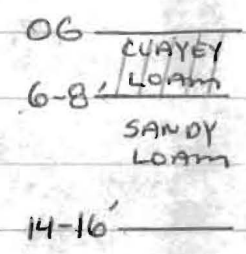
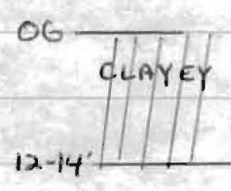
28 Aug 78
 (GLK)



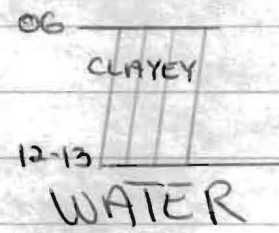
Soil Profile

Hole ① + ⑧

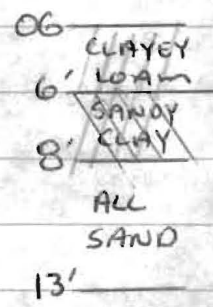
Hole ② + ⑥



Hole ③ ④ ⑤



Hole ⑦

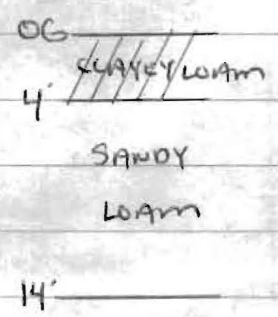


Elevation difference:

⑥ → ③ ≈ 5-6'

⑦ → ④ = 6-7'

Hole ⑨



WOODS Inform Rachuba

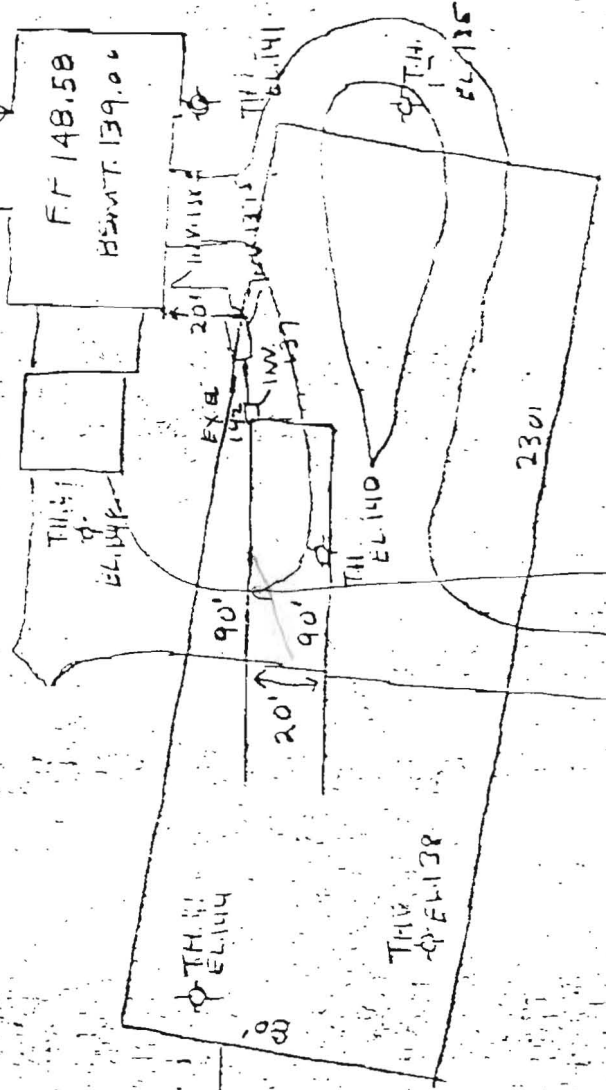
Recommendations: MAINTAIN 200' FROM WELL

(F 3 DM) AND TRY FOR 50 x 200 USING



(? Above)
No seen
WELL
EL. 156
EXIST

290' TO WEST
PROPERTY LINE



670' TO SOUTH
PROPERTY LINE

400' TO CORNER OF
BLOCK

MRS. LAWRENCE R. RACHUBA
1650 HAMILTONVILLE RD.

System 1st

G. Keller 12/8/78

LOT NUMBER Rachuba

Absorbant Area/bedroom

SEPTIC TANK 1000 gal 1250 gal 1500 gal
3 bdrms 4 bdrms 5 bdrms

DRY WELL

inlet

Max. depth

Abs. Area 6 bedroom 2500 gal

Located

TRENCH

5
Inlet

11
Max. depth

bedrooms
3

Length
90

Abs. Area
540

no trench shall exceed 100' in length

4
6

(2) 60'
180

840
1080

Begin trench at a point 215' from the existing R/W & 400' from the corner of the existing barn measured along the R/W. Trench(es) shall run with the contour toward the left prop line as seen from the R/W.

If dry well and trench are used leave a 5' earth buffer between them.

If septic tank is 3' or more below grade, use manhole type cleanout to grade.

✓ If more than one trench is used space them parallel, twice their depth apart *center to center*

✓ Call office for inspection of trench before placing stone in trench.

All pipe from house to disposal area cast iron.

Install standpipe (6" min.) on septic tank and dry well. Cast iron, concrete, terra cotta ok. Trench distribution lines may be clay, asbestos cement, orangburg type, open joint cast iron or heavy duty plastic. (Commercial standard Cs228-61).

2nd trench, if needed, shall be 20' closer to the R/W.