

System installed without final approval
8/25/79
GLK File

ap 11/9/79

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

P 28851
A 26998

HOWARD COUNTY

03-365295

ELLICOTT CITY

DISTRICT 3rd

DATE 9/14/78

11/9/79 p.m.

INDEXED

Liberty Backhoe Service, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 7311 Brangles Road, Marriottsville, Md. 21104 PHONE 795-2642

SUBDIVISION ROAD 1030 Henryton Road LOT 1

PROPERTY OWNER John C. Leavitt

ADDRESS 1026 Henryton Road, Marriottsville, Md. 21104 Phone: 442-2755

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS
DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.
DEEP TRENCH DEPTH 11 FEET, BOTTOM AREA SQ. FT.
SEEPAGE PITS ABSORBENT SIDE-WALL AREA 125 SQ. FT. absorbent sidewall area per bedroom.
INLET PIPE 3 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE
EFFECTIVE DEPTH AT 4 FT. BELOW ORIGINAL GRADE.
LOCATE DISPOSAL AREA FT. FROM LOT LINE AND FT. FROM LOT LINE AS SEEN WHEN FACING LOT FROM

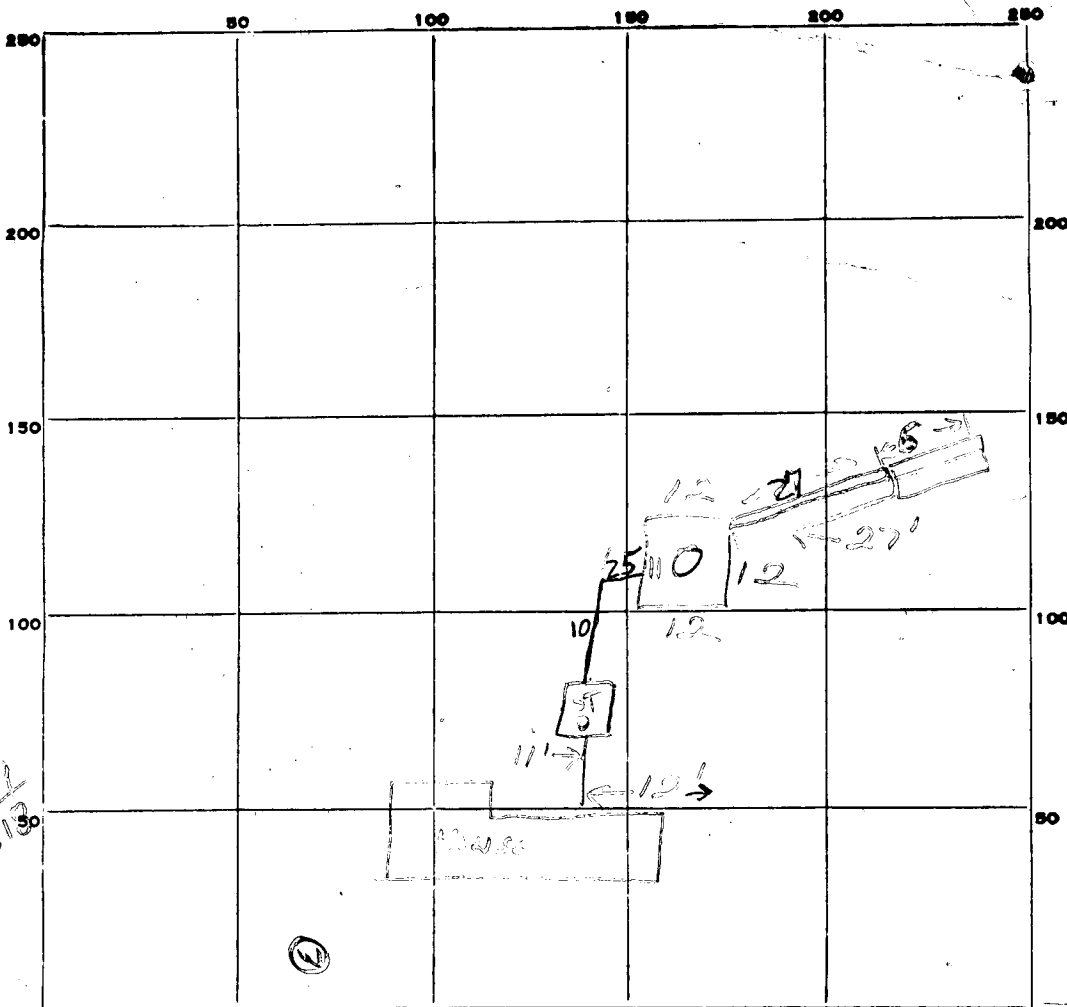
Locate dry well 25 ft. downhill from old house as proposed on Lot 1, Leavitt final plat - due to Lindberg former test. Trench to be 75 ft. long.

PLANS APPROVED BY Charles B. Streaker DATE 2/1978

- 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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.
- NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.
- NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.
- PERMIT VOID AFTER THREE YEARS.
- NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZO ACCEPTED.

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

A 26998



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL 1250

CLEANOUTS

ST | DW
✓ | ✓

CAST IRON

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 11 FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH 7 IN. TOTAL LENGTH 33 FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA 231

SEEPAGE PITS, INSIDE DIAMETER 47 FT. DEPTH BELOW INLET 7 FT. ±329

ABSORBENT AREA ±560 SQ. FT.

REMARKS 7/22/77 - work ok - trench clean for 25' - J
25 Sept 78 - Absorbent Area OK. Inlet to trench slightly uphill
And is UNSUPPORTED. (Gravel depth 1/2 → 2' below) Correct
slope's support pipe. this call for final OK to backfill
from house to trench, but leave 10' of pipe from 1'
drywell to trench exposed for inspection. (GLK) 3/20/79 - WARNING to

DATE SYSTEM APPROVED 11/9/79

INSPECTOR Liberty (Schissler) (GLK)
DEW Monahan

Handwritten calculations on the left side of the page:
 $\frac{11}{329}$
 $\frac{11}{329} = \frac{11 \times 100}{329 \times 100} = \frac{1100}{32900}$
 $\frac{11}{329} = \frac{11 \times 10}{329 \times 10} = \frac{110}{3290}$
 $\frac{11}{329} = \frac{11 \times 1000}{329 \times 1000} = \frac{11000}{329000}$

APPLICATION

A 26998

P _____

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: 465-5000, EXT. 356

Septic tank { 1-3 Bedrooms 1000 gallons
4 Bedrooms 1250 gallons
DATE 10/4/77

Prep
10/18/77
Finish 9:30 A.M.
see below
absorbent sidewall area per bedroom below
soil, outlet to be 3 1/2' below original grade and maximum depth 11'. location: 25' downhill from house as proposed on lot 1. Leavitt kind plot - due to bad logging former tests suggest of dry well holes when installing dry well
Call for appreciation of dry well holes when installing dry well
if dry well & trench used need:
1 5' earth buffer between trench & dry well
2 2 inspections of trench before & after installation

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 John C. Leavitt property

ADDRESS 1026 Henryton Road, Marriottsville, Md. 21104 PHONE 442-2755

PROPERTY LOCATION: _____

SUBDIVISION _____ LOT NO. 1

ROAD AND DESCRIPTION adjacent to 1030 Henryton Road - to be redeveloped

SIZE OF LOT 84,506 sq. ft. TYPE BLDG. 3 or 4 bedrooms

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT John C. Leavitt

APPROVED BY _____ FOR dry well & / or trench DATE 2/1/78
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

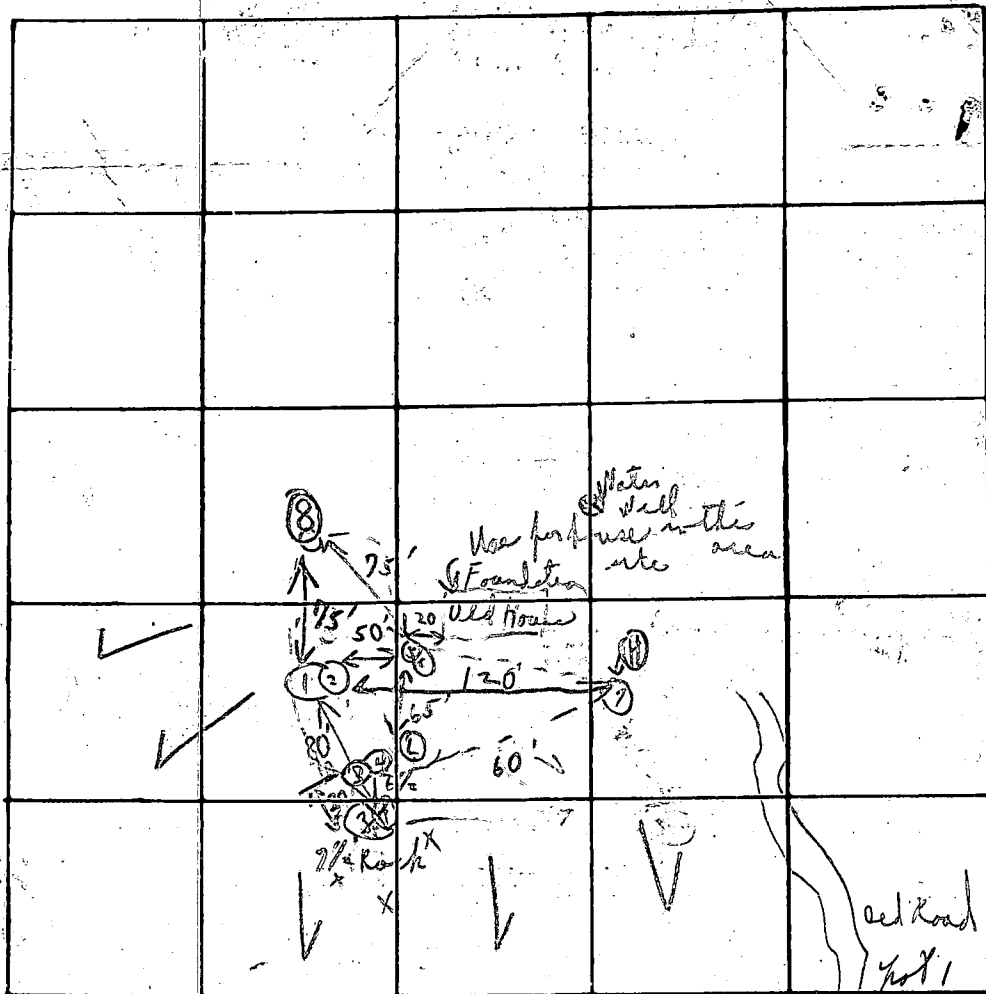
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING see back 3/14/78 Drywell outlet 3 1/2 ft. below grade as per result of probe tests

BLDG. PERMIT SIGNED AND RETURNED 4/10/78

serial no: 35198

THIS IS NOT A PERMIT



120
80
9600

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Henington Road

Soil Profile

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/3/77	1 A	3 1/2'	1:07	1:13	1:11	1:11	lower shell
	2	13'	1:09	1:11	1:11	1:18	7m
	3	4 1/2'	2:10	2:12	2:12	2:16	4m
	4	12'	2:19	2:21	2:21	2:28	7m
	5	4 1/2'	2:46	2:48	2:48	2:51	3m
	6	13'	2:47	2:49	2:49	2:53	4m
	7	12'	Visual		similar to 1 & 2		6/20
	1 B	4'	1:40	1:42	1:42	1:45	3m
	8	13'	Sandy mess loam with water		No too much in dirt		(can be used 3 old test)

M. 500
loam
below
clay

125
5m
6/20

10/18/77

REMARKS: No peeces on this lot. Fair. Open field when tested. No clustering holes. Some trees near house foundation. Put water well where old well is now. No problem.

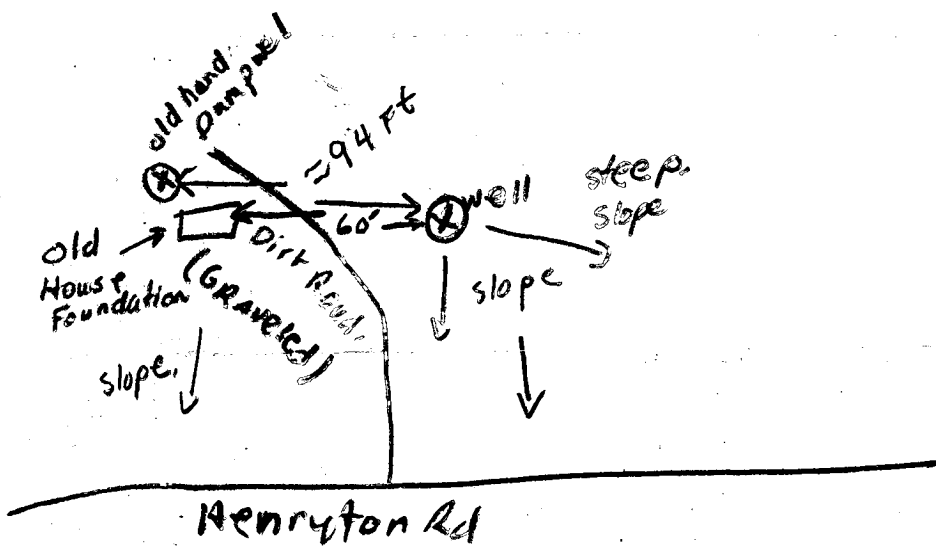
TYPE OF SOIL: _____

TESTED BY: _____

ALSO PRESENT: Mr. Beatty

- Casing 6.2 Ft.
 - pipe Down to 40ft. unable to put probe any further
 - couplings on pipe make it impossible.
 - 2 Ft. pipe above ground.
 - 9 Bags Grout
- Grout approved.
4/3/78 OMB.

Reduced casing



RECEIVED
HOWARD COUNTY
HEALTH DEPT.
APR 12 9 17 AM '78
DIVISION OF
ENVIRONMENTAL
HEALTH

C 1 4826 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED 4/3/78

8-13 15 20

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DEPTH OF WELL 300 (TO NEAREST FOOT) 22 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-74-3517

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 64

OWNER Burnoor George H. LAST NAME FIRST NAME

STREET OR RFD 4306 Cross Country Drive POST OFFICE Ellicott City, Md 21043

WELL DESCRIPTION

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
rolling ground & gravel	0	23	
caving sand	23	53	
schist	53	72	
water			<input checked="" type="checkbox"/>
schist	72	158	
water			<input checked="" type="checkbox"/>
schist	158	300	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT C M BENTONITE CLAY B C

NO. OF BAGS 9 NO. OF POUNDS 864

GALLONS OF WATER 63

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 50 FT.

CASING RECORD

CASING TYPES

INSERT APPROPRIATE CODE BELOW

S T STEEL C O CONCRETE

P L PLASTIC O T OTHER

MAIN CASING TYPE S T NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 61

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE

INSERT APPROPRIATE CODE BELOW

S T STEEL B R BRASS OR BRONZE H O OPEN HOLE

P L PLASTIC O T OTHER

DEPTH (NEAREST WHOLE FOOT)

C 2 (SEQ. NO.)

EACH SCREEN	1	2	3	4	5	6
1	11	61	15	17	21	
2						
3						

SLOT SIZE 1. 2. 3.

DIAMETER OF SCREEN 56 60 (NEAREST INCH)

FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

(E.R.O.S.)

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 1

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 1 1/2

METHOD USED TO MEASURE PUMPING RATE watch & bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 35 (NEAREST FOOT)

WHEN PUMPING 22 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

A AIR P PISTON T TURBINE

C CENTRIFUGAL R ROTARY O OTHER (DESCRIBE BELOW)

J JET S SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

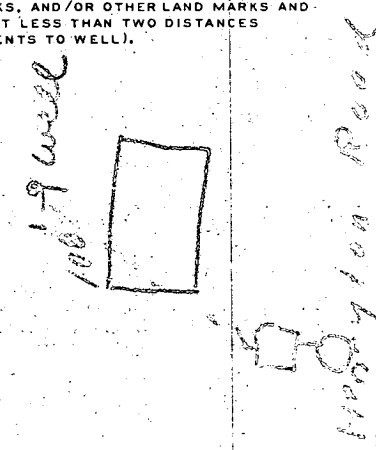
CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE } LAND SURFACE (NEAREST FOOT) 50

BELOW }

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).



CIRCLE APPROPRIATE BOXES

- A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
- E ELECTRIC LOG OBTAINED
- P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME (PLEASE PRINT) Wm W. Reichart

SIGNATURE Wm W. Reichart

April 7, 1978

TO: Mr. Walt Shaefer
Office of Planning & Zoning

FROM: Thomas S. Ogle, Sanitarian
Bureau of Environmental Health

RE: Leavitt Property, 1030 Henryton Road
Lot 1

Dear Sir:

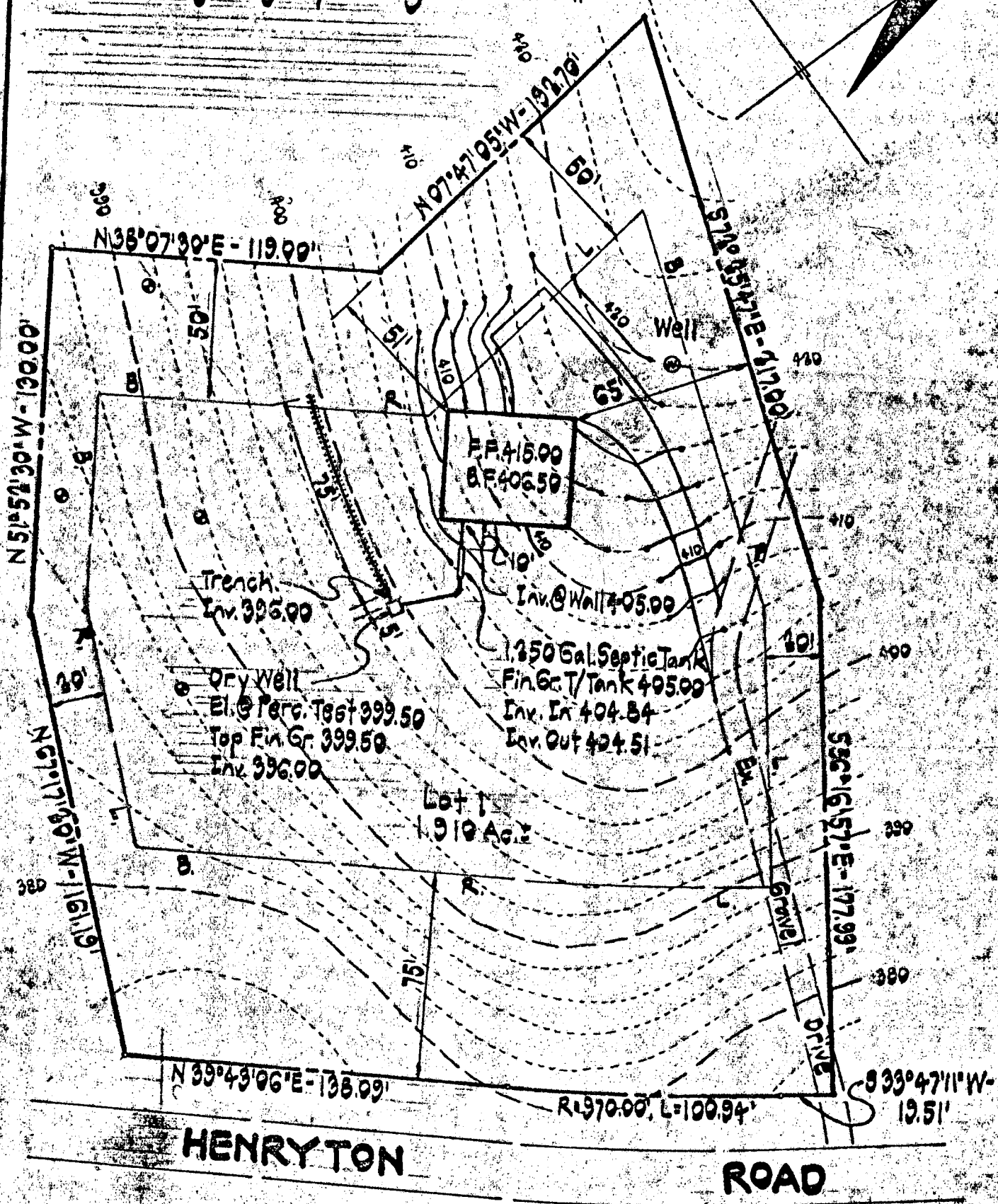
When the original record plat for the referenced property was signed, Lot 1 was recorded as "non-buildable".

Subsequently, the lot was re-tested and passed the standard percolation test.

Upon advice by the Planning Office, this lot was not re-recorded, as there were no lot line changes from the original recorded plat.

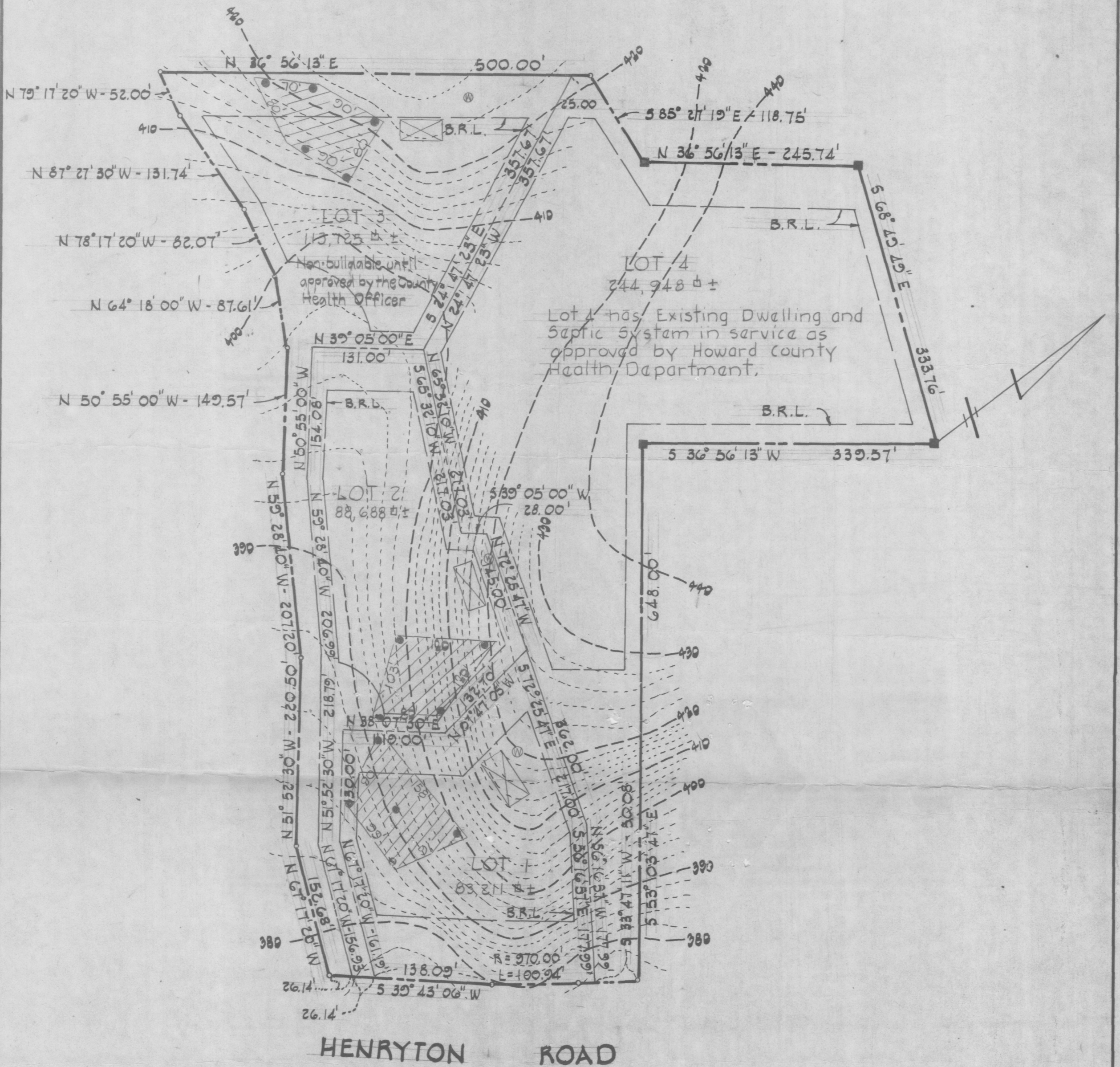
Therefore, as indicated by the records of this Office, the lot is "buildable" and suitable for subsurface sewage disposal.

Note to Contractor: Well must be drilled
and Septic System must be installed
prior to beginning any building construction.

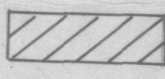


HENRYTON

ROAD



HENRYTON ROAD

 This area designates a private sewage easement of approximately 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available and servicing any residential structures constructed on these building sites. This easement shall become null and void upon connection to a public sewerage system.

APPROVED: For private water and sewerage systems,
Howard County Health Department

Joyce M. Boyles
County Health Officer

2-21-78
Date



I certify the measurements for the sewage disposal area and the sewage disposal area for this property is as designated.

Walter Park 1/10/78
Walter Park, Md. Reg. No. 5639 Date

CROVO & ASSOCIATES, INC.

8669 OAK ROAD
BALTIMORE, MARYLAND
21234

PROPERTY OF
JOHN D. LEAVITT & WIFE

LOTS 1, 2, 3 & 4

3RD ELECTION DISTRICT HOWARD CO., MD.
SCALE: 1" = 100' JANUARY 10, 1978