

3/12/87
between 1:22 PM

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 38917

A 29936

DISTRICT 4th

DATE 3/12/87

DATE SYSTEM APPROVED 4/16/87

INSPECTOR RH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

William H. Smith, Jr. IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 330, Forest Hill, Maryland 21050 PHONE 879-7641

SUBDIVISION Laura Veit Estate ROAD 16850 Old Frederick LOT 2 Parcel # 1

PROPERTY OWNER Thomas Phillips

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 200 feet from the right lot line and 100 feet from the front lot line as seen when facing the property from the access to the entrance to the property.

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

TRENCH AREA TO BE COMPUTED ON 3' BOTTOM AREA, CW

PLANS APPROVED BY C. Williams DATE 6/03/86

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 TRENCHES.

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.

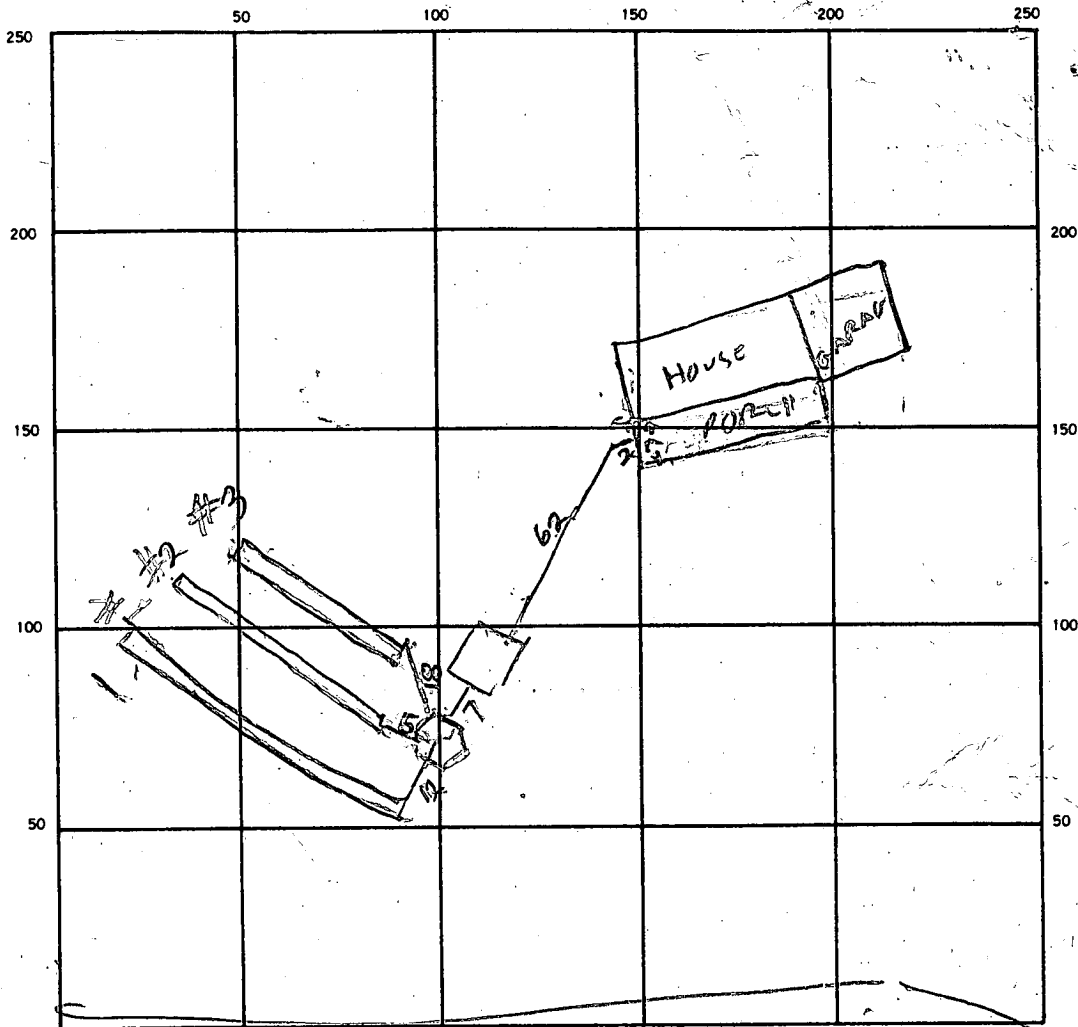
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 29936



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK. LEVEL OK 1250 CLEANOUTS ST
OK

DISTRIBUTION BOX. LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH #1 #2 #3 TRENCH WIDTH #1 #2 INLET DEPTH #1 #2 #3
2.5 2.5 2.5 FT. 3 3 3 FT. 2 2 FT.

EFFECTIVE GRAVEL DEPTH #1 #2 #3 FT. TOTAL LENGTH #1 #2 #3 FT.
5 5 5 FT. 87 82 77 FT. 246

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 738 SQ. FT. 720 REQUIRED

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 4/16/07 - TRENCH #1 & #2 OK DIG TRENCH #3
4/16/07 - TRENCH #2 OK RH

DATE SYSTEM APPROVED 4/16/07 INSPECTOR Raymond Hodge

HOWARD COUNTY HEALTH DEPARTMENT

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



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

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

August 20, 1986

Thomas Philips
4 Tokay Court
Randallstown, Maryland 21133

RE: Percolation Retest
Lot 2 Parcel 1
Laura Veit Estates
Old Frederick Road

Dear Mr. Philips:

The August 12, 1986 percolation tests on the above referenced property conducted for the purpose of relocating the approved septic reserve area, were not successful.

Rock was encountered at too shallow a depth in the test locations to warrant approval. Also, the available test area was severely restricted by rock outcrops, steep slopes, and closeness to a stream.

If you find that some adjustment in the originally approved septic reserve area is required to provide a reasonable house site, please submit field run topography in the vicinity of the test area along with a proposed house site in order to facilitate review of your proposal.

If you have any questions relative to this matter, please call me at 461-9933.

Very truly yours,

Craig Williams / BW

Craig Williams, Director
Water and sewerage Program

CW:JR

APPLICATION

6/27/79

A 29936

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

Septic Tank { 1-3 Bedrooms 1000 gallons
4 Bedrooms 1250 gallons
4th.

DISTRICT _____

DATE 6/18/79

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 Mani Korah Pullmoed Phillips

ADDRESS 2152 Chantilla Road, Balto. 21228 PHONE 747-1998

PROPERTY LOCATION:

SUBDIVISION Laura Veit Estate LOT NO. 2 Parcel #1

ROAD AND DESCRIPTION Old Frederick Road 16850 OLD FREDERICK RD

SIZE OF LOT 6.539 Acres TYPE BLDG. 3 or 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.

BLDG. PERMIT SIGNED
AND RETURNED 12/9/88
S. J. [unclear]
DP# 9159

SIGNATURE OF APPLICANT Harold J. Ramsby JUNE 17, 1979

APPROVED BY D.W.M. & C.B.V. FOR shallow system DATE 8/23/79

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6/27/79 Hold for [unclear] [unclear] [unclear]

Mr. Ruben [unclear]

7/8/79 OK for shallow system only per D.W.M.
C.B.V.

THIS IS NOT A PERMIT

APPLICATION

PERCOLATION TESTING

A 37348

P _____

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

DISTRICT _____

DATE JULY 14, 1986

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 THOMAS W. PHILLIPS

ADDRESS 4 TOKAY CT., RANDALLSTOWN, MD. 21133 PHONE 685-1023

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION LAURA VEE ESTATE LOT NO. 2 PARCEL # 1

ROAD AND DESCRIPTION OLD FREDERICK ROAD

TAX MAP _____ PARCEL # _____

SIZE OF LOT 6.534 ACRES TYPE BLDG. 3 BRN+ BEDROOMS
(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. Thomas W. Phillips
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

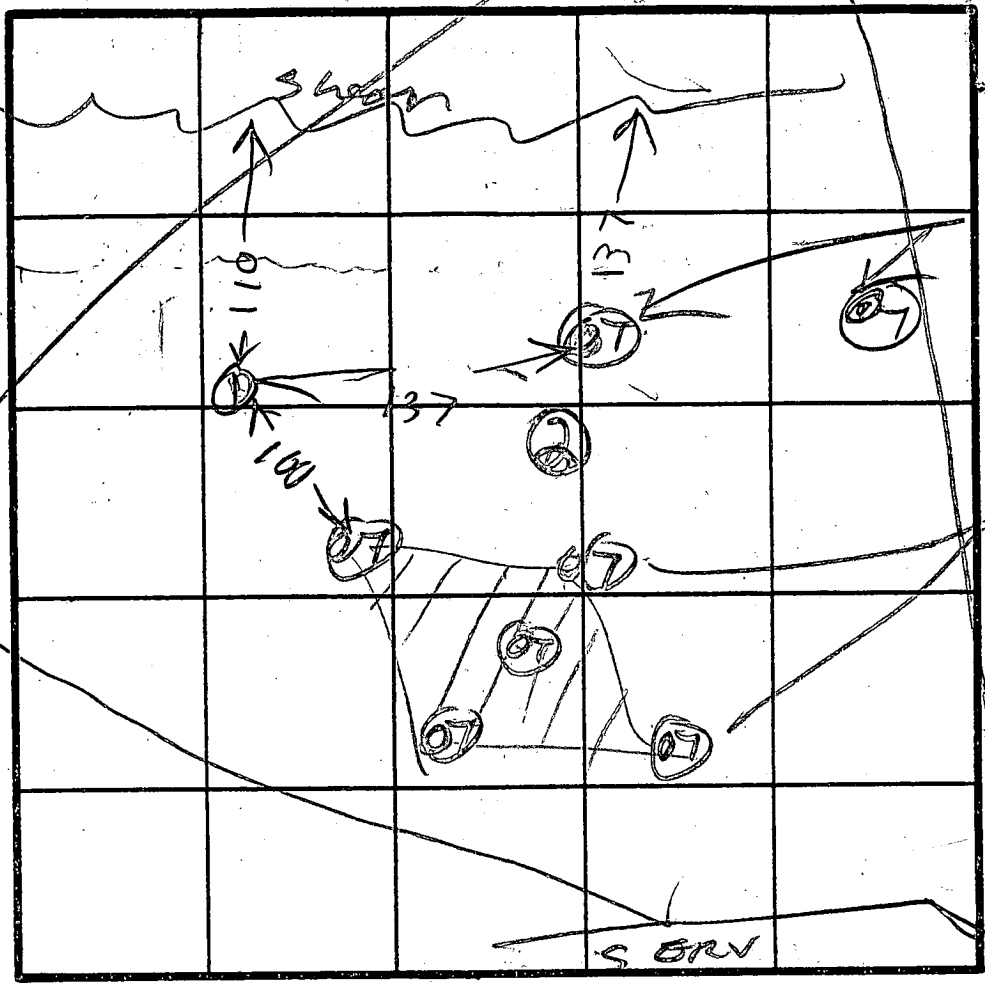
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SEE PLAN



FAILED OLD TESTS

PASSED OLD TESTS

SEE ATTACHED PLAN

SOIL PROFILE

1
BROWN CLAY
BROWN SAND LOAM
8' SHALE
50% MED SIZE STONES

2
BROWN SAND LOAM
75% SHALE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
8/12/86	1S	3 1/2	258	259	259	301	2
	1D	8	362	Watch	495	2nd	
8/12/86	2V	5	UNSATISFACTORY SHALT				

REMARKS

TYPE OF SOIL

TESTED BY

R. HODGES

ALSO PRESENT

2 SIKKS
TDR. [Signature]

EH-12-1079

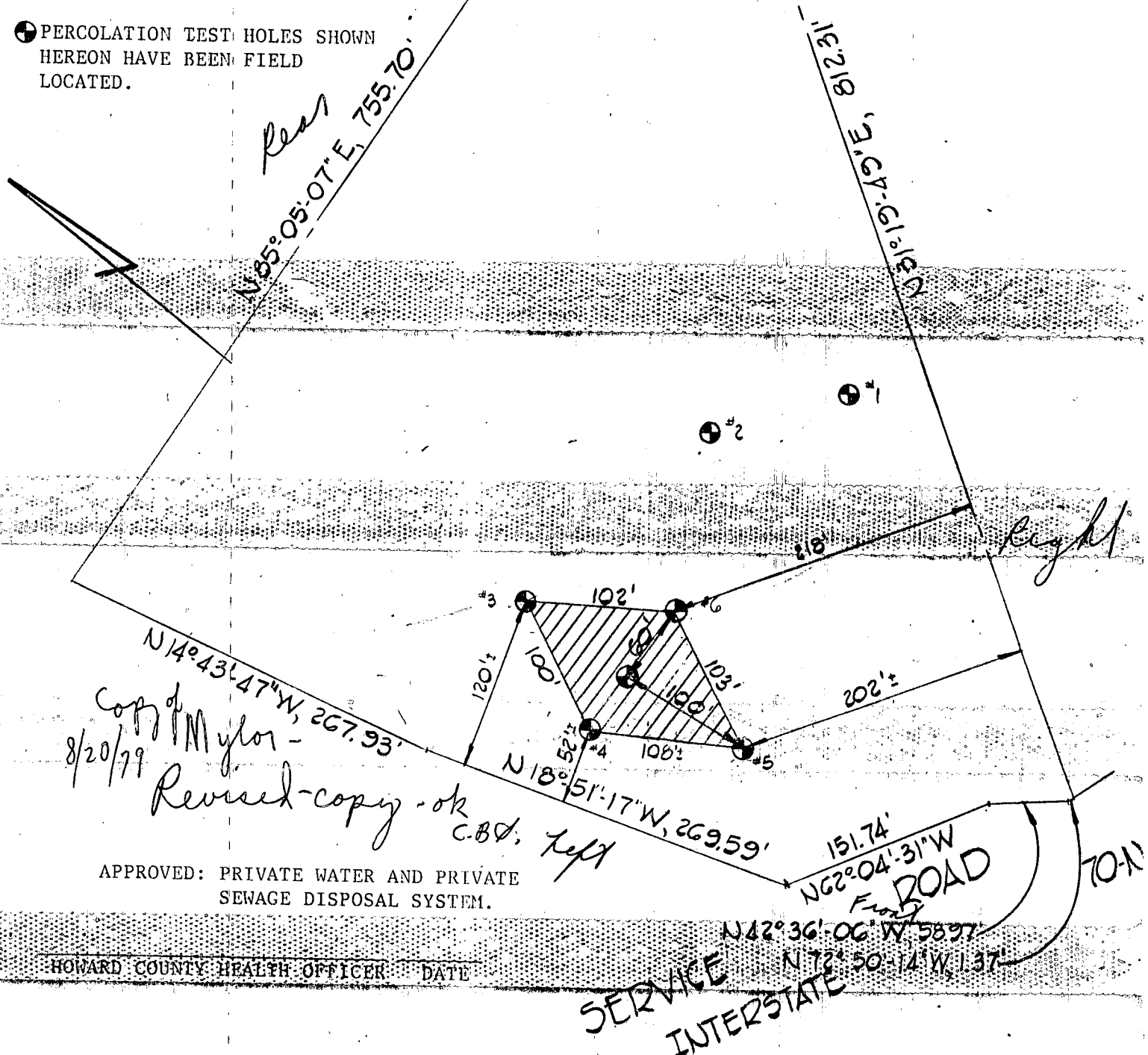
STRUCTURE CONSTRUCTED ON THESE BUILDING SITES. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.



James L. ...

THE PROPERTY SHOWN HEREOF COMPLIES WITH THE MINIMUM OWNERSHIP AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE:

● PERCOLATION TEST HOLES SHOWN HEREOF HAVE BEEN FIELD LOCATED.



copy of Mylor - 8/20/79 Revised-copy - ok C.B.D. left

APPROVED: PRIVATE WATER AND PRIVATE SEWAGE DISPOSAL SYSTEM.

HOWARD COUNTY HEALTH OFFICER: DATE

SERVICE INTERSTATE ROAD
N 42° 36' 06\"/>

FISHER, COLLINS & CARTER, INC.
Consulting Engineers & Land Surveyors
8388 Court Avenue
Ellicott City, Maryland 21043

PERCOLATION TEST LOCATION
PROPERTY OF
LAURA VEIT ESTATE
(RESIDUE)
FOURTH ELECTION DISTRICT, HOWARD COUNTY, MD.
SCALE: 1" = 100' DATE: JULY 17, 1979

C1 5278

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A 27936

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 090286

22 26 760 (TO NEAREST FOOT)

28 37 10-81-1646

OWNER PHILLIPS THOMAS last name first name STREET OR RFD OLD FREDERICK RD TOWN POPLAR SPRINGS SUBDIVISION LAURA VLT EST. SECTION LOT 2

WELL LOG

Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed) FEET FROM TO Check if water bearing

Table with 3 columns: DESCRIPTION, FEET FROM, FEET TO. Rows include Soil, Brown Shale, Brown Slate, Blue Slate, Brown Slate, Blue Slate.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY

CEMENT NO. OF BAGS NO. OF POUNDS

GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 10 ft. (enter 0 if from surface)

CASING RECORD

MAIN CASING Nominal diameter Total depth top (main) casing of main casing

PL 6 44

OTHER CASING (if used)

inch depth (feet) from to

SCREEN RECORD

screen type or open hole insert appropriate code below

HO

DEPTH (nearest ft.)

1 10 42 160

CIRCLE APPROPRIATE LETTER

- 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 THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO. 273

DRILLERS SIGNATURE

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

T (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min. to nearest gal.)

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

TYPE OF PUMP USED (for test)

A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

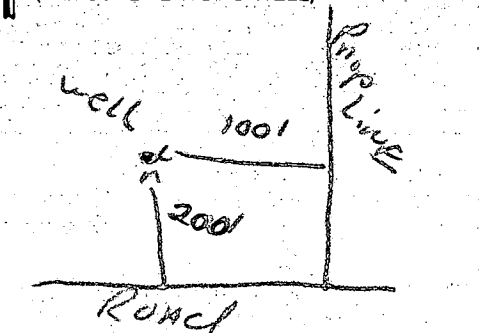
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle, appropriate box and enter casing height)

+ above LAND SURFACE - below (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 2559

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

HO-81-1646

fill in this form completely

Date Received

8 10 13

OWNER INFORMATION

15 Last Name: DRILLER, THOMAS 34

36 Street or RFD: 4 TOKAY CT 55

57 Town: PUNNACRIE STOWN 70 State: MD 72 Zip: 21133 76

DRILLER INFORMATION

Driller's Name: Ralph Mayne 77 License No.: 292

Firm Name: Ralph Mayne Well Drilling

Address: 9120 Brown Church RD Mt Airy MD

Signature: Ralph Mayne Date: 2/22/86

B 3

LOCATION OF WELL

8 COUNTY: Howard 21

23 SUBDIVISION: PARKA VEIT EST 42

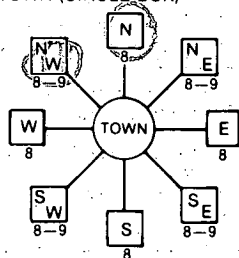
SECTION: 44-46 LOT: 2 48-50

52 NEAREST TOWN: POPPULAR SPRINGS 71

MILES FROM TOWN (enter 0 if in town) 1 MI 73-76-77-78

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



11 NEAR WHAT ROAD: Old Fred Rd 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 DISTANCE FROM ROAD: 200 37

ENTER FT or MI: 200 38-39

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.): 5 8-12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500 14-20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME: HOWARD COUNTY NO.: A29936

OEP SIGNATURE: [Signature] STATE HEALTH INSERT S

DATE ISSUED: 082476 CO SIGNATURE: B. Nylor EXP. DATE: 02/22/87

NORTH GRID: 552000 EAST GRID: 0771000

APPROXIMATE DEPTH OF WELL: 150 FEET 24-28

APPROXIMATE DIAMETER OF WELL: 6" NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER: [] G A P []

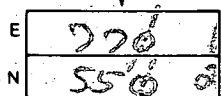
FORCE: [] WRITE INITIALS IN BOX: [] PERMIT NO.: HO-81-1646

SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

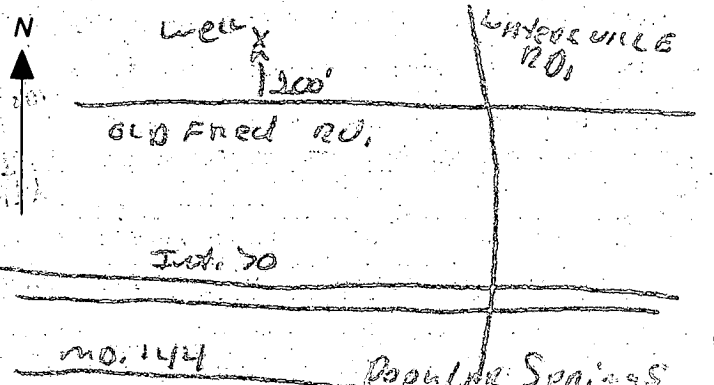
- SOURCES OF DRILLING WATER: 1. well, 2. well, 3. well

WRITE THE BOX NUMBER FROM THE MAP HERE



Location on plat: 44' casing, 2' annular, 40' open, 10' bag cement. 9/2/86

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



HOWARD COUNTY HEALTH DEPARTMENT

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



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

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

November 18, 1988

Mr. Thomas Phillips
16850 Old Frederick Road
Mt. Airy, Maryland 21771

RE: Laura Veit Property, Lot 2
16850 Old Frederick Road
Well Permit #HO-81-1646

Dear Mr. Phillips:

This is to advise you that the septic system was installed, inspected and approved on April 16, 1987.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.

FINAL CERTIFICATE OF POTABILITY

This certifies that all sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under permit(s) HO-81-1646.

Date of Final Sampling
August 29, 1988

Date of Acceptance
October 7, 1988

Jane E. Nadeau

Jane E. Nadeau, Sanitarian
Water and Sewerage Program

Water Sample Dates: 6/29/87
8/29/88

JEN:hs