

9/11/84
9/19/84
in place
anytime

Approved 9/19/84
9/19/84
P 34320
A 30818

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

INDEX

ELLICOTT CITY
DISTRICT 1st
DATE 9/6/84

Roland Barth IS PERMITTED TO INSTALL X ALTER _____

ADDRESS Clarksville, Pike, Ellicott City, Maryland PHONE 730-8495

SUBDIVISION _____ ROAD 4865 Ilchester Road LOT _____

PROPERTY OWNER Lee Wood 2nd driveway past landing Road
(back in the woods)

ADDRESS 4865 Ilchester Road
Ellicott City, Maryland 21043

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

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 2

TRENCHES - 168 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 2 1/2 feet below original grade. Bottom maximum depth 9 1/2 feet below original grade. Effective area begins at 2 1/2 feet below original grade with 7 feet of stone below distribution pipe. LOCATION: Start the trench 145 feet from the left side line and 380 feet from the front lot line as seen when facing the lot from the 281.91 ft. long lot line which is the front part of lot. Continued to dig the trench on level ground the necessary distance. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY Frank Skinner DATE 9/6/84

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

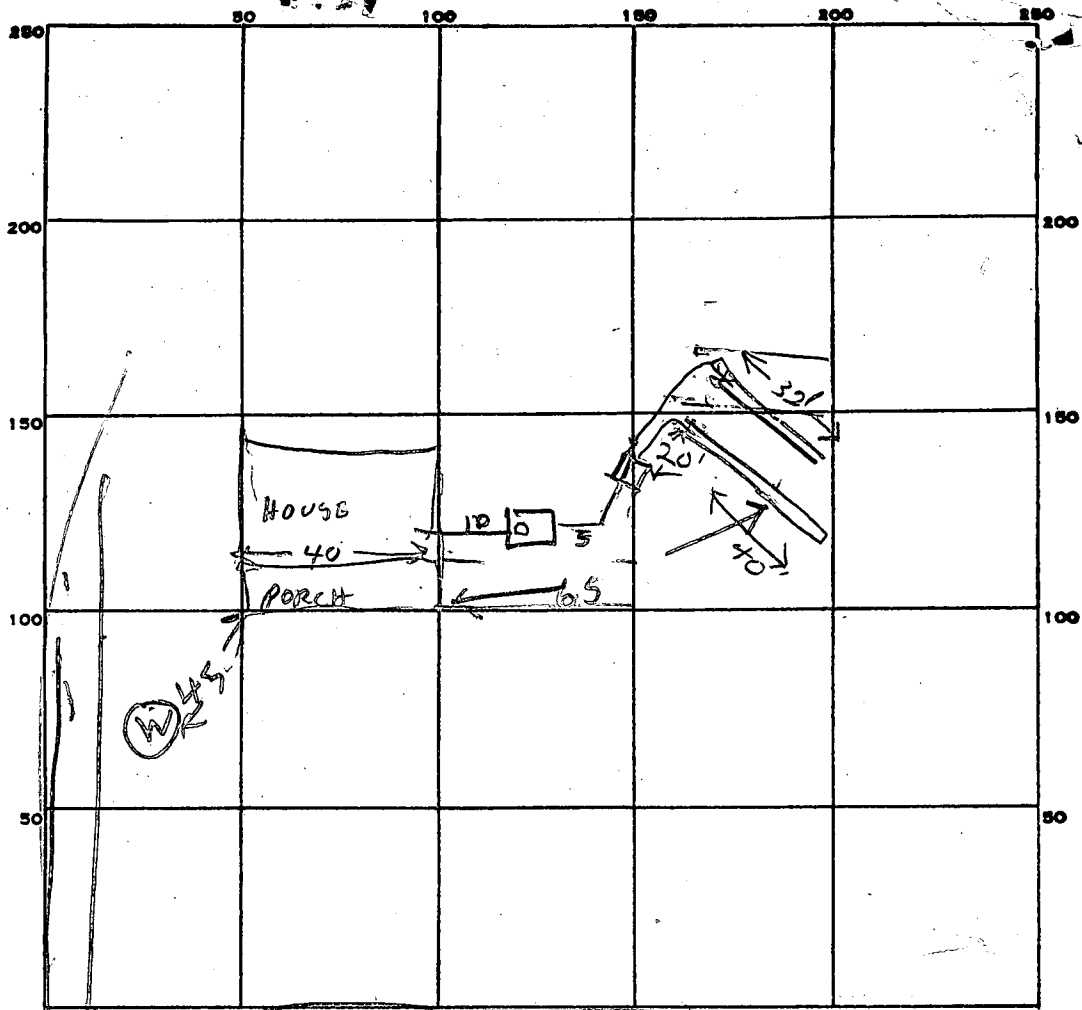
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 30818



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

← TO CHESTER RD B/W

PERMIT CARD

ST

SEPTIC TANK, LEVEL 1000

CLEANOUTS

DISTRIBUTION BOX, LEVEL

#1	#2	#1	#2
9	2 1/2	2	2

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 IN. TOTAL LENGTH 40 FT.

37-2
7
504

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 504

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

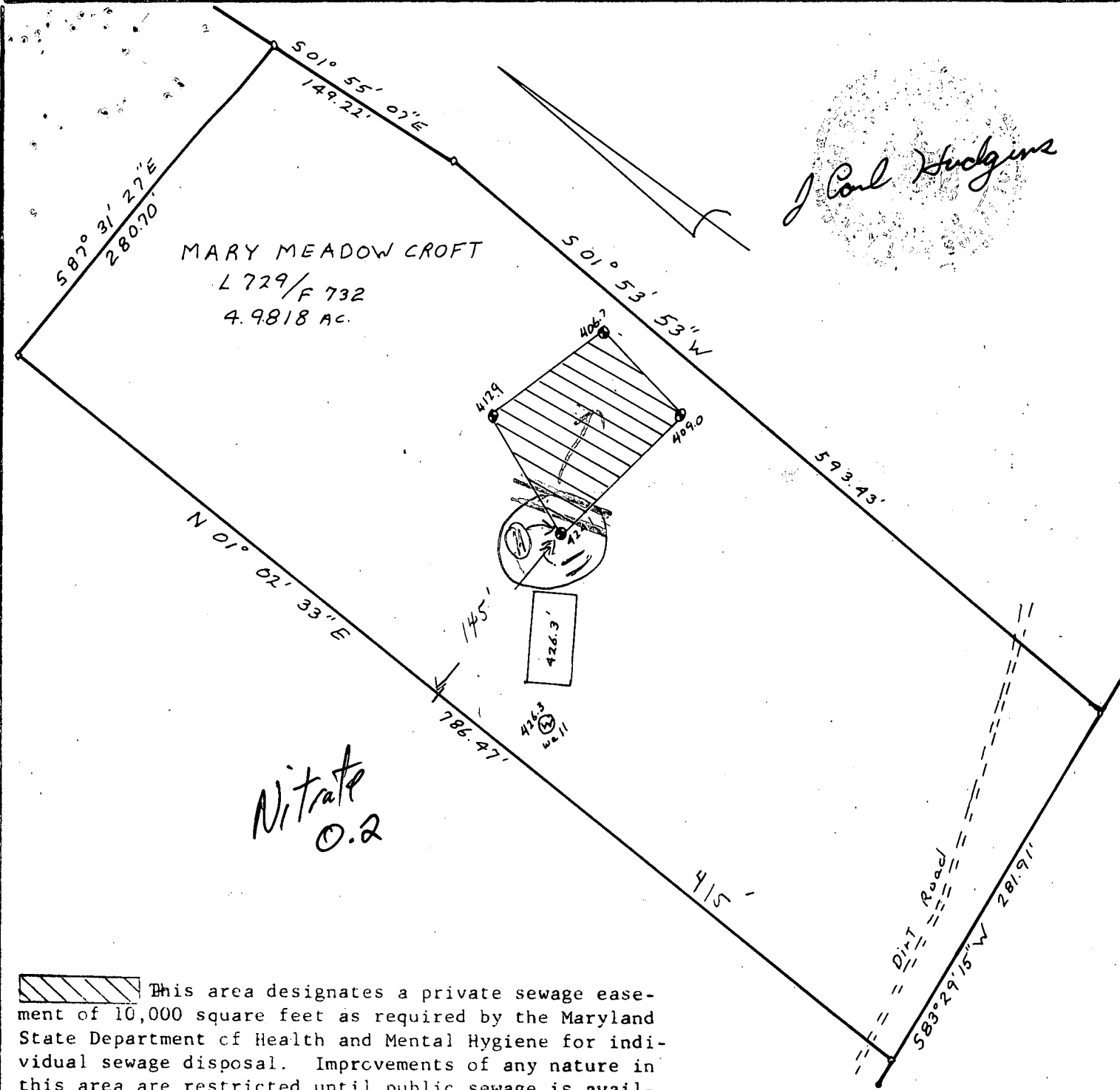
ABSORBENT AREA 504 SQ. FT.

REMARKS 9/11/84 AM SUBTRACT 7 FT LENGTH FROM DITCH #1
BECAUSE OF ROCK HUMP 30 - 7 = 23 FT LONG
LOCATION OK PER PLANS, ADD STONE TO TRENCHES
CALL OK TO COVER TANK & HOUSE SEWER RH
9/11/84 PM - NOTHING DONE RH
9/19/84 OK to cover all work JP

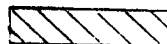
DATE SYSTEM APPROVED 9/19/84

INSPECTOR Stones

J. Carl Hodgins



*Nitrate
0.2*

 This area designates a private sewage easement of 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 sewage is available. These easements shall become null and void upon connection to a public sewage system. Percolation test holes shown hereon have been field located and shown as "●".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

J. Carl Hodgins
County Health Officer

10-29-80
Date

PERCOLATION TEST PLAT
PROPERTY OF
MARY MEADOWCROFT
ON
ILCHESTER ROAD
TAX MAP #31 PARCEL #259
1st ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE 1"=100' DATE 10-16-80

NTT Associates
Suite 307, Clark Bldg.
Columbia, MD 21044
321-0307

C1 3256 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 30818

DATE Received

DATE WELL COMPLETED 06/28/84

Depth of Well 183 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-51-0551

OWNER Wood last name 14939 first name Sachia TOWN Bowie Md. 20716

WELL LOG

Not required for driven wells

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for Brown Shale and Gray granite.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (CEMENT, BENTONITE CLAY), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD

MAIN CASING TYPE, Nominal diameter, Total depth, OTHER CASING (if used) diameter, depth.

SCREEN RECORD

screen type or open hole, insert appropriate code below, DEPTH (nearest ft.)

C 2

DEPTH (nearest ft.) table with handwritten values 40, 41, 183.

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 THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 238
DRILLERS SIGNATURE Joseph L. Moynihan

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

GRAVEL PACK from to
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

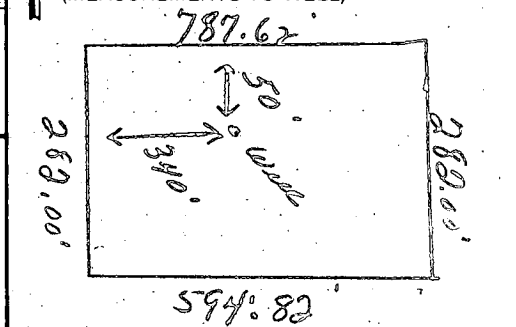
PUMPING TEST

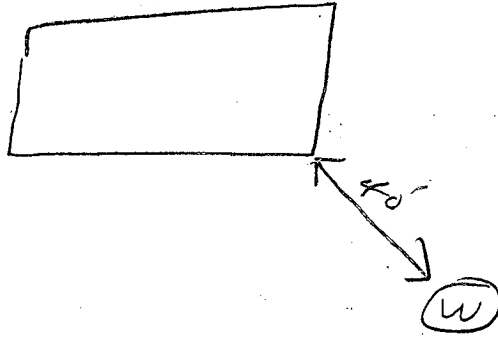
HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min. to nearest gal.), METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL (distance from land surface) BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED (for test).

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO, IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE, TYPE OF PUMP INSTALLED, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT, LAND SURFACE.

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)





9/19/84 - Pitches, Pump & lines installed at
4 ft below grade. Work inside complete
OK to cover all work.

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

SEP 14 8 59 AM '84

DIVISION OF
ENVIRONMENTAL
HEALTH

B 1 3581

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-0551

fill in this form completely

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

please print or type

Date Received 9:30 AM 6/12/84

OWNER INFORMATION: WOOD LEE, 14939 SASHUA LANE, Bowie, MD 20716

LOCATION OF WELL: HOWARD COUNTY, PARCEL 259 TAX MAP 31, SECTION 44, LOT 48, FORT HILL, NEAREST TOWN, MILES FROM TOWN

DRILLER INFORMATION: Joseph H. Mayne, 5512 Ridge Rd. Mt. Airy, Md. 21771, 5/17/84

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) E, NEAR WHAT ROAD 8465 ILCHESTER Rd., ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) E, DISTANCE FROM ROAD 1500 FT

WELL INFORMATION: APPROX. PUMPING RATE (GAL. PER MIN.) 5, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: HOWARD COUNTY, A 30818, DATE ISSUED 052984, CO SIGNATURE Frank Skinner (CW) 11/29/84, NORTH GRID 511000, EAST GRID 0866000

USE FOR WATER (CIRCLE APPROPRIATE BOX): HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) [D]

APPROXIMATE DEPTH OF WELL 140 FEET

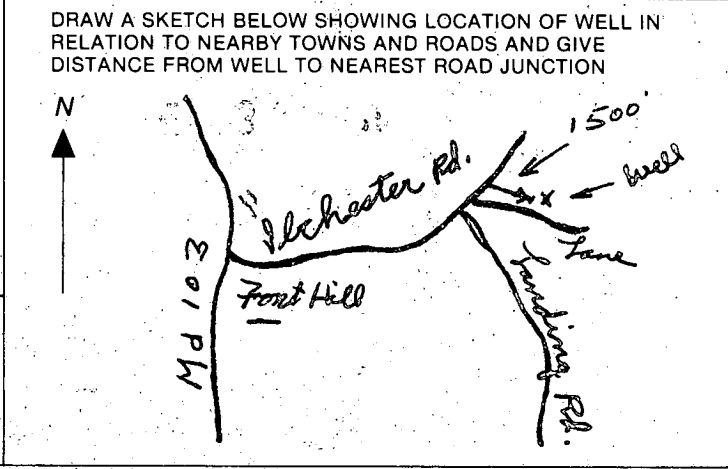
APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one): BORED (or Augered) [X], JETTED, Jetted & DRIVEN, AIR-ROTARY, AIR-PERCussion, ROTARY (Hydraulic Rotary), CABLE, REVERSE-ROTARY, DRIVE-POINT

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX): THIS WELL WILL NOT REPLACE AN EXISTING WELL [N]

Not to be filled in by driller (OEP USE ONLY): APPROX. PERMIT NUMBER GAP, FORCE FS, PERMIT No. HO-81-0551

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X: Location OK, 42'-casing, 35'-open, 8'-bag cement, 6/12/84



APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

30818

*Permit
8/15/80
9:30 AM*

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 1st.

DATE 8/1/80

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 Lee Wood
~~Mary Meadowcroft (Contact Mr. Morris Smith)~~

ADDRESS 4865 Ilchester Rd
Ellcott City, Md 21043 ~~4563 Montgomery Rd~~ PHONE 465-7666 (Smith)

PROPERTY LOCATION:

SUBDIVISION #4865 LOT NO. 21043

ROAD AND DESCRIPTION off Ilchester Road Lee Wood 465-7426
md. 20716

SIZE OF LOT 4.98 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.

SIGNATURE OF APPLICANT Morris G. Smith

BRAPP # 59053

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS: _____ DATE _____

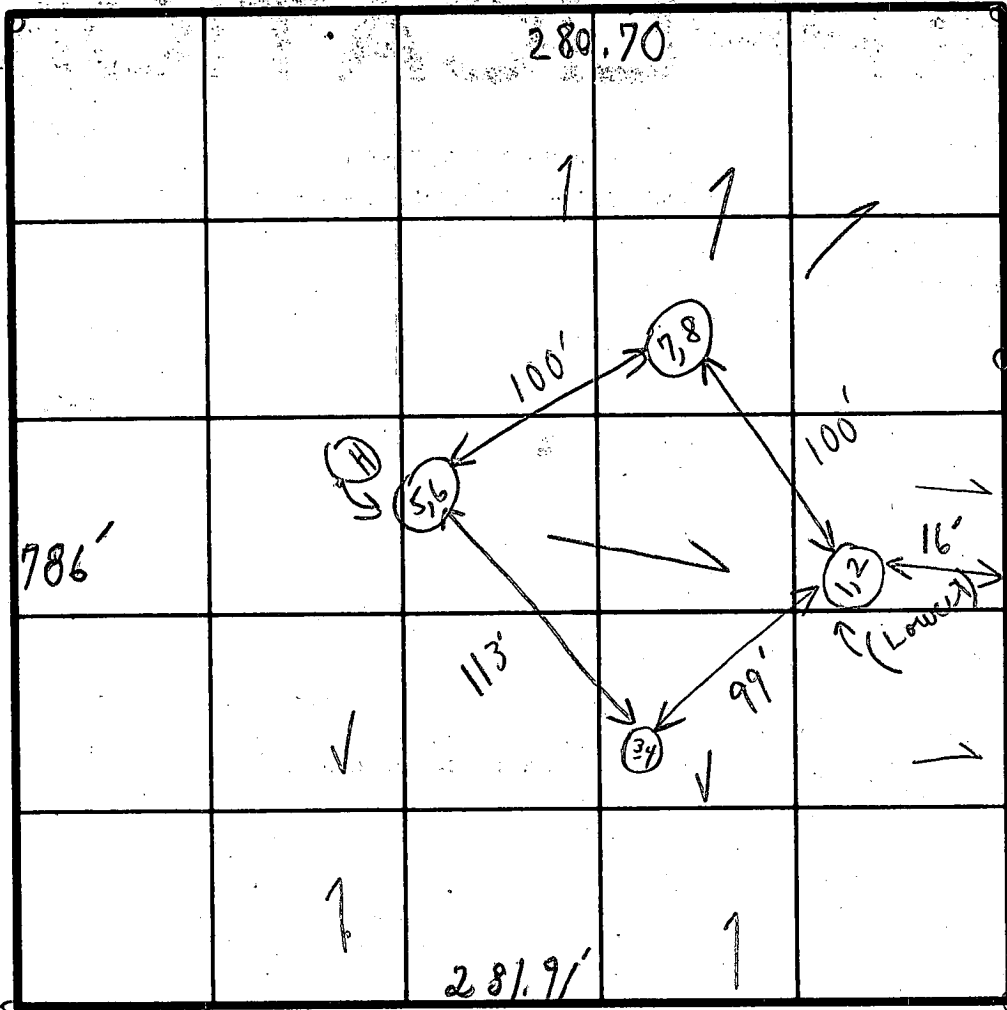
BLDG. PERMIT SIGNED AND RETURNED 6-25-84

REASONS FOR REJECTION OR HOLDING { 8/21/80 FOR UNCERTIFIED HOLES;
(1) HOLE SITE
(2) WELL SITE }

THIS IS NOT A PERMIT

SOIL PROFILE

SEE EACH HOLE BELOW



ILCHESTER RD.

DIRT ROAD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
 1'-2" CLAY
 2'-SANDY LOAM
 1'-3" CLAY
 3 1/2'-12" SANDY LOAM
 1'-2" CLAY
 2'-12 1/2" SANDY LOAM
 1'-2" CLAY
 2'-12" SANDY LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2/21/80	1	4'	1:43	1:49	1:49	2:04	15 min	
	(L) 2	12'	1:43	1:52	1:52	2:20	28 min	
	3	3 1/2'	2:13	2:14	2:14	2:15.5	1.5 min	
	4	12'	2:12	2:14	2:14	2:22	8 min	
	5	2 1/2'	2:24	2:26	2:26	2:29	3 min	
	(H) 6	12 1/2'	2:24	2:27	2:27	2:32	5 min	
	7	2'	2:39	2:	2:	2:		
	8	12'	(Caving)					
							762	
			(COPY - GIVEN MR. KETTERMAN)					

Hard in bottom

9 min average

REMARKS HEAVILY WOODED - LOT

(1) HOUSE SITE
 (2) WELL SITE
 (3) CERTIFIED HOLES

TYPE OF SOIL

TESTED BY

C. B. S.

ALSO PRESENT

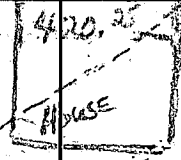
MR. O. KETTERMAN SR.
 MR. M. SMITH
 + MRS. MEADOW CROFT
 + GRAND SON + HELPER

E BEST OF
THE
CURRENT
WE-50 BY
AL RE-
HENRY
MEADOW-
Y DEED
ORDED IN
AS THE LAND
ALLEY LAND.
E BOUNDOS
ES (217,007.20#)

LAWRENCE
216

TO CHESTER ROAD
APPROX 1500'

CONC 485
MONUMENT



421
Tank Out
420.75
Tank In

elder's dr 6/29/81
J.S.

425
420
415
410
405
400
425
430

N01°22'33" E

S01°58'58" W

S83°29'15" W

281.91'

LEE Wood
Parcel 259
4865 ILchester Rd.
Ellicott City, Md. 21043

BOUNDARY AND TOPOGRAPHY SURVEY

~~BY THE ADJUTANT~~

FIRST ELECTION DISTRICT
HOWARD COUNTY MARYLAND