

PERMIT

03-315703

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49968B

A 38110

DISTRICT 3rd

DATE 4/12/94

DATE SYSTEM APPROVED 4/25/94

INSPECTOR ALM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

INDEXED

The Adamson Plumbing & Heating Co., Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 7825 McClellan Avenue, Boonsboro, Maryland 21713 PHONE 416-3968

SUBDIVISION Meadowood, Sec. 2 LOT 36 ROAD 1390 Henryton Road

PROPERTY OWNER Clifford and Debra Taylor

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

$$\begin{array}{r} 3180 \\ \underline{720} \\ 2460 \end{array}$$

$$\begin{array}{r} 246 \\ \underline{31720} \\ 612 \end{array}$$

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - 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 - Place the distribution box 175 feet from the rear (196') lot line and 80 feet from the left (466') lot line as seen when facing the property from Henryton Road. Trenches to follow contour within the platted sewage disposal easement.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 2/24/94 DKS

PLANS APPROVED BY C. Williams

DATE 12/09/93

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

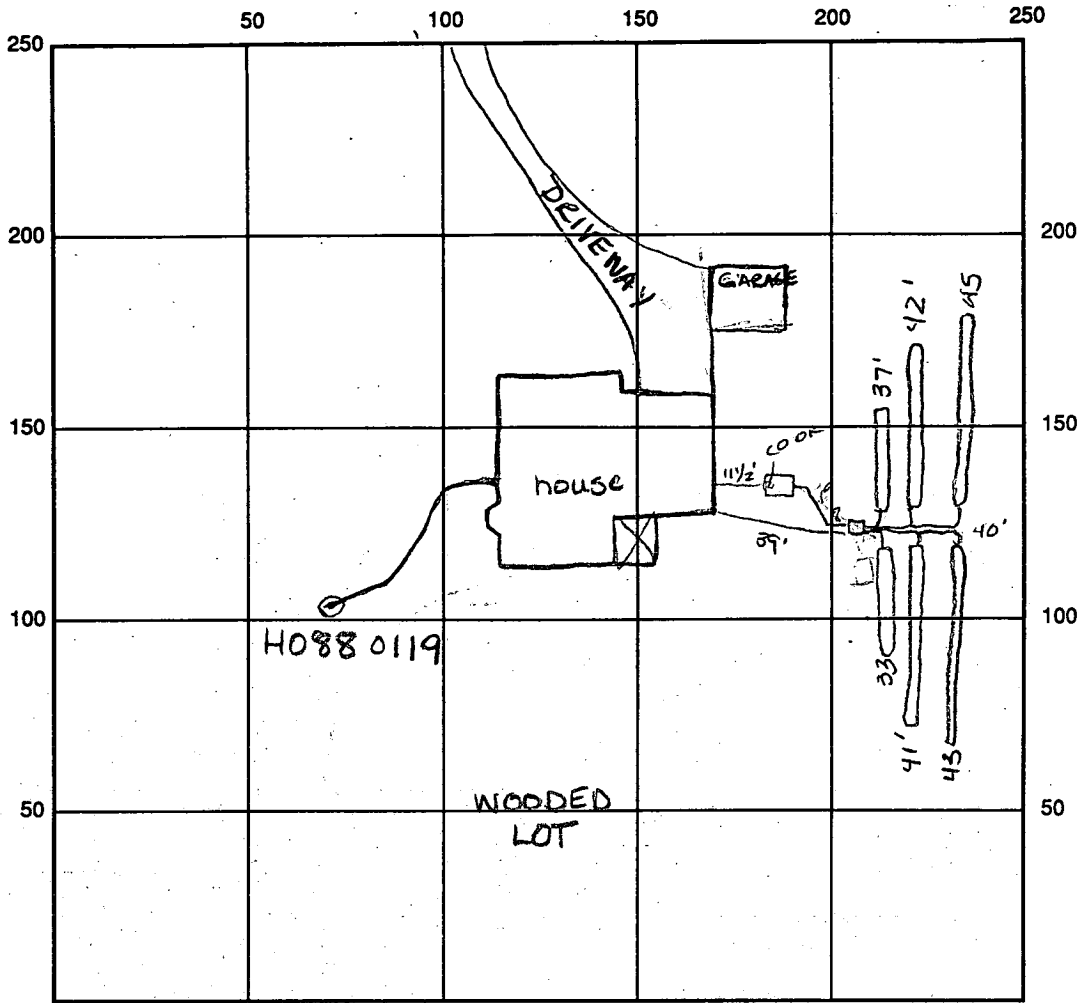
PERMIT VOID AFTER TWO YEARS

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 PVA 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**

A 38110



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

33
 37

 70

 43
 42

 85

 48
 85

 243

 45
 43

 88

SEPTIC TANK LEVEL 1250 gal CLEANOUTS #1 OK
 DISTRIBUTION BOX LEVEL OK baffle is in
 DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3' FT. INLET DEPTH 3' FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 33' 42' 45' = 243' total
 NUMBER OF TRENCHES 6 ONE SIDEWALL/BOTTOM AREA 729 SQ. FT.
 DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
 ABSORBENT AREA SQ. FT.

$$\begin{array}{r} 243 \\ 3 \\ \hline 729 \end{array}$$

REMARKS: 4/25/94 All trenches OK Final inspection OK to cover all work ALM

4/25/94 WPT OK to COVER ALM

DATE SYSTEM APPROVED 4/25/95 INSPECTOR Amy McMillen

APPLICATION

PERCOLATION TESTING

A 38110
P _____

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

DISTRICT _____
DATE 11/28/86

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 Clifford and Debra Taylor
Springhill Associates - c/o D.S. Thaler & Associates, Inc.

ADDRESS 11 Warren Road, Baltimore, MD 21208 PHONE 461-1960
(301) 484-4100

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Meadowood Sec. 2 LOT NO. 36 10/20/87
★ Prelimin.

ROAD AND DESCRIPTION Henryton Road - approximately 4000' north of Tunnel Road
Howard County, Maryland (1390 Henryton Road)

TAX MAP 10 PARCEL # 139

SIZE OF LOT 3+ Acres TYPE BLDG. Single Family
(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.

Mike Sedgwick
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 12/17/86 Perc. Satisfactory, Hold for Subdivision Plat. S.A.M.

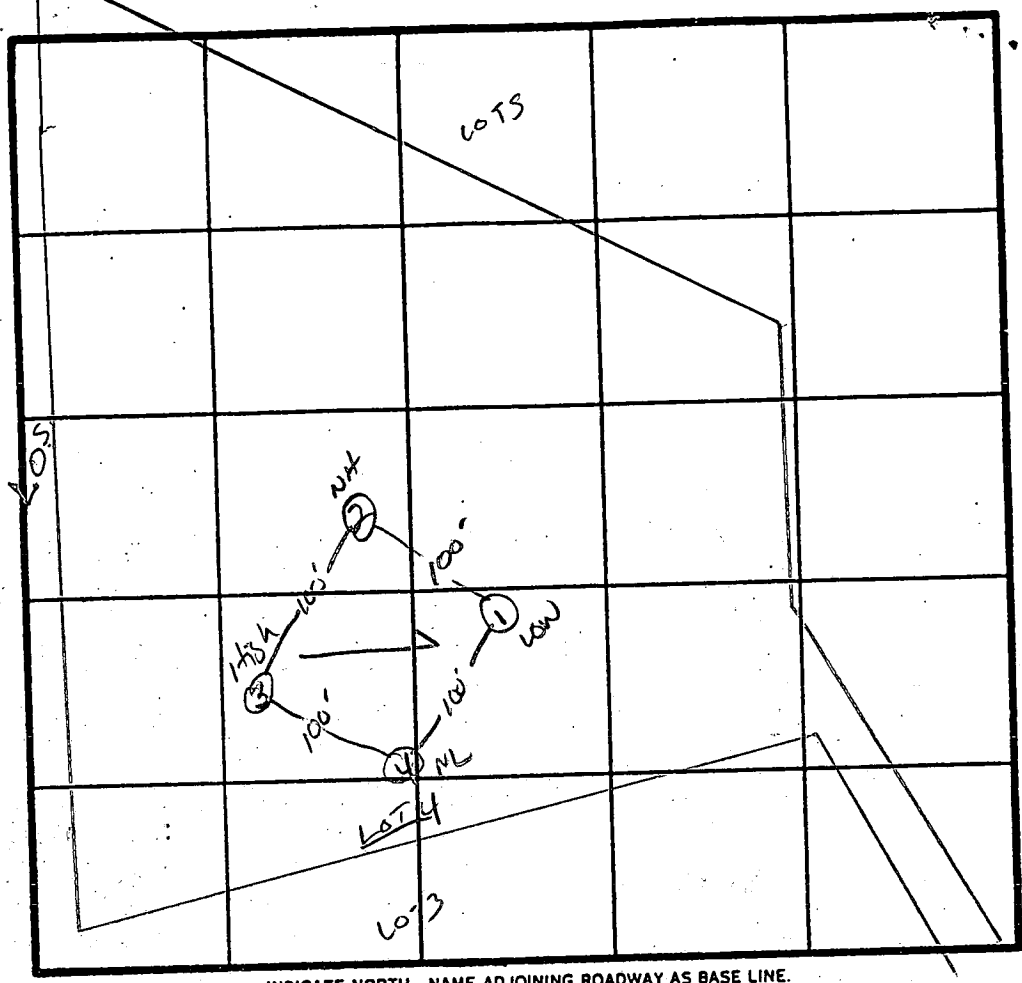
BLDG. PERMIT SIGNED
AND RETURNED 12/9/86
Serial # 57766 -
SFD - 4 Bin.

THIS IS NOT A PERMIT

SOIL PROFILE

①
 4" Yellow BL
 Silt loam
 29% clay
 10-15% Fragments
 3' Tan/Bl
 Sandy silt
 loam
 25-35% Fragments
 10' m/c
 SOLID BOTTOM

②
 4" Yellow BL
 Silt loam 29%
 clay 10%
 Fragments
 3' Tan/White
 SAND LOAM
 20% Fragments
 Slightly
 micaceous
 Few quantities



X Perc
 3 min
 180 #/BA
 INLOT 3'
 BOTTOM 5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ TO HENNINGTON Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/17/84	1 S	3'	2:27	2:28	2:28	2:30	2 MIN
	1 V	10'	SOLID BOTTOM AT 10'				
	2 S	3'	2:38	2:39	2:39	2:43	4 MIN
	2 M	7.5'	2:39	2:41	2:41	2:44	3 MIN
	2 V	12'	UNIFORM SOIL below 3'				
	3 S	3'	2:48	2:49	2:49	2:53	3 MIN
	3 V	12'	SAME AS # 2 W/O		WHITE SAND		
	4 V	✓					

REMARKS SALLOW SUST. ONLY; HOWS PER PLAT

TYPE OF SOIL M/AN/BL/ Gravelly

TESTED BY S. Abel ALSO PRESENT Reery, BD.

B 1 2529

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-88-0119

(THIS NUMBER IS TO BE PUNCHED IN COL'S. 3-6, ON ALL CARDS)

please print or type

fill in this form completely

Date Received (APA)

8 13

OWNER INFORMATION

SPRING HILL ASSOC

1423 RT 32

SYKESVILLE MD 21784

B 3

LOCATION OF WELL

HOWARD

MEADOWOOD

SECTION LOT 36

SYKESVILLE

MILES FROM TOWN (enter 0 if in town) 6 MI

George F. Easterday

40

Driller's Name

77 License No. 80

L. Franklin Easterday, Inc.

Firm Name

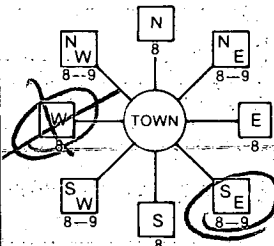
9265 Brown Church Rd., Mt. Airy, Md. 21771

Address

Signature: George F. Easterday Date: 7-16-88

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



HENRYTON RD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 400 FT

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A# 38110 COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 081588 CO SIGNATURE EXP. DATE 2/15/99

NORTH GRID 546000 EAST GRID 082000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
THIS WELL WILL DEEPEMED 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 GAP

FORCE IN BOX WRITE INITIALS IN BOX PERMIT No. HO-88-0119

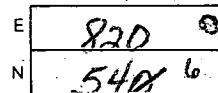
SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

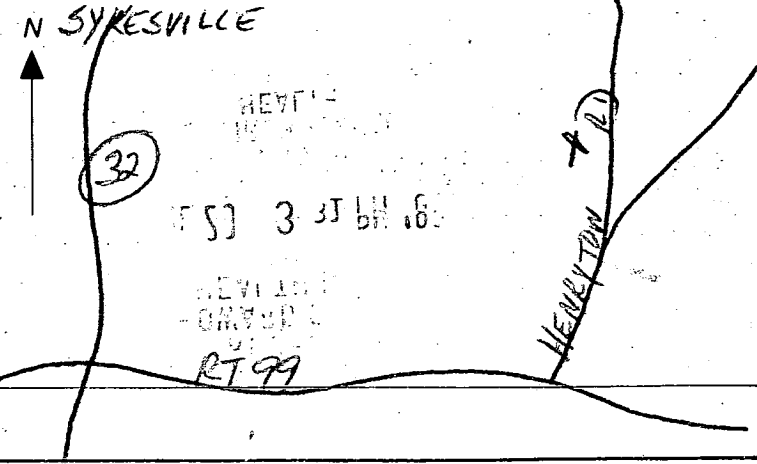
- 1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



Handwritten notes: 9/30/88 AM Well, 13 bags of cement, 35' casing, 29' well grout open hole, 2' casing above ground, [Tag on old C.B.D.]

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



C1 0614

SEQUENCE NO. (DENV 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 6 38110

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

072788

093088

490

HO-88-0119

OWNER SPAZING WELL ASSOC. last name first name TOWN SYKESVILLE, MD. 21784

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 handwritten entries: 100 Soil, 1-20 Red Mica, 20-45 Red Mica, 45-490 Pink Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 135 NO. OF POUNDS 1222 GALLONS OF WATER 65 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 31 ft.

CASING RECORD casing types insert appropriate code below (ST) (CO) (PL) (OT)

MAIN CASING TYPE (ST) Nominal diameter top (main) casing (nearest inch) (6) Total depth of main casing (nearest foot) (33)

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below (ST) (BR) (HO) (PL) (OT)

DEPTH (nearest ft.) 490

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 40

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 10 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 28 34 WHEN PUMPING 50 170 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 YES (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 () below LAND SURFACE (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)

COUNTY

Easterday will
send copy of
corrected well
completion report,
12-2-88 LEN

RECEIVED
HOWARD COUNTY
HEALTH DEPT
OCT 24 4 43 PM '88
MISSISSIPPI
ENVIRONMENTAL
HEALTH

RECEIVED
HOWARD COUNTY
HEALTH DEPT
OCT 24 9 30 AM '88
MISSISSIPPI
ENVIRONMENTAL
HEALTH

8:00
 10-4-88

Review OK MR 2/25/91

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0119
 Location of property (road) HENRYTON
 Subdivision MEADOWOOD Lot 36 Block — Plat — Sec. 2
 Well Driller L. FRANKLIN EASTERDAY Owner SPRING HILL ASSOC.

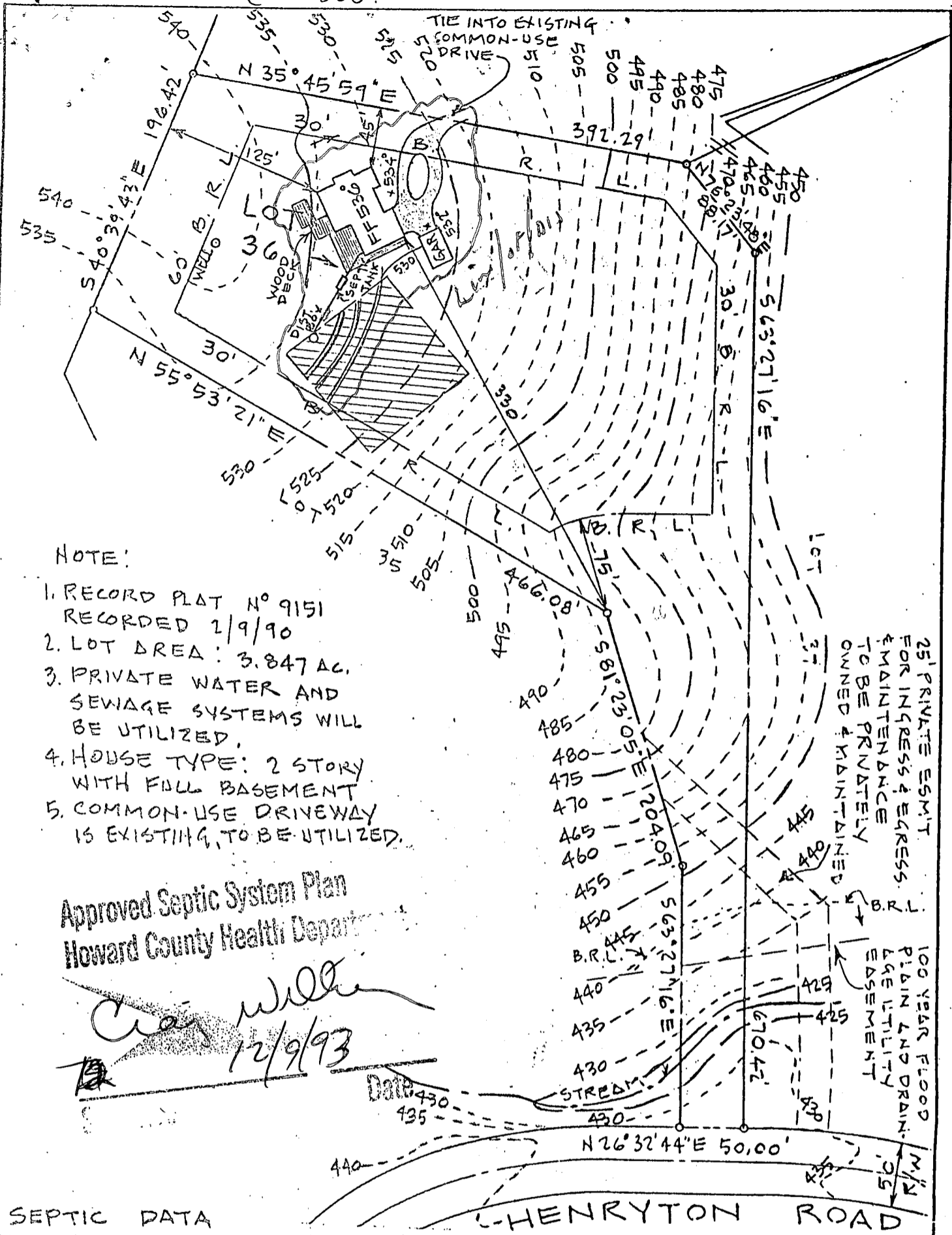
Depth of well 420 1 GPM
 Distance of measuring point (M.P.) above ground 1 ft
 Static water level (S.W.L.) below M.P. 311 ft

I. High rate pumping -- reservoir drawdown

Time pump started 10:00 Pumping rate 10 gpm
 Total time 30 min to reach pumping water level 170' ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE / time to fill * gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
10:30	170'	60 sec	1/4	1 gpm
10:45	170'	60	impact 350'	1
11:00	170'	60	R. L. L. L. L.	1
11:15	170'	60		1
11:30	170'	60		1
11:45	170'	60		1
12:00	170'	60		1
12:15	169'	60		1
12:30	169'	60		1
12:45	169'	60		1
1:00	169'	60		1
1:15	169'	60		1
1:30	169'	60		1
1:45	169'	60		1
2:00	169'	60		1
2:15	169'	60		1
2:30	169'	60		1
2:45	169'	60		1
3:00	169'	60		1
3:15	169'	60		1
3:30	169'	60		1
3:45	169'	60		1
4:00	169'	60		1
4:15	169'	60		1



- NOTE:
1. RECORD PLAT N° 9151 RECORDED 2/9/90
 2. LOT AREA: 3.847 AC.
 3. PRIVATE WATER AND SEWAGE SYSTEMS WILL BE UTILIZED.
 4. HOUSE TYPE: 2 STORY WITH FULL BASEMENT
 5. COMMON-USE DRIVEWAY IS EXISTING, TO BE UTILIZED.

Approved Septic System Plan
Howard County Health Department

Chris Miller
12/9/93
Date

SEPTIC DATA	
HOUSE FIN. FLOOR	536°
" BSM'T SLAB	527°
" SEWER INV.	531°
SEPTIC INV. IN TANK	531°
INV. OUT	5307
" FIN. GRADE	533°
DISTR. INV. IN BOX	530°
FIN GRADE	533°
WELL " "	540°
" EX "	540°

NOTE: TRENCH LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE

ENGINEER
JOHN L. SCHNEIDER, P.E.
100 N. ROLLING RD.
CATONSVILLE, MD. 21128
301-744-1945

GRADING STUDY

LOT 36 SECTION 2 "MEADOWOOD"

3RD ELECTION DISTRICT
HOWARD COUNTY-MARYLAND

SCALE: 1" = 100'

DATE: DEC. 4, 1993

