

6/12/86  
2 P.M.

6-12-86  
Approved  
S. Abley

# PERMIT

P 37119  
A 34722

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXXXXXX~~  
461-9933

[INDEXED]

03-310000

ELLICOTT CITY  
DISTRICT 3rd  
DATE 6/04/86

Kenny Hatfield IS PERMITTED TO INSTALL X ALTER

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

SUBDIVISION Lichendale Farms ROAD 2820 Pfefferkorn Road LOT 6 NEW SUBD. PLAT 4

PROPERTY OWNER Steven K. Breeden

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES X NO \_\_\_\_\_

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 220 sq. ft. per bedroom with garbage disposal. Trench to be 3 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 24 inches of stone below distribution pipe.

LOCATION - Place the distribution box approximately 215 feet from the front lot line (388.00') line and approximately 170 feet from right lot line (374.14' line). Run trenches along level ground toward the left lot line (374.14' line EAST) and right lot line (374.14' WEST) as seen when facing lot from Pfefferkorn Road.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/cw

PLANS APPROVED BY B. Nixon DATE 6/04/86

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: 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.

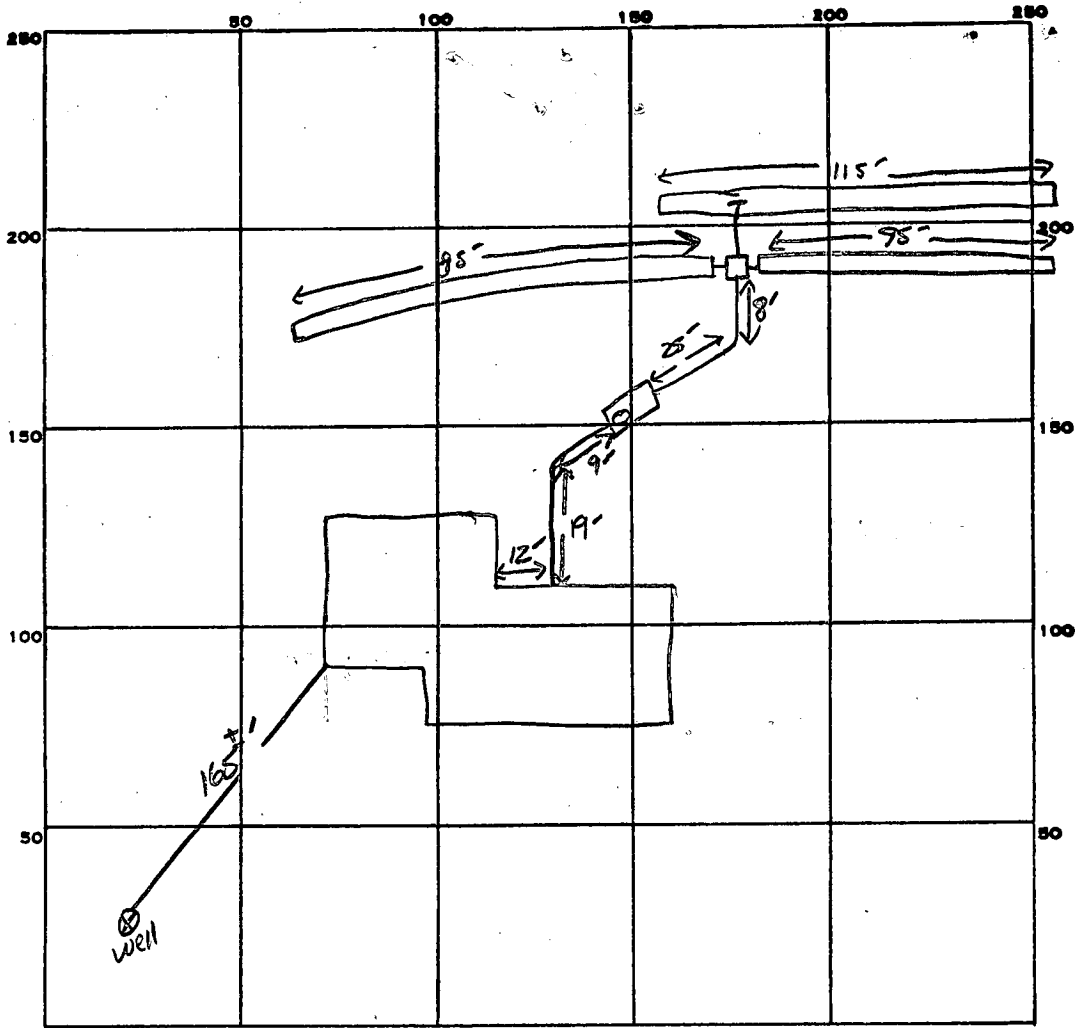
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 34722



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PEPPERKORN Rd,

PERMIT CARD

SEPTIC TANK, LEVEL  2000 GAL

CLEANOUTS  ST

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET 3"

GRAVEL DEPTH 24 IN. TOTAL LENGTH 295 FT.

NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 885  $\phi$

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

ABSORBENT AREA 885 SQ. FT.

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DATE SYSTEM APPROVED 6-12-86

INSPECTOR S. Amel

# APPLICATION

SEWAGE DISPOSAL TESTING

A 34722

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 3rd

DATE 12/28/84

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 Steven K. Breeden (Contract Purchaser)

ADDRESS P. O. Box 417 Ellicott City, MD 21043 PHONE 465-4244

PROPERTY LOCATION:

SUBDIVISION Lichendale Farm, Section A, Area 1 LOT NO. 6

ROAD AND DESCRIPTION Pfefferkorn Road, Between Old Rover Road & Rover Mill Road

SIZE OF LOT 3.333 Ac TYPE BLDG. 3 or 4 bedroom home  
(NUMBER OF 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. I ALSO AGREE TO COMPLY

WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. /s/ Steven K. Breeden  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

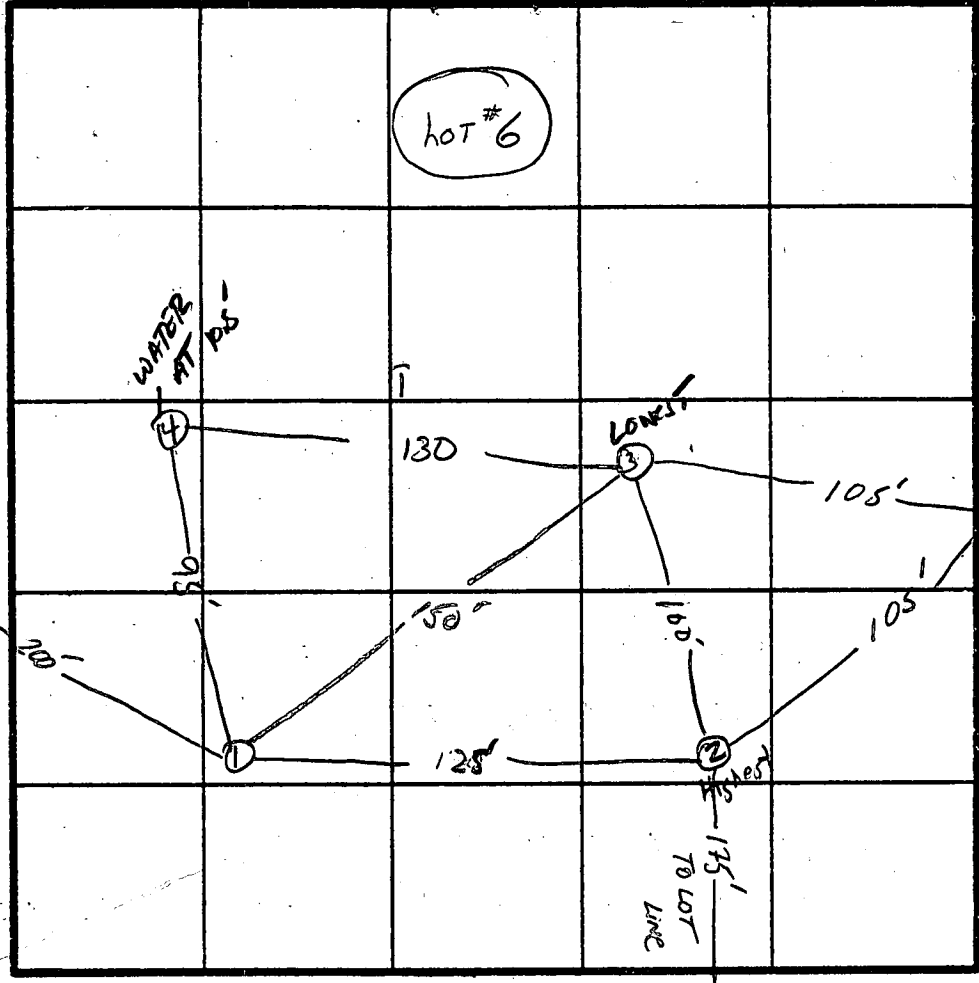
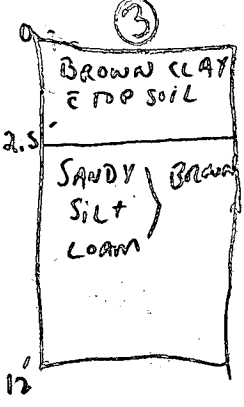
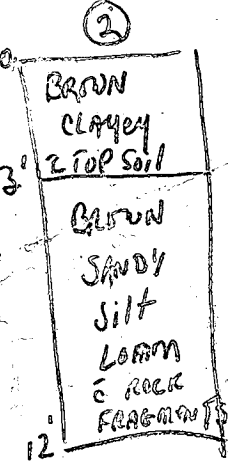
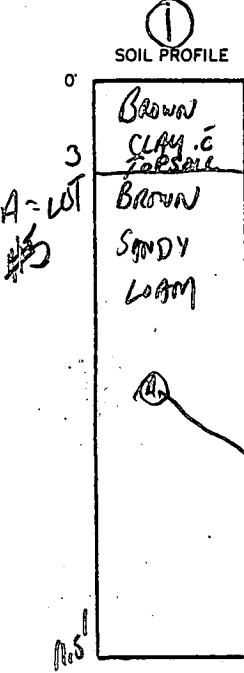
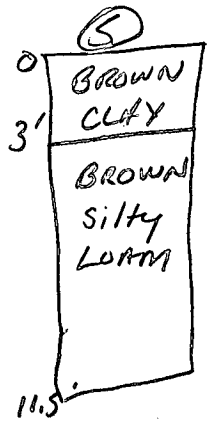
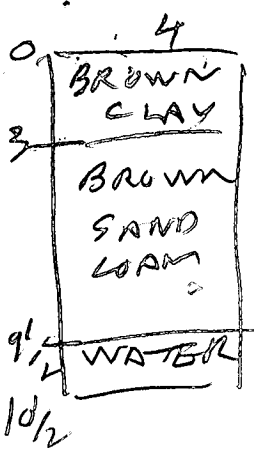
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

## THIS IS NOT A PERMIT

A = hole 6 LOT 5

LOT #6



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
PEPPERKORND RD.

HOLE 2 = HIGHEST  
HOLE 1 = NEXT HIGH  
HOLE 5 = NEXT LOW  
HOLE 3 LOWEST

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/1/85	1S	3 1/2	1223	1227	1227	1232	5
	1V	9 1/2					
	2S	3	1226	1233	1233	1247	14
	2V	10					
	3S	3 1/2	1229	1234	1234	1244	10
	3V	12					
	4V	10 1/2	WATER		9 1/2 FEET		
	5V	12	LOOKS OK TO 12' NO H2O				
	5S	3'	1:23	1:27	1:27	1:32	5 min
	5V	LOOK OK TO 11.5'	UNIFORM SOIL FROM 3-11' FEET				

O.K. for Shallow tile field

15  
14  
10  
5  
34

$\bar{X} = 9 \text{ min}$

X increased to 12 min for shallow system

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY B. HODGES & S ABEL ALSO PRESENT STEVE KEN HARTFIELD

LICHENDALE FARM LOT 2  
PLAT NO. 6071

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
MAY 9 06 AM '88  
SPECIAL  
LABORATORY  
HEALTH

LIMIT OF SUBMISSION  
N 12° 41' 41" E 388.05' 770.64'

BUILDING RESTRICTION LINE

1" = 20'

LOT 7

LOT #6  
3.34 AC.

CELLAR ELEV. 5445  
1<sup>ST</sup> FLOOR ELEV. 5535  
PROPOSED HOUSE

SEPTIC TANK 2'-1"

DISTR BOX

TRENCH #3

TRENCH #2

TRENCH #1

DRIVEWAY

BUILDING RESTRICTION LINE

WELL

WIDENING STRIP BY OTHERS  
UNDER F. 85-49

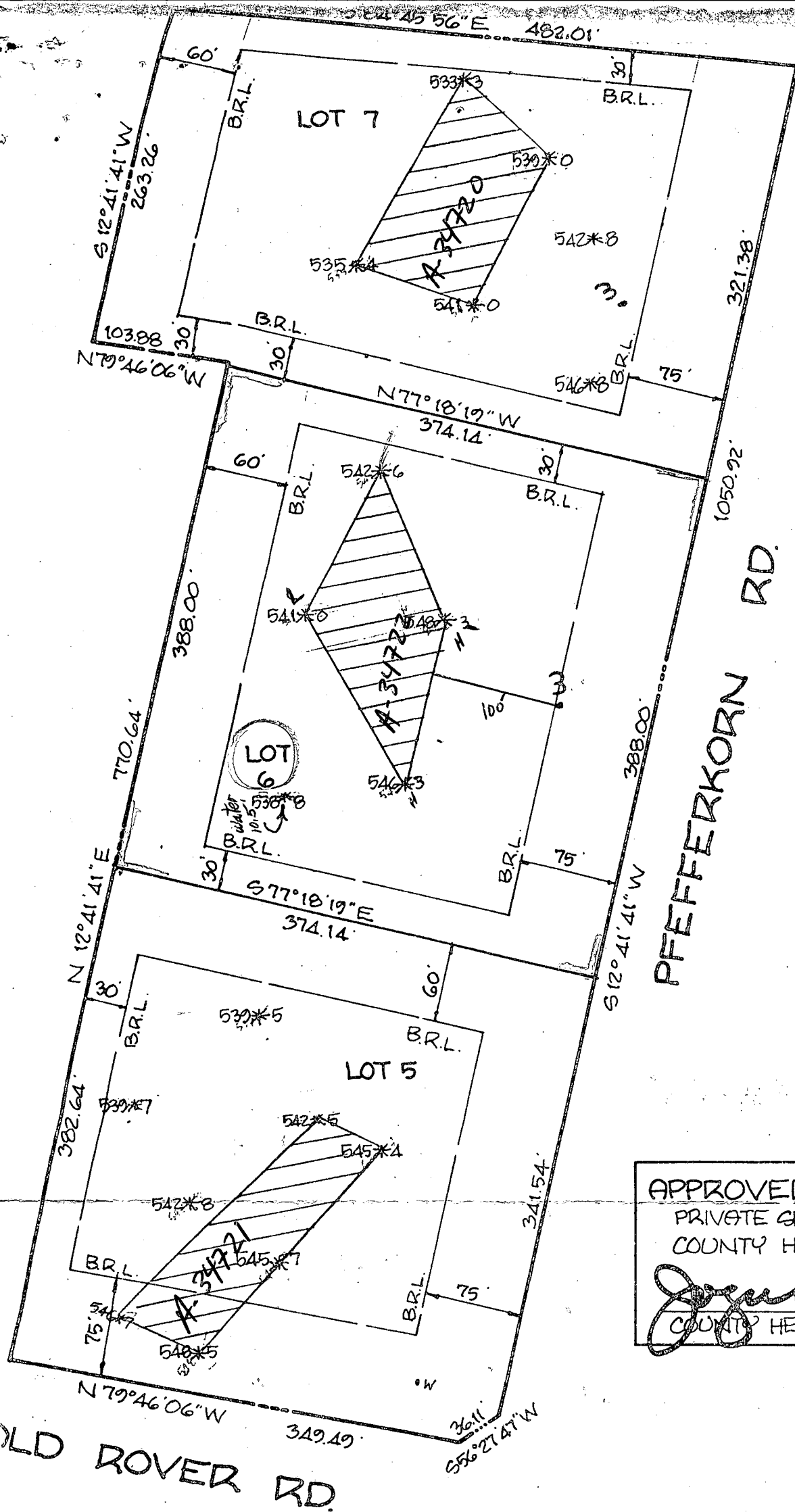
PFEFFERKORN ROAD & ROAD 7

PLAN  
1" = 20'

SEPTIC SYSTEM DATA	
INV. @ HOUSE	541.35 ✓ BASE - 6745
<b>SEPTIC TANK</b>	
EXISTING GRADE :	544.95 ✓ 3'-24" ft.
FINISH GRADE :	543.75 ✓
INVERT IN :	541.05 ✓
INVERT OUT :	540.72 ✓
<b>DISTRIBUTION BOX</b>	
EXISTING GRADE :	544.00 ✓ 7" 25" ft.
FINISH GRADE :	543.80 ✓
INVERT IN :	540.12 ✓
INVERT OUT :	540.06 ✓
<b>TRENCH # 1</b>	
EXISTING GRADE :	544.00 ✓
FINISH GRADE :	543.80 ✓
INVERT IN :	540.00 ✓
BOTTOM OF STONE :	538.00 ✓
WIDTH :	30' ✓
LENGTH :	85.0' ✓
<b>TRENCH # 2</b>	
EXISTING GRADE :	544.10 ✓
FINISH GRADE :	544.00 ✓
INVERT IN :	540.00 ✓
BOTTOM OF STONE :	538.00 ✓
WIDTH :	30' ✓
LENGTH :	90.0' ✓
<b>TRENCH # 3</b>	
EXISTING GRADE :	543.42 ✓
FINISH GRADE :	543.00 ✓
INVERT IN :	539.42 ✓
BOTTOM OF STONE :	537.42 ✓
WIDTH :	30' ✓
LENGTH :	115.0' ✓

A.P. # 69485

OWNER: ELEANOR M. BREEDEN 3161 ROGERS AVENUE ELLICOTT CITY, MD. 21043	PROJECT: <b>LICHENDALE FARM</b> SECTION 1 AREA 1 LOT 6 LOCATION A RESUBDIVISION LOT 4 (PLAT # 6071) 3 <sup>RD</sup> ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DEVELOPER: MR & MRS ERNEST K. BREEDEN 3161 ROGERS AVENUE ELLICOTT CITY, MD. 21043	TITLE: <b>SITE PLAN</b>
DATE: MARCH 1986	PROJECT NO.:
DES.:	DRN: KAM
SCALE: 1" = 20'	DRAWING 1 OF 1



APPROVED: FOR PRIVATE WATER  
 PRIVATE SEWAGE SYSTEMS, HOWARD  
 COUNTY HEALTH DEPARTMENT.

*James Byler*  
 COUNTY HEALTH OFFICER

1/25/85

OLD ROVER RD.

FIELD-LOCATED PERC TEST ELEVATION

HEREON COMPLY WITH THE  
 REQUIREMENTS AND LOT AREA AS  
 REQUIRED BY THE MARYLAND STATE DEPT. OF  
 HYGIENE.

THIS PLAT SHOWS A PRIVATE SEWAGE EASEMENT  
 AS REQUIRED BY THE MD. STATE DEPT.  
 OF HYGIENE FOR INDIVIDUAL  
 SEWERAGE IMPROVEMENTS OF  
 THIS LOT. THIS EASEMENT IS  
 RESTRICTED UNTIL PUBLIC SEWER  
 SERVICE IS AVAILABLE.

FIELD-LOCATED PERC TEST PLAT  
 LICHENDALE FARM  
 SEC. 1, AREA 1, LOTS 5, 6,  
 A RESUBDIVISION OF LOT 4 (PLAT #  
 3RD ELECTION DISTRICT HOWARD CO.  
 SCALE: 1" = 100' DATE: 1/21/1985



B 1 2397

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

MD-81-1367

(THIS NUMBER IS TO BE PUNCHED IN COLS. 36 ON ALL CARDS)

please print or type

fill in this form completely

3-25-86 picked up with sample

Date Received

02-21-86

OWNER INFORMATION

GREENE ERNEST

3161 ROGERS AVE

ELLICOTT CITY MD 21043

B 3

LOCATION OF WELL

HOLLYWOOD

LICHENGALE FARM

SECTION 44-46 LOT 6

GLENELES

MILES FROM TOWN (enter 0 if in town) 3 MI

DRILLER INFORMATION

Ralph Mayne 2737

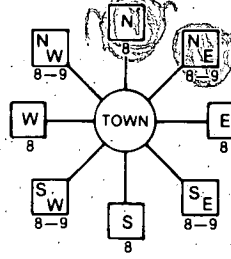
Ralph Mayne (well driller)

9120 Brown Church Rd. Mt. Airy

Ralph Mayne Feb 16, 1986

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



PEPPER KORN Rd

NEAR WHAT ROAD NORTH WEST EAST SOUTH

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)

- 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

HOLLYARD A-34722
COUNTY NAME COUNTY NO.
OEP SIGNATURE STATE HEALTH INSERT S
DATE ISSUED 03/11/86
CO SIGNATURE B. Nixon EXP. DATE 07/11/86
NORTH GRID 531000 EAST GRID 0802000

APPROXIMATE DEPTH OF WELL 740 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

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 DEEPEMED AN EXISTING WELL

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

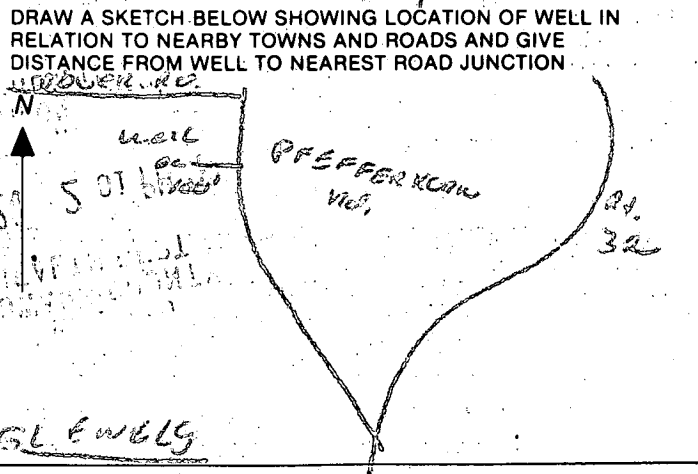
Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE INITIALS PERMIT NO. MD-81-1367

SPECIAL CONDITIONS

3-26-86
Ground 3-25-86
Hollyday
well location ok
50 bags cement
water samples present
S. Blvd
well
H9688



C1 00426 SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 34722

DATE Received [ ] DATE WELL COMPLETED 032586 Depth of Well 100 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-1369

OWNER BRESIDEN JRNST first name STREET OR RFD PEEPERKORN RD TOWN GLENELG SUBDIVISION LICHENDALE FARM SECTION LOT 6

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		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	7	
SAND STONE	7	15	
MICKA	15	21	
SAND STONE	21	25	✓
MICKA	25	25	
SAND STONE	25	80	✓
MICKA	80	100	

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES  NO   
 TYPE OF GROUTING MATERIAL CEMENT  BENTONITE CLAY   
 NO. OF BAGS 5 NO. OF POUNDS 500  
 GALLONS OF WATER 30  
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 18 ft.

CASING RECORD  
 casing types insert appropriate code below  
 MAIN CASING TYPE PL 6 21  
 Nominal diameter (nearest inch) Total depth of main casing (nearest foot)  
 OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD  
 screen type or open hole insert appropriate code below  
 ST BR HO STEEL BRASS OPEN HOLE  
 PL OT PLASTIC OTHER  
 C 2 DEPTH (nearest ft.) HO 19 100

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  
 70 72 74 75 76  
 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 25 WHEN PUMPING 25  
 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)

CIRCLE APPROPRIATE LETTER  
 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" 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. 273  
 DRILLERS SIGNATURE  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

