

7-7-86
ASAP

WPT
7/14/86
B 7:47 AM

7-7-86
approved
S. Steel

PERMIT

P 37325
A 34837

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
X992X2330X
461-9933

ELLICOTT CITY
DISTRICT 5th
DATE 7/2/86

INDEXED

05-398339

Jack Fyock IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Pheasant Landing ROAD 4495 Linthicum Road LOT 19

PROPERTY OWNER DeSousa
4495 Linthicum Road

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start first trench 255 feet from the rear lot line and 155 feet from the left lot line as seen when facing the property from Linthicum 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 and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *ok/cw*

PLANS APPROVED BY C. Williams DATE 1/23/86

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.

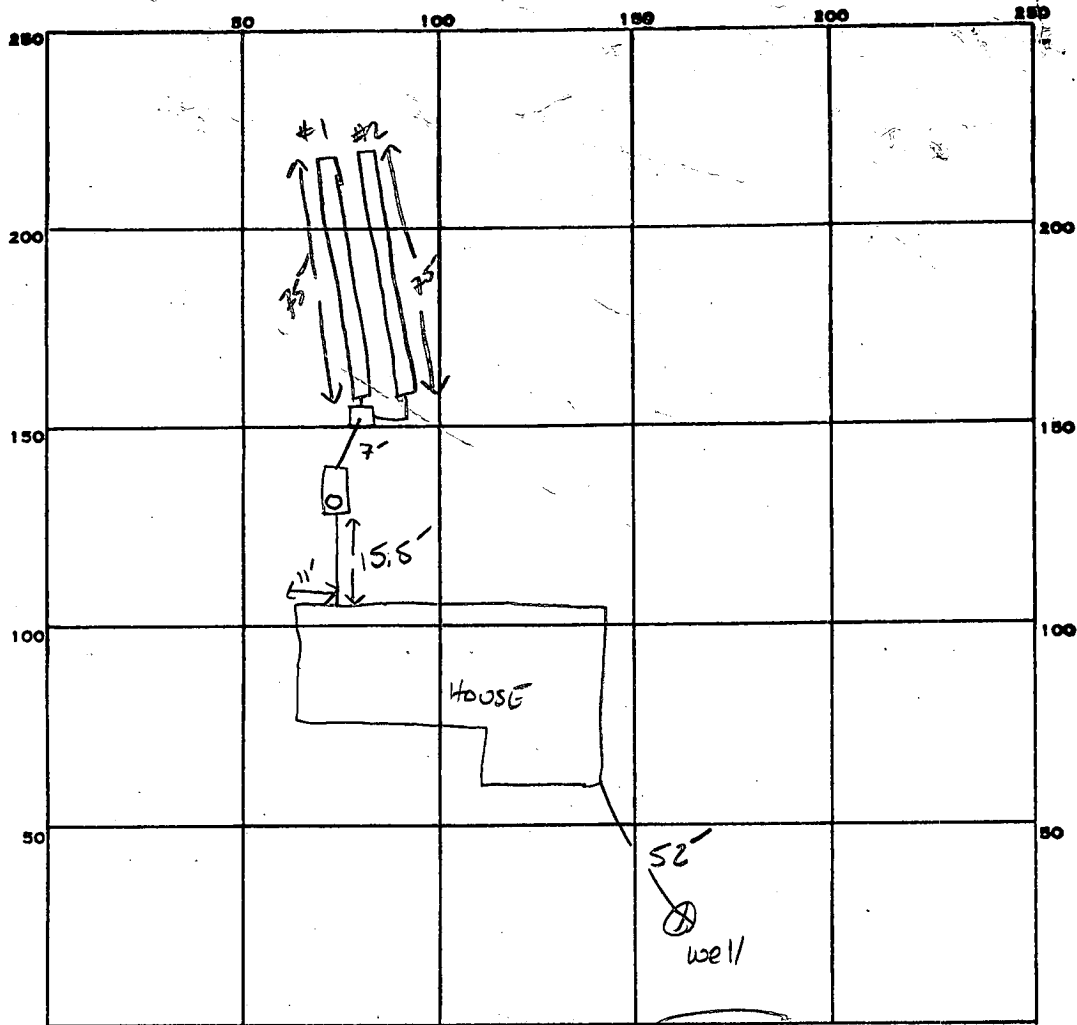
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 34837



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

LITHIUM RD. COURT

PERMIT CARD

SEPTIC TANK, LEVEL 1500 GAL

CLEANOUTS

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH ^① 8.5' ^② 8' FT. TRENCH WIDTH 2 FT. INLET 3

GRAVEL DEPTH ^① 5' ^② 5' IN. TOTAL LENGTH ^① 75' ^② 75' FT. TOTAL 150'

NUMBER OF TRENCHES 2 ONE SIDE WALL TOTAL BOTTOM AREA 750

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

ABSORBENT AREA 750 SQ. FT.

REMARKS 7/7/86 OK TO START #1 1/2 DIA #2 S.A

DATE SYSTEM APPROVED

7-7-84

INSPECTOR

S. Abel

144
6 720
y 22
22 22 up

C.W. HAS
Specs for
Disposal

APPLICATION

SEWAGE DISPOSAL TESTING

A 34837

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5th

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

DATE 1/17/85

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 ~~Kennard Warfield, Jr.~~ De Sousa

ADDRESS 14663 Triadelphia Road
Glenelg, Maryland 21737 PHONE Don Reuwer - 465-4920

PROPERTY LOCATION:
SUBDIVISION Warfield Property LOT NO. 20
Lot 19
Lot 15 RESUBDIVISION OF
LOT 3

ROAD AND DESCRIPTION # 4495 Linthicum Road

SIZE OF LOT _____ TYPE BLDG. 3 or 4 Bedrooms
(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/ Kennard Warfield, Jr.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS C. Wilber DATE 1-28-85

REASONS FOR REJECTION OR HOLDING SUBDIVISION PLAT/ CERTIFIED LOCATIONS REQ'D.

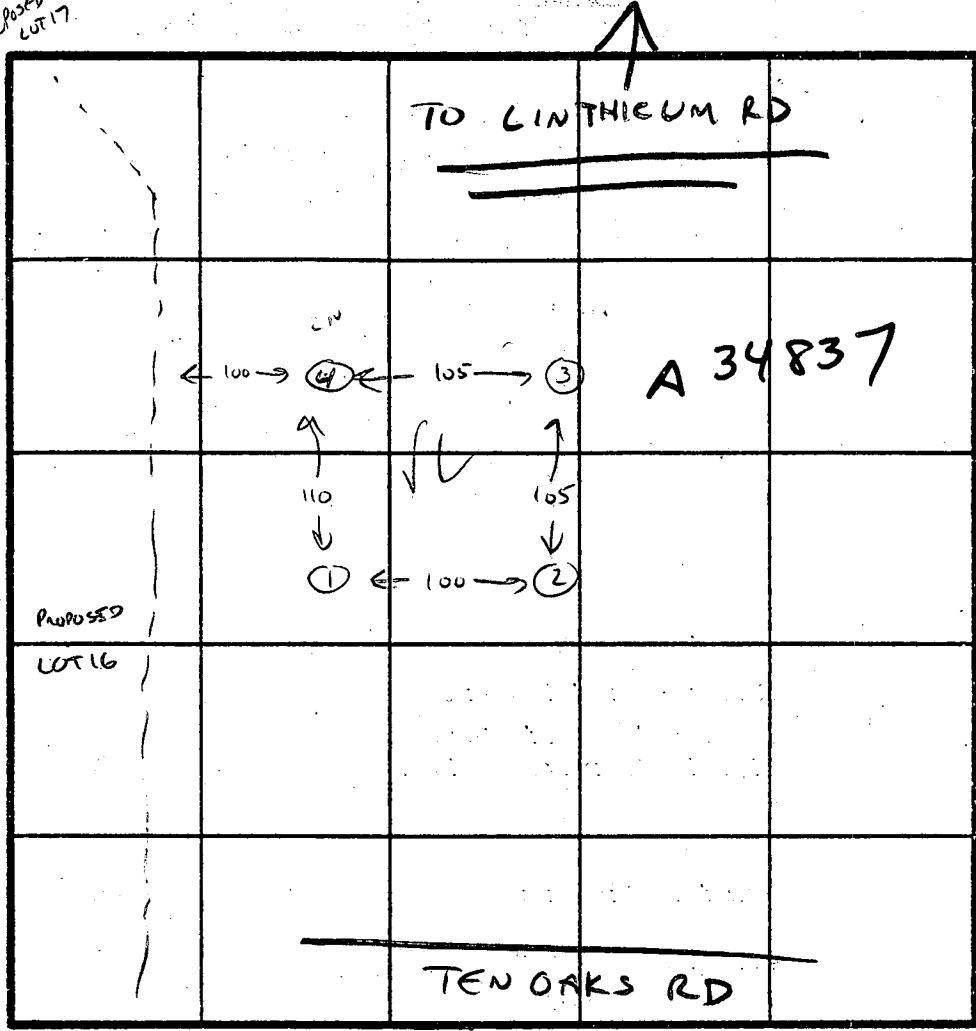
B.P. # 69119

BLDG. PERMIT SIGNED
AND RETURNED 3/7/85

Serial #69119 STD

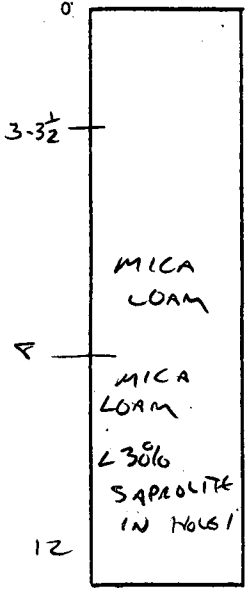
THIS IS NOT A PERMIT

PROPOSED LOT 17



ALL HOLES

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-28-85	1	3	12:50	12:51	12:51	12:53	2 MIN
		8	VISUAL OK				
		12	LOAM -	SOME (23%) SAPROLITE			
1-28-85	2	3	12:40	12:42	12:42	12:44	2 MIN
		8					
		12	MICA LOAM				
1-28-85	3 <i>HIGH</i>	3 1/2	12:58	1:01	1:01	1:04	3 MIN
		8	VISUAL OK				
		12	MICA LOAM				
1-28-85	4 <i>2nd HIGH</i>	3	12:44	12:46	12:46	12:48	2 MIN
		8	VISUAL OK				
		12	MICA LOAM				
(HOLES 3 & 2 DEFINE LEFT SIDE OF PEAC AREA ON FINAL PLAT) RIGHT SIDE OF PEAC AREA TESTED AS A 34838							

SEE OTHER SHEET FOR LAYOUT

REMARKS SUBDIVISION PLAT REQ'D.

TYPE OF SOIL MICA LOAM

TESTED BY CW [Signature] ALSO PRESENT (6776LM XJ)

EH-12-1079

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 34837

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 5th

DATE 1/17/85

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 Kennard Warfield, Jr.
ADDRESS 14663 Triadelphia Road
Glenelg, Maryland 21737 PHONE Don Reuwer - 465-4920

PROPERTY LOCATION:

SUBDIVISION Warfield Property LOT NO. 2-e

ROAD AND DESCRIPTION Linthicum Road

SIZE OF LOT _____ TYPE BLDG. 3 or 4 Bedrooms
(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/ Kennard Warfield, Jr.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

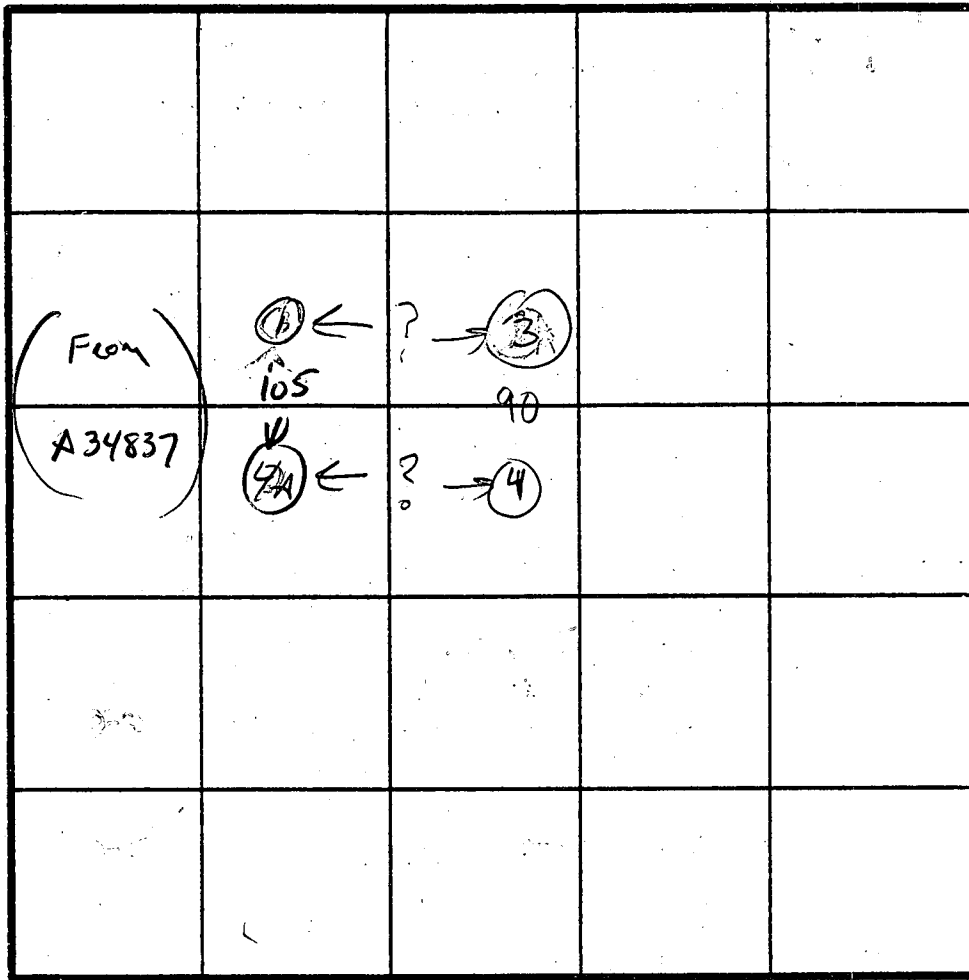
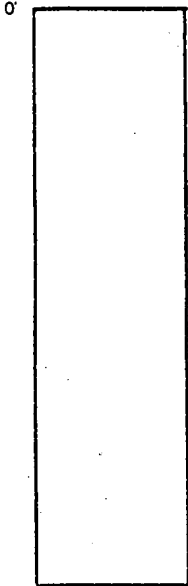
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/28/85	1	3 8	12:50 VIS OK	12:51	12:51	12:53	2 MIN
"	2	12	MICA	LOAM			
1/28/85	4A	3 8	12:44 VIS OK	12:46	12:46	12:48	2 MIN
		12	MICA	LOAM			
1/27/85	3A	4 12 1/2	3:55 VIS OK	3:57	3:57	3:59	2 MIN
1/27/85	4	2 1/2 12	4:10 VIS OK	4:14	4:14	4:17	3 MIN

SEE
SECOND
SHEET
OF
A 34837
FOR PROFILE

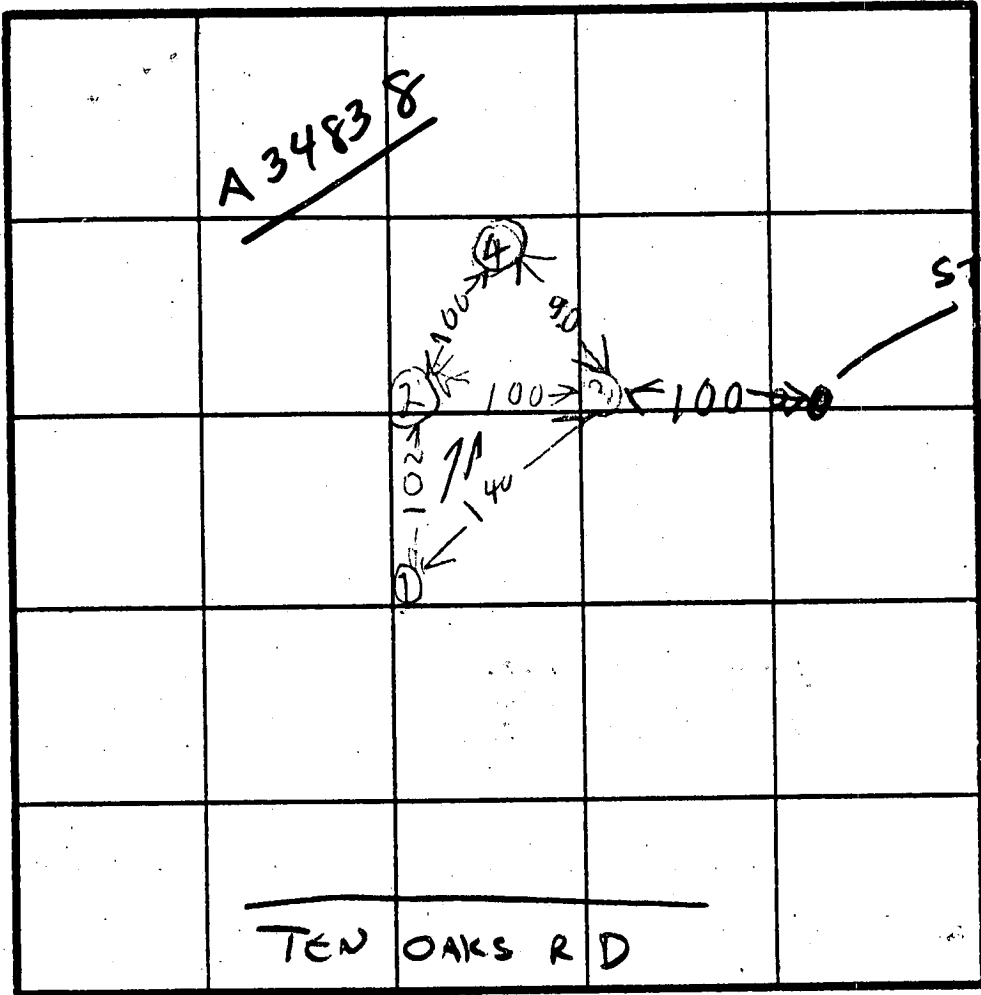
SEE
A 34838
(LOT 16)
FOR
SOIL PROFILE

REMARKS _____

TYPE OF SOIL MICA LOAM

TESTED BY CW & RH ALSO PRESENT _____

LINTHICUM RD.



HOLE ELEVATION

HOLE =

① HIGHEST

②③ MEDIUM

④ LOW

SOIL PROFILE

0

2

12

①

BROWN CLAY

BROWN GRAY SAND LOAM & FEW ROOTS

②③

BROWN CLAY

BROWN GRAY SAND LOAM

④

BROWN CLAY

BROWN SAND LOAM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/19/5	1 V	4	342	346	346	349	3
	1 V	12 1/2	LOOKS	OK			
	2 V	3	350	356	356	402	6
	2 V	12	LOOKS	OK			
	3 V	4	355	357	357	357	2
	3 V	12 1/2	LOOKS	OK			
	4 V	2 1/2	410	414	414	417	3
	4 V	12	LOOKS	OK			

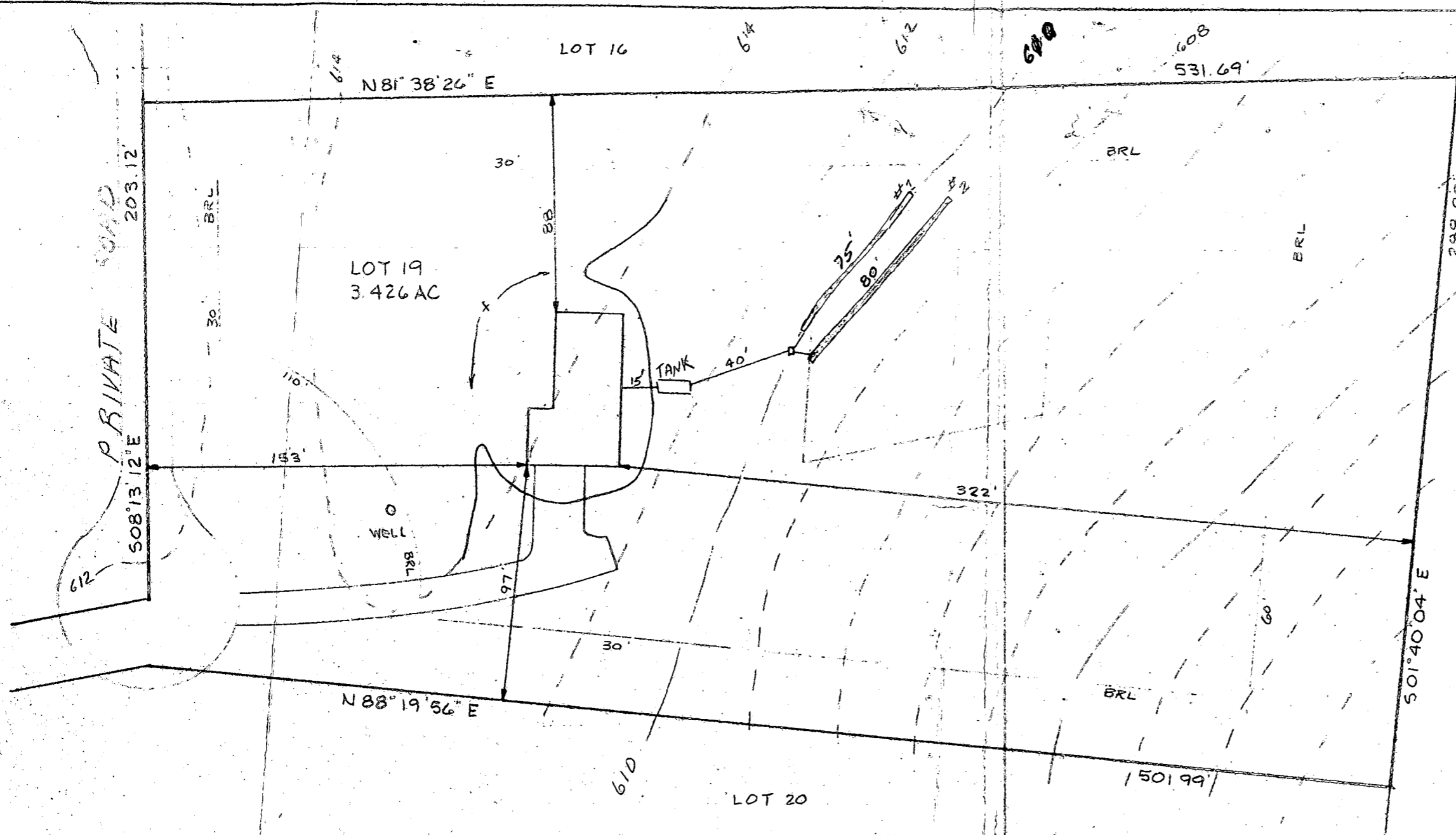
REMARKS _____

TYPE OF SOIL _____

TESTED BY B. HODGES & S. ABEL

ALSO PRESENT OKETTERMAN

EH-12-1079 Lot 16



HOUSE:		
✓ FIRST FLOOR		816.0
✓ BASEMENT		807.0
✓ INVERT		609.18
SEPTIC TANK:		
✓ EXISTING GRADE		612.5
✓ PROPOSED GRADE		613.1
✓ INVERT IN		607.87
✓ INVERT OUT		607.62
DISTRIBUTION BOX:		
✓ EXISTING GRADE		610.0
✓ INVERT IN		607.2
✓ INVERT OUT		607.1
TRENCHES:		
	#1	#2
✓ INVERT	607.0	606.2
✓ BOTTOM	602.0	601.2
✓ STONE	5.0	5.0
✓ WIDTH	2'	2.0
✓ LENGHT	75'	80'

I certify the above measurements and elevations to be actual and true for this property.

J. Carl Hudgins
 J. Carl Hudgins

B.P. # 69119
 De Soosa

1" = 50'

Septic Tank Location &
 3-7-86. J.F.

PLOT PLAN
 LOT 19
 PHEASANT LANDING
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MD.
 SCALE 1" = 50' DATE 2/28/86

RECEIVED
 HOWARD COUNTY HEALTH DEPT.
 MAR 6 9 01 AM '86
 DIVISION OF ENVIRONMENTAL HEALTH

B 1. **2219** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

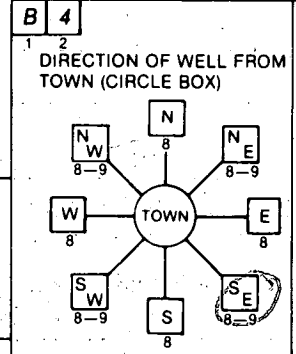
STATE OF MARYLAND PERMIT TO DRILL WELL
 please print or type

OEP PERMIT NUMBER
41-81-1295
 fill in this form completely

Date Received **1/22/86 10:30 AM**
OWNER INFORMATION
 15 Last Name **DESOUZA** Owner First Name **TEAGUIW**
 36 Street or RFD **308 OLIVER ST**
 57 Town **LAWHAM** 70 State 72 **MD** Zip 76 **20704**

B 3. **LOCATION OF WELL**
 8 COUNTY **HOWARD** 21
 23 SUBDIVISION **MANSANT LANDINGS** 42
 SECTION **44-46** LOT **19** 48 50
 52 NEAREST TOWN **CHEMAG** 71
 MILES FROM TOWN (enter 0 if in town) **1** 73 76 77 78 **MI**

DRILLER INFORMATION
 Driller's Name **RALPH WAYNE** 77 License No. 80 **227**
 Firm Name **Ralph Wayne Well Drilling**
 Address **9120 Brown Church Rd. Mt. Airy**
 Signature **Ralph Wayne** Date **12/27/85**



NEAR WHAT ROAD **LINTHICUM Rd** 30
 CN WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 34 **1500** 37 DISTANCE FROM ROAD
 ENTER FT or MI **FT** 38 39

B 2. **WELL INFORMATION**
 1 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)
 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
 COUNTY NAME **UNMAD** COUNTY NO. **A 34837**
 OEP SIGNATURE _____ STATE HEALTH INSERT S 41
 DATE ISSUED **1/29/86** CO SIGNATURE **John Abel** EXP. DATE **07/31/86**
 NORTH GRID **515000** 43 48 55 EAST GRID **0802000** 57 63

APPROXIMATE DEPTH OF WELL **150** 24 28 FEET

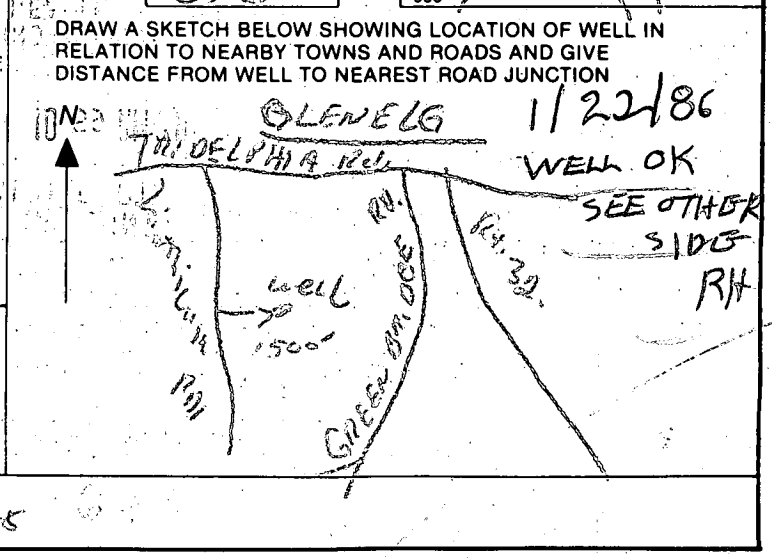
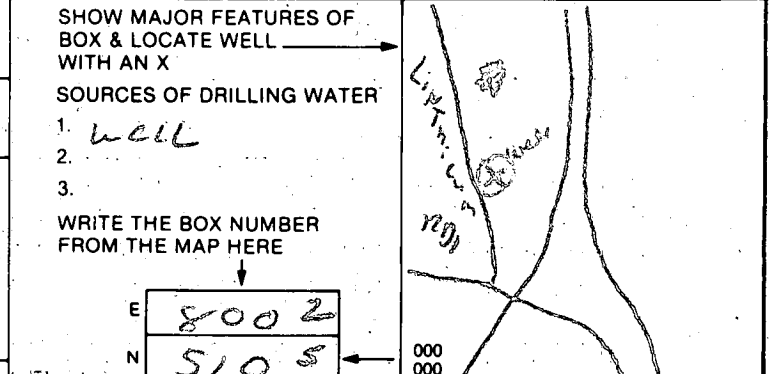
APPROXIMATE DIAMETER OF WELL **6"** NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 37 CABLE REVERSE-ROTARY Drive-POINT
 other _____

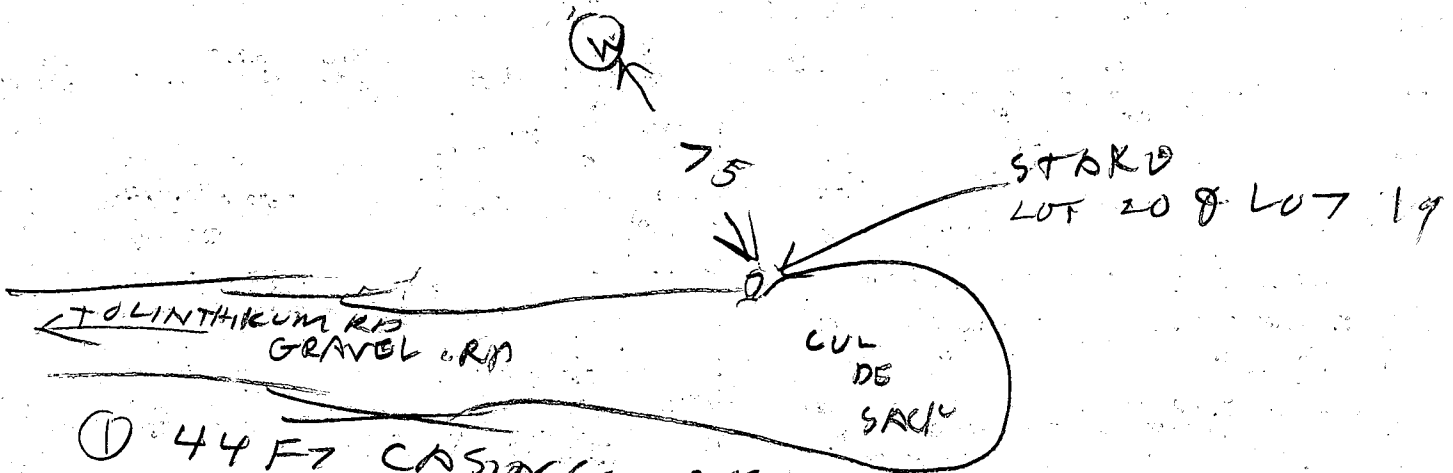
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPM AN-EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ 54 GAP _____ 63
 FORCE WRITE INITIALS IN BOX PERMIT No. **41-81-1295** 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS **40760 105**



7 FENTHOMAS RD



- ① 44 FT CASING 2 FT OUT OF GROUND
- ② 39 FT OPEN HOLE
- ③ LOCATION LOOKS OK
- ④ 9 BAGS USED
- ⑤ WELL OK

11/22/86

DIVISION OF ENVIRONMENTAL HEALTH
R. HOFFER

NOV 23 9 59 AM '86

RECEIVED
HOWARD COUNTY
WATER DEPT.
180
\$0.0/hr

170
15
850
170
255
100
435

