

11/4/98
C.O.
as late as possible
1/2.99
pump Test
11:30

PERMIT

2/11/99 needs septic test (km)
OK
P 510577

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 41421

DISTRICT 3rd

03-283836

DATE 7-22-98

HOWARD COUNTY HEALTH DEPARTMENT

INDEXED

BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 3/25/98

INSPECTOR *[Signature]*

3/24/99
10:00
pump check

Jack Fyock Septic Services, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS P.O. Box 89, Glenelg, Md 21737 PHONE 410-988-9270

SUBDIVISION King's Gift LOT 17 ROAD 11616 NORWICH LANE
~~11762 Frederick Road~~

PROPERTY OWNER Michael & Judy Crable

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS TOP SEAMED SEPTIC TANK PUMP SEPTIC SYSTEM ONLY

NUMBER OF BEDROOMS 4

INSTALL: 1250 Gallon Top Seamed Pump Chamber
NOTE: - Septic pump detail to be provided by installer prior to issuance of septic permit.

210 SQUARE FEET PER BEDROOM

NOTE: - Pump performance test is necessary prior to Health Department approval of pumped septic system.

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - 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. 2.0 feet of stone below distribution pipe.

LOCATION - Start the first trench 165 feet from the West (690') lot line and 165 feet from the North (305') lot line. Run trenches along contour toward West side of lot.

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

OK km 6-29-98

PLANS APPROVED BY C. Williams/Amy McMillen DATE 6/22/98

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

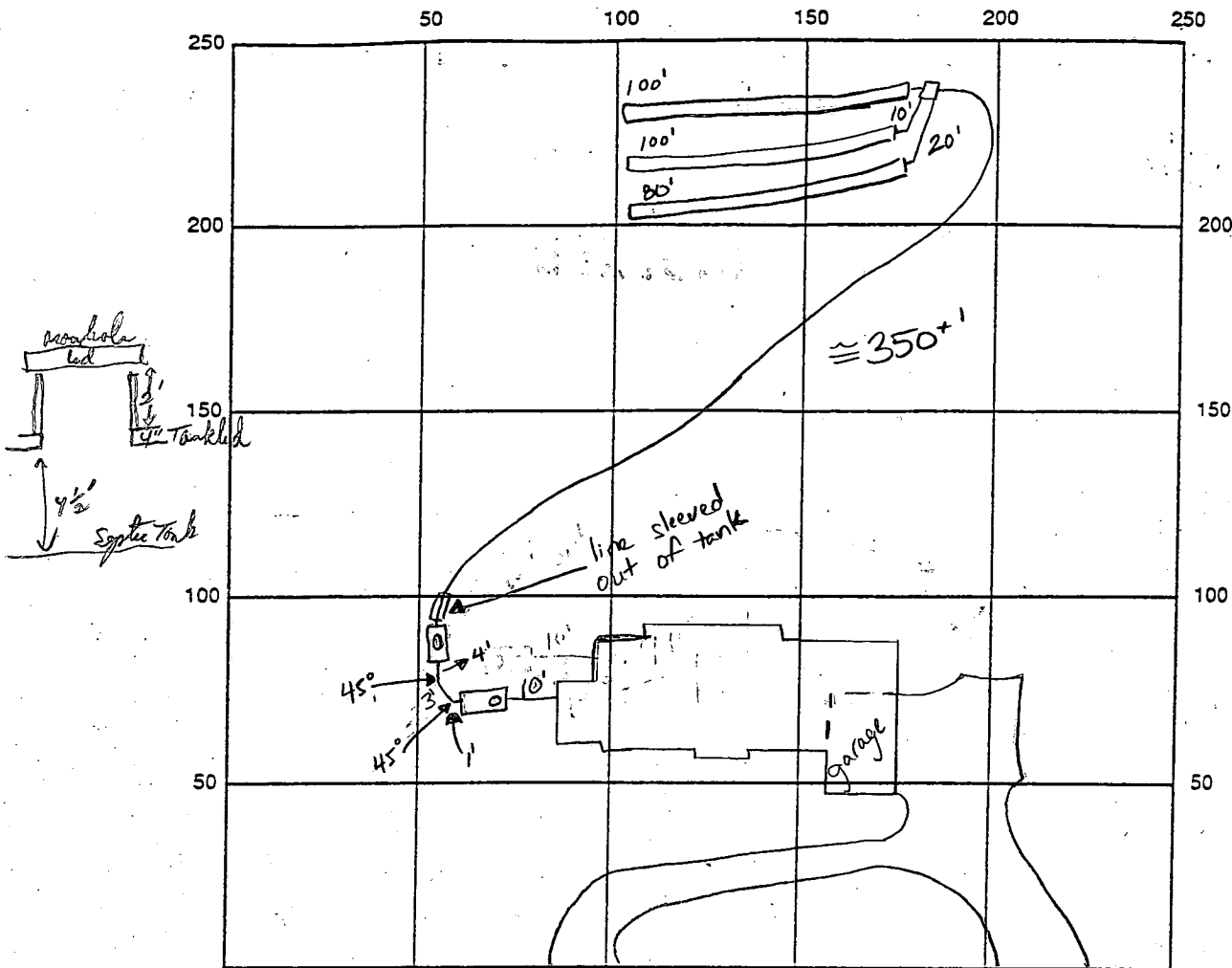
PERMIT VOID AFTER TWO YEARS

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 41421



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE long drive access to Frederick Rd.

1500 gallon top seam pump tank

SEPTIC TANK LEVEL 1500 gallon tank top-seam CLEANOUTS 1 on tank, manhole cleanout on pump tank

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TILE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 2x100 / 1x80 FT. → 280

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 11/4/98 ok to cover trenches and septic tank and continue

pump line, has house connection (KM)

11/6/98 ok to cover all work (KM) Pump-test - There are No Controls or Control Box

Just Separate Junction Boxes in P.C. Manhole and an Alarm Box in basement; Alarm float

Does Trigger alarm but Disable off float works. But there is No Control switch or manual override P/H 3/24/99

DATE SYSTEM APPROVED 11/ 3/25/99

INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 41421

P _____

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

DISTRICT 3

DATE 4/6/88
10 March, 1988

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 Jean R. Dickey, Individually; Jean R. Dickey, Trustee Jean R. Dickey Inter-Trust

ADDRESS 13850 Forsythe Rd., Sykesville, Md 21784 PHONE (301) 442-2226

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION King's Gift LOT NO. 17

ROAD AND DESCRIPTION North on Route 144, East of Thompson Drive
(11762 Frederick Road)

TAX MAP 16 PARCEL # 334

SIZE OF LOT 5.000 Ac± TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMITS SIGNED
AND RECORDED 6-22-98
Serial # 217 112852
4 Bldg

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.

Robert K. Lane (Agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

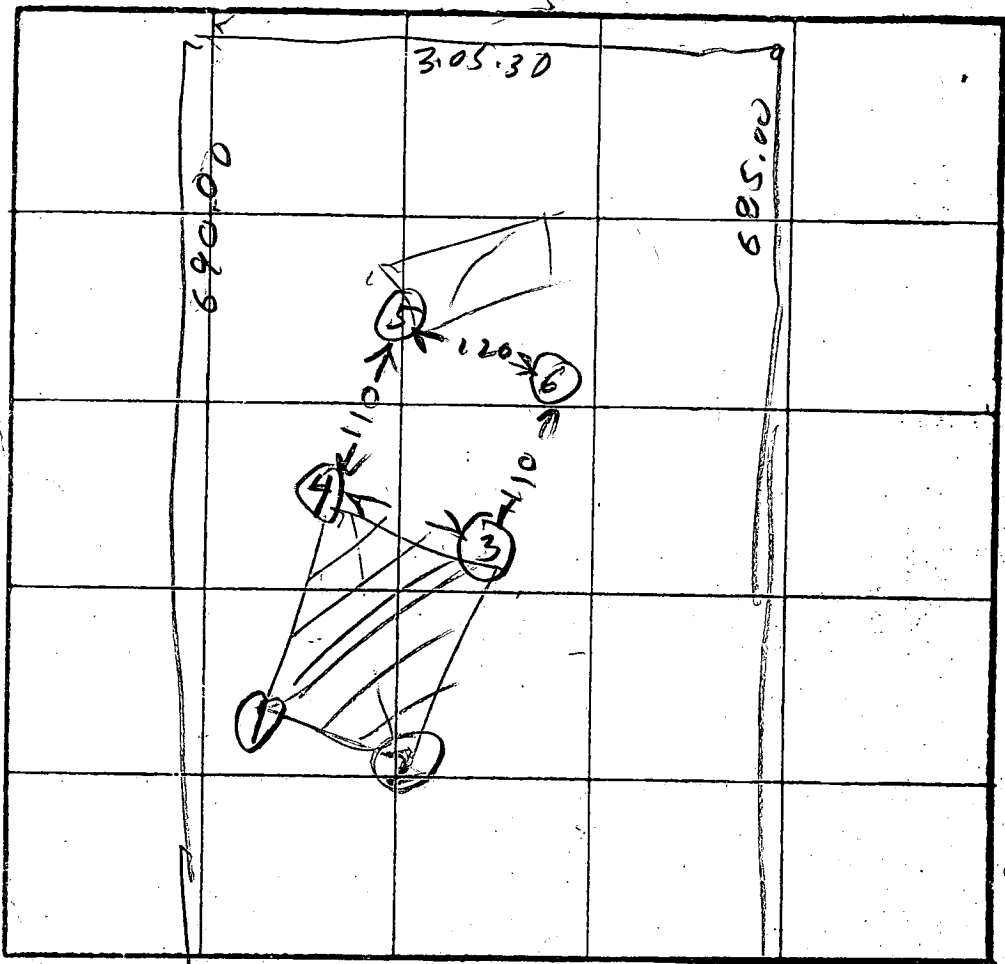
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6/23/88 - Perc OK Shallow System
Hold for Plat BH

THIS IS NOT A PERMIT

KINGS GIFT LOT 17



⑤
RED CLAY
4
LIGHT BROWN SAND LOAM
12

⑥
RED BROWN CLAY
3
GRAY BROWN SAND LOAM
11

8 PERC
8 MIN
210 #/BL
INLET 4"
BOTTOM 7"

SOIL PROFILE
①
4 CLAY
SAND
10 WATER
11

②
CLAY
SAND
6
11

③
CLAY
4
LIGHT BROWN SAND LOAM
11

④
CLAY TOPSOIL
4
LIGHT BROWN SAND LOAM
11

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/23/88	1V	11	WATER 10 FT					
	2V	11	CLAY NOT TESTED					
	✓ 3V	5.5	335	337	337	343	6	
	✓ 4V	11	339	341	341	347	6	
	✓ 5V	8.5	354	358	358	407	9	
	✓ 5D	8.5	354	355	355	356	1	
	✓ 5V	12	OK					
	✓ 6V	11	OK					

REMARKS: Hole ①②③ - New Surveyor Stake Hole ④⑤⑥ not dug per Surveyor Stake

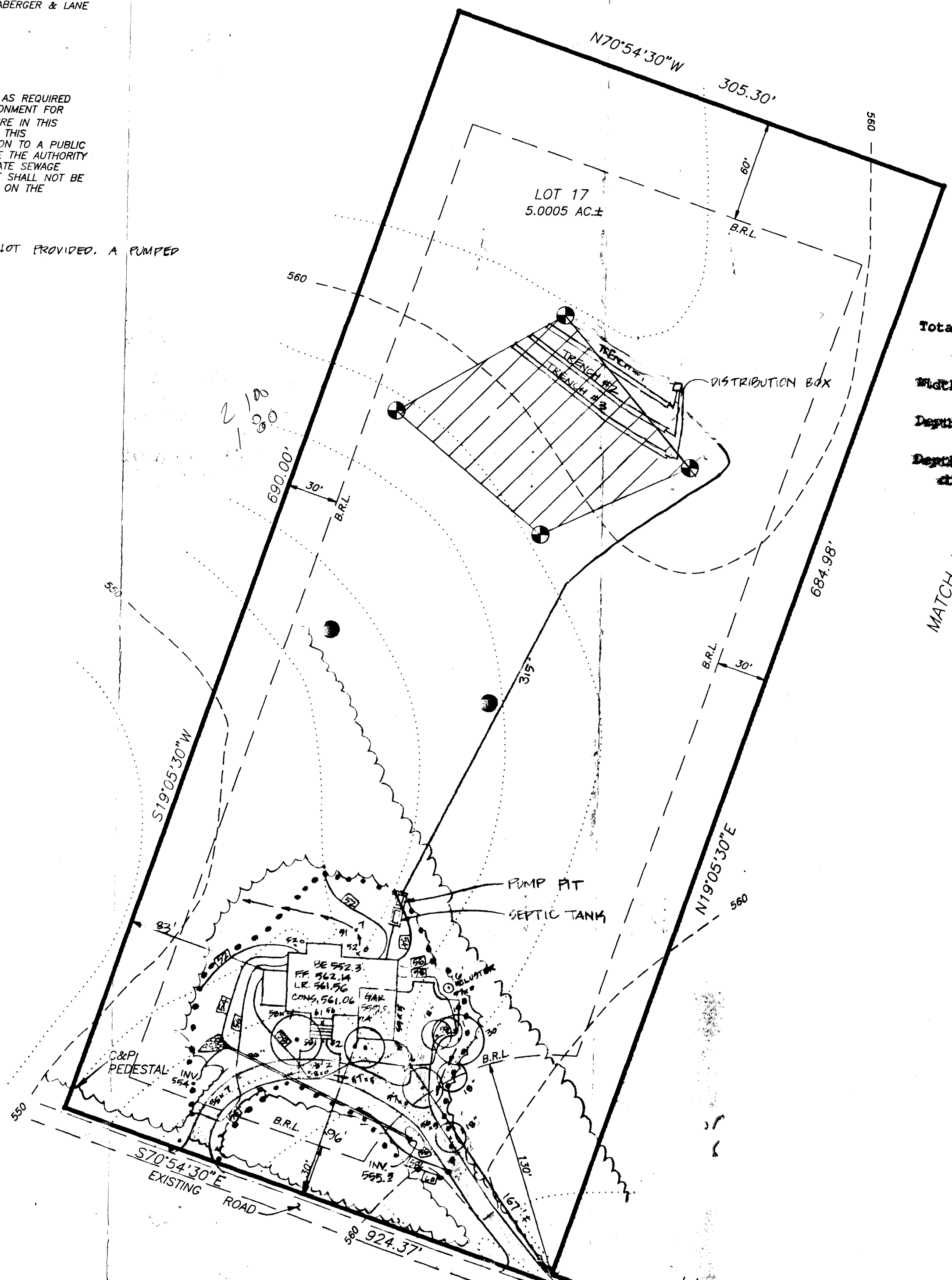
TYPE OF SOIL _____

TESTED BY: B. Ho

ALSO PRESENT _____

NOTES:

1. THE TOPOGRAPHY SHOWN HEREON WAS FIELD-RUN BY SHANABERGER & LANE ON MARCH 25, 1998.
2. B.R.L. DESIGNATES BUILDING RESTRICTION LINE
 DESIGNATES LIMIT OF DISTURBANCE
 ● DESIGNATES APPROVED PERC TEST
 ○ DESIGNATES FAILURE PERC TEST
3. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY. THERE IS A 10,000 S.F. MINIMUM RESTRICTION ON THE SEWAGE EASEMENT.
4. TOTAL AREA DISTURBED: 12,600 ±
5. GRAVITY SEWER SERVICE TO BASEMENT IS NOT PROVIDED. A PUMPED SYSTEM IS REQUIRED.



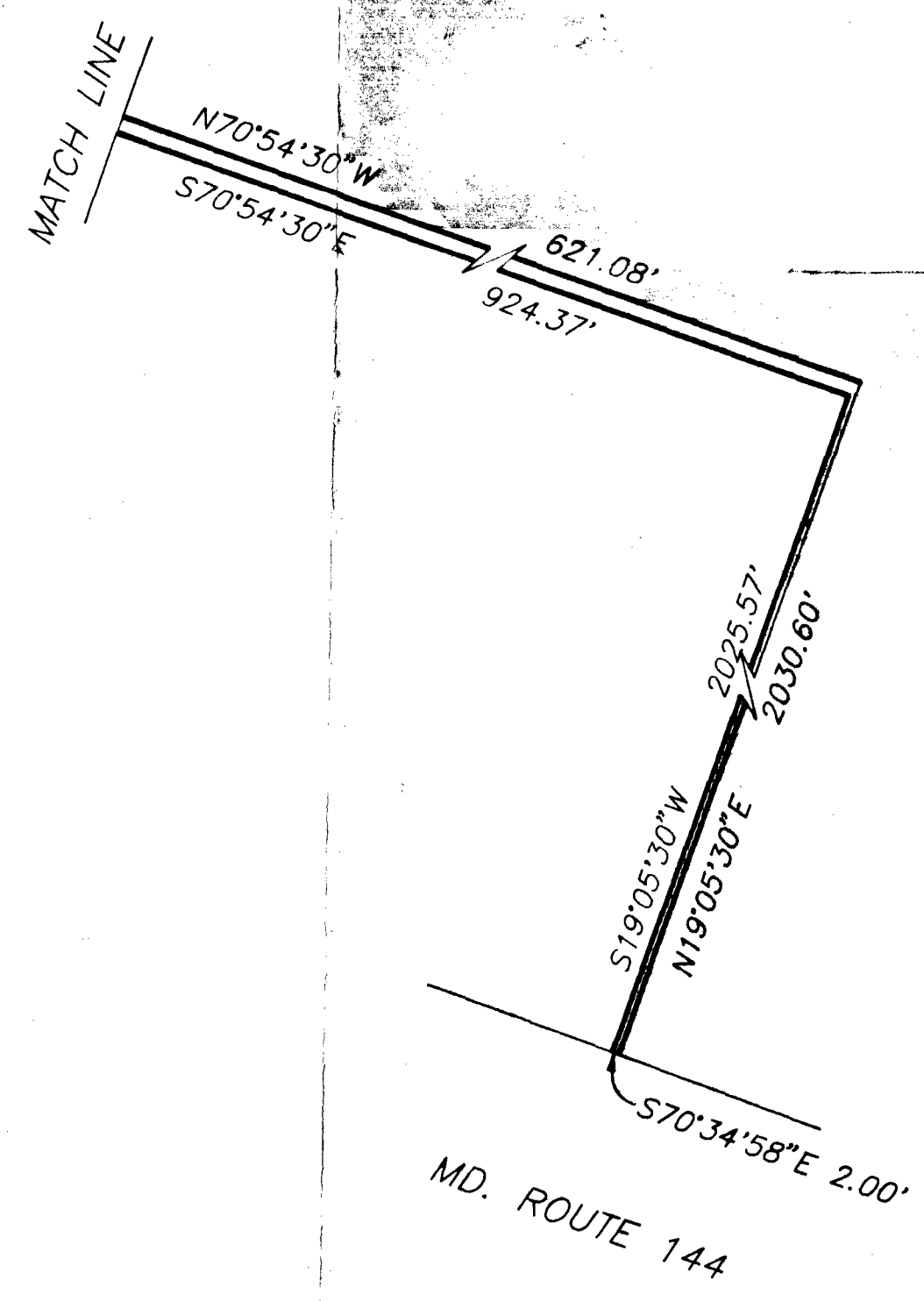
SEPTIC SYSTEM DATA

INV. AT HOUSE	549.8		
SEPTIC TANK #1	SEPTIC TANK #2 (PUMP FIT)		
EX. GRADE	554.3	554.3	
FIN. GRADE	553.5	554.8	
INV. IN	550.5	550.0	
INV. OUT	550.2	549.7	
DISTRIBUTION BOX			
EX. GRADE	561.3		
FIN. GRADE	561.3		
INV. IN	558.3		
INV. OUT	558.3		
TRENCHES	#1	#2	#3
EX. GRADE	561.3	561.3	560.2
FIN. GRADE	561.3	561.3	560.2
INV. IN	558.3	558.3	557.2
BOTTOM	556.6	556.3	555.2
LENGTH	67'	67'	66'

Total linear feet of trench required 280 feet
 Width of trench(es) 3.0 feet
 Depth of trench(es) 5.0 feet
 Depth of stone required below distribution pipe 2.0 feet

Approved Septic System Plan
 Howard County Health Department

Ann McMill 6/22/98
 Signature Date



Kings Gift - Lot 17
 Building Permit Site Plan

5/9/97
10:00 a.m

APPLICATION

PERCOLATION TESTING

A 58141

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

5/7/97
Preview - Purpose
is to move SDA
to accommodate
desired house site
OK
ALM

DISTRICT _____

DATE 5/9/97

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Jean Dickey

ADDRESS 13850 Forsyth Rd PHONE 442-2226

AGENT OR PROSPECTIVE BUYER Lee and Tamela Lightner

ADDRESS 434 Barnes Ave PHONE 410-744-2323

PROPERTY LOCATION:

SUBDIVISION Kings Birt LOT NO. 17

ROAD AND DESCRIPTION North on Rt 144 East of Thompson Drive

TAX MAP _____ PARCEL # _____

SIZE OF LOT 5.000 acres TYPE BLDG. Single dwelling
(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.

Tamela J. Lightner
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

red
orange
SiCLM

3.5

red
brown
SiCLM

5.0

orange
brown
SiSalm

9.0

mottled
SiLM
bright
OR & grey

11.0

2

bright
orange
SiCLM

5.0

orange
tan
SiLM

7.0

mottled
orange
and
grey
SiSalm

10.0

3

bright
red
orange
SiCLM

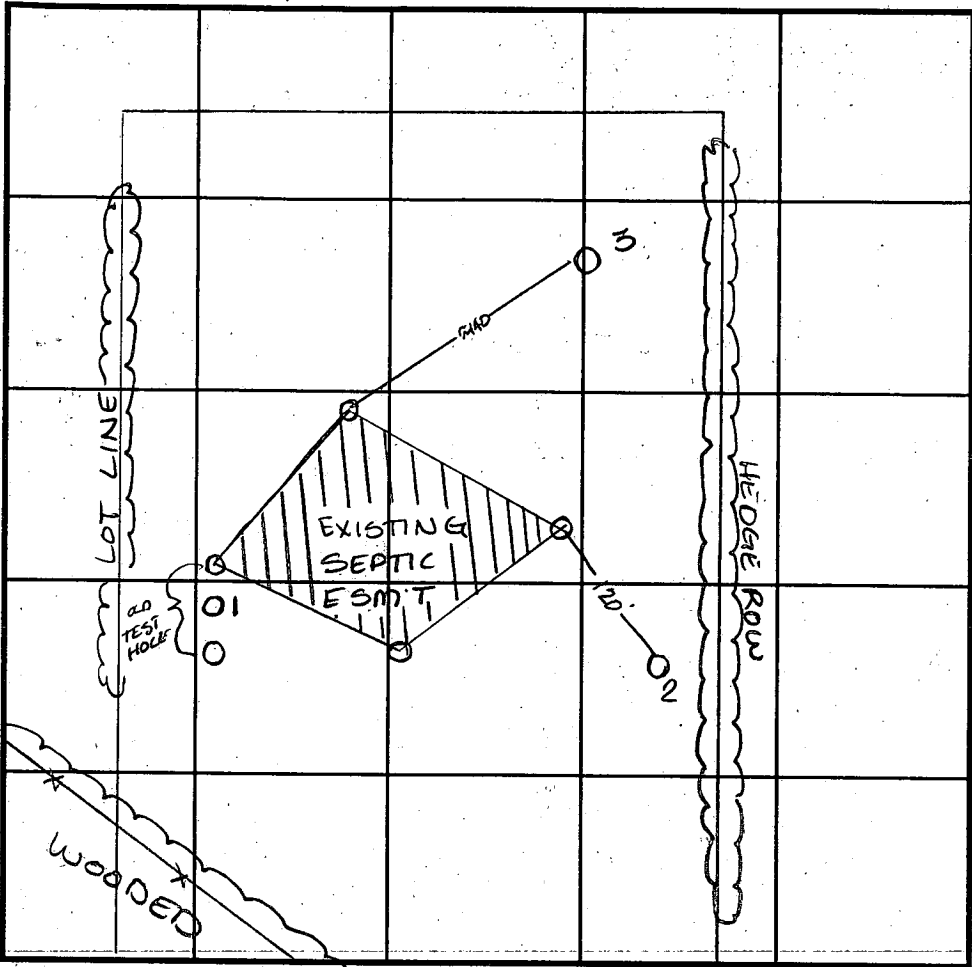
4.0

orange
brn
SiLM
<5%
quartzite
not decayed

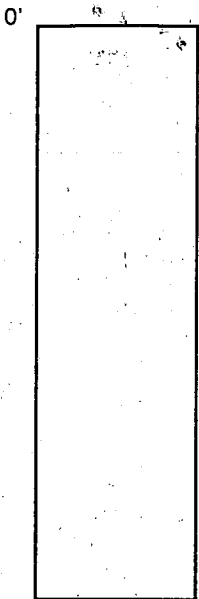
10.0

mottled
SiSalm

11.0



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-9-97	1	Visual to 11.0 - insufficient depth to water table					F
	2	Visual to 10.0 - insufficient depth to water table					F
	3	Visual to 11.0 - see profile					OK

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Lee & Tamela Lightner

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH 3.0

INLET DEPTH 3.5 MAXIMUM BOTTOM DEPTH 5.0 SQ. FT./BEDROOM 180