

12/16/99  
C.O.  
2:00 or Later

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-362950

P 513148

A 57610-X

DISTRICT \_\_\_\_\_

DATE 11/29/1999

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 410-313-2640

INDEXED

DATE SYSTEM APPROVED 12/16/99

INSPECTOR DKS

J. E. Feaga & Son Excavating IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 1625 Henryton Road, Marriottsville, MD 21104 PHONE 410-442-5623

SUBDIVISION Spring Hollow LOT 21 ROAD 1221 Haley's Court

PROPERTY OWNER David & Kriste Anlquist

ADDRESS \_\_\_\_\_

**TOP SEAMED SEPTIC TANK REQUIRED**

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240 ✓

TRENCHES - Trench to be 3 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 3.5 feet below original grade. Effective area begins at 2.0 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 362.10' lot line and the 170.00' lot line begin trenches 210 feet down the 362.10' lot line and 40 feet off that same lot line. Run trenches on contour toward the 362.10' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OR SRRK 10/19/99  
**PROVIDE 18" COVER ON SEWER HOUSE PIPE**

PLANS APPROVED BY Amy McMillen DATE 9/27/1999

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

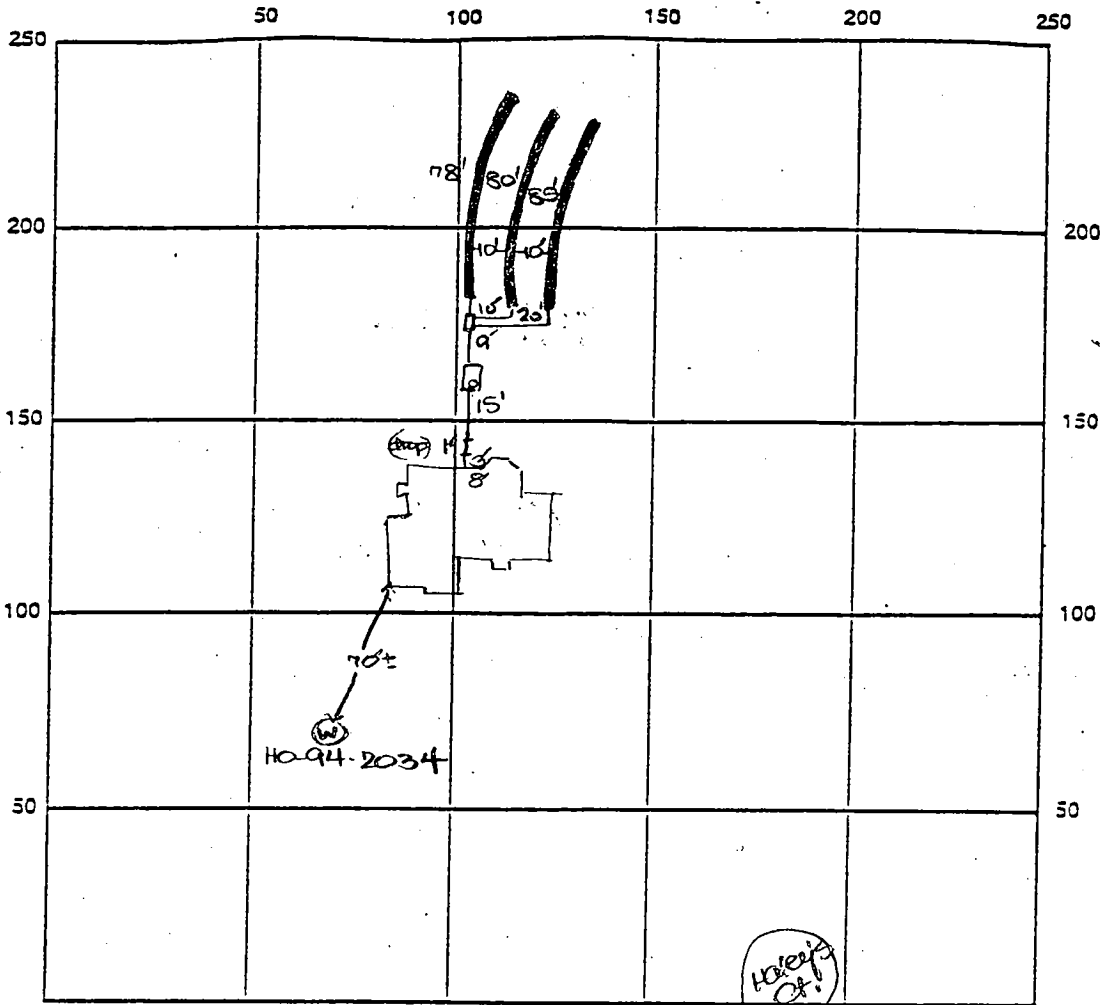
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

57610 X

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1500 gal top sealed CLEANOUTS one on site

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 4 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2.5 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 078 085 → 243 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 729 SQ. FT.

DRYWALL INSIDE DIAMETER 7 FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA      SQ. FT.

REMARKS: 12/16/99 FINAL INSP - OK to cover all septic work as completed. Sufficient materials at site. JKS

DATE SYSTEM APPROVED 12/16/99

INSPECTOR DONALD

313-2648

Attn: Steve

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP, AND PRESSURE TANK INSTALLATION

New Installation  Replacement  Receipt # \_\_\_\_\_ Date \_\_\_\_\_

Name of Installer Van Sant Pbg Htg Telephone \_\_\_\_\_

License Number 1467 Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner David Ahlquist Telephone 410-984-8703  
Subdivision Spring Hollow Lot # 21 Well Tag # HO-94-2034  
Site Address 1221 Hakep Court

Pump  
1. Type  
a. Deep well jet \_\_\_\_\_  
b. Shallow well jet \_\_\_\_\_  
c. Submersible   
2. Make Goulds  
3. Model # 16507422  
4. Capacity \_\_\_\_\_ GPM  
5. Pump exceeds well capacity Yes \_\_\_\_\_ No   
6. If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No   
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards \_\_\_\_\_ Other \_\_\_\_\_

Motor  
1. Horsepower 1/2  
2. RPM \_\_\_\_\_  
3. Voltage \_\_\_\_\_  
a. 110 \_\_\_\_\_  
b. 220

Pitless Adapter  
1. Make Campbell  
2. Model # 310K  
3. Depth 48"

Tank  
1. Capacity V-100  
2. Pressure relief valve? Yes

Piping PE  
1. Type \_\_\_\_\_  
2. Size 1"  
3. NSF and/or BOCA Code approved   
4. Depth of supply line 48

Well data  
1. Depth 260 ft.  
2. Yield \_\_\_\_\_ GPM  
3. Static water level \_\_\_\_\_ ft.  
4. Will water supply be disinfected by installer? \_\_\_\_\_

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Insp. not called in so not performed. (T/C with VanSant)  
Builder / Property Owner OK with this  
(David Ahlquist) 6/13/00

Signature of Applicant: David Ahlquist  
Date: 6/12/00

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

C1 9827

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A57610X

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2034

OWNER Cissel Lambert, STREET OR RFD Handy Road, TOWN Poplar Springs, SUBDIVISION Spring Hollow, SECTION, LOT 21

WELL LOG

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Brown Shale, Blue Slate, Flint Rock, Blue Slate.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS 14, NO. OF POUNDS 1400, GALLONS OF WATER 84, DEPTH OF GROUT SEAL 30+

CASING RECORD

MAIN CASING TYPE PL, Nominal diameter top (main) casing 6, Total depth of main casing 42

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

SCREEN RECORD, screen type or open hole (HO), insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS: 0, WELL HYDROFRACTURED (Y)

CIRCLE APPROPRIATE LETTER: A, E, P

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. M SD 116, DRILLERS SIGNATURE, LIC. NO. MS D 112

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

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, C, R, E, E, N. Rows 1-3 showing depth measurements.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

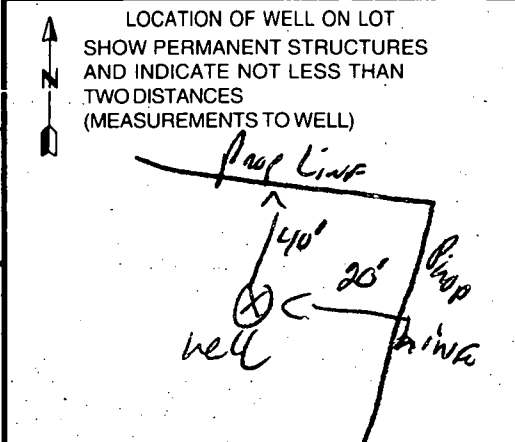
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER), TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min.) 6, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 43 ft, WHEN PUMPING 68 ft

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29, CAPACITY: GALLONS PER MINUTE (to nearest gallon), PUMP HORSE POWER, PUMP COLUMN LENGTH (nearest ft.), CASING HEIGHT (circle appropriate box and enter casing height), LAND SURFACE 2 (nearest foot)



B 1 4740 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER HO-94-2034 fill in this form completely

Date Received (APA) 12/18/98 OWNER INFORMATION  
8 MM DD YY 13  
CISSEL Lambert  
15 Last Name Owner First Name 34  
3425 HipSley Mill Rd  
36 Street or RFD 55  
Woodbine MD 21797  
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
Howard  
8 COUNTY 21  
Spring Hollow  
23 SUBDIVISION 42  
SECTION — LOT 21  
44 46 48 50  
Poplar Springs  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) I M I  
73 76 77 78

DRILLER INFORMATION  
RALPH MAYNE MSD 116  
Driller's Name 76 License No. 81  
RALPH MAYNE WELL DRILLING  
Firm Name  
9120 Brown Church Rd. Mt Airy  
Address  
Ralph Mayne 12-9-98  
Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
1 2  
NORTH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
11 NEAR WHAT ROAD 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH  
WEST EAST  
SOUTH  
34 37  
DISTANCE FROM ROAD  
ENTER FT OR MI 38 39  
TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

B 2 WELL INFORMATION  
1 2 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)  
 DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
22  INDUSTRIAL, COMMERCIAL, DEWATERING  
 PUBLIC WATER SUPPLY WELL  
 TEST, OBSERVATION, MONITORING  
 GEO-THERMAL

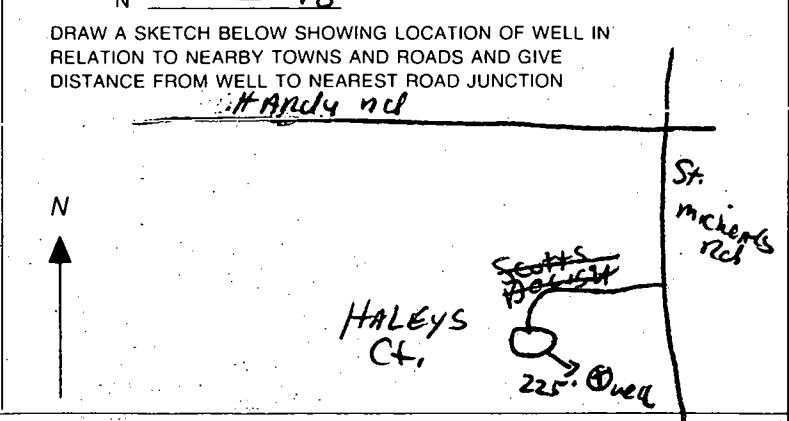
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard Co A57610X  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE \_\_\_\_\_ INSERT'S →  
DATE ISSUED 12/29/98 Andy McMeel 12/29/99  
43 MM DD YY 48 50 SIGNATURE EXP DATE  
NORTH GRID 548 000 EAST GRID 768 000  
50 55 57 63

APPROXIMATE DEPTH OF WELL 150 FEET  
24 28  
APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

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  
E 768  
N 548  
000  
000

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 \_\_\_\_\_

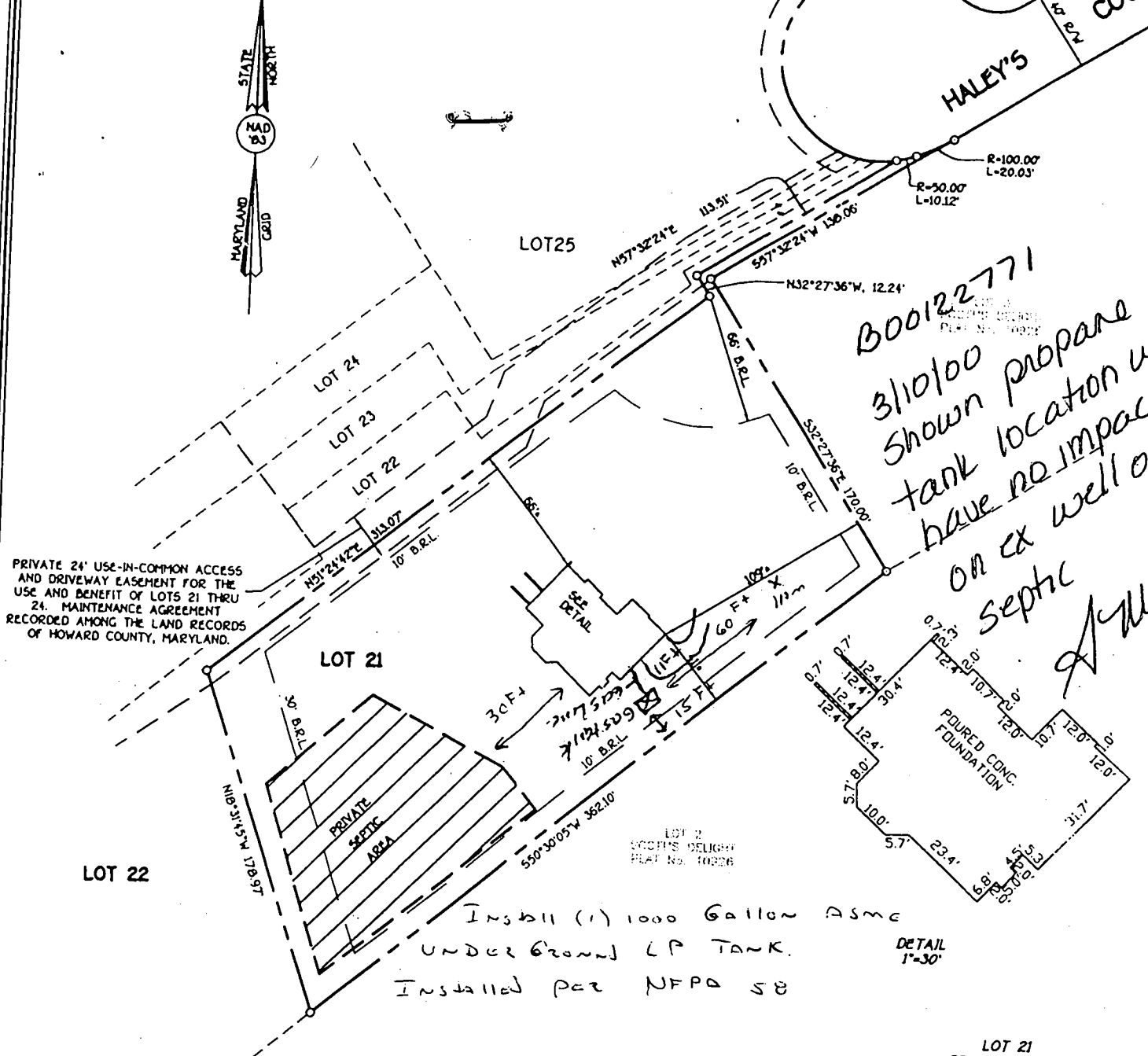
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
39  THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 THIS WELL WILL DEEPEIN AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 \_\_\_\_\_ 52 \_\_\_\_\_



Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
APPROX. PERMIT NUMBER 54 \_\_\_\_\_ 63  
PERMIT No. HO-94-2034  
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS  
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED





000122771  
3/10/00  
Shown propane  
tank location will  
have no impact  
on ex well or  
septic  
AUC

PRIVATE 24' USE-IN-COMMON ACCESS AND DRIVEWAY EASEMENT FOR THE USE AND BENEFIT OF LOTS 21 THRU 24. MAINTENANCE AGREEMENT RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

Insull (1) 1000 Gallon ASME  
Under Ground LP Tank.  
Installed per NFPA 58

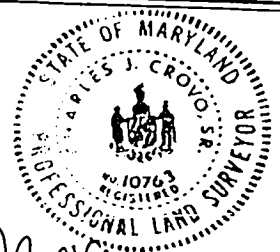
DETAIL  
1"=30'

TOP OF FOUNDATION ELEV. =713.5'  
B.R.L.-BUILDING RESTRICTION LINE

LOT 21  
SPRING HOLLOW  
LOTS 1 THRU 30 AND  
BUILDABLE PRESERVATION PARCEL 'A'  
FOURTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PLAT REF. 13771

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 32776 BALTIMORE NATIONAL Pk  
ELLEGGOTT CITY, MARYLAND 21112  
(410) 441 - 2975

Arigquist  
1221 Haley's Ct  
mt. Airy MD  
21771



*Charles J. Croft*  
PROFESSIONAL LAND SURVEYOR  
REG. 10763  
DATE 10/22/99

### HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 10/22/99  
FINAL LOCATION: \_\_\_\_\_  
BOUNDARY SURVEY: \_\_\_\_\_

SCALE: 1"=60'  
DATE: 10/22/99  
DRAWN BY: LBL  
CHECKED BY: CC  
PROJECT No: 61114

Drawing Name:

rcc •

Fax to 410-465-0803



# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
PO BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 461-9933

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 Lambert Cissel Ahlquist

ADDRESS 3425 Hipsley Mill Road, Woodbine, MD 21797 PHONE (410) 442-5671

PROSPECTIVE BUYER Developer, Land Marketing Consultants, Inc., Timothy W. Feaga

ADDRESS 3243 Bethany Lane, Ellicott City, MD 21042 PHONE (410) 313-8808

PROPERTY LOCATION:

SUBDIVISION Cissel Property LOT NO. 21

ROAD AND DESCRIPTION Intersection of Hardy & St. Michael's Road (1221 HALEY'S COURT)

TAX MAP 7 PARCEL # 394, 4, 341, 144

SIZE OF LOT 1 Acre TYPE BLDG SFD-4Bum  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**ENG. PERMIT SIGN'D**  
**AND RETURNED 9-27-99**  
*Smith # B10120977*

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.

Willis Lambert Cissel JR  
(SIGNATURE OF APPLICANT)

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

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

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

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

HD-216

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE  
509

0' red  
orange  
SiClm  
10% Rx

3.5 tan to  
beigh  
SiClm  
20% Rx

7.0 tan  
SiSalm  
40%  
Rx

510

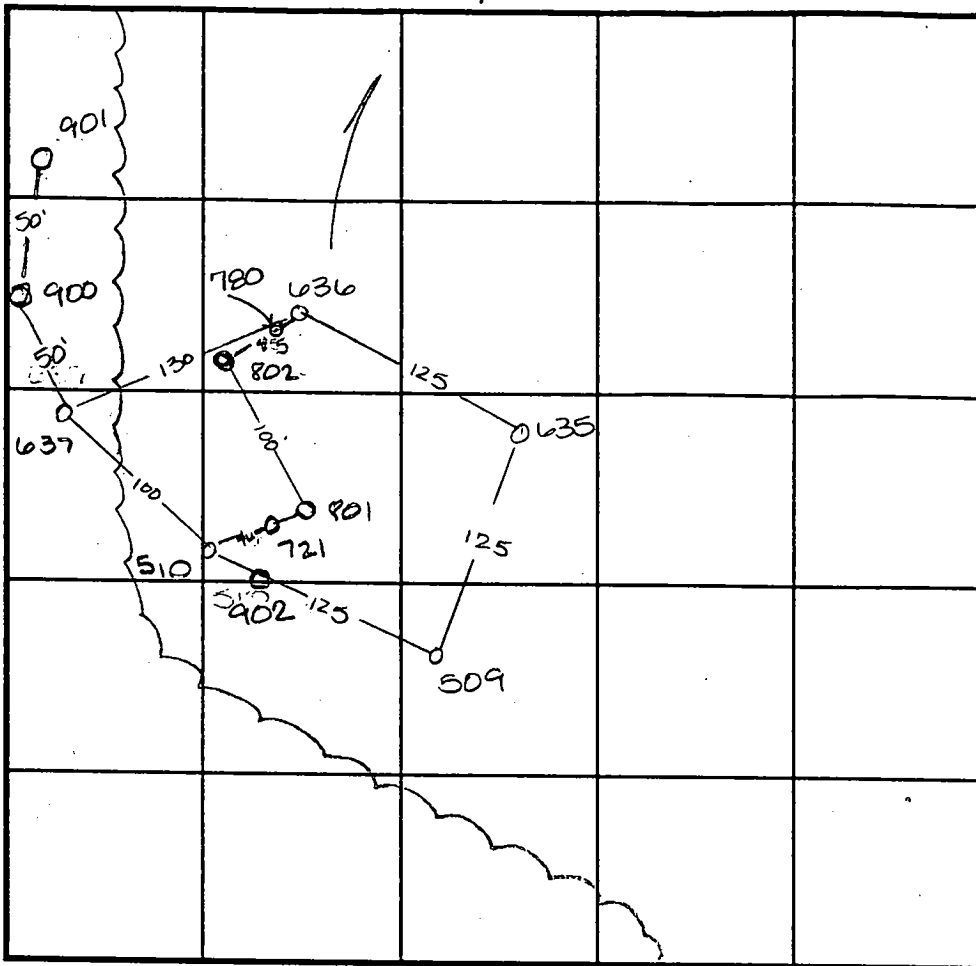
bright  
orange  
SiClm

4.0 30%  
Shale  
brngt  
orange  
SiLm

9.0 SiSalm  
orange  
40%  
Shale

636

>50%  
rock  
throughout  
refusal  
at  
11.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ST. MICHAEL'S ROAD

SOIL PROFILE  
637

0' orange  
brown  
SiClm  
20%  
rock

7.5 40%  
rock  
orange  
brown  
SiClm

635

>50%  
rock  
throughout  
refusal  
at  
10.0'

| DATE    | TEST NO. | DEPTH         | PRE-WET               |       | TEST - 1" DROP |                     | TIME      |
|---------|----------|---------------|-----------------------|-------|----------------|---------------------|-----------|
|         |          |               | START                 | STOP  | START          | STOP                |           |
| 8-22-96 | 509      | 3.0<br>/ 11.0 | 7:42                  | 7:44  | 7:44           | 7:47                | 3min      |
|         | 635      | insufficient  | depth to rock         |       | -              |                     | F         |
| 8-28-96 | 510      | Visual        | to 11.0 - see profile |       | -              |                     | OK        |
| 8-22-96 | 636      | insufficient  | depth to rock         |       | -              |                     | F         |
|         | 637      | 3.5<br>/ 10.0 | 10:57                 | 10:58 | 10:58          | 10:59 <sup>30</sup> | 1 1/2 min |
|         | 637      | repour        | 11:00                 | 11:03 | 11:03          | 11:07               | 4min      |
| 8-22-96 | 780      | >50% rx       | throughout            |       | -              |                     | F         |
|         |          |               |                       |       |                |                     |           |
|         |          |               |                       |       |                |                     |           |

REMARKS \_\_\_\_\_

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

TESTED BY Amy McMillen ALSO PRESENT Tim Feuga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

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P \_\_\_\_\_

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PROPERTY LOCATION:

SUBDIVISION Cissel Property LOT NO 21

ROAD AND DESCRIPTION Intersection of Hardy & St. Michael's Road

TAX MAP 7 PARCEL # 394, 4, 341, 144

SIZE OF LOT 1 Acre TYPE BLDG \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Willis Lambert Cissel JR  
(SIGNATURE OF APPLICANT)

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

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

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

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

HD-216

# THIS IS NOT A PERMIT

Lot 39

COUNTY #

SOIL PROFILE

510

bright orange  
SiCLM

4.0

30% shale  
bright orange  
SiLM

9.0

SiSalm  
orange  
40% shale

11.0

637

orange brn  
SiCLM  
20% rock

7.0

40% rock  
orange brown  
SiCLM

10.0

638

beigh brown  
SiLM  
15% rocks

7.0

red  
SiLM  
40-50% rock

11.0

SOIL PROFILE

511

dark red  
SiCLM

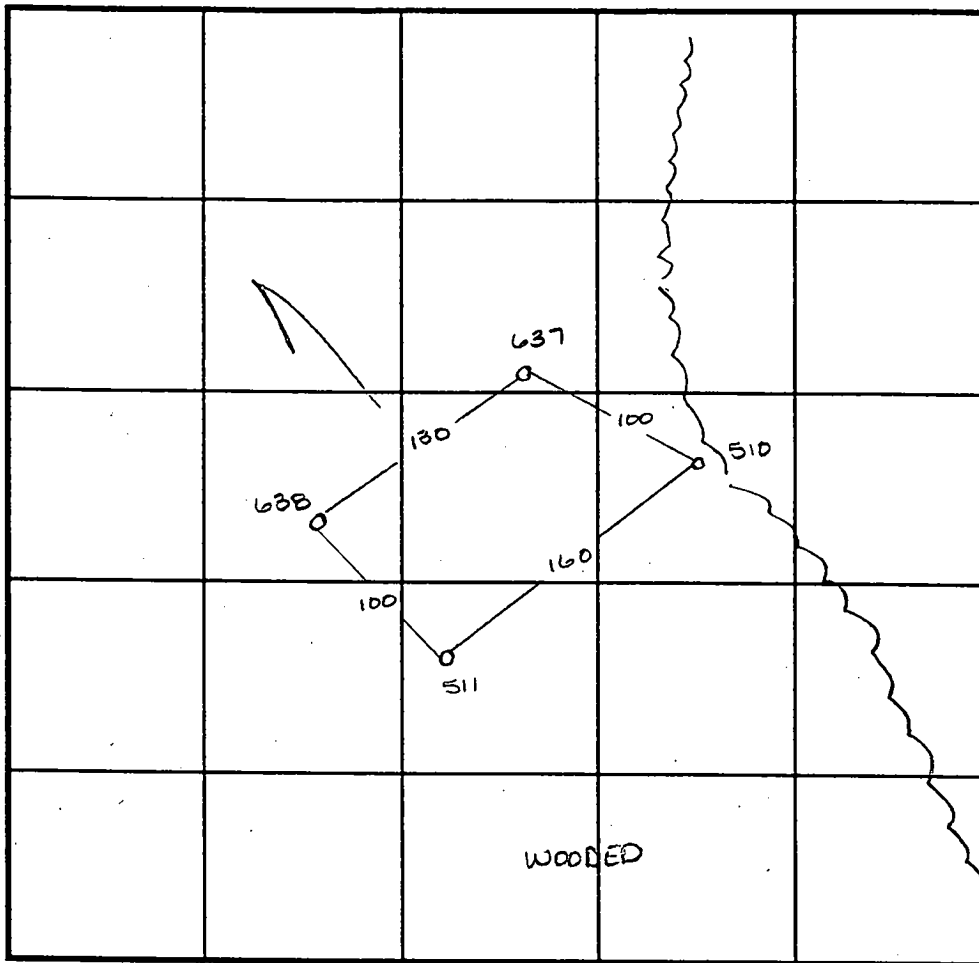
2.0

1gt brn red  
30% rock

8.0

50% rock

11.0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
ST MICHAELS ROAD

| DATE    | TEST NO. | DEPTH                                   | PRE-WET             |                     | TEST - 1" DROP      |                     | TIME      |
|---------|----------|---|---------------------|---------------------|---------------------|---------------------|-----------|
|         |          |   | START               | STOP                | START               | STOP                |           |
| 8-28-96 | 510      | Visual                                  | to 1.0              | - sec               | Profile             | —                   | Ok        |
|         | 637      | 3.5 / 10.0                              | 10:57               | 10:58               | 10:58               | 10:59 <sup>30</sup> | 1 1/2 min |
|         | 637      | repour                                  | 11:00               | 11:03               | 11:03               | 11:07               | 4 min     |
|         | 638      | 3.0 / 11.0                              | 11:21               | 11:22               | 11:22               | 11:24               | 2 min     |
|         | 511      | 3.0 / 11.0                              | 11:11 <sup>30</sup> | 11:12 <sup>30</sup> | 11:12 <sup>30</sup> | 11:14 <sup>30</sup> | 2 min     |
| 8/29/96 | 637      | 4.0 / 10.0                              | 11:14               | 11:15               | 11:15               | 11:16               | 1 min     |
|         |          | * re-tested to determine if perc slowed |                     |                     |                     |                     |           |
|         |          |   |                     |                     |                     |                     |           |
|         |          |   |                     |                     |                     |                     |           |
|         |          |   |                     |                     |                     |                     |           |

REMARKS \_\_\_\_\_

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

TESTED BY Amy McMillen ALSO PRESENT Tim Feaga

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT/BEDROOM \_\_\_\_\_

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P \_\_\_\_\_

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TAX MAP 7 PARCEL # 394, 4, 341, 144

SIZE OF LOT 1 Acre TYPE BLDG \_\_\_\_\_  
(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.

*Willis Lambert Cissel JR*

(SIGNATURE OF APPLICANT)

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

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

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

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

HD-216

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

801

0' Orange brown SiCLM  
 3.0 lgt yellow orange Salm  
 20% shale  
 7.0 lgt orange brown Silm  
 30% shale

802

orange brn SiCLM  
 lgt white to tan SiSalm

25% shale Saprock mix brn SiSalm

721

dark red SiCLM

20% shale yellow orange Salm

250% shale refusal at 10.0

SOIL PROFILE

901/902

dark red SiCLM

orange SiSalm  
 20%

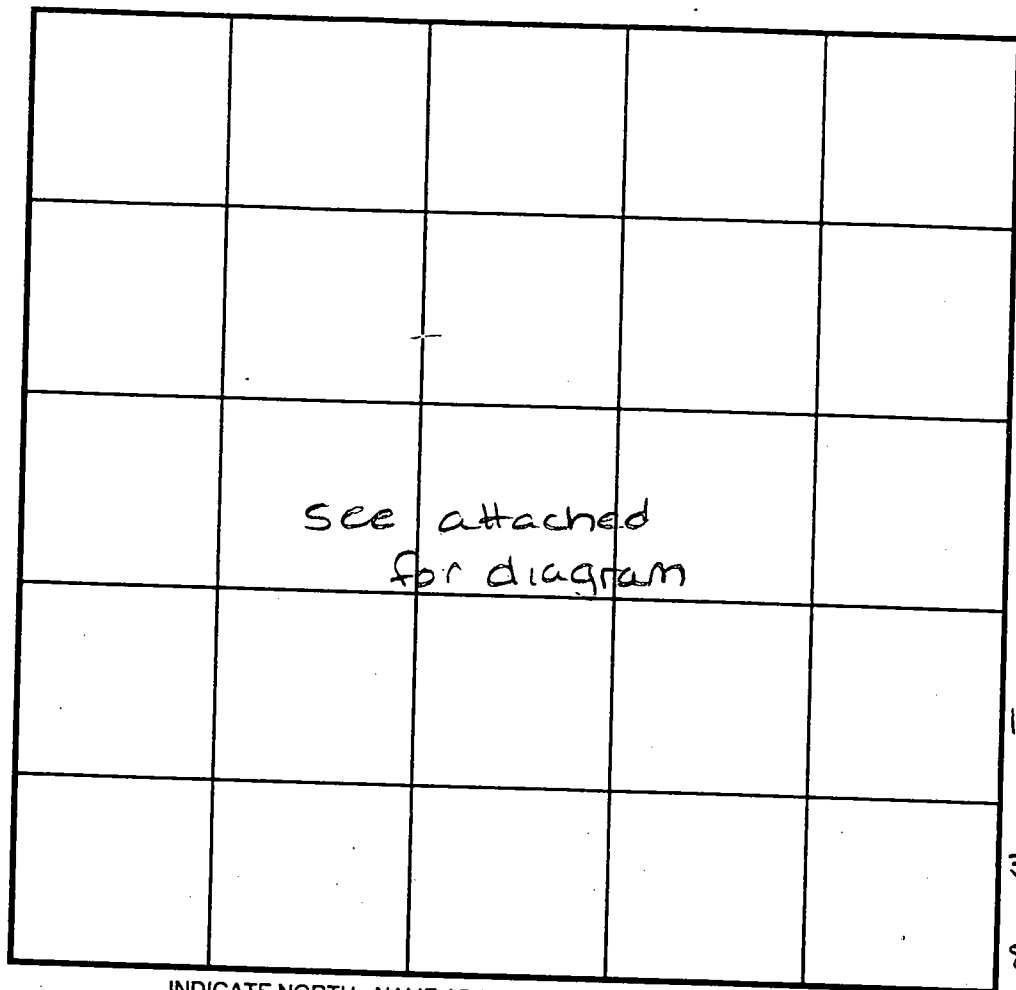
red orange shale

900

lgt red SiCLM  
 20% Rx

darker red Silm  
 25% Rx

40-50% Rx refusal



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE    | TEST NO. | DEPTH                         | PRE-WET |      | TEST - 1" DROP |      | TIME |
|---------|----------|-------------------------------|---------|------|----------------|------|------|
|         |          |                               | START   | STOP | START          | STOP |      |
| 3-10-97 | 801      | Visual to 11.0                |         |      |                |      | OK   |
|         | 802      | Visual to 12.0                |         |      |                |      | OK   |
|         | 721      | Visual to 10.0                |         |      |                |      |      |
| 5-6-97  |          |                               |         |      |                |      |      |
|         |          | insufficient depth to bedrock |         |      |                |      | F    |
| 6-6-97  | 900      | Visual to 10.0                |         |      |                |      | OK   |
|         | 901      | Visual to 11.0                |         |      |                |      | OK   |
|         | 902      | Visual to 11.5                |         |      |                |      | OK   |
|         |          |                               |         |      |                |      |      |
|         |          |                               |         |      |                |      |      |
|         |          |                               |         |      |                |      |      |

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY Amy McMillen ALSO PRESENT Tim Feaga  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 47051  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
PO BOX 476 ELLICOTT CITY MARYLAND 21043  
TELEPHONE 461-9933

DISTRICT 4th

DATE ~~April 17, 1991~~  
5/7/91

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 W. Lambert Cissel, Jr.

ADDRESS 3425 Hipsley Mill Road, Woodbine, MD 21797 PHONE 301-442-2463

PROSPECTIVE BUYER Same

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

PROPERTY LOCATION:

SUBDIVISION Scott's Delight LOT NO 4

ROAD AND DESCRIPTION 1400 St. Michael's Rd.

TAX MAP 7 PARCEL # 38

SIZE OF LOT 3.5 acres ± TYPE BLDG Single Family 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. Christine A. Richards  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING HOLD FOR PLAT - PERC OK

HD-216

# THIS IS NOT A PERMIT

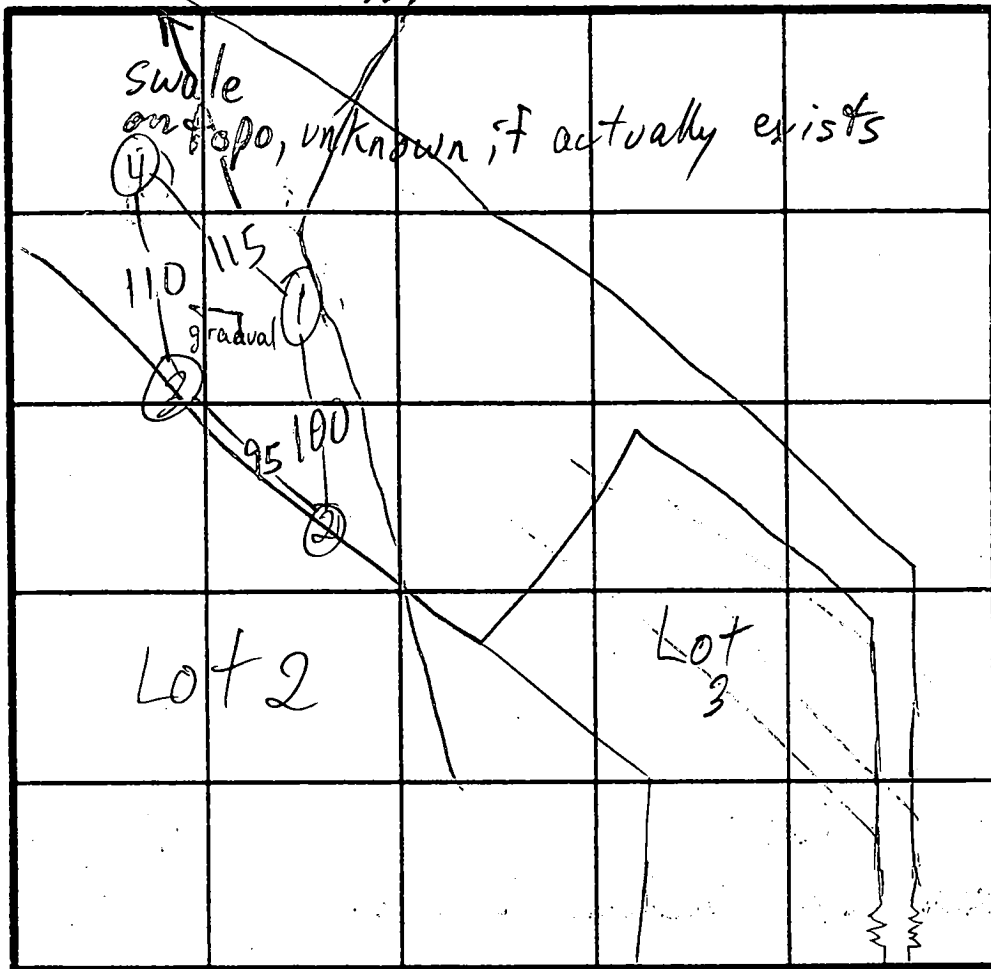
Lot 4

447051

②

SOIL PROFILE

deep red  
clay +  
clay 1m  
deep red,  
brn pink  
sa 1m  
5-15%  
Frag



X=10  
210 BL  
Inlet 4'  
Bottom 8'

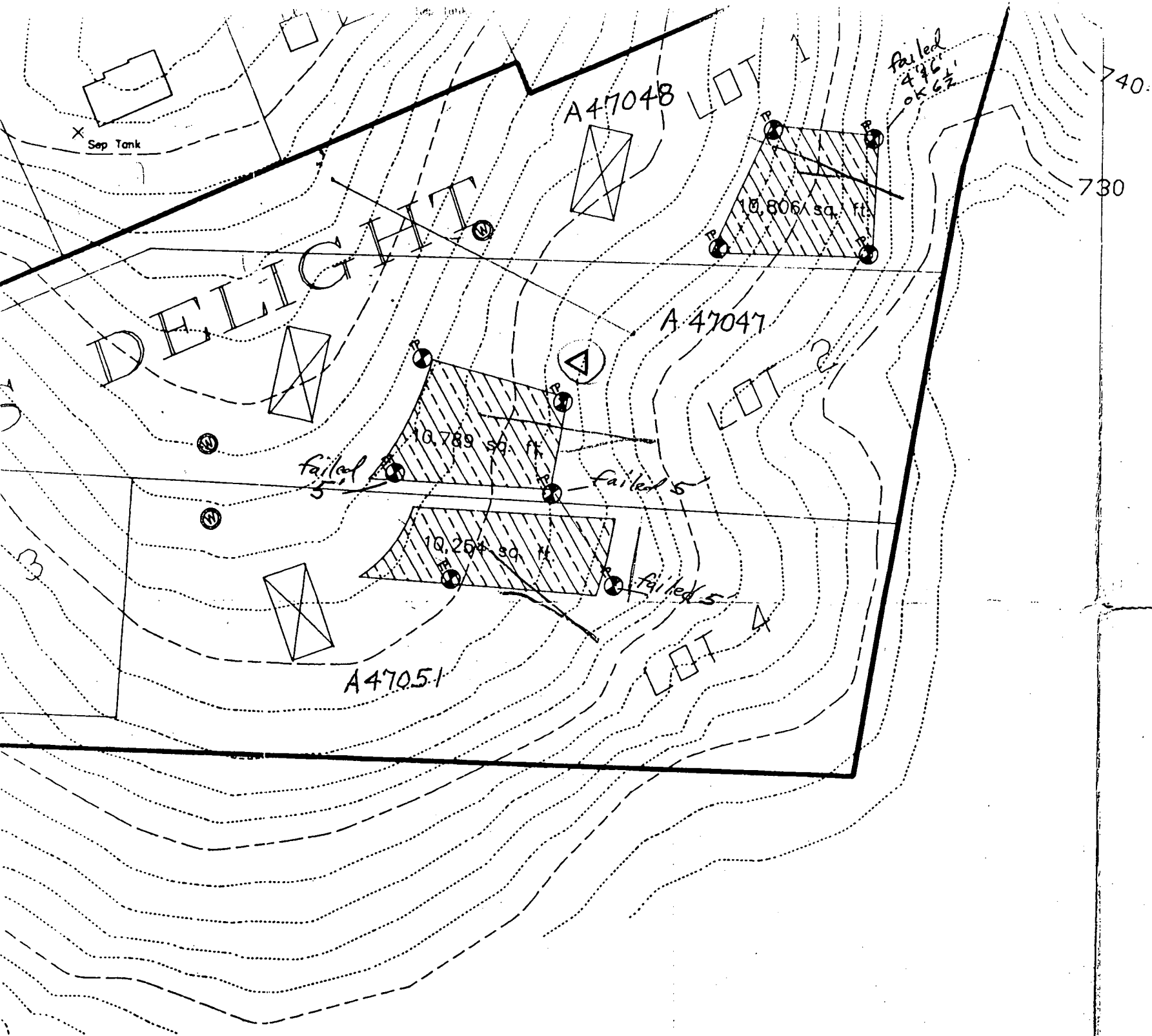
ST. MICHAEL RD

| DATE   | TEST NO. | DEPTH  | PRE-WET                 |       | TEST - 1" DROP |       | TIME |
|--------|----------|--------|-------------------------|-------|----------------|-------|------|
|        |          |        | START                   | STOP  | START          | STOP  |      |
| 6/6/91 | 2 S      | ⑤      | 1:55                    | 2:10  | 1/2" RE        | DIG   | 22   |
|        |          |        | 2:27                    | 2:35  | 2:35           | 3:07  |      |
|        | 2 V      | 13     | see profile             |       |                |       |      |
|        | 3 S      | ⑤      | 2:19                    | 2:31  | NO MOVEMENT    |       | 14   |
|        |          | 6      | 3:09                    | 3:15  | 3:15           | 3:29  |      |
|        | 3 V      | 12 1/2 | see profile             |       |                |       |      |
| 6/7/91 | 1 S      | 5      | 11:44                   | 11:45 | 11:45          | 11:47 | 2    |
|        | 1 V      | 13     | sim to ③ clay to 3 1/2' |       | 20-25% frags   |       |      |
|        | 4 S      | ④ 1/2  | 11:49                   | 12:00 | A LITTLE SLOW  |       | 2    |
|        |          | 6 1/2  | 12:12                   | 12:14 | 12:14          | 12:16 |      |
|        | 4 V      | 12     | sim to ③ clay to 5'     |       | 25% frags      |       |      |

REMARKS HOLES ②-③ PER PLAN, OTHERS NOT, ALL IN WOODS

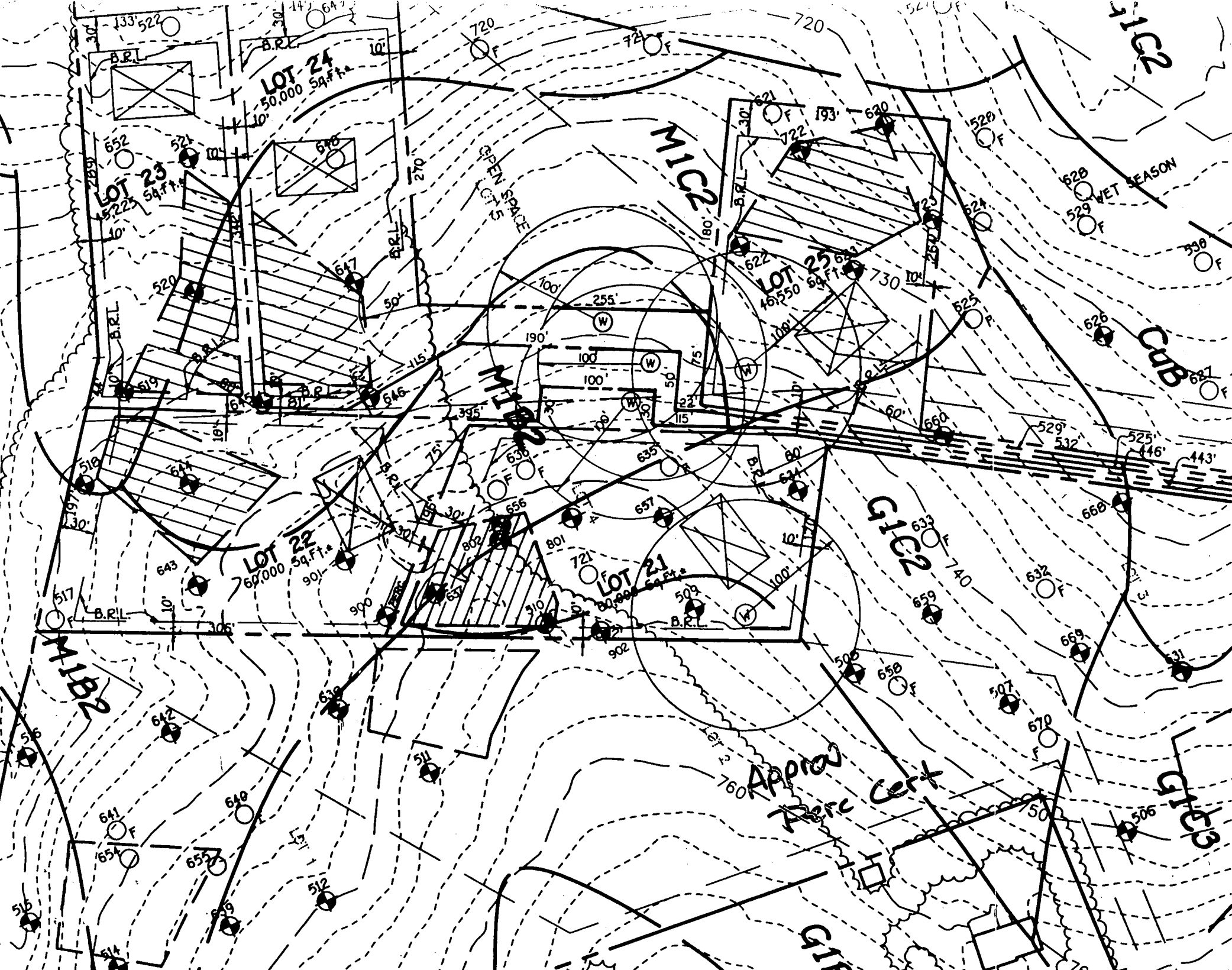
TYPE OF SOIL \_\_\_\_\_

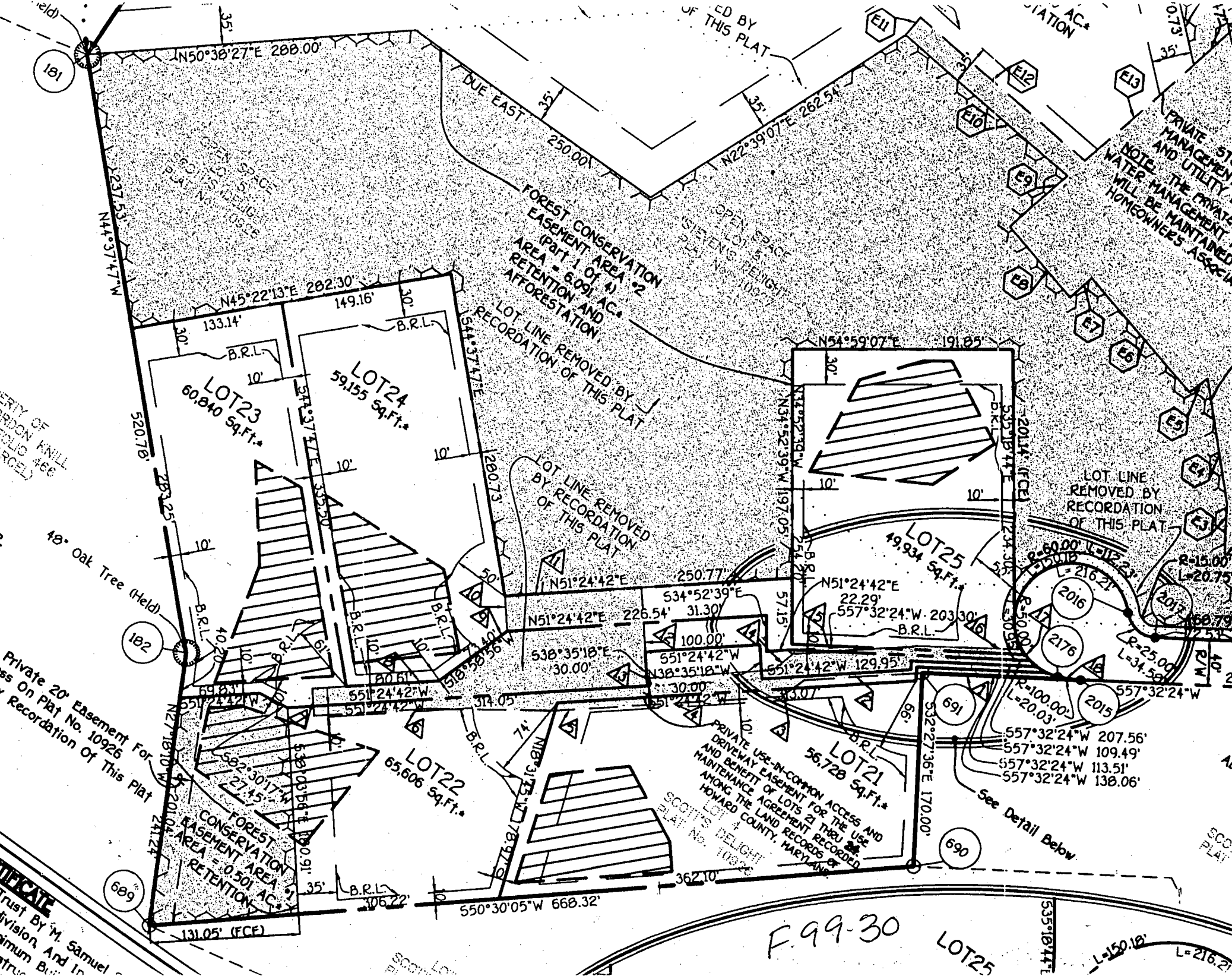
TESTED BY M. Rifkin ALSO PRESENT \_\_\_\_\_



1. ALL THE
2. PER THE
3. TOP 5' C
4. TAX
5. PAR







N50°38'27"E 288.00'

DUE EAST 250.00'

N22°39'07"E 262.54'

N45°22'13"E 282.30'

133.14'

149.16'

LOT 23  
60,840 Sq.Ft.\*

LOT 24  
59,155 Sq.Ft.\*

LOT 25  
49,934 Sq.Ft.\*

LOT 22  
65,606 Sq.Ft.\*

LOT 21  
56,728 Sq.Ft.\*

FOREST CONSERVATION EASEMENT AREA - 0.501 AC\*

FOREST CONSERVATION EASEMENT AREA #2 (Part 1 of 4) AREA - 6.091 AC\* RETENTION AND AFFORESTATION

LOT LINE REMOVED BY RECORDATION OF THIS PLAT

LOT LINE REMOVED BY RECORDATION OF THIS PLAT

LOT LINE REMOVED BY RECORDATION OF THIS PLAT

PRIVATE USE-IN-COMMON ACCESS AND DRIVEWAY EASEMENT FOR THE USE AND BENEFIT OF LOTS 21 THRU 25 MAINTENANCE AGREEMENT RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

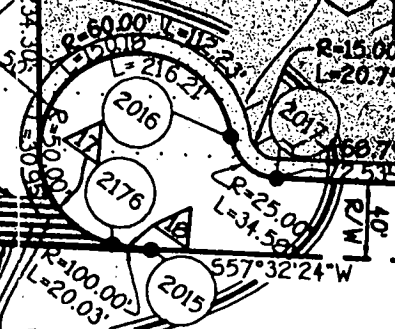
PRIVATE SITE MANAGEMENT AND UTILITY NOTE: THE PRIVATE WATER MANAGEMENT WILL BE MAINTAINED HOMEOWNERS ASSOCIATION

PROPERTY OF GARDON KNILL (HOLDING PARCEL)

48' Oak Tree (Held)

Private 20' Easement For Recordation of This Plat

Trust By M. Samuel Division, And In



F.99-30

LOT 25

L=150.18'

L=216.21'