

# PERMIT

SEWAGE DISPOSAL SYSTEM TAX 05 405432

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH  
313-2640

INDEXED

DATE SYSTEM APPROVED 8-17-93

INSPECTOR C. Bd

8/16/93 2 P.C.0's  
P 49491  
A 37038

DISTRICT 5th

DATE 8-2-93

Harry O. Shaneybrook Plumbing Company IS PERMITTED TO INSTALL  ALTER

ADDRESS 144 Westminster Road, Reisterstown, Maryland 21136 PHONE 833-3820

SUBDIVISION The Chase LOT 41 ROAD 11622 Log Jump Trail

PROPERTY OWNER Wendy M. Lance

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS 1750 gallons septic tank

NUMBER OF BEDROOMS 4 6 bedrooms

180 SQUARE FEET PER BEDROOM 180 square feet per bedroom

LINEAR FEET OF TRENCH REQUIRED 180 270 Linear feet of trench required

TRENCHES - Trench to be 2 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 7 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 230 feet from the front lot line and 120 feet off the left lot line. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/14/92 Rjt

PLANS APPROVED BY Sid Abel/ C. Williams REVISED DATE 1/08/87 6/23/92

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.

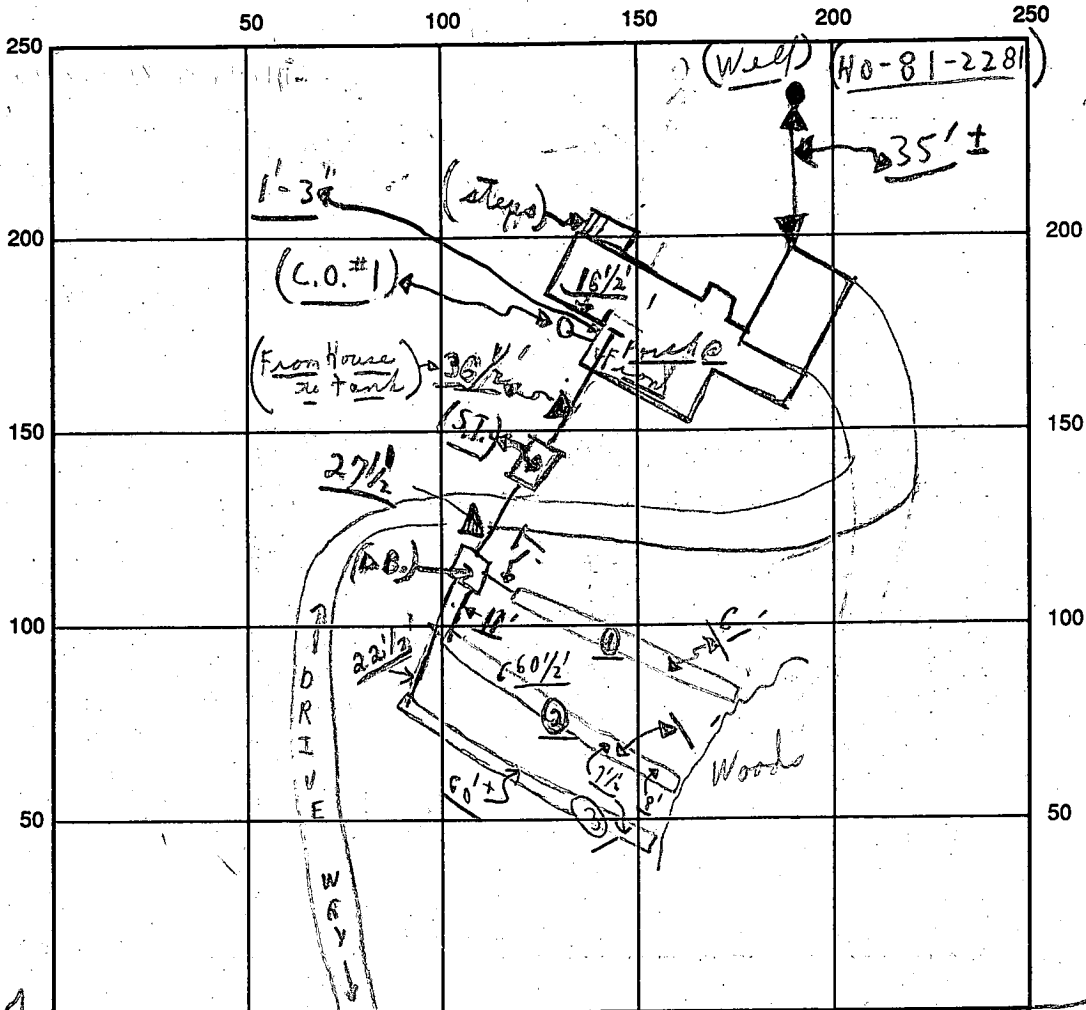
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 37038

8/16/93/PM - Early  
M. Latal  
8/17/93  
NOON  
2:00

Logged  
Filed



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK CLEANOUTS (S.T.) (Manhole) (partial) C.O. #1 needed by Yes

DISTRIBUTION BOX LEVEL OK (Baffles in) (need 2 more runs)

DRAIN FIELD/TITLE DEPTH 7 1/2<sup>+</sup> / 10' / 12' FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4<sup>+</sup> FT. TOTAL LENGTH 61' 60 1/2' 60' = 181<sup>+</sup> FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL / BOTTOM AREA 724<sup>+</sup> SQ. FT.

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

ABSORBENT AREA 724 SQ. FT.

REMARKS: Partial 8/16/93 Late A.M. 11:15 ok to cover from house to Dist. Box,  
except S.T. C.O. area, and #1 trench - all completed - ckd,  
8/18/93 Late in P.M. - partial #2 trench ok to cover except  
for 2' at ends + middle; ckd 8/17/93 (11:00) No change ckd + A.M. ckd  
8/17/93 Late - Finish material on site - last load of stone unloaded  
ok to cover as per ckd (No W.P.I. - 8/16 or 8/17) ckd

DATE SYSTEM APPROVED 8/17/93 INSPECTOR Charles Bryan Starker

3-22-93  
after 2pm

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 # 3-22-93  
Date \_\_\_\_\_  
Name of Installer Harry D. Shanbrook Telephone 410-833-3820  
License Number HC 7956  
Certified Well Pump Installer \_\_\_\_\_ Well Driller Wendy Lance Registered Plumber   
Name of Property Owner HOWARD EST DEVELOP Telephone 410-964-9593  
Subdivision THE CHASE Lot # 41 Well Tag # HO-81-2281  
Site Address 11622 LOG JUMP TRAIL

Pump  
1. Type  
a. Deep well jet \_\_\_\_\_  
b. Shallow well jet \_\_\_\_\_  
c. Submersible   
2. Make Goulds  
3. Model # SES07412  
4. Capacity 5 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 3/4  
2. RPM 23450  
3. Voltage \_\_\_\_\_  
a. 110 \_\_\_\_\_  
b. 220

Pitless Adapter  
1. Make Campbell  
2. Model # PT 800  
3. Depth \_\_\_\_\_

Tank  
1. Capacity WX 350 120gal  
2. Pressure relief valve? Yes

Piping  
1. Type Polybutylene  
2. Size 1 in  
3. NSF and/or BOCA Code approved   
4. Depth of supply line 42 in

Well data  
1. Depth 300 ft.  
2. Yield 12 GPM  
3. Static water level 52 ft.  
4. Will water supply be disinfected by installer? Yes

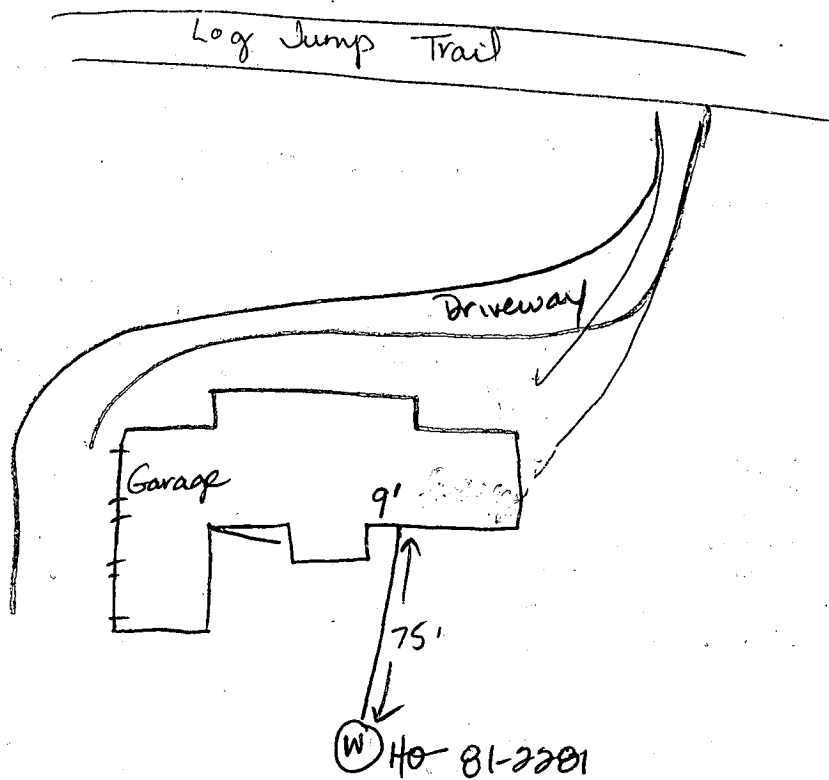
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: Harry D. Shanbrook 3-22-93

Date: 3-22-93

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

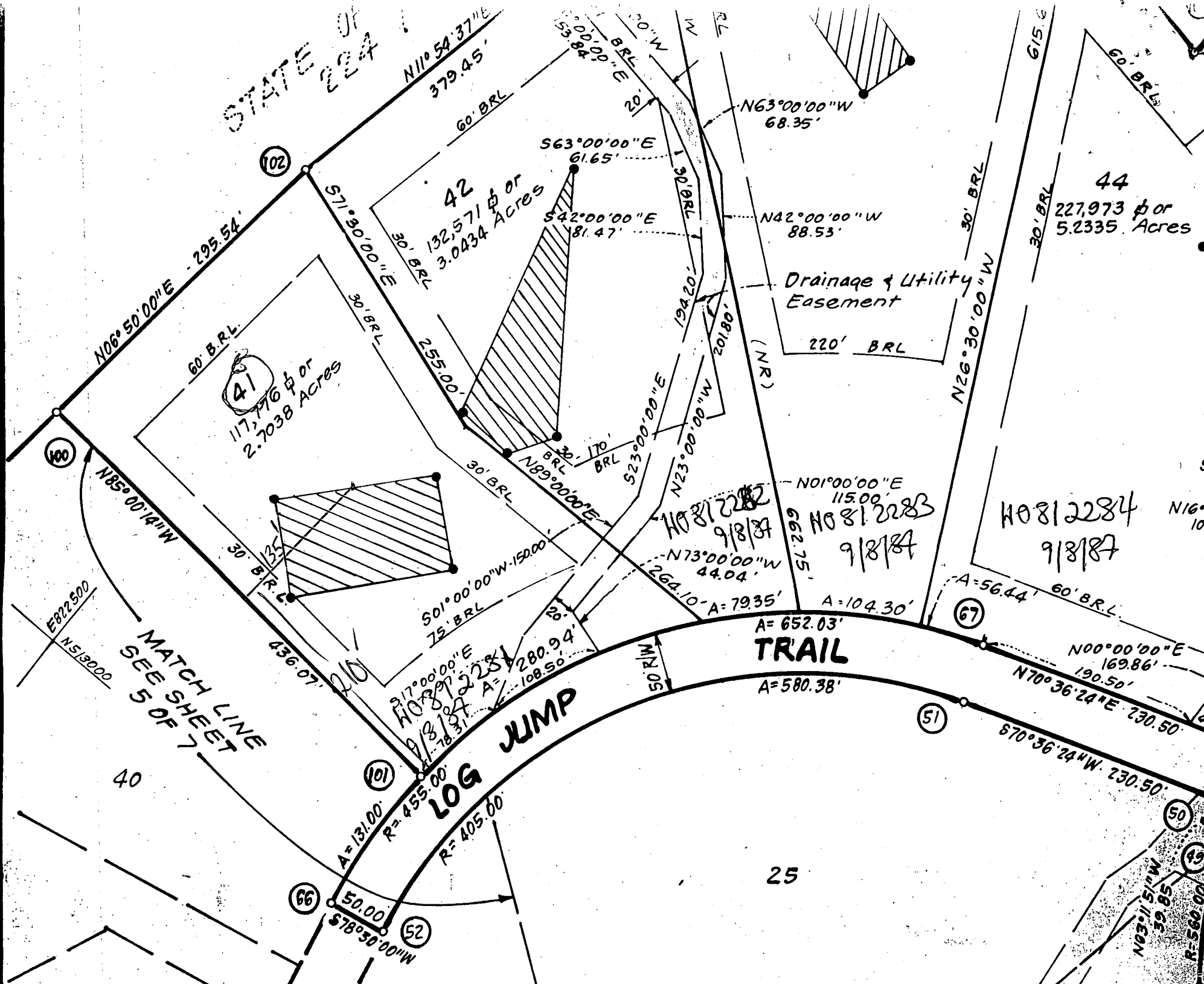


32  
 24  
 138  
 64  
 72

3-22-93

Well line at 54 inches below grade. Pitless adaptor at 41 inches below grade. House connection OK. No well pump installed yet. JENadeau

STATE OF  
224



102  
N06°50'00"E - 295.54'  
60' B.R.L.  
N06°50'00"E - 295.54'

41  
117,776 ± or  
2.7038 Acres

N11°58'37"E  
379.45'

42  
132,571 ± or  
3.0434 Acres

S63°00'00"E  
61.65'  
S42°00'00"E  
181.47'

N63°00'00"W  
68.35'

N42°00'00"W  
88.53'

Drainage & Utility  
Easement  
220' B.R.L.

44  
227,973 ± or  
5.2335 Acres

180  
N85°00'14"W

30' B.R.L.  
30' B.R.L.  
30' B.R.L.  
30' B.R.L.

S01°00'00"W - 150.00'  
75' B.R.L.

S23°00'00"E  
N23°00'00"W  
N89°00'00"E

N01°00'00"E  
115.00'  
N0812282  
9/8/87  
N0812283  
9/8/87

N0812284  
9/8/87

N73°00'00"W  
44.04'

A=79.35'  
A=104.30'

A=56.44'  
60' B.R.L.

E822500  
N513200

MATCH LINE  
SEE SHEET  
5 OF 7

LOG JUMP  
R=405.00'

TRAIL  
A=580.38'

N00°00'00"E  
169.86'  
N70°36'24"E  
230.50'

40

101

A=131.00'  
R=455.00'

66

52

50.00'  
N00°30'00"W

25

51

50

49

N03°11'51"W  
58.59'  
R=560.00'

# APPLICATION

PERCOLATION TESTING

A 37038

P \_\_\_\_\_

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

DISTRICT 5

DATE 5/15/86

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 Wayback Corporation

ADDRESS P.O. Box 1018, Columbia, MD. 21044 PHONE 997-8800

PROSPECTIVE BUYER NONE

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

PROPERTY LOCATION:

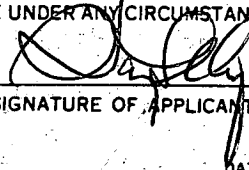
SUBDIVISION The Chase - formerly The Paddock LOT NO. 38 Prelim  
46 41

ROAD AND DESCRIPTION Homewood Road

TAX MAP 29 PARCEL # 24

SIZE OF LOT 3 acres TYPE BLDG. S.F.D.  
(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.

  
(SIGNATURE OF APPLICANT)

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

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

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

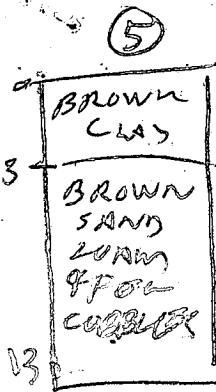
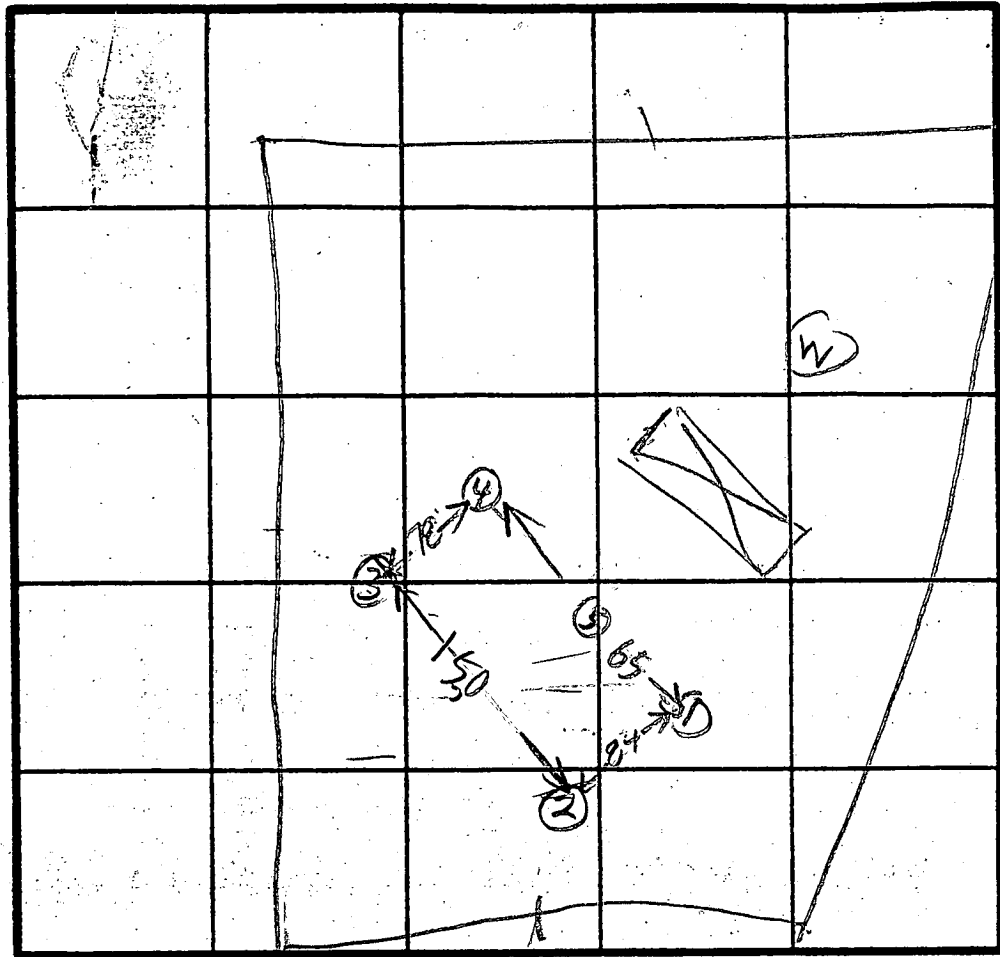
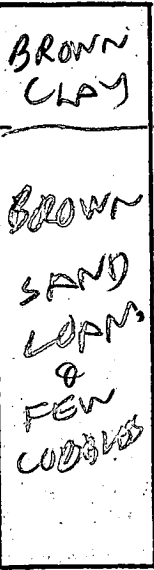
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

20146

Lot 96

SOIL PROFILE



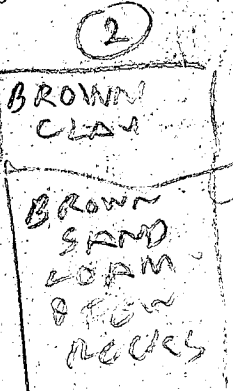
HOLE  
ELEVATION

- ① = HIGHEST
- ⑤ = NEXT HIGHEST
- ④ = MIDDLE
- ②③ = LOW

X PERC  
4min

INLET  
3.5  
BOTTOM  
5.0'  
180 φ 100

05  
20  
13



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

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/9/86	15	9	147	150	156	158	5
	1V	13	LOOKS OK				
	25	6	206	201	201	202	1
	2V	14.5	LOOKS OK				
	35	4	209	208	208	209	1
	3V	15	LOOKS OK				
	45	5	214	218	216	219	3
	4V	11	LOOKS OK				
	5V	13	LOOKS OK				

REMARKS: Holes dug per Surveyor's plot BOB YOE'S BACK  
TYPE OF SOIL: Test by R. Hudson LONNAY HOLE

11





B 1 5366 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

MD-81-2281  
fill in this form completely

Date Received

090887

OWNER INFORMATION

HOWARD 937 DEVEL COR  
Last Name Owner First Name

408 1018  
Street or RFD

COLUMBIA MD 21044  
Town State Zip

DRILLER INFORMATION

George F. Easterday 90  
Driller's Name License No. 80

L. Franklin Easterday, Inc.  
Firm Name

9265 Br. Ch. Rd., Mt. Airy, Md. 21771  
Address

George F. Easterday, 8/15/87  
Signature Date

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)

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

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

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

APPROX. PERMIT NUMBER GAP

FORCE 54 INITIALS IN BOX PERMIT No. MD-81-2281

SPECIAL CONDITIONS

B 3

LOCATION OF WELL

HOWARD COUNTY

THE CHAPE 23 SUBDIVISION

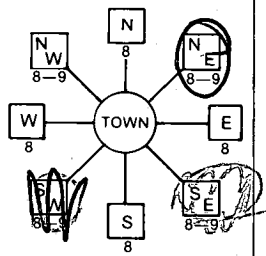
SECTION 44 46 LOT 41 48 50

GLENEZE CLEARASVILLE 52 NEAREST TOWN

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

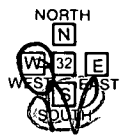
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



LOG JUMP ROAD NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



0400 DISTANCE FROM ROAD ENTER FT or MI 47

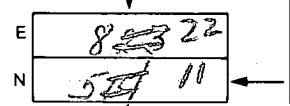
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME COUNTY NO. A-37038
OEP SIGNATURE DATE ISSUED 090887 State, Md. 03-07-88
NORTH GRID 511000 EAST GRID 0822000

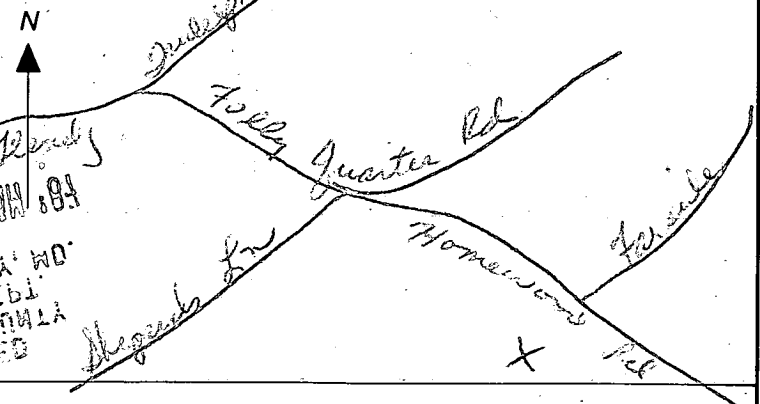
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

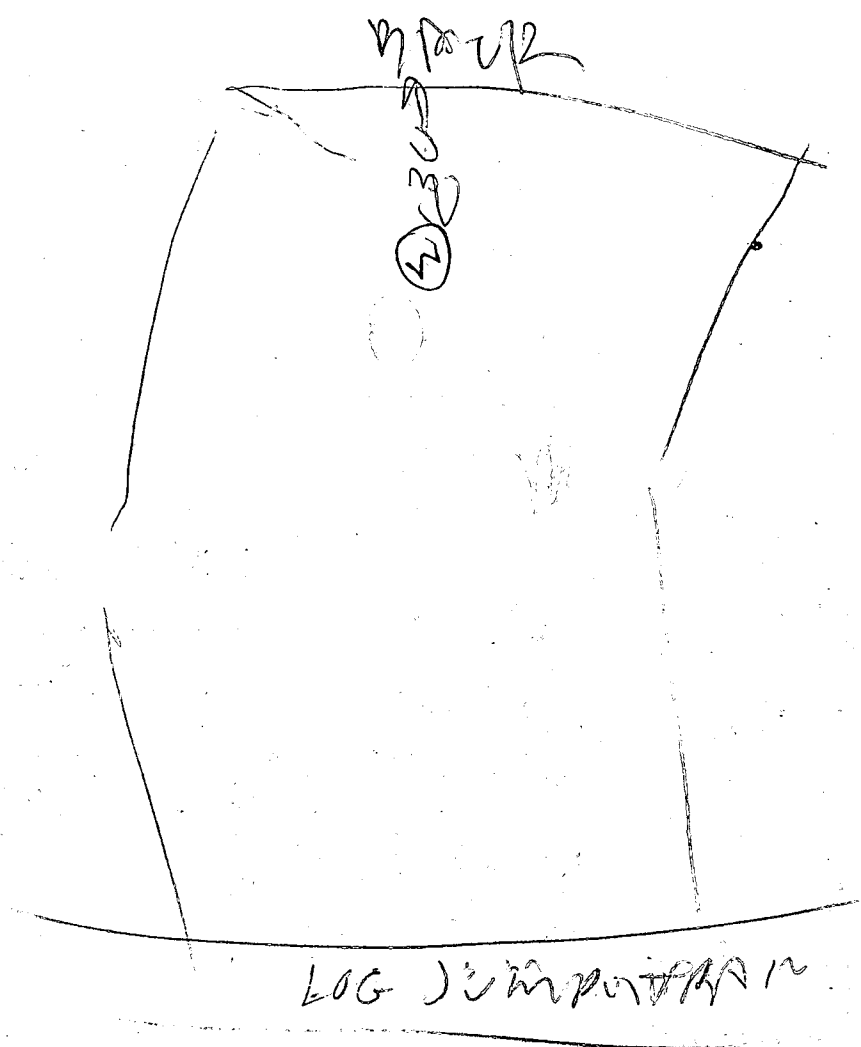
- SOURCES OF DRILLING WATER 1. well 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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





- ① 41 ft casing
- ② 29 ft open hole
- ③ Location OK
- ④ 2 BAG 4
- ⑤ WELL OK

20 of 57  
 B Hodger

RECEIVED  
 HOWARD COUNTY  
 HEALTH DEPT.  
 AUG 18 9 03 AM '87

AUG 17 9 32 AM '87