

3/1/89  
AM ANYTIME

TAX# 05 405343

# PERMIT

P 43007

SEWAGE DISPOSAL SYSTEM

A 37029

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 5th

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

## INDEXED

DATE 7/10/89

DATE SYSTEM APPROVED 1 MAR 89

INSPECTOR RII

Frall Septic Service, Inc.

IS PERMITTED TO INSTALL  ALTER

ADDRESS P. O. Box 659, Mount Airy, Maryland 21771 PHONE 725-2392 795-5674

SUBDIVISION The Chase ROAD 11670 Log Jump Trail LOT 33

PROPERTY OWNER Dr. and Mrs. S. Ashai

ADDRESS \_\_\_\_\_

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

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

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 240 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Start the first trench 140 feet from the front lot line and 115 feet from the right lot line as seen when facing the lot from Log Jump Trail. Run trenches on contour toward the right lot line. NOTE: Minimum 3 - trenches - 105 feet each must be installed for initial system.

NOTE - Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

OK/CO

PLANS APPROVED BY Sid Abel DATE 2/09/89

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES)

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

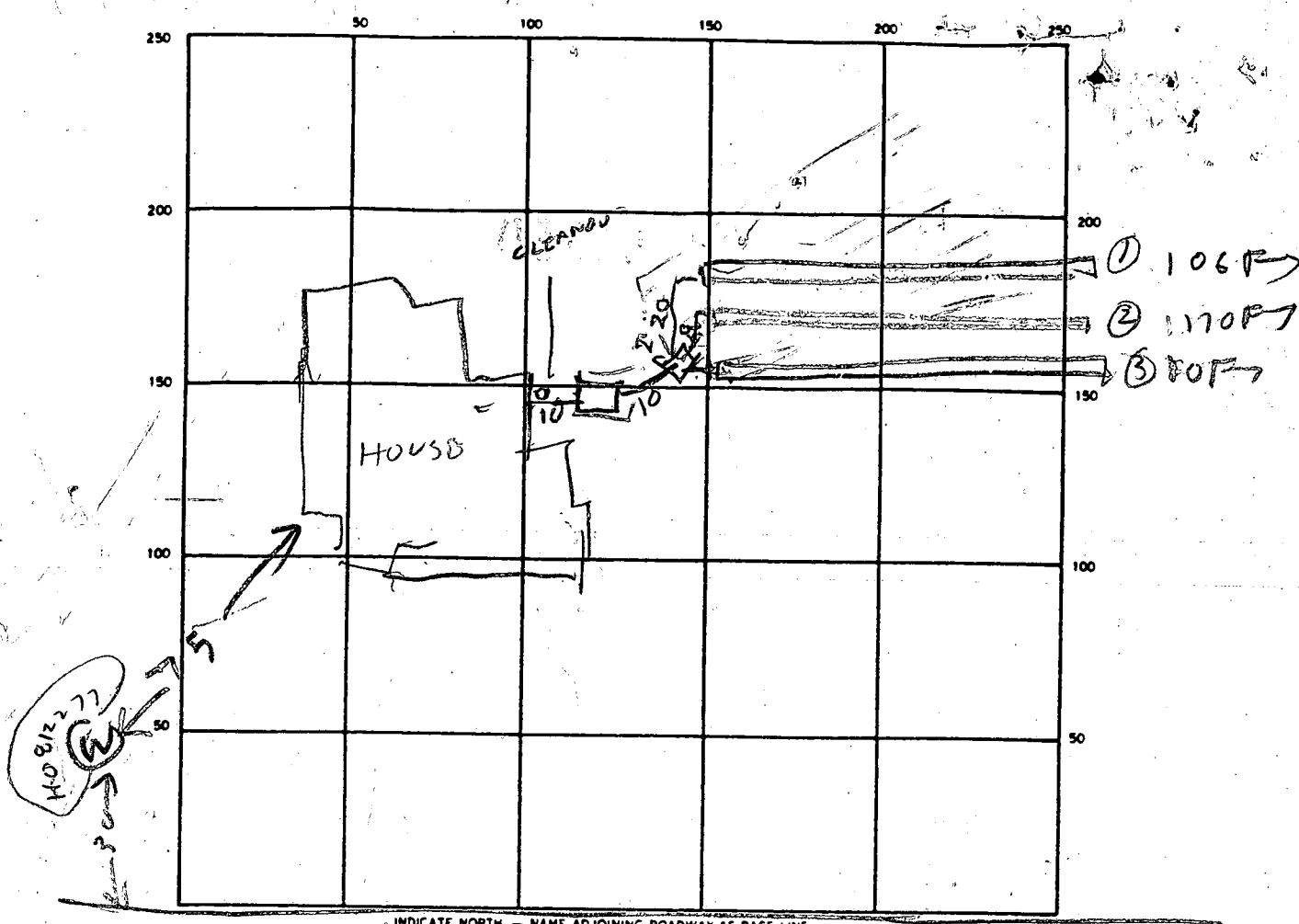
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED  
AND RETURNED 2/24/91

Serial # 36689 - Prod

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



LOG YUMP TRAIL

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK CLEANOUTS OK ST / HOUSE SEWER OK / OK

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD DEPTH 1 2 3 / 5 5 5 FT. TRENCH WIDTH 1 2 3 / 3 3 3 FT. INLET DEPTH 1 2 3 / 3.5 3.5 3.5 FT.

EFFECTIVE GRAVEL DEPTH 1 2 3 / 1.5 1.5 1.5 FT. TOTAL LENGTH 106 / 140 / 1100 FT. INSTALL / REQUIRED

NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA 978 / 960 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 1 MAR 89 - LOCATION OK + TRENCHES OK

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DATE SYSTEM APPROVED 1 MAR 89 INSPECTOR Raymond Hodger

# APPLICATION

PERCOLATION TESTING

A 37029

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 DR + MRS. S. ASHAI

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. 31 33 *30 Prelim. & Final*

ROAD AND DESCRIPTION Homewood Road 11670 Log Jump Trail

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]*  
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abel FOR Shallow tile field DATE 1-8-87

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

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

REASONS FOR REJECTION OR HOLDING 7/1/86 - PERC SATISFACTORY, hold for subdivision PLAT. Shallow

Syst only. S. Ash. 11/9/88 SDA change and for signature  
BLDG. PERMIT SIGNED \_\_\_\_\_ AND RETURNED 6-29-88  
AND RETURNED Co-27-88

BP19416 Construction TRAILER BP-19591 SBC

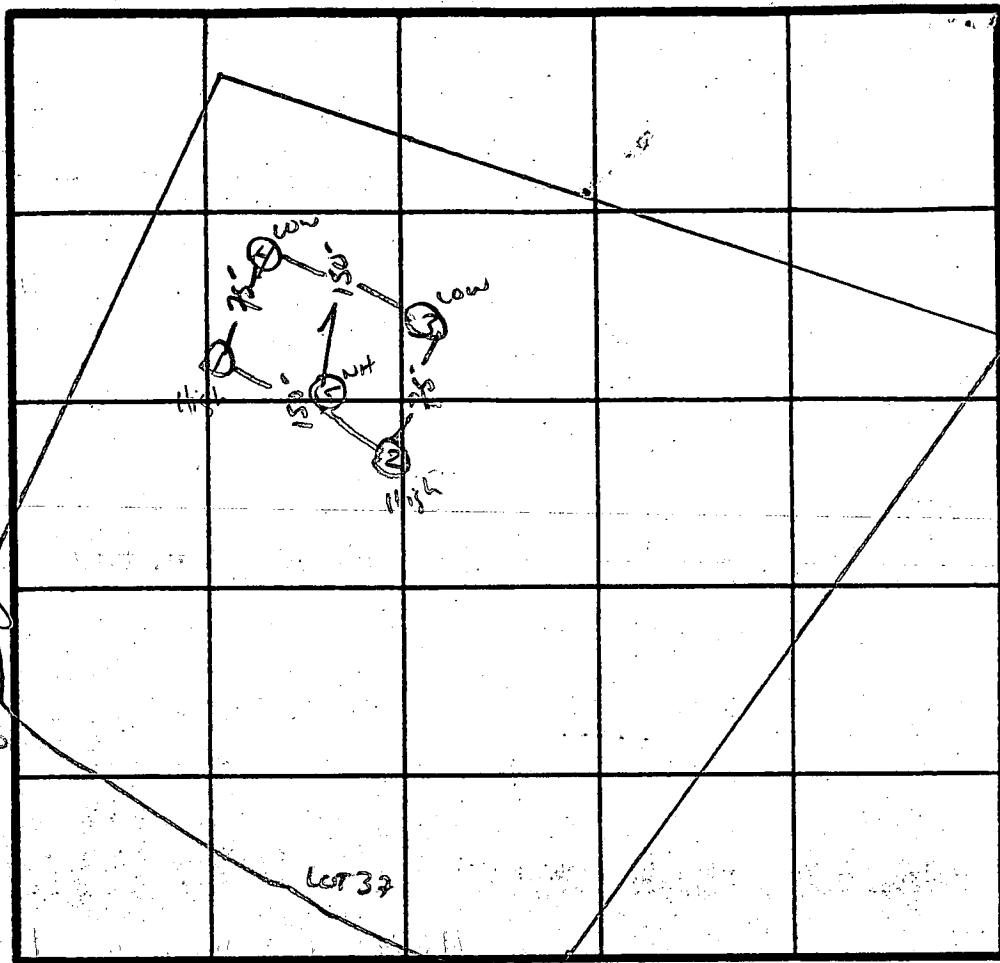
# THIS IS NOT A PERMIT

SOIL PROFILE

4-3  
 Yellow BR. SAND LOAM  
 < 7% CLAY  
 210% FRAG.  
 FEW SMALL GRAVEL

3.5'  
 Brown Silt SAND LOAM  
 < 10% FRAGMENTS

12.5'



X PERC  
 10 MIN  
 INLET  
 3.5'  
 BOTTOM  
 5.0'

200 #/BR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Homewood Rd.

4-3  
 Yellow BR. SAND LOAM very  
 Gravelly 30-40%  
 < 9% CLAY

3.5'  
 Brown, Silt  
 LOAM slight  
 micaceous  
 < 10% FRAGMENTS

12.5'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
7/1/86	1 S V	4' 12.5'	2:00	2:14	2:14	2:42	28min	
	2 S M (12')	3' 9'	2:16 2:23	2:18 2:25	2:18 2:25	2:23 2:27	5min 2min	
	3 S V	4' 11.5'	2:10	2:12	2:12	2:18	6min	
	4 S V	3.5' 12'	2:05	2:08	2:08	2:13	5min	
	5 S V	12'	SAME AS HOLE # 1+2					
	2 V HOLE 2 SAME AS HOLE # 1.							

REMARKS Holes per PLAT/shallow syst. only

TYPE OF SOIL MANDR Gravelly LOAM

S. Abel

Tom, Bob, MAT, LARRY

C1 6082

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A-37029

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received grid

DATE WELL COMPLETED 100887

Depth of Well 305 (TO NEAREST FOOT)

PERMIT NO. 40-81-2277

OWNER: RYAN BUILDERS + H. SHAI H.S. STREET OR RFD: LOG JUMP TRAIL TOWN: CLARKSVILLE SUBDIVISION: THE CHASE SECTION: LOT: 33

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for SAND and GRAY MICASAND.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 92, NO. OF POUNDS: 846.

CASING RECORD: casing types insert appropriate code below: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). MAIN CASING TYPE: ST, Nominal diameter: 6, Total depth of main casing: 44.

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type or open hole insert appropriate code below: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

DEPTH (nearest ft.) section with grid for depth measurements: HO 41, 305.

- 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...

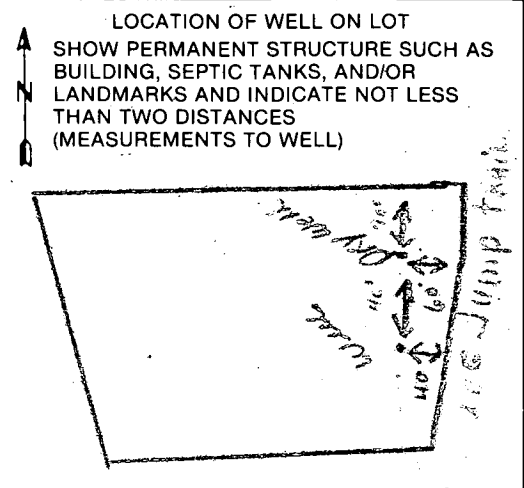
DRILLERS IDENT. NO. 238
DRILLERS SIGNATURE: Joseph T. Murphy
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)
GRAVEL PACK
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
TELESCOPE CASING
LOG INDICATOR
OTHER DATA

PUMPING TEST: HOURS PUMPED (6), PUMPING RATE (1.4), METHOD USED TO MEASURE PUMPING RATE (bucket), WATER LEVEL (31), WHEN PUMPING (180), TYPE OF PUMP USED (S) submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (C) centrifugal, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+) above LAND SURFACE (3).



**C1** 4577 SEQUENCE NO. (DENV USE ONLY)  
 1 2 3 6  
 (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# 37029**

ST/CO USE ONLY  
 DATE Received **11/13/0** DATE WELL COMPLETED **06/1/91**

Depth of Well **500**  
 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" **HO-88-1906**  
 OF MR **9/18/91**

OWNER **ASHAE DR. & MRS. S.**  
 STREET OR RD **LOG JUMP TRAIL** first name TOWN **CLARKSVILLE**  
 SUBDIVISION **THE CHASE** SECTION **-** LOT **33**

**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	
shale	2	8	
sand	8	30	
glauk	30	35	✓
gray flat clay	35	500	

RECEIVED  
 00:119 5-21-91

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED  YES  NO  
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS **10** NO. OF POUNDS **1000**  
 GALLONS OF WATER **50**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **23** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER

**MAIN CASING**  
 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)  
**S4** **6** **92**

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

**SCREEN RECORD**  
 screen type or open hole insert appropriate code below  
 ST STEEL  BR BRASS  HO OPEN HOLE  
 PL PLASTIC  OT OTHER

**C2**

EACH SCREEN	DEPTH (nearest ft.)	
	1	2
1	<b>40</b>	<b>500</b>
2		
3		

SLOT SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_  
 DIAMETER OF SCREEN \_\_\_\_\_ (NEAREST INCH)  
 from \_\_\_\_\_ to \_\_\_\_\_

GRAVEL PACK \_\_\_\_\_  
 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.) W Q  
 70  72  74  75  76   
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **4**  
 METHOD USED TO MEASURE PUMPING RATE **bucket**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **50**  
 WHEN PUMPING **500**  
 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 } LAND SURFACE  
 below } \_\_\_\_\_ (nearest foot)

**LOCATION OF WELL ON LOT**  
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)  
 → well

**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 26.04.04 "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. **40**  
 DRILLERS SIGNATURE **George F. Easterday**  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

SITE INSPECTION SHEET

OWNER: PIL SWIN DR. + MRS. S. ASHAI DATE REQUESTED: 6/4/91 9:00

PHONE #: \_\_\_\_\_ CONTRACTOR: EASTON DAY

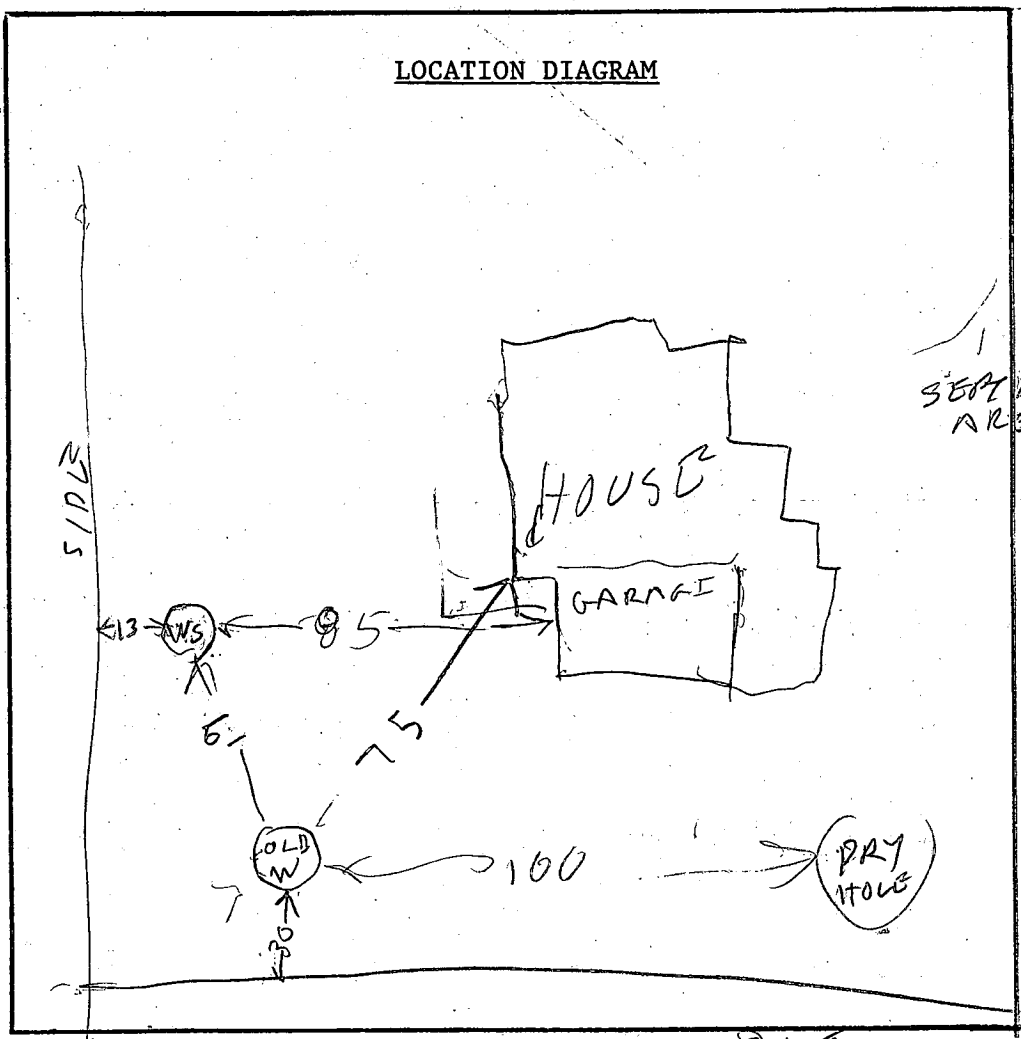
ADDRESS: 11670 LOG JUMP TRAIL WELL TAG #: HO-88-1906 (New Well) <sup>Replacement</sup>

THE CHASE - LOT 33 COUNTY #: A # 37029

PROPOSAL: REPL. WELL SITE - EXISTING WELL PRODUCING APPROX 1/2 GPM.

NOTE TO INSPECTOR - BE ALERT IN SELECTION OF WELL SITE,

1 DAY HOLE / SEPTIC AREA ADJUSTED FROM RECORD PLAT. CW.



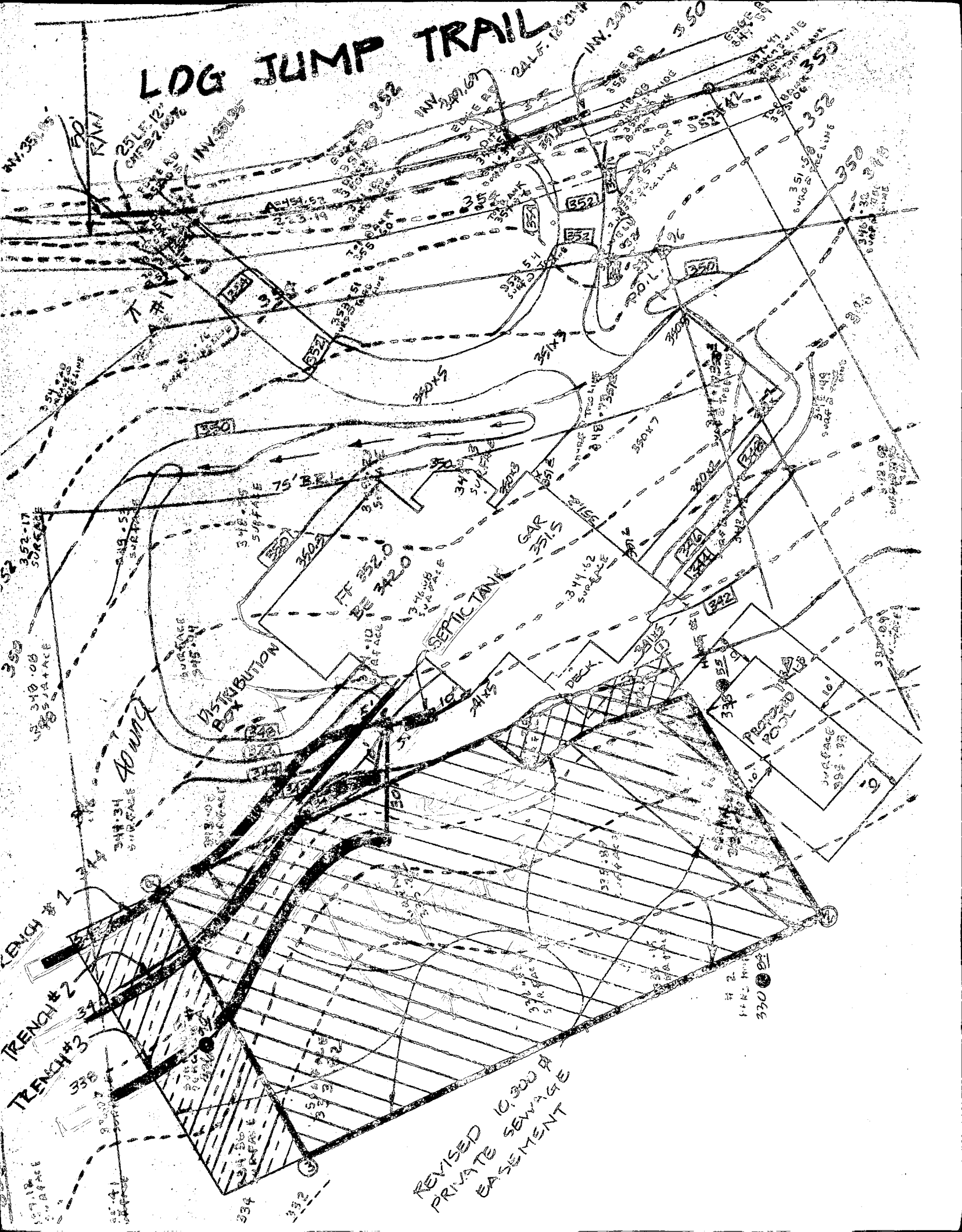
EXIST HOUSE

SEPTIC AREA

COMMENTS: 6/4/91 WELL STAKE OK R.H.

DATE: 6/4/91 INSPECTOR: R. HODGERS

# LOG JUMP TRAIL



1,700  
#38  
1,650  
1,600  
1,550  
1,500  
1,450  
1,400  
1,350  
1,300  
1,250  
1,200

**SEPTIC SYSTEM DATA**

INV. @ HOUSE: 339.5

**SEPTIC TANK**

EX. GRADE 342  
FIN. GRADE 342  
INV. IN 339.3  
INV. OUT 339.0

**DISTRIBUTION BOX**

EX. GRADE 342  
FIN. GRADE 342  
INV. IN 338.8  
INV. OUT 338.8

LOG. PERMIT, SIGNED AND RETURNED 2-28-89



*Carl Sandberg*

**TRENCHES** (NUMBER & LENGTH TO BE DETERMINED BY HOWARD COUNTY HEALTH DEPARTMENT)

	1	2	3
EX. GRADE	342	339.8	337.5
FIN. GRADE	342	339.8	337.5
INV. IN	338.5	336.3	334
BOTTOM	337	334.8	332.5

**NOTES:**

- DESIGNATES SEPTIC AREA TO BE DELETED FROM SEPTIC FIELD.
- DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 S.F. AS REQUIRED BY THE MD STATE DEPT. OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY KIND IN THIS AREA ARE RESTRICTED. 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 PLAT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
- DESIGNATES SUCCESSFUL PERC TEST WITH ELEVATION.
- TOPOGRAPHY SHOWN FIELD-RUN BY SHANABERGER & LANE 5/7/88.
- B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
- DESIGNATES AREA TO BE DELETED FROM SEPTIC ESMT.
- DESIGNATES AREA TO BE ADDED TO SEPTIC ESMT.

LOT 34

REVISED 10,000 S.F. PRIVATE SEWAGE EASEMENT

147,886 S.F. or 3.3450 AC.

LOG JUMP TRAIL

**PLAT SHOWING REVISED 10,000 S.F. PRIVATE SEWAGE EASEMENT**

LOT 33 THE CHASE  
PLAT # 7264  
5TH ELECTION DISTRICT  
HOWARD COUNTY, MD  
SCALE: 1"=30'

SHANABERGER & LANE  
8726 TOWN & COUNTRY BLVD.  
SUITE 203  
ELLCOTT CITY, MD. 21043  
(301) 461-9563  
MAY 19, 1988  
REV. 7/11/88  
REV. 11/4/88

LOT 32

APPROVED: FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS.

*Joseph J. Ford* 2-1-89  
COUNTY HEALTH OFFICER DATE

100 YEAR FLOOD PLAIN, DRAINAGE & UTILITY EASEMENT 18.9314 ACRES

N 87° 42' 24" E 250.20'

S 88° 55' 29" W 459.78

N 74° 21' 28" E 129.81

S 14° 54' W 370.00'

N 39° 32' 04" E 635.00'

30' B.L.

33