

6/11/85 App'd J.S.

6/11/85

PERMIT

P 35624
A 34575

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

ELLICOTT CITY

DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

04-326415

DATE 6/10/85

INDEXED

David Hopkins IS PERMITTED TO INSTALL X ALTER

ADDRESS 866 W. Watersville Road, Mt. Airy, Maryland PHONE 829-2379

SUBDIVISION Payne Track ROAD 17530 Old Frederick LOT (Parcel B)

PROPERTY OWNER DAVID David Hopkins 831-7257

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 1000 GALLONS NUMBER OF BEDROOMS 3

263
2 | 525
175
3 | 525

TRENCHES - 175 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4 1/2 feet below original grade. Effective area begins at 4 feet below original grade. 1 1/2 feet of stone below distribution pipe. LOCATION: Start the first trench 160 feet from the right lot line and 780 feet from the rear lot line as seen when facing the property from Old Frederick Road. Run trench(s) along 1 contour toward right lot line. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench(s) before gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY Craig Williams DATE 6/7/85

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.

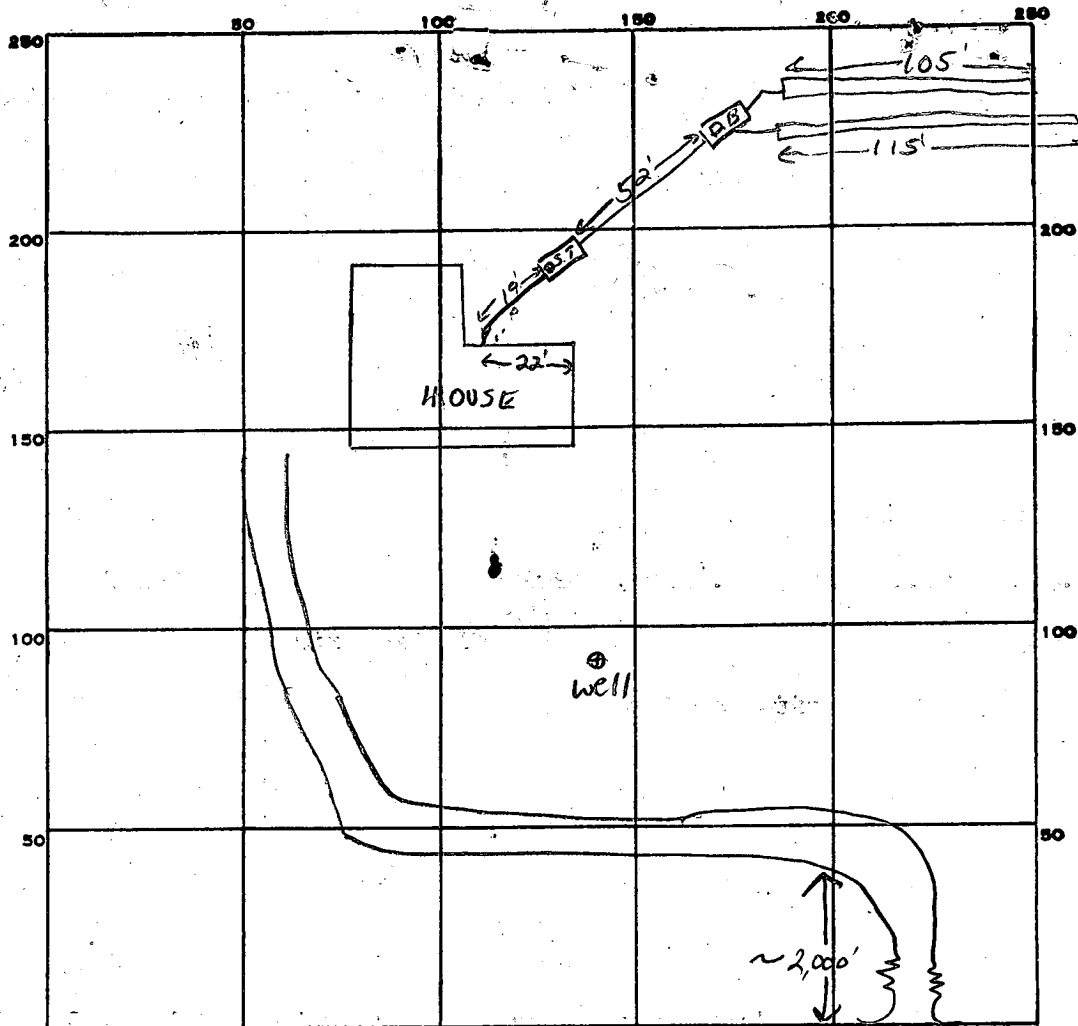
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 34575



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Old Fredrick Rd

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS S.T. o.k.

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 4-4 1/2 FT. TRENCH WIDTH 30" FT.

GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 220 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 550 sq ft

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

ABSORBENT AREA - SQ. FT.

REMARKS 6/11/85 O.K to cover all work F.S.

DATE SYSTEM APPROVED

6/11/85

INSPECTOR

F. Skinner

APPLICATION

11/26/84
9:30

A 34575

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4

DATE 11/14/84

INLET MAX. 3'
TOTAL DEPTH MAX. 4 1/2'
1/2" Stone
175# / Bedroom

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

LOCATION: Per attached drawing along 700' contour line
Start 160' from a point (point 30' north of STAKE # (14) #31)
on the 963,81 prop. line and run toward 963 prop. line

3 BR ~~360'~~ @ design
4 BR ~~470'~~

PROPERTY OWNER David E Hopkins

ADDRESS 866 W. WATERSVILLE Rd PHONE 829-2379
Mt. Airy Md. 21771

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. Parcel A + Parcel B

ROAD AND DESCRIPTION 400-500 feet west of W. WATERSVILLE Rd on
17550 Old FREDERICK Rd

SIZE OF LOT 1-28 acre + 1-29 acre TYPE BLDG. 3-4 bedroom
(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. David E Hopkins
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE B.P. # 63506

REJECTED BY _____ FOR _____
HOLD PENDING FURTHER TESTS _____
OLD DATE PERMIT SIGNED AND RETURNED 3-21-85

REASONS FOR REJECTION OR HOLDING 11/26/84 - HOLD FOR REVIEW BORDERLINE LOT
ROCK & TOO FAST & TOO SLOW R/H 11/27/84 FS sand OK FOR
SHALLOW DRAIN FIELD, HOLD FOR CERTIFIED HOLE PLAT R/H

THIS IS NOT A PERMIT

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/26/84	42 45	7 1/2 3 1/2	430 438	433 505	433 1st inch	438 31	5
	4V	12	LOOK	5.0K	BELOW	4FT	
	50 53	8 1/2 4 1/2	451 452	454 500	454 500	502 504	8 4

45
32
20
1
C/O

REMARKS

inve off 600 pm 1/2 hr DT

TYPE OF SOIL

TESTED BY

BACKHOE W/HOPKIN
ALSO PRESENT

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 34575

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4

DATE 11/14/84

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 David E Hopkins

ADDRESS 866 W. WATERSVILLE Rd PHONE 829-2379
Off. A. Md. 21771

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. ~~Parcel A~~ + Parcel B

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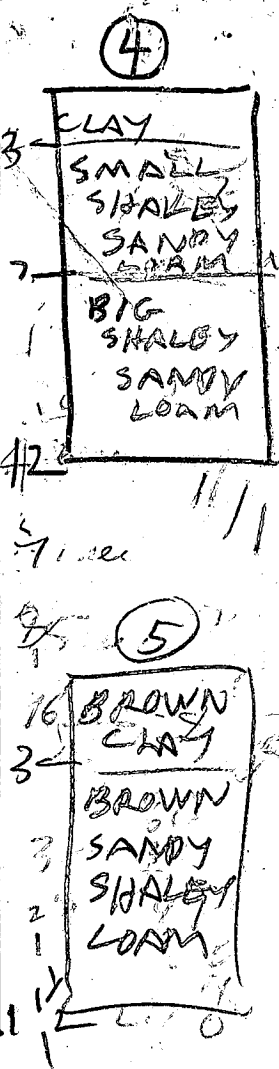
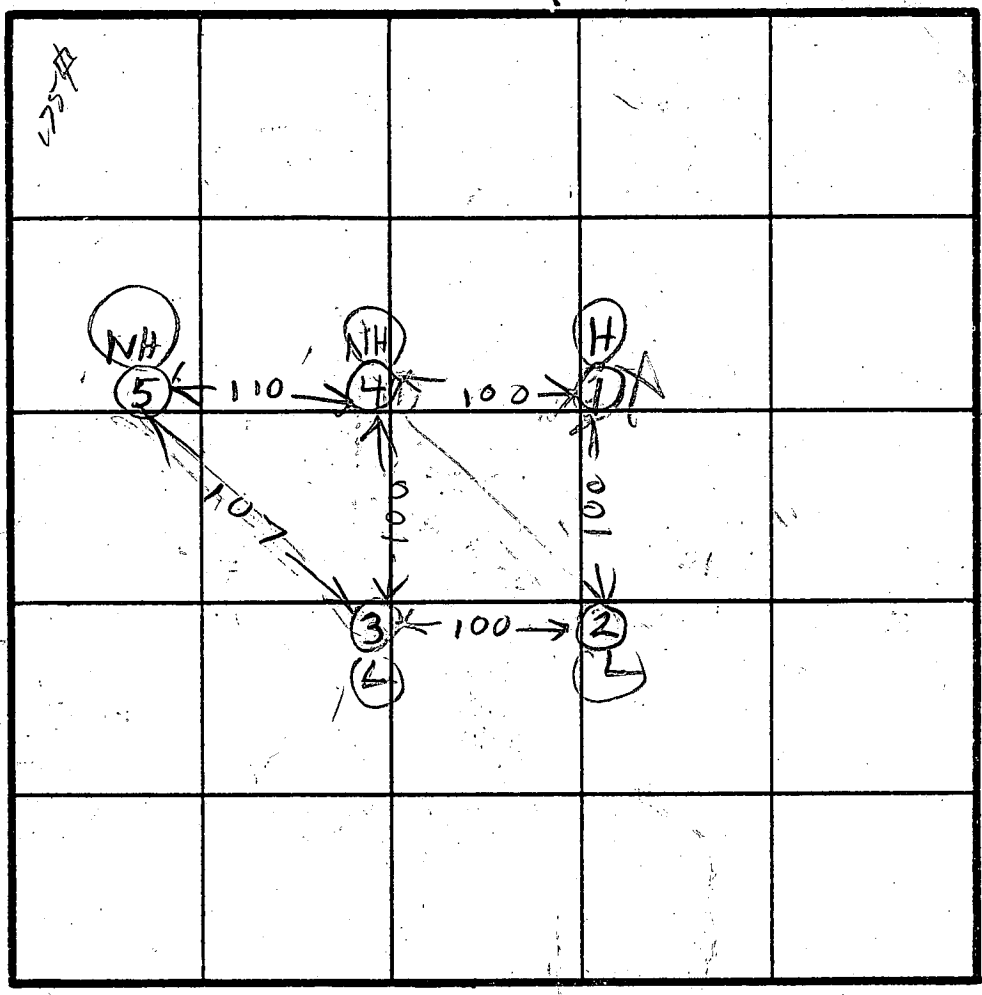
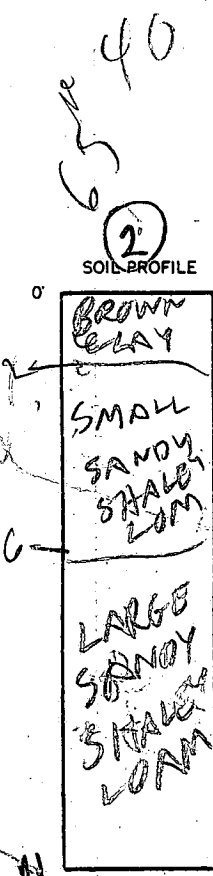
APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

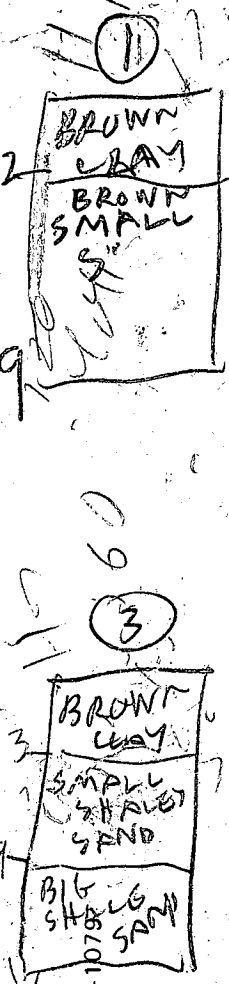
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/20/58	1S (1B)	4 8	251 255	258 1st inch	258 65	314 2nd inch	16 88 sec	
	1D (refill)	8	300	3rd inch			110 sec	
	2S (2B)	4 8	305	313 1st inch	313 60	322 2nd inch	9 140 sec	
	2D	8	306	3rd inch			330 sec	
	3S (3B)	4 9	326 328	348 1st inch	348 48	405 2nd inch	17 120	
	3D	9	334	3rd inch			250 sec	
	4 (redig)	9	355	1st inch	40	2nd inch	72 sec	
			358	3rd inch	85	4th inch	96 sec	
	2V	11	LOOKS OK					
	1V	9	LOOKS TOO FAST					

use 2, 3, 4, 5
tile field

REMARKS *ANOTHER POT HOLE DUG 4 FT AWAY SUSPECT 1ST POT HOLE NOT DUG QUITE A FOOT DEEP

TYPE OF SOIL

TESTED BY R HODGES

BACKHOE W HOPKINS & SON
ALSO PRESENT

Residue of Group
LAND INC.
L. 869 F. 650 56,5063
AC
OLD FREDERICK RD.
HOWARD COUNTY MD.

OWNER: DAVID E. HOPKINS
1402 Carroll Ct.
Woodbine, MD. 21797
795-9612

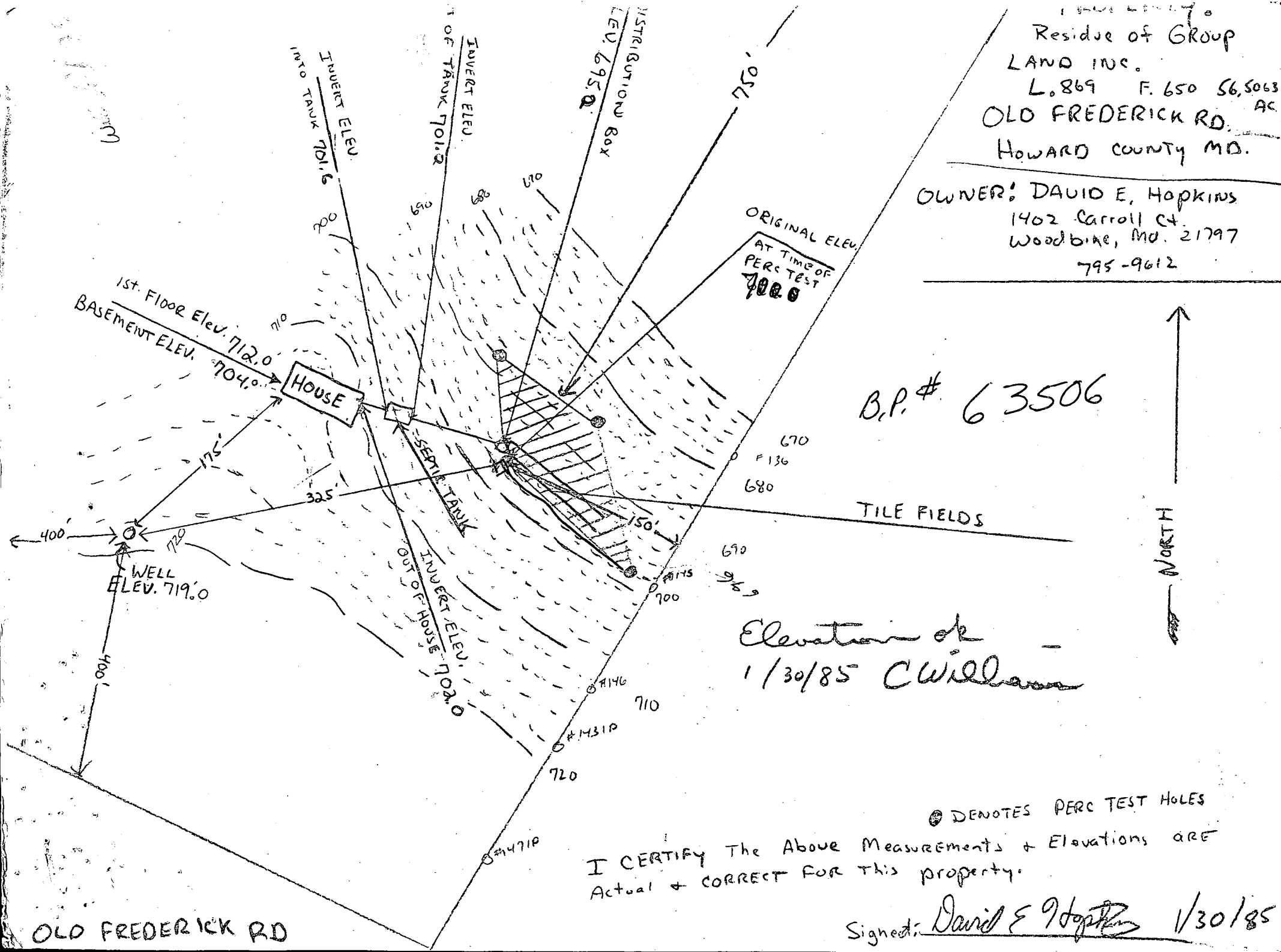
B.P. # 63506

Elevation of
1/30/85 C Williams

⊙ DENOTES PERC TEST HOLES

I CERTIFY The Above Measurements + Elevations are
Actual + CORRECT FOR THIS PROPERTY.

Signed: *David E Hopkins* 1/30/85



OLD FREDERICK RD

B 1 9516 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

OEP PERMIT NUMBER
HO-81-0861
fill in this form completely

OWNER INFORMATION
Date Received 012385
HOPKINS E DAVINO
OLD FREDERICK RD
MT AIRY MD 21171

LOCATION OF WELL
HOWARD
PAYNE TRACK PARCEL B
SECTION 44 46 LOT 48 50
POPLAR SPRINGS
MILES FROM TOWN 3 MI

DRILLER INFORMATION
Ralph MAYWE
Ralph MAYWE (well Drilling)
9120 Brown Church Rd. Mt Airy
Ralph Maywe 1/23/85

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD
OLD FREDERICK RD.
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 2050 FT
ENTER FT or MI

WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD A 34575
COUNTY NAME COUNTY NO.
OEP SIGNATURE STATE HEALTH INSERT S
DATE ISSUED 013085
CO SIGNATURE EXP. DATE
NORTH GRID 556000 EAST GRID 0764000

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)

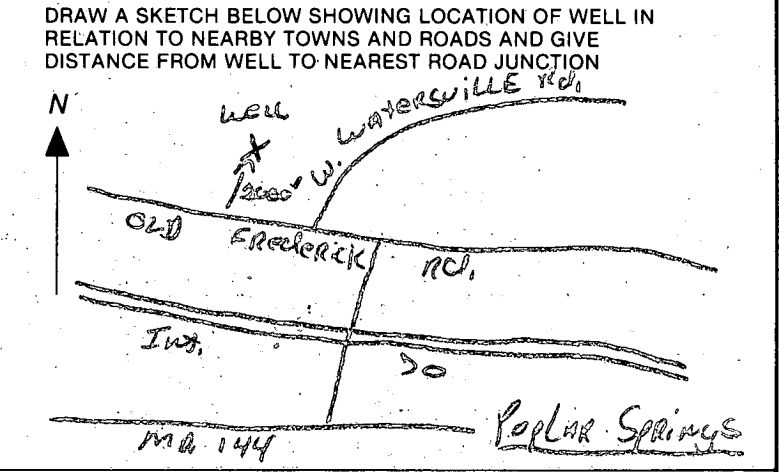
APPROXIMATE DEPTH OF WELL 150 FEET

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
GROUT NOT OBSERVED - PERFORMED ON HOLIDAY.
SOURCES OF DRILLING WATER
1. well
2.
3.
WELL LOCATION CHANGED BUT OK PER PH. CONV. W/ DRILLER 2/15/85 CW
WRITE THE BOX NUMBER FROM THE MAP HERE
760
550

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
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 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)
APPROP. PERMIT NUMBER GAP
FORCE CW WRITE INITIALS IN BOX PERMIT NO. HO-81-0861

SPECIAL CONDITIONS

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0861
 Location of property (road) Old Frederick Rd.
 Subdivision Payne Tract Parcel B Lot _____ Block _____ Plat _____ Sec. _____
 Well Driller Ralph Mayne Owner David E. Hopkins

Depth of well 400
 Distance of measuring point (M.P.) above ground 2^{ft.}
 Static water level (S.W.L.) below M.P. 50^{ft.}

I. High rate pumping -- reservoir drawdown

Time pump started 7:00 AM Pumping rate 9 GPM
 Total time 30 min to reach pumping water level 200 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:30	200 Ft	60 Sec	/	1 GPM
7:45	200 Ft	60 Sec		1 GPM
8:00	200 Ft	60 Sec		1 GPM
8:15	200 Ft	60 Sec		1 GPM
8:30	200 Ft	60 Sec		1 GPM
8:45	200 Ft	60 Sec		1 GPM
9:00	200 Ft	60 Sec		1 GPM
9:15	200 Ft	60 Sec		1 GPM
9:30	200 Ft	60 Sec		1 GPM
9:45	200 Ft	60 Sec		1 GPM
10:00	200 Ft	60 Sec		1 GPM
10:15	200 Ft	60 Sec		1 GPM
10:30	200 Ft	60 Sec		1 GPM
10:45	200 Ft	60 Sec		1 GPM
11:00	200 Ft	60 Sec		1 GPM
11:15	200 Ft	60 Sec		1 GPM
11:30	200 Ft	60 Sec	1 GPM	
11:45	200 Ft	60 Sec	1 GPM	
12:00	200 Ft	60 Sec	1 GPM	
12:15	200 Ft	60 Sec	1 GPM	
12:30	200 Ft	60 Sec	1 GPM	
12:45	200 Ft	60 Sec	1 GPM	
1:00	200 Ft	60 Sec	1 GPM	
1:15	200 Ft	60 Sec	1 GPM	
1:30	200 Ft	60 Sec	1 GPM	

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL
DRILLER:

My well driller is not to install the pump for my water well, and I
hereby certify that it will be my responsibility to have a Pump Permit
taken out by a registered master plumber or certified pump installer.
It will be my responsibility to notify the Health Department before
and during the installation so that inspections can be made by their
representative. (Pursuant to Chapter XVII, of the Plumbing Code of
Howard County.)

David E Hopkins
(Name)

1402 Carroll Ct
(Address) WOODRINE MD.
21797

HD-81-0861
(OEP Well Permit Number)

1/23/85
(Date)