

7/27/93 6576

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49466

A 31415

DISTRICT 4th

DATE 7/31/93

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~ADDRESS~~ 313-2640

04-341899

INDEXED

DATE SYSTEM APPROVED 8/4/93

INSPECTOR CW

C. S. Zabel, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 14079 Brighton Dam Road, clarksville, Maryland PHONE ~~854-2006~~ 875-2964

SUBDIVISION Hoods Mill Farms LOT Parcel D ROAD 780 Hoods Mill Road

PROPERTY OWNER James W. Woods

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

TRENCHES - Trench to be 3 feet wide. Inlet $1\frac{1}{2}$ feet below original grade. Bottom maximum depth 3 feet below original grade. Effective area begins at $1\frac{1}{2}$ feet below original grade. $1\frac{1}{2}$ feet of stone below distribution pipe.

PLANS APPROVED BY _____ DATE _____

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

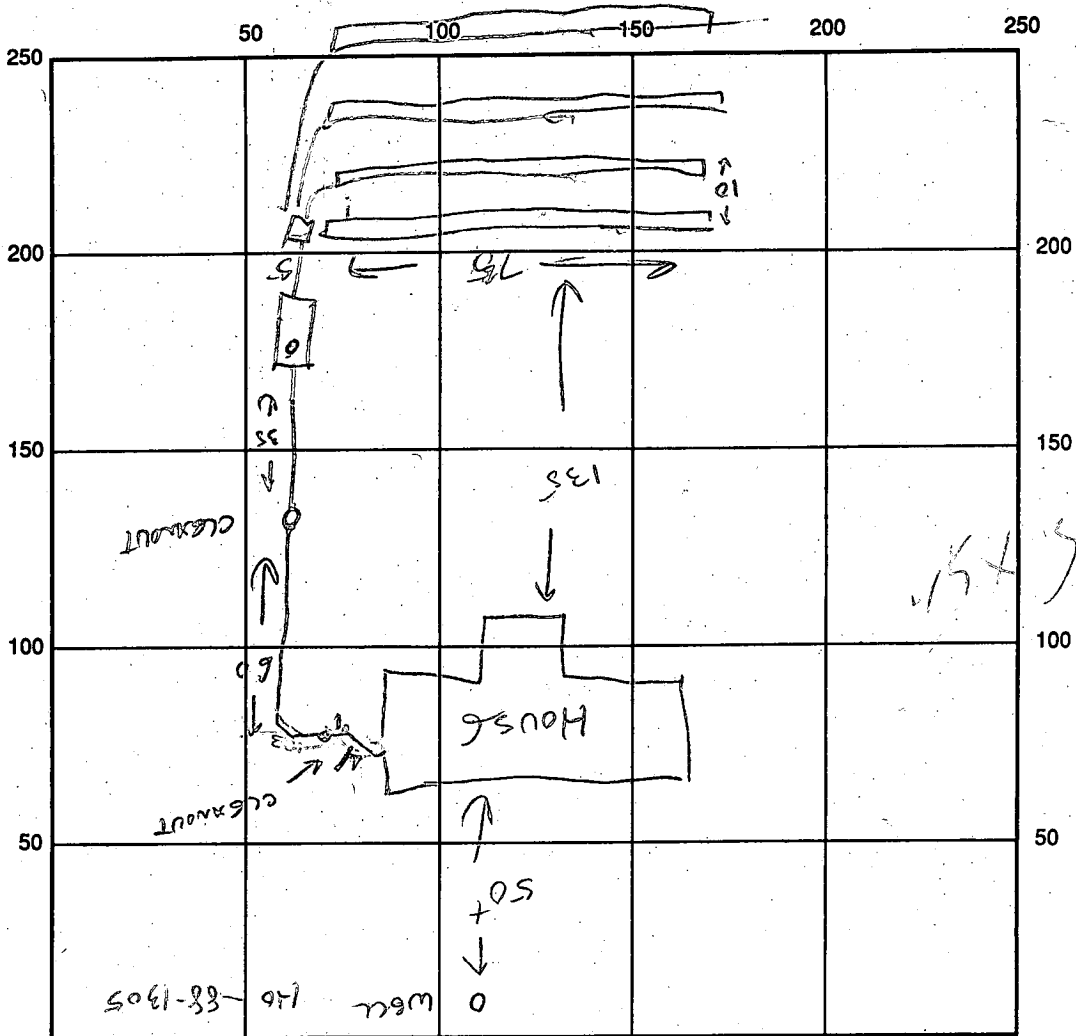
PERMIT VOID AFTER TWO YEARS

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 3/4/15



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 ✓ CLEANOUTS 2 IN LINE ST ✓
 DISTRIBUTION BOX LEVEL ✓ 1 NEEDED ON SEPTIC TANK

DRAIN FIELD/TITLE DEPTH 3 FT. TRENCH WIDTH 3 FT. INLET DEPTH 1 1/2 FT.
 EFFECTIVE GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 300 FT.
 NUMBER OF TRENCHES 4 (2) 75' ONE-SIDEWALL/BOTTOM AREA 1200 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA — SQ. FT.

REMARKS: TRENCHES OK TO COVER,
BUILDER ADVISED TO HAVE CONTRACTOR NOTIFY HEALTH DEPT
1 - CLEANOUT NEEDED TO SEPTIC TANK } CORRECTED
2 - BED NEAR HOUSE TOO NEAR - CHANGE } 8/4/93 CW
OWNER PREVIOUSLY NOTIFIED
1 - CHANGE PLAN - NOW SEPTIC AREA REQ'D. 7/28/93 CW

DATE SYSTEM APPROVED 8/4/93 INSPECTOR CW

WRT - PA, 3 1/2' BELOW GRADE OK TO COVER CHAS SMALL PLUMBER NO PERMIT - BLDG NOTIFIED 7/28/93 CW

7/23/93

APPLICATION

PERCOLATION TESTING

1ST DRAINAGE ON
RIGHT - ACROSS HOOPS
THEN GRAVEL

A 49478

P _____

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

DISTRICT _____

DATE 7/22/93

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 Jim Woods

ADDRESS 780 Hoods mill Rd PHONE 410-442-2150

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Hoods mill Farm, Inc LOT NO. Parcel "D"

ROAD AND DESCRIPTION Rt 97 (Hoods mill Rd)

TAX MAP 8 PARCEL # 123

SIZE OF LOT 27+ acres TYPE BLDG. Single Residence
(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.

Jim Woods
(SIGNATURE OF APPLICANT)

APPROVED BY C. Waller FOR VERY SHALLOW TRENCHES DATE 7/22/93

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS OWNER TO PROVIDE PLAT AFTER SYSTEM IS INSTALLED (IN PROGRESS)

REASONS FOR REJECTION OR HOLDING _____ 7/22/93 (CW)

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

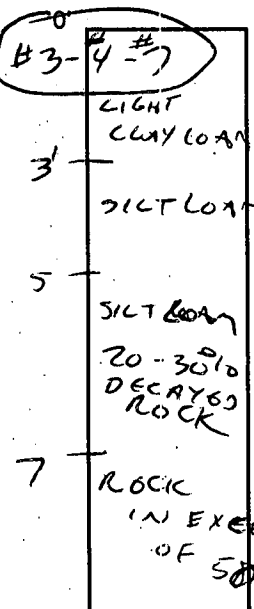
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A49478

COUNTY #

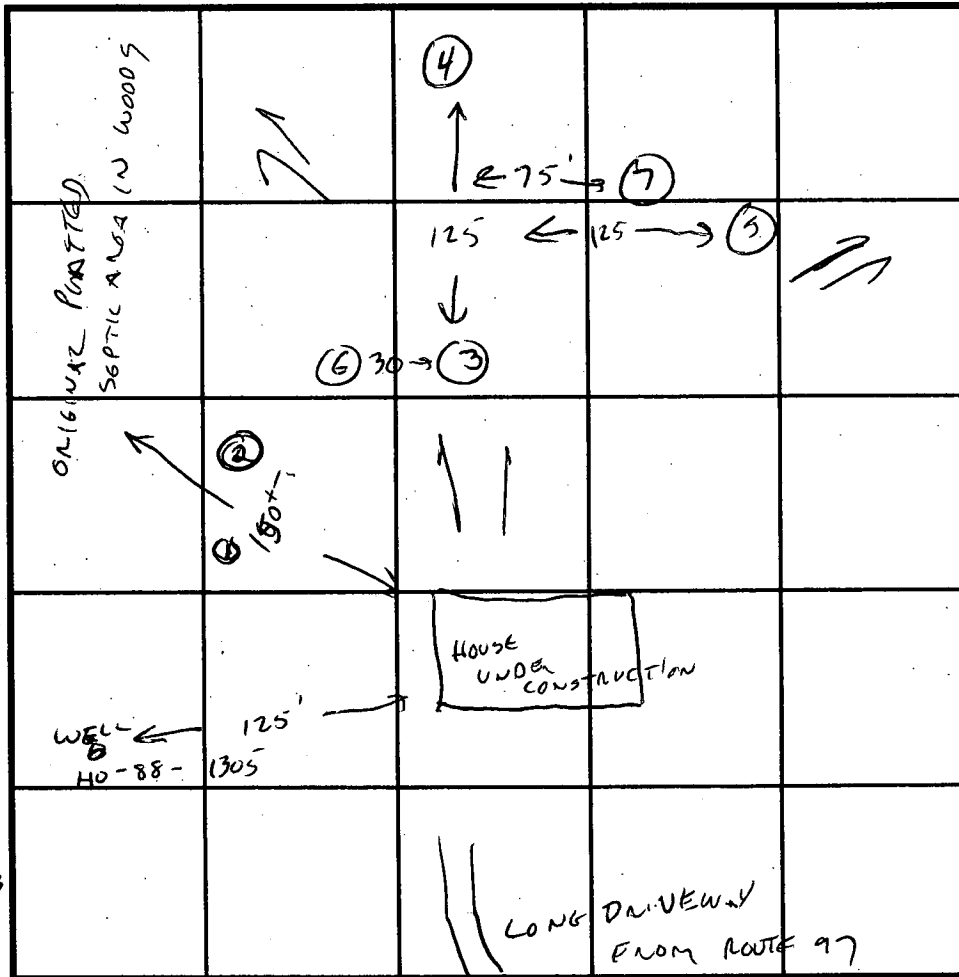
SOIL PROFILE



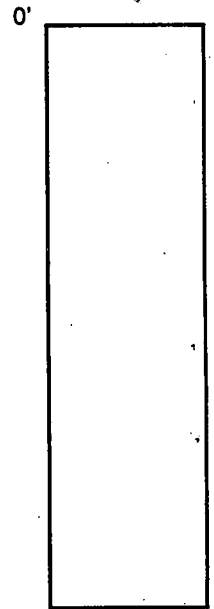
#1+2
 FAILED
 ROCK 7-21-93
 SEE
 VOID
 SEPTIC
 PERMIT
 SHEET

#5
 70%
 Rock
 AT 3'
 3

#6
 50%
 Rock
 AT
 5



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/21/93	1	FAILED EXCESS ROCK					SEPTIC PERMIT
7/21/93	2			(RHODOD)	SEE OTHER SHEET		FOR DETAIL
7/23/93	6	50% ROCK	AT 5'	FAIL			
	3	2 1/2'	7:38	7:44	7:44	8:01	16 MIN
		5'	20%	SANDSTONE/SILT			
		7'	50%	ROCK			
		9'	NO	BOTTOM			
	4	SIMILAR	TO #3				(OK)
	5	3'	70% ROCK	FAIL			- FAIL -
	7	OK	2-7'	THEN EXCESS ROCK			(OK)

REMARKS SOILS MARGINALLY OK FOR CONVENTIONAL SHALLOW SYSTEM
 TYPE OF SOIL TOPOGRAPHY MORE CONSISTENT FOR REASONABLE TRENCH INSTALLATION
THAN ORIGINALLY PLATTED EASEMENT IN WOODS.
 TESTED BY CWILLIAMS ALSO PRESENT ZABEL, WOODS
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 15 MIN TRENCH WIDTH 3
 INLET DEPTH 12" MAXIMUM BOTTOM DEPTH 30" SQ. FT./BEDROOM 180

free

6/11/81
9:30 A.M.

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 31415

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE 6-8-81

OWNG - Ellected
TO GO WITH
NEW SEWER
LOCATION
SEE 449478

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 HOODS MILL FARMS ~~THE~~ JAMES Woods.

ADDRESS 12979 Rt 108 Highland Md 20727 PHONE 286 2608

PROPERTY LOCATION: 1/4 mi north of I-70 on west side of Rt 97

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 780 Hoods Mill Road

27.4 AC

SIZE OF LOT 25 AC TYPE BLDG. 3 or 4
(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. Wm Z Swann
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

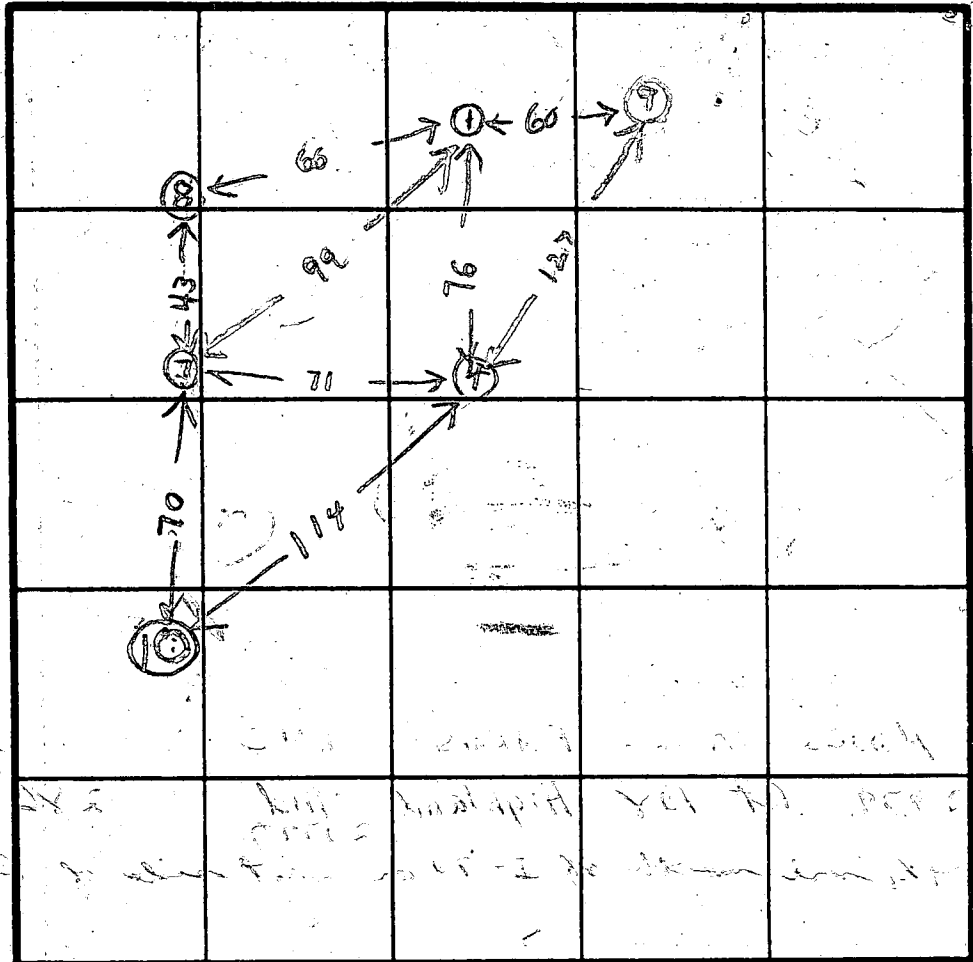
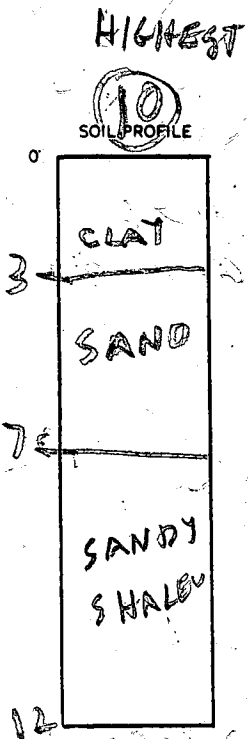
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5/17/90 - SPEC REVISED & UPDATED

BLDG. PERMIT SIGNED
AND RETURNED 4/22/90
Serial # 42/30 - STD
5 Bedroom

THIS IS NOT A PERMIT



X=6
180° BR
Inlet 3'
Bottom 5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/11/81	7V	12	TOP 3 FT CLAY	10	9 FT SANDY	DRY	
	7S	4	218	221	221	228	7
	7D	8	218	221	221	225	4
	8V	10	TOP 4 FT CLAY	10	6 FT SANDY	MOUC BOTTOM	
	8S	3	325	346	LITTLE PERC FEEL		
	8D	7	325	334	334	346	12
	9V	12 1/2	TOP 3 FT CLAY	30	9 1/2 FT SAND	DRY	
6/15/81	8V	4 1/2	1028	1030	1030	1035	5
7/17/81	10V	12	TOP 3 FT CLAY		MID 4 FT SAND		
			BOT 5 FT SANDY SHALEY				

REMARKS 6/15/81 - Told W Swan Certificate Plat needed R/H

TYPE OF SOIL _____

TESTED BY R HODGES 6/11 & 6/15

ALSO PRESENT OKLETTEMAN
W SWAN 6/15

EH-12-1079

Free
6/15/81
9:30 A.M.

APPLICATION

93
93
196
31415

SEWAGE DISPOSAL TESTING
STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL-HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th
DATE 6-8-81

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 HOODS MILL FARMS INC

ADDRESS 12979 Rt 108 Highland Md 20777 PHONE 286 2608

PROPERTY LOCATION: 1/4 mi north of I-70 on west side of Rt 97

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

SIZE OF LOT 2.714 AC TYPE BLDG. 3 or 4
(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. Wm Z Swann
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

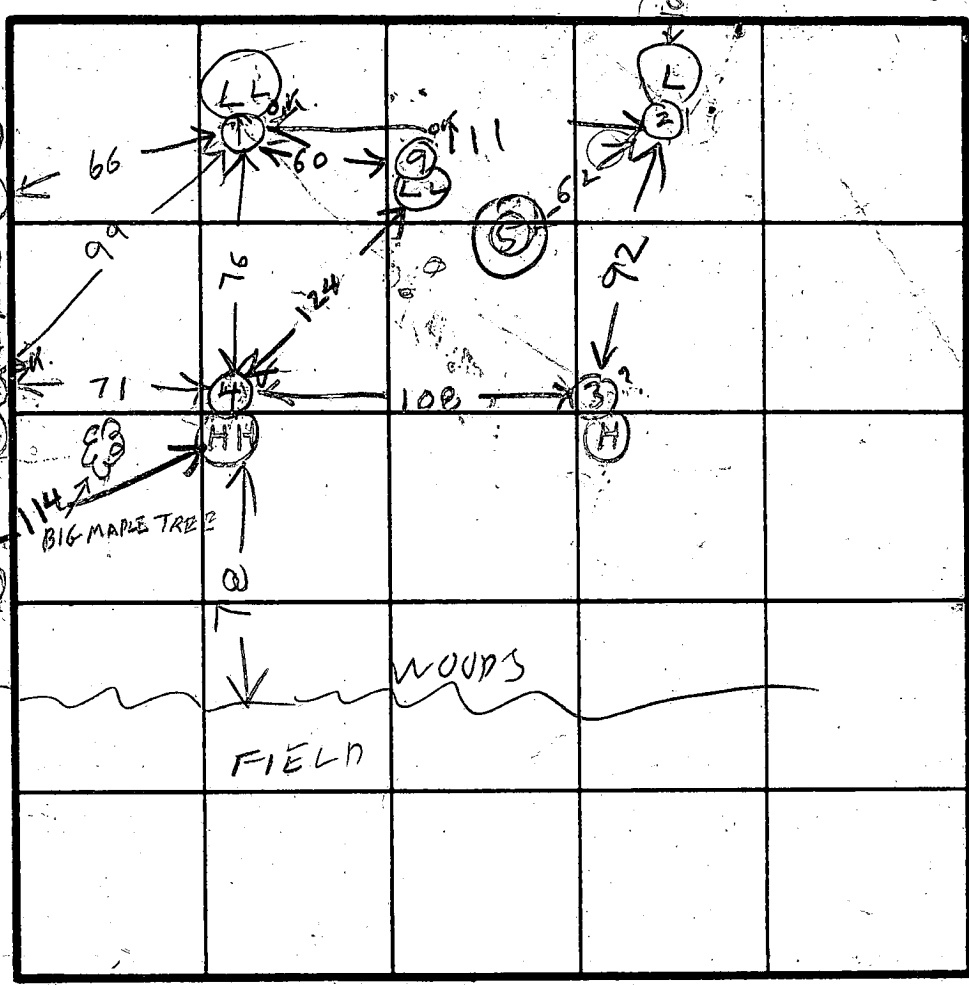
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6/11/81 - HELD FOR REVIEW WITH FS (ROCK)
6/12/81 - F.S. SAID DIG MORE DIG SHELF ON HOLE (B) TO 4FT
6 TEST 6/15/81 PERC OK SHELF ON HOLE (B) IS OK - CERTIFIED
HOLES NEEDED R/H

THIS IS NOT A PERMIT

2839
 181 76B1
 182 111
 483 108



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

93
 30
 21

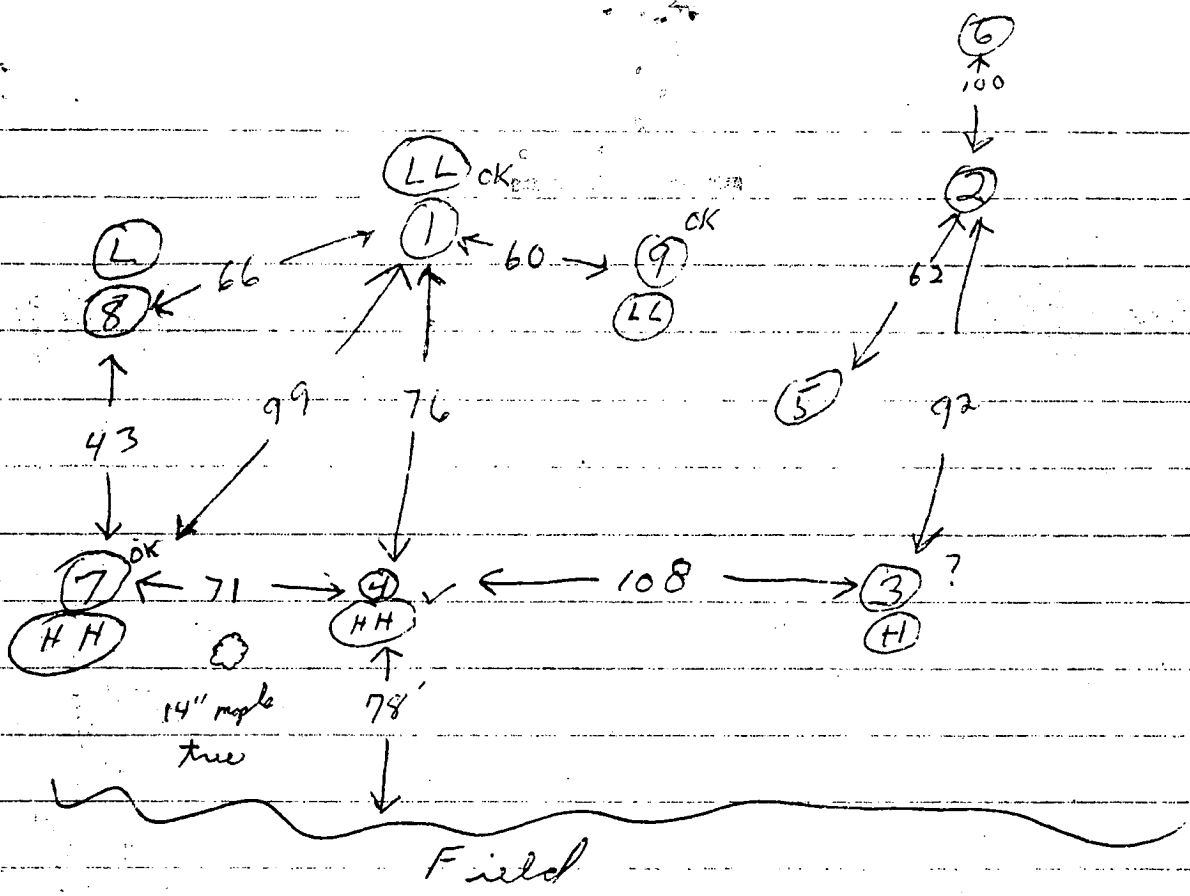
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	HOLE ELEVATION
			START	STOP	START	STOP		
6/11/81	1S	4	1021	1026	1026	1031	5	LOWE
6/11/81	1D	7	1022	1028	1028	1033	5	
ALL SAND	2S	4	1048	1049	1049	1050	1	LOW
	2D	8	1048	1049	1049	1050	1	
TOP 2 FT CLAY BOT 6 FT SANDY SMALL ROCKS	3S	4	1058	1100	1100	1100	7	HIGH
	3D	8	1058	1102	1102	1113	11	
	IV	14	TOP 3 FT CLAY BOT 11 FT SANDY & DRY					
	4S	4	1129	1131	1131	1134	3	HIGHEST
6/11/81	4D	8	1131	1134	1134	1144	10	
	4V	9 1/2	TOP 3 FT CLAY BOT 1/2 SAND & ROCK ROCK BOTTOM					
	5V	6	ROCK BOTTOM		TOP 2 FT CLAY			
REMARKS	6V	5	ROCK BOTTOM		BOT WET SANDY			LOWEST
TYPE OF SOIL	2V	9 1/2	ROCK BOTTOM		SANDY DRY			

EH-12-1079

TESTED BY: R HODGES
 ALSO PRESENT: O. KETTERMAN
 W. SVN ARMY

25 AC

Date	Test NO.	Depth	Permit		Test 1" drop		Time	Notes
			Start	Stop	Start	Stop		
6-11-81	1 S	4	1021	1026	1026	1031	5	Low
	1 D	7	1022	1028	1028	1033	5	
	2 S	4	1044	1049	1049	1050	1	LOW
	2 D	8	1044	1049	1049	1050	1	
	3 S	4	1054	1100	1100	1100	7	HIGH
	3 D	8	1058	1102	1102	1113	11	
	1 V	14	TOP 3 FT. CLAY BOT 11 FT Sandy & dry					
	4 S	4	1129	1131	1131	1134	3	High
	4 D	8	1131	1134	1134	1144	10	
	4 V	9 1/2	TOP 3 FT CLAY ROCK BOTTOM		BOT 5 1/2 Sand & Rock			
	5 V	6	ROCK	BOT	TOP 2 FT clay BOT 4 FT Sandy			
	6 V	5	Rock bottom					Lowest
	2 V	9 1/2	Rock	Sandy Bot DRY				
	7 V	12	TOP 3 FT clayish Bot 9 ft Sandy dry					
Ray/Walsh	7 S	4	218	221	221	228	7	
	7 D	8	218	221	221	225	4	
	8 V	10	TOP 4 FT clayish Bot 6 ft sandy rock bottom					
	8 S	3	325	346	Little pink - fail			
	8 D	7	325	334	334	346	12	
	9 V	12 1/2	TOP 3 FT clay Bot 9 1/2 ft sand dry					
6-15-81	8 M	4 1/2	10 28	1030	1030	1035	5	



B 1 **3603** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 APPLICATION FOR PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-88-1305
 fill in this form completely

OWNER INFORMATION
 Date Received (APA) **030790**
 Woods, Samuel
 7349 SPRINGFIELD AVE
 SUKESVILLE MD 21784

LOCATION OF WELL
 HOODLAND
 WOODS PROPERTY
 HOODS MILL
 1 MI

DRILLER INFORMATION
 George F. Easterday
 L. Franklin Easterday, Inc.
 9265 Brown Church Rd., MT. Airy, Md. 21771
 3/3/90

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 TOWN
 NEAR WHAT ROAD: WOODS MILL RD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): WEST
 DISTANCE FROM ROAD: 2000 FT

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
 A31415
 COUNTY NAME: Howard COUNTY NO.:
 STATE SIGNATURE: Mark E. Kiffin DATE ISSUED: 11/1/90
 NORTH GRID: 551000 EAST GRID: 0794000

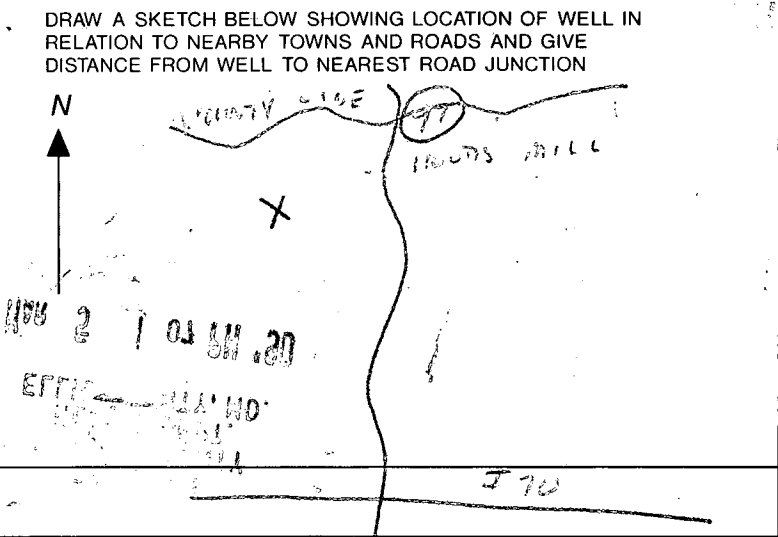
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL: 200 FEET
 APPROXIMATE DIAMETER OF WELL: 6 INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER: well
 WRITE THE BOX NUMBER FROM THE MAP HERE:
 E 7124
 N 5521

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)
 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)
 APPROX. PERMIT NUMBER: G A P
 FORCE MIA WRITE INITIALS IN BOX PERMIT No. HO-88-1305
 SPECIAL CONDITIONS: ph = 781-4727

3/14/90

- ① 29 FT casing
- ② 26 FT open hole
- ③ Location OK
- ④ 11 BAGS
- ⑤ well OK

B J Hooper

RECEIVED
HOWARD COUNTY
HEALTH DEPT
APR 7 8 58 AM '90
DIVISION OF
ENVIRONMENTAL
HEALTH

1546 SEQUENCE NO. (DENV USE ONLY)
 (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 151415

ST/CO USE ONLY
 DATE Received

DATE WELL COMPLETED
05/14/90

Depth of Well
340
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
HO-88-1305

OWNER Wood last name Miller first name
 STREET OR RFD WOOD PROP TOWN WINDY HILL
 SUBDIVISION WOOD PROP SECTION 11 LOT 11

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	
Topsoil	0	2	
Br. mica schist	2	15	
Tan mica schist	15	22	
Gray mica schist	22	36	
Tan mica schist	36	78	
Gray mica schist	78	125	
Tan mica schist	125	130	
Gray mica schist	130	155	
Fracture	155	156	✓
Gray mica schist	156	270	
Gray mica schist with air	270	340	✓

GROUTING RECORD
 WELL HAS BEEN GROUTED YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS 11 NO. OF POUNDS 11
 GALLONS OF WATER 55
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 260 ft.

CASING RECORD
 casing types insert appropriate code below
 ST CO PL OT
 STEEL CONCRETE PLASTIC OTHER
 MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
 ST 6 29

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

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

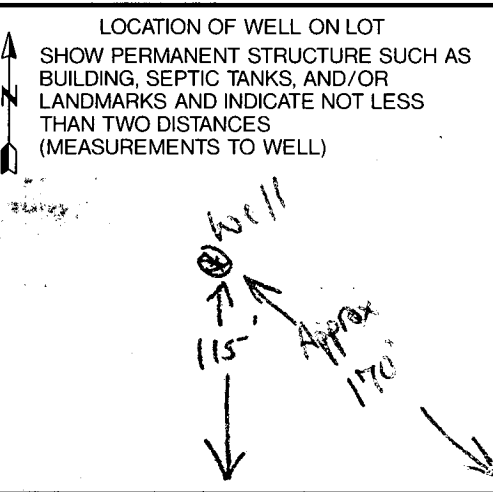
DEPTH (nearest ft.)
 H O 27 340
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

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

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 10
 METHOD USED TO MEASURE PUMPING RATE
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 109
 WHEN PUMPING 172
 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
 - below
 LAND SURFACE (nearest foot)



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

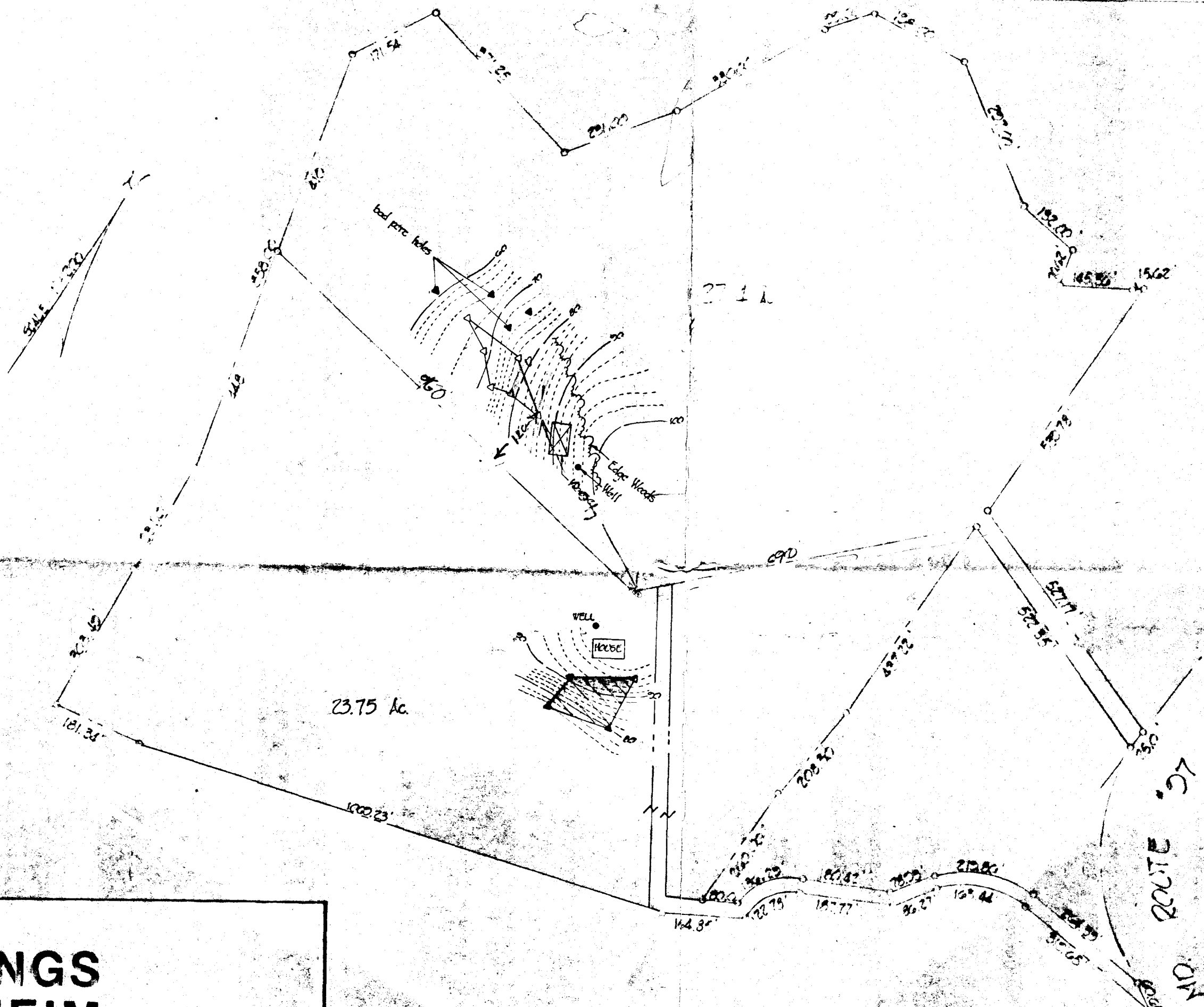
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 4
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

COUNTY

960' Lot line

690' Lot line



1. This area designates a private sewage easement of 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachment into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.
2. Percolation tests have been field located as shown.
3. The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.
4. Percolation areas and water wells for adjoining lots will be shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems.

Joyce M. Poythress
 County Health Officer

Date

Chas. H. ...
 1981

DEED PLOT FOR
 PERC. CERTIFICATION
 TAX MAP 8 PARCEL 204
 PART OF
HOODS MILL FARM INC.
 FOURTH ELECTION DISTRICT, HOWARD COUNTY



**TYDINGS
HEIM**
 ASSOCIATES INC.
 CONSULTING ENGINEERS · LAND & CONSTRUCTION SURVEYORS
 8370 COURT AVENUE, ELLICOTT CITY, MD. 21043 465-0660