

APPLICATION

Rec'd - 3/29/88 - 15:15 PM

PERCOLATION TESTING

A 42005

P _____

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

Check is in 3651

DISTRICT 5TH

DATE 3-29-88

*THIS PERC
MOSTLY UNUSED ON
CARVEL PROP F-97-169*

TO: THE COUNTY HEALTH OFFICER
ELLCOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Peter Horowitz

ADDRESS 7100 Pindell School Rd, Fulton Md 20759 PHONE 301-725-8445

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION: Oak Rise Lot-2 New Lot-8, sketch

SUBDIVISION Horowitz Property F-91-71 LOT NO 9

ROAD AND DESCRIPTION West of Pindell School Rd, South of Loganberry Lane

TAX MAP 41 PARCEL # 204

SIZE OF LOT 3.0 A± 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.

C. West Sandberger
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10-4-88 May be able to use area uphill to obtain 10,000 sq ft area. Needs further testing. Contractor objected to failed soils JEN.
12-13-88 two new holes required uphill. Saw - 3 new Hole Lot 9. SAH

HD-216

THIS IS NOT A PERMIT

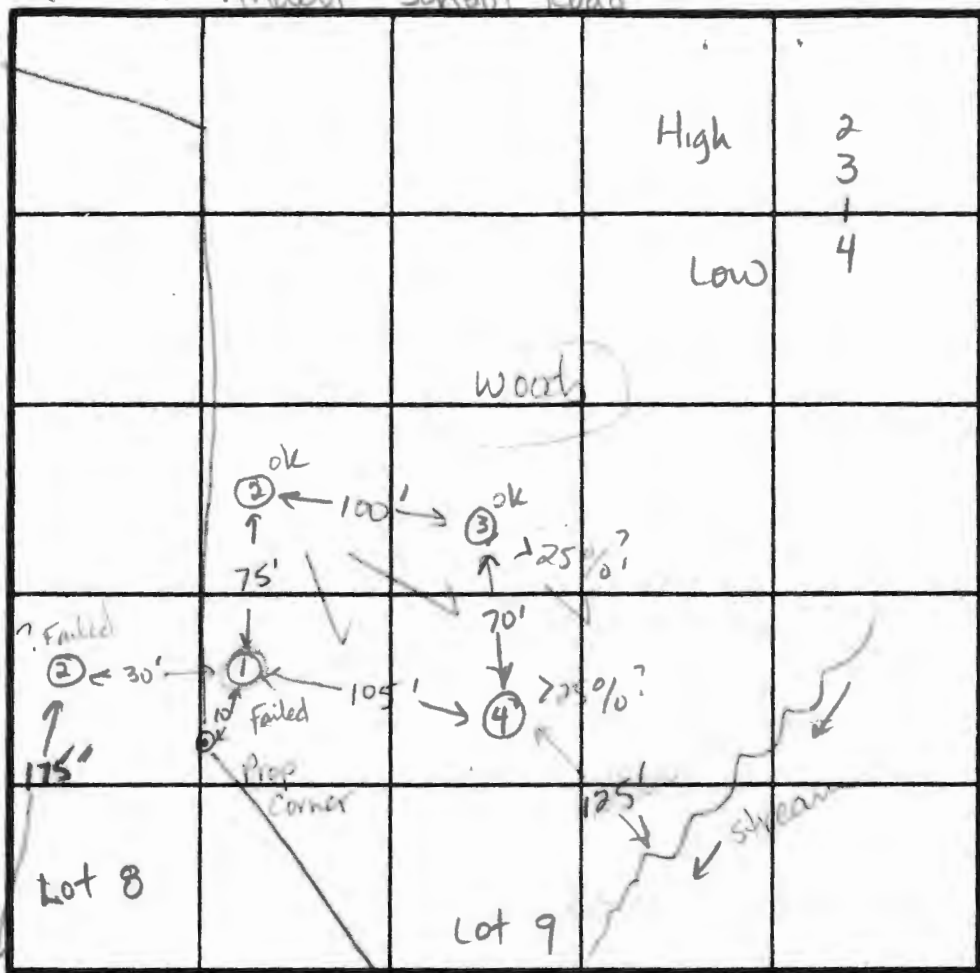
A 42005
Lot 9

← To Pundell School Road

④
0-5.0 Br mica
sil m
5-11.0 Black
mica sa
sil m,
45%
broken rx
11.0 Refusal

①
SOIL PROFILE

0-3.0 Rd br
sil m,
trc saprolite
3.0-11.0 Tan white
sa sil m,
some
broken
rock,
48%
Refusal
11.0 Refusal



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-4-88	1	11.0 ✓	(Refusal at 11.0 ft)				Failed
	2	7.5 S	12:29:24	12:30:35	12:30:35	12:32:45	2 min
		10.0 M	12:05:57	12:08:41	12:08:41	12:13:15	4 min
		13.0 D	Bottom (see profile)				ok
	3	5.5 S	12:51:52	12:52:25	12:52:25	12:53:18	1 min
		9.5 M	12:41:12	12:41:09	12:41:09	12:42:45	1 min 35 sec
	4	9.5 M	12:43:37	12:45:01	12:45:01	12:47:10	2 min
		12.0 D	Bottom (see profile)				ok
		4.5 S	1:09:16	1:09:40	1:09:40	1:10:14	< 1 min
		8.5 M	12:59:03	12:59:19	12:59:19	12:59:50	< 1 min
		11.0 D	Bottom (some rock)		Refusal	? bottom	ok

REMARKS May have > 25% slopes, rocky at low end of slope, 125' to ^{flowing} stream

TYPE OF SOIL 0-4 Rd br sil m 40% saprolite 4-13 Tan-red mica sa sil m, 30% rock

TESTED BY JE Nadeau ALSO PRESENT Mr. Horowitz Claude ...

②
0-3.0 Brown sil
cl m, <10%
mica
3.0-13.0 Br mica
sa sil m
<20%
broken
rock
13.0 Bottom

③
0-4.0 Rd br sil
cl m,
<10%
saprolite
10-13.0 Br to red
mica sa
sil m,
<30%
saprolite
13.0 Bottom

Exis. Pond

APPLICATION

PERCOLATION TESTING

A 42005

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. 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 Peter Horowitz

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION: Oak Rise Lot-2 New Lot-B, sketch

SUBDIVISION Horowitz Property LOT NO. 9

ROAD AND DESCRIPTION West of Pindell School Road

TAX MAP 41 PARCEL # 204

SIZE OF LOT 3.0 ± TYPE BLDG. SFD
(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 3-28-89 wet season retest ok. Holding for perc hole locations and subdivision plat approval. House & well site limited. SHALLOW SYSTEM ONLY. JEN

HD-216

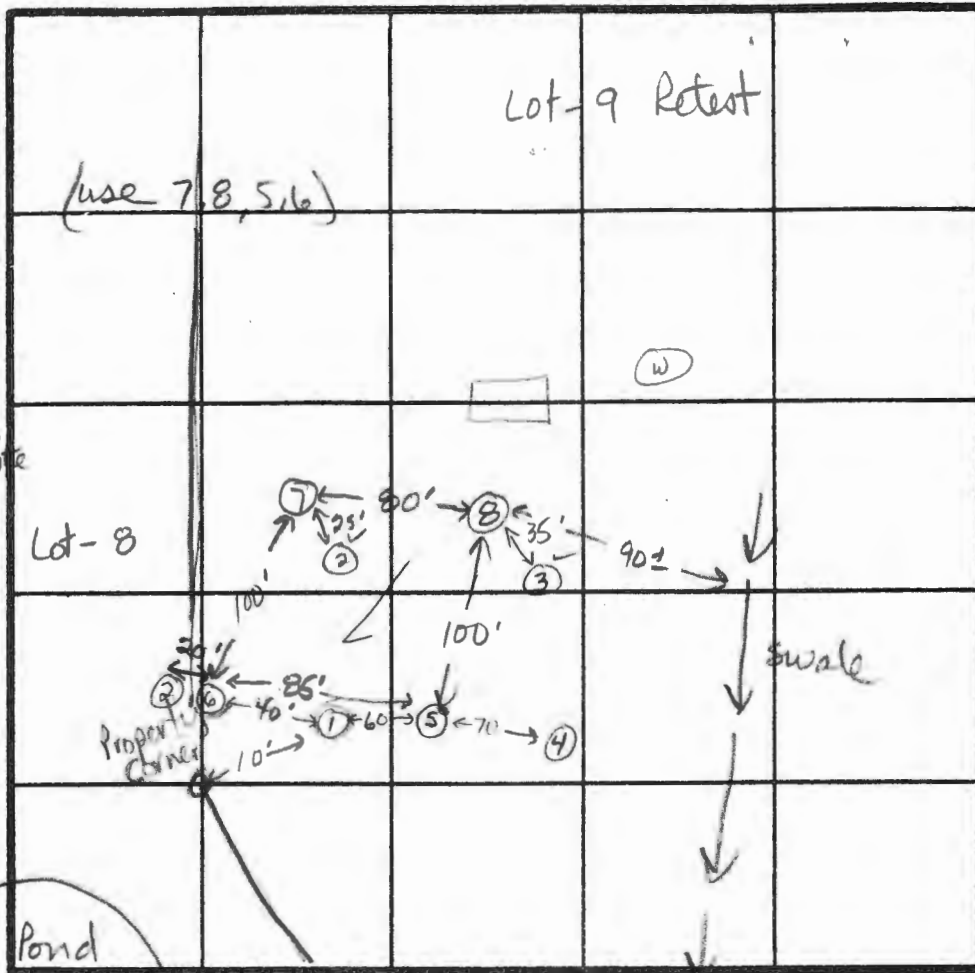
THIS IS NOT A PERMIT

A 42005

⑤ ⑧ ⑦
SOIL PROFILE

0-4.5 Rd-br si
cl lm
4.5-12.0 Dk br
micaceous
sa silm, saprolite
some
decomp
rock < 35%
Trace of
structure
12.0 Bottom

⑥
0-4.0 Dk-br sa
sil m
4-13.5 Dk-br mica
sa sil m
< 15%
decomp.
rock
structured
vx at 10.0 ft
13.5 Bottom



Highest 7
Low 6

SHALLOW

$\bar{x} = 4 \text{ min}$
Inlet = 3.5 ft
Bottom 5.0 ft.
100 sq ft / bdrm

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-28-09	5	4.5 S	10:11	10:12	10:12	10:15	2min
		7.5 M	10:12	10:13	10:13	10:14	1min
		12.0 D	Bottom (< 35% rx)		structured at 10.0 ft		
	6	5.0 S	10:16	10:17	10:17	10:18	1min
		8.5 M	10:10	10:14	10:14	10:18	4min
		13.5 D	Bottom (< 20% rx)		structured at 10.0 ft		
	8	4.0 S	10:23	10:34	10:34	10:54	20min
		8.5 M	10:21	10:22	10:22	10:24	2min
		10.5 D	Bottom (< 30% decomp rock)		slight structure at 8.5'		
	7	5.5 S	10:26	10:26	10:26	10:28	2min
		8.0 M	10:26	10:26	10:26	10:28	2min
		11.0 D	Clay to 3.5'		Refusal at 11.0' - < 20% rx		

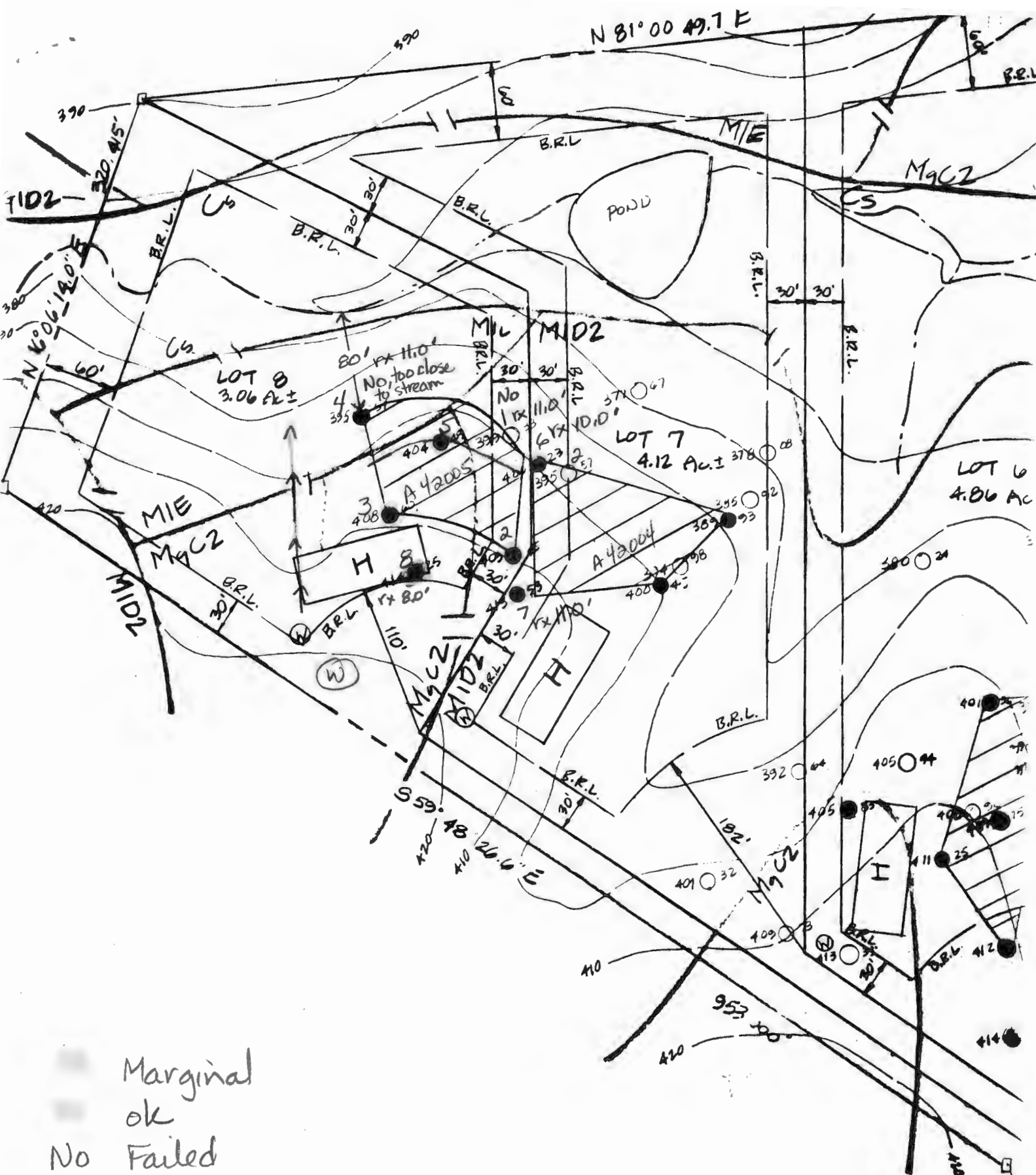
(OK to move toward # 3 & 4 20 ft)

REMARKS All holes not shown on plat. SHALLOW SYSTEM

TYPE OF SOIL 0-4 Br si cl lm, 4-13 Dk-br mica sa sil m < 35% rx

TESTED BY Jane Nadeau

ALSO PRESENT Matt H
Claude Caswell



Marginal
 ok
 No Failed

ID: FOR PRIVATE WATER

APPLICATION

PERCOLATION TESTING

A 42004

P _____

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

in file

DISTRICT 5TH

DATE 3-29-88

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 Peter Horowitz

ADDRESS 7100 Pindell School Rd, Fulton, Md 20759 PHONE 301-725-8445

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION: Oak Rise Lot-1 New Lot-7 Sketch

SUBDIVISION Horowitz Property F-91-91 LOT NO 8

ROAD AND DESCRIPTION West of Pindell School Rd; South of Loganberry Lane

**BLDG. PERMIT SIGNED
AND RETURNED 4-13-88
Serial # 810107771**

TAX MAP 41 PARCEL # 204

SIZE OF LOT 4.0 Ac ± 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.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10-4-88 Rocky soils perced rapidly. Recommend rejection due to rocky soils. Contractor objected to some failed soils. JEN
12-13-88 full report. Saw Reopen 2-4 and 1 new hole.

HD-216

THIS IS NOT A PERMIT

A 42004
Lot 8

← To Pindell School Road

SOIL PROFILE

0-6.0 Rd br si
cl lm, some
mica, saprolite
< 40%

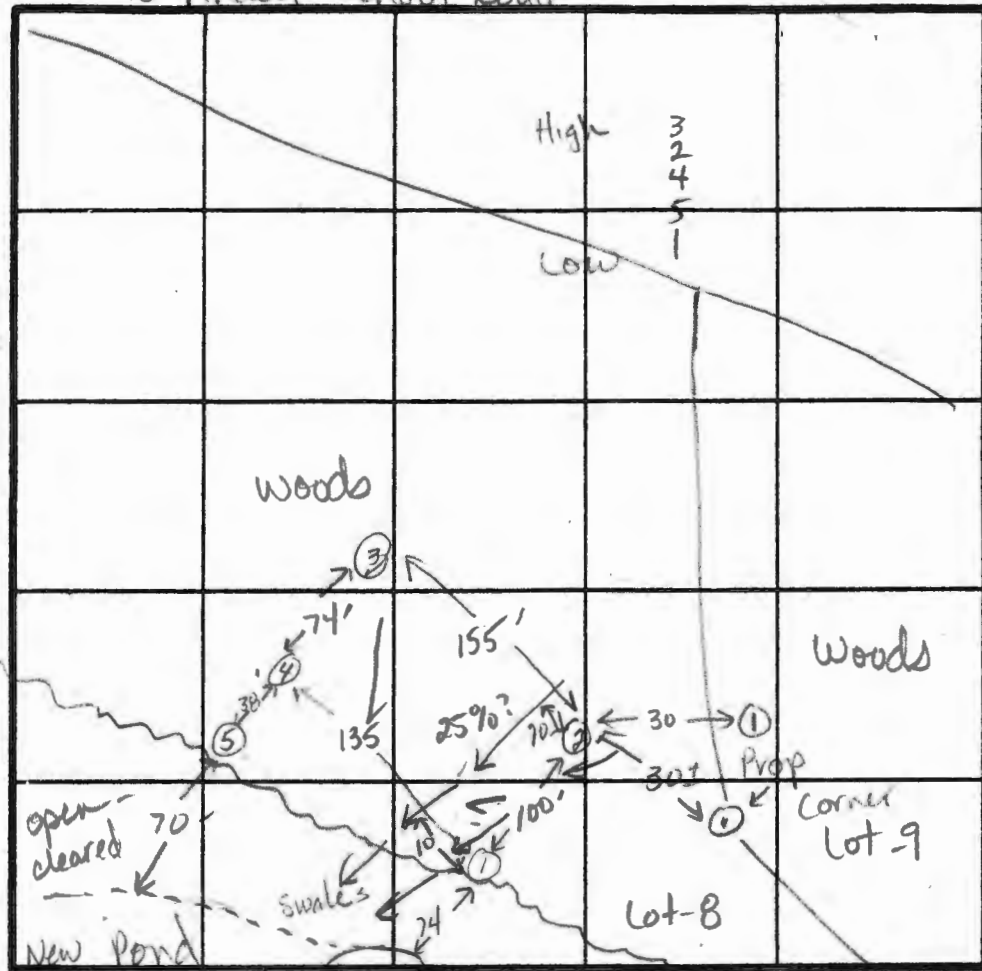
6.0-12.0 br mica
sa si lm
< 50%
broken
weathered
rock

12.0 Refusal

0-4.0 br si
cl lm

4-10.0 Gray-br
sa si
lm, some
broken
rock
< 70%

10.0 Refusal



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

0-3.5 br si cl lm

3.5-12.5 Tan mica
sa si lm,
< 10%
Saprolite

12.5 Bottom

0-4.0 br si cl lm

4.0-13.0 br sa si
lm, some
broken
rock, < 30%

13.0 Bottom

0-5.0 Rd-br si cl
lm

5.0-12.0 Rd mica sa
si lm, < 10%
saprolite,
< 20% broken
rock

12.0 Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10-4-88	x 1	12.0 V	(Refusal at 12.0 ft)				Failed	
	✓ 2	6.5 S 9.5 M	11:15:15 11:08	11:15:42 11:08	11:15:42 11:08	11:16:25 11:09	< 1 min 1 min	} May be old Good soil - Fast
		9.5 M 12.5 D	11:10:20 Bottom	11:11:12 (see profile)	11:11:12 (see profile)	11:12:12 (see profile)	1 min Failed	
	? 3	5.0 S 9.0 M	11:32:35 11:24:19	11:32:59 11:25:03	11:32:59 11:25:03	11:33:38 11:25:52	< 1 min < 1 min	} Fast Marginal
		9.0 M 13.0 D	11:26:23 Bottom	11:28:00 (see profile)	11:28:00 (see profile)	11:28:48 (see profile)	< 1 min Failed	
	? 4	5.5 S 9.5 M	11:50:16 11:36:56	11:50:59 11:37:24	11:50:59 11:37:24	11:52:11 11:38:30	1 min 1 min	} Marginal Fast
		9.5 M 12.0 D	11:39:34 Bottom	11:40:34 (see profile)	11:40:34 (see profile)	11:42:14 (see profile)	1 min 40 sec Failed	
	x 5	10.0 V	(Refusal at 10.0 ft)				Failed	
	Retest 3	5.0 S 8.5 M	4:11:30 4:05:52	4:12:05 4:06:42	4:12:05 4:06:42	4:12:38 collapsed	30 sec < 2 min	} Fast Marginal
	?						Failed	

REMARKS < 100 ft to existing & new ponds, close to 25% slope, soils are rocky sporadically

TYPE OF SOIL 0-5 Rd br sa si cl, 5-13 Rd-tan sa si lm, < 50% broken rock

TESTED BY JE Nadreau ALSO PRESENT Mr. Horowitz

Claude Cissell

APPLICATION

PERCOLATION TESTING

A 42004
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. 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 Peter Horowitz

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION: Oak Rise Lot-1 New lot-7, sketch

SUBDIVISION Horowitz Property LOT NO. 8

ROAD AND DESCRIPTION west of Andell School Road

TAX MAP 41 PARCEL # 204

SIZE OF LOT 4.0 ± TYPE BLDG. SFD
(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 wet season Retest 3-28-89 ok. Holding for perc hole locations and subdivision plat approval. Limited house & well site requiring lot line adjustments JEN

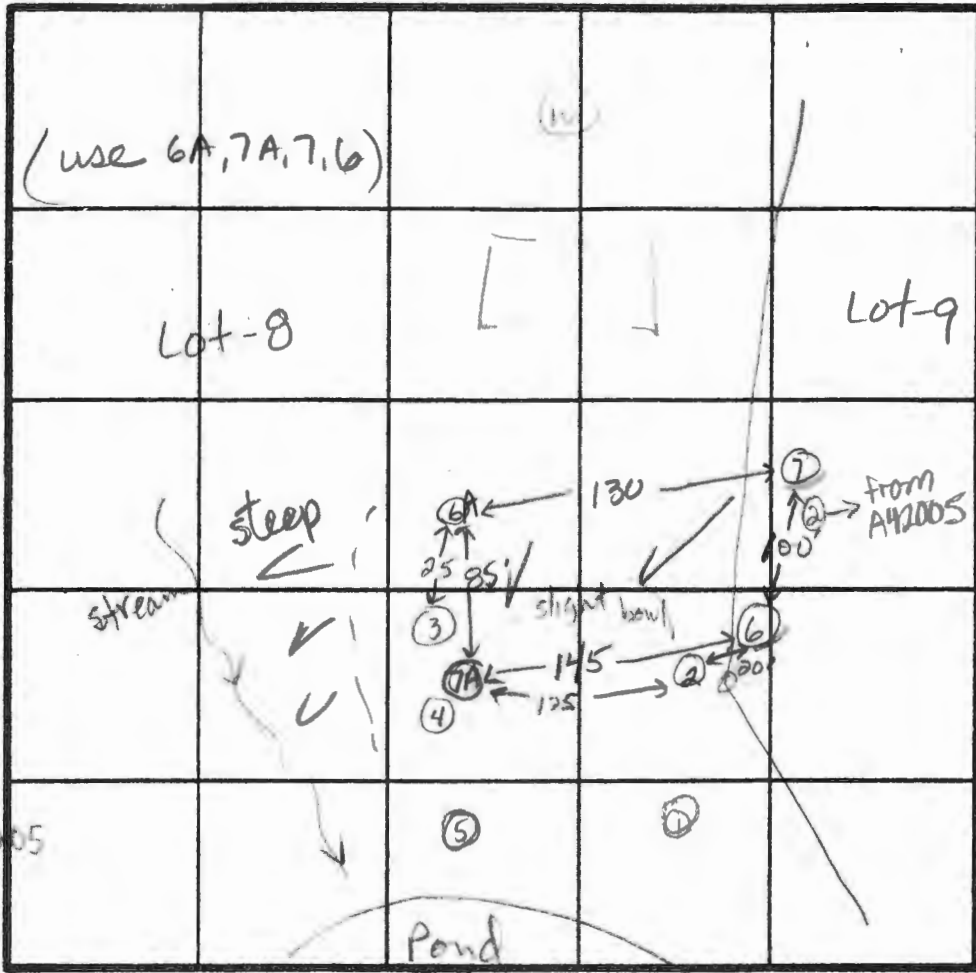
HD-216

THIS IS NOT A PERMIT

A 42004

SOIL PROFILE

0-3.5 Rd-br s1
cl lm
3.5-14.0 Rd-br
mica
sa sil m
Saprolite
<10%
decomp.
rock
14.0 Bottom
caved at
9 ft



Highest 7
6A
6
Lowest 7A

$\bar{x} = 2 \text{ min}$
Inlet = 3.5 ft
Bottom = 9.0 ft
180 soft (bdrm)
Repair must be SHALLOW

⑦ Lot-9 ② A42005

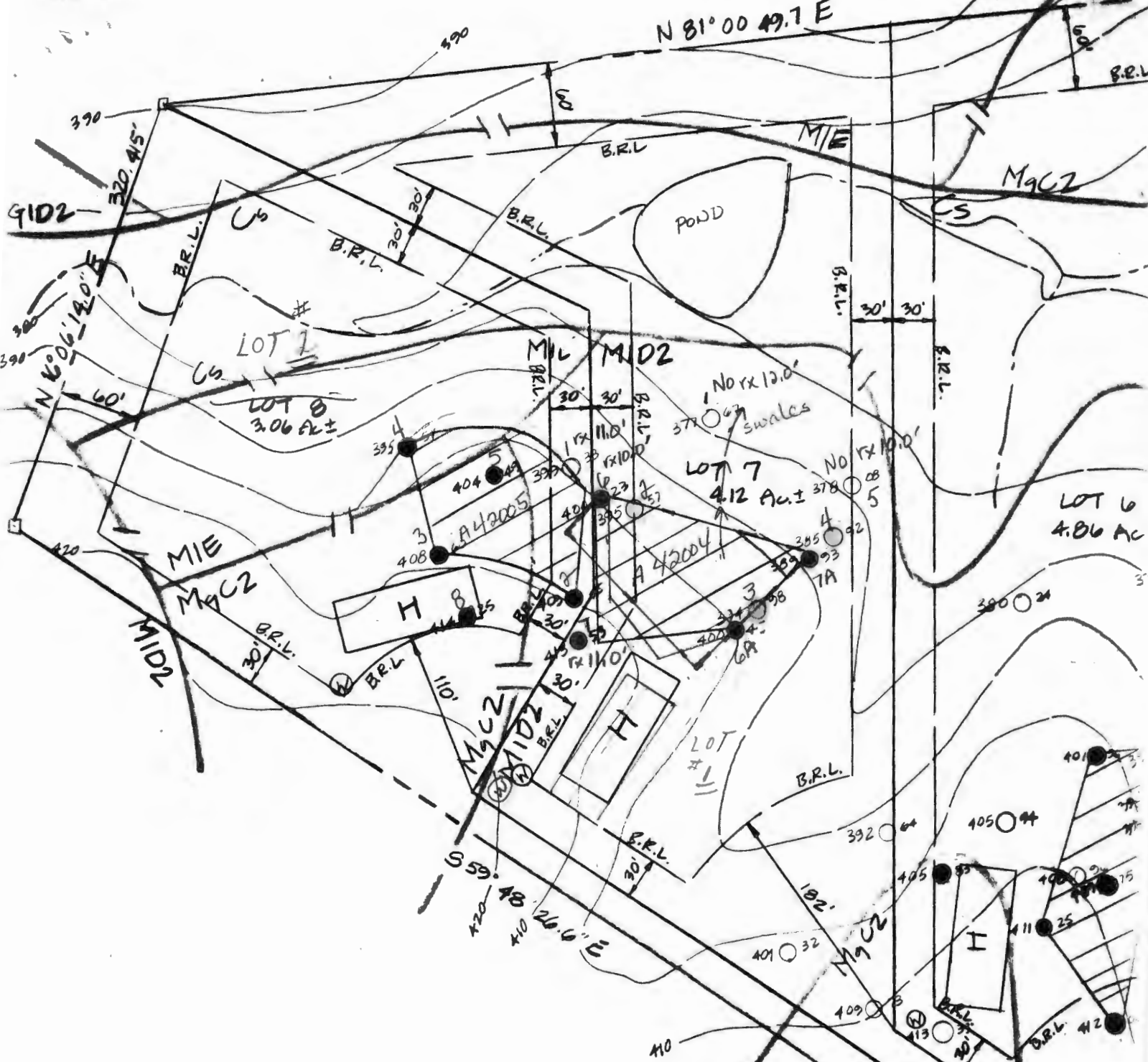
0-3.5' Rd-br s1
cl lm
3.5'-11.0 Dk-br
mica
sa s1
lm,
saprolite,
some
decomp
rx, <20%
Trace of
structure
11.0 Refusal

⑥ Lot-9
0-4.0 Dk-br sa
s1 lm
4.0-13.5 Dk-br
mica sa
s1 lm,
<15%
decomp.
rx, structured
rock at
10.0 ft
13.5 Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3-28-89	6A	5.0 S	10:37	10:38	10:38	10:40	2 min	
		9.0 M	10:37	10:38	10:38	10:39	1 min	
		14.0 D	Bottom (caved at 9.0 ft)					
	7A	5.0 S	10:46	10:46	10:46	10:47	1 min	
		8.0 M	10:45	10:47	10:47	10:50	3 min	
		14.0 D	Bottom (clay to 3.5 ft, <15% decomp rx)					
	Lot-9 7	5.5 S	10:26	10:26	10:26	10:28	2 min	
		8.0 M	10:26	10:26	10:26	10:28	2 min	
		11.0 D	Refusal at 11.0', <20% rx, clay to 3.5'					
	Lot-9 6	5.0 S	10:16	10:17	10:17	10:18	1 min	
		8.5 M	10:10	10:14	10:14	10:18	4 min	
		13.5 D	Bottom (<20% rx, structured at 10.0')					
10/4/88	A42005 2	7.5 S					2 min	
		10 M					4 min	
		13 V	OK					

REMARKS: All holes not shown on plat. If #6 Lot-9 not used in easement
 Deep system OK
 TYPE OF SOIL: 0-3.5 Rd-br s1 cl lm 3.5-14 Dk-br mica sa sil m, saprolite <20% rx
 TESTED BY: Jane E. Nadeau ALSO PRESENT: Claude Cissell, Matt Horowitz



-- Final config of easement
 on Carvel Prop
 Lot 1 ~~OK~~ ~~OK~~ ~~OK~~
 F-97-169

ED: FOR PRIVATE WATER

LOT #15

Lot #	Herdwite	Deer Poond	Oat Risc	Hawks Perch	NONCURE WAY	PERCH HEADS
A41997	1	1				PERCH
A41998	2	2 NO FILE				2
A41999	3	3				
A42000	4			1		
A42001				2		1
A38775	5					
A42002	6			3	3	
A42004	7		1		1	
A42005	8		2		2	PERCH

Pindell School Road

8-26-95
3:00 c.o.

Tax ID - 05-412544

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 59836

A 42004

DISTRICT 5th

DATE 2-24-98

DATE SYSTEM APPROVED 8/27/05

INSPECTOR JK

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~X165083~~ 410-313-2640

INDEXED

Olen Ketterman IS PERMITTED TO INSTALL ALTER

ADDRESS 14960 Route 144, Woodbine, Maryland 21797 PHONE 410-442-1336

SUBDIVISION Carvell Property LOT 1 ROAD 7106 Pindell School Road

PROPERTY OWNER Clarence and Martha Carvell

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

BLDG. PERMIT SIGNED
AND RETURNED 11-20-98
Serial # B70115722
Gardner House

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 170 feet off the right (634.02') lot line and 205 feet off the left (953.00') lot line as seen when facing the property from the right-of-way. Run trenches along 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/MR

PLANS APPROVED BY Jane Nadeau/Mark Rifkin REVISED _____ DATE 08/13/97

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

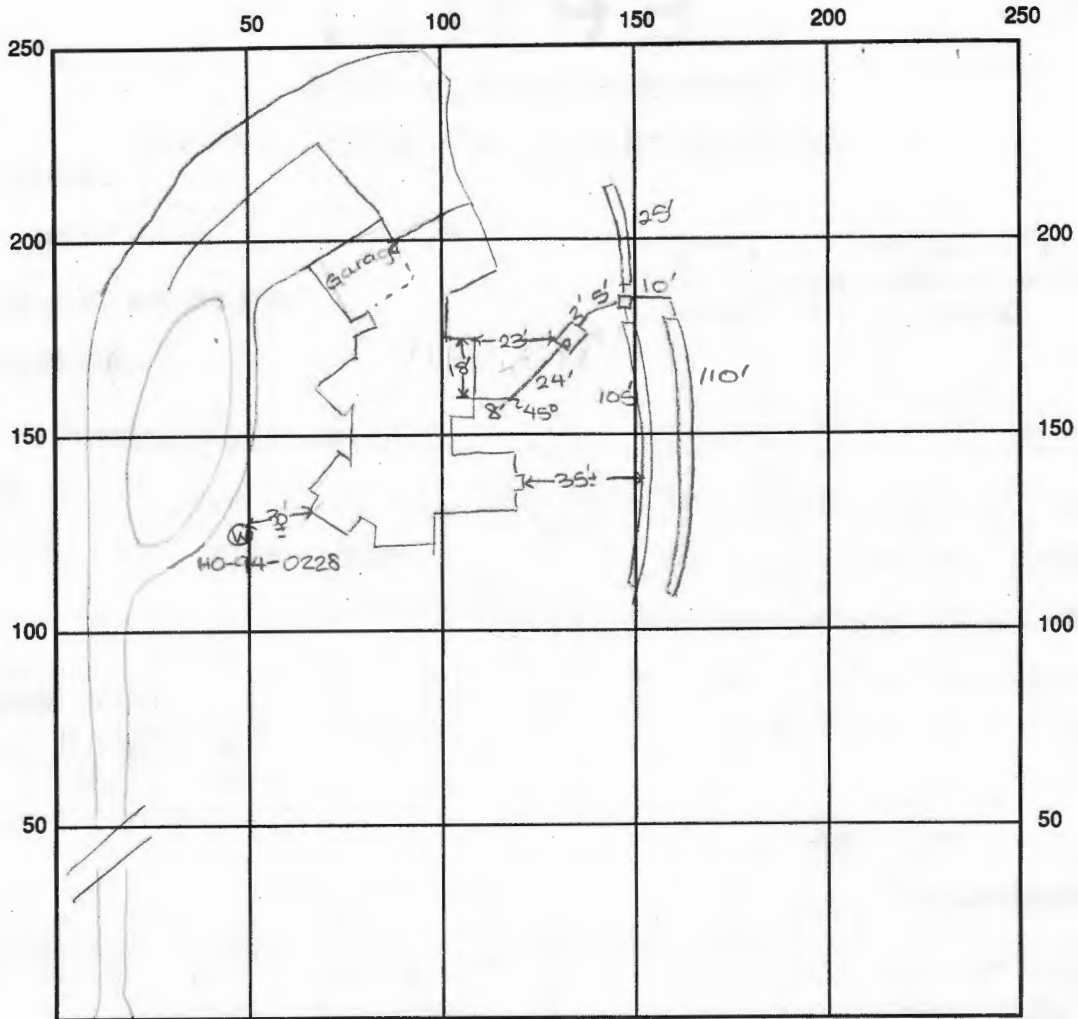
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 11-5-98
Serial # B70114925
proprietor

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

A 42004



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Pindell School Road

SEPTIC TANK LEVEL OK - 1500 gal CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 25 FT. → 240'

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 8/27/98 P.M. FINAL INSP - OK TO COVER ALL WORK. DKS

DATE SYSTEM APPROVED 8/27/98

INSPECTOR [Signature]

C1 4533

SEQUENCE NO. (DENV USE ONLY)

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# 42004

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

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 11/03/94

Depth of Well

400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

H0-94-0228

OWNER HOKOWITZ PETER last name first name STREET OR RFD PINDELL SCHOOL ROAD TOWN FULTON SUBDIVISION OAK RISE SECTION LOT 1

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 FROM TO Check if water bearing

SAND GRAY MICH ROCK 0 48 48 400

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 15 NO. OF POUNDS 1410

GALLONS OF WATER 90

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 44 ft.

CASING RECORD

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 51

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

SCREEN RECORD

ST BR HO PL OT STEEL BRASS OPEN HOLE PLASTIC OTHER

DEPTH (nearest ft.) H0 50 400

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE 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) 6

PUMPING RATE (gal. per min. to nearest gal.) 2

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 58

WHEN PUMPING 31

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 (CIRCLE) (YES or NO) 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: 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

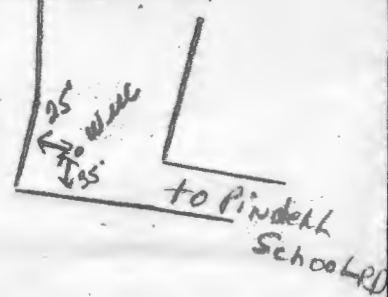
PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) + above - below LAND SURFACE 1 (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)



IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED YES Y NO N

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. 24

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

EMERGENCY/TEMP NO. IF ANY

B 1 **5376**
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-8 ON ALL CARDS)

SEQUENCE NO.
(DP USE ONLY)

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

STATE PERMIT NUMBER
60-94-0228
fill in this form completely

Date Received (APA)
100794
OWNER INFORMATION
HOROWITZ **Peter**
10890 FREDERICK RD
ELKICOTT CITY MD 21042

B 3 LOCATION OF WELL
HOWARD
8 COUNTY
DEER POND PAK RISE
23 SUBDIVISION
SECTION **44** LOT **7**
FULTON
52 NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION
Joseph L. Mayne MSD/MGD/MWD
Joseph L. Mayne Well Drilling
5512 Ridge Rd. Mt. Airy 21271
Joseph Mayne 10/6/94

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
PindeLL School RD.
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
1200
DISTANCE FROM ROAD
ENTER FT OR MI **FT**
TAX MAP: _____ BLK: _____ PARCEL: _____

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) **5**
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME
A# 42004 COUNTY NO.
STATE SIGNATURE _____ INSERT S _____
DATE ISSUED **101994** Charles Bryan **10/19/95**
CO SIGNATURE EXP. DATE
NORTH GRID **489000** EAST GRID **0824000**

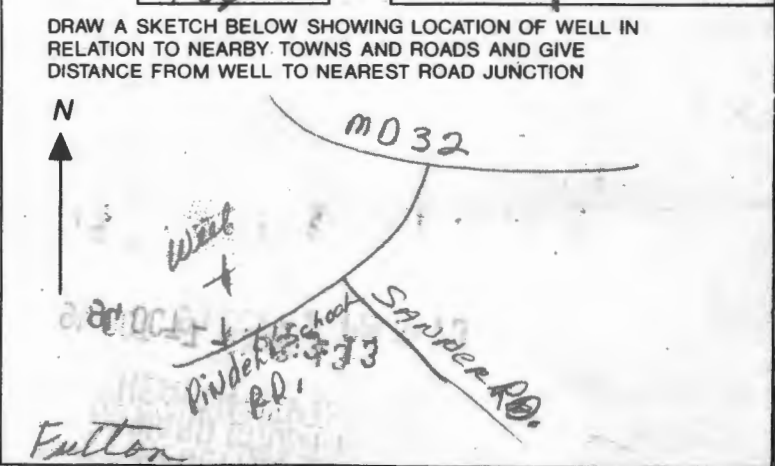
APPROXIMATE DEPTH OF WELL **300** FEET

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
other _____

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
820 4
480 2

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 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 **G A P**
FORCE WRITE INITIALS IN BOX PERMIT No. **60-94-0228**

SPECIAL CONDITIONS
NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =
COUNTY

11/5/98
Proposed
line location
of as shown

55' From
House
85'
From GAS
TANK TO Well

EXISTING PRIVATE DRAINAGE &
20' WIDE EASEMENT & 10'
UTILITY

