

4/20/92  
5-1-92  
anytime  
5/10/92 3330  
10/10/93 11008 C STB  
12/2/92  
-3.00

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-399602

P 48070

A 35548

DISTRICT 5th

DATE 5/4/92

DATE SYSTEM APPROVED 12/2/93

INSPECTOR M. Rifkin

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

INDEXED

Brian A. Knauff IS PERMITTED TO INSTALL  ALTER

ADDRESS 9228 Route 99, Ellicott City, MD 21043 PHONE 465-7058

SUBDIVISION Buckskin Woods LOT 25 <sup>New lot</sup> 59 ROAD 4279 Buckskin Lake Drive

PROPERTY OWNER Brian A. Knauff

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 2000 GALLONS INSTALL: PUMPED SEPTIC SYSTEM

NUMBER OF BEDROOMS \_\_\_\_\_  
- 2000 Gal. Tank with 1000 Gal. Pump Pit  
- Dual Effluent Pumps with Alarms

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED \_\_\_\_\_

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 35 feet from the back (611.29') lot line and 195 feet from the West (136.68') lot line as seen when facing the lot from Buckskin Lake Drive. Run trenches on contour toward the West Lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade on line to septic tank. 1/31/92 OK RB

**BUILDING PERMIT SIGNED**

**AND RETURNED**

4785 BOD 15298-06 PLUMBER TANK

PLANS APPROVED BY Sid Abel DATE 2/11/86

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**

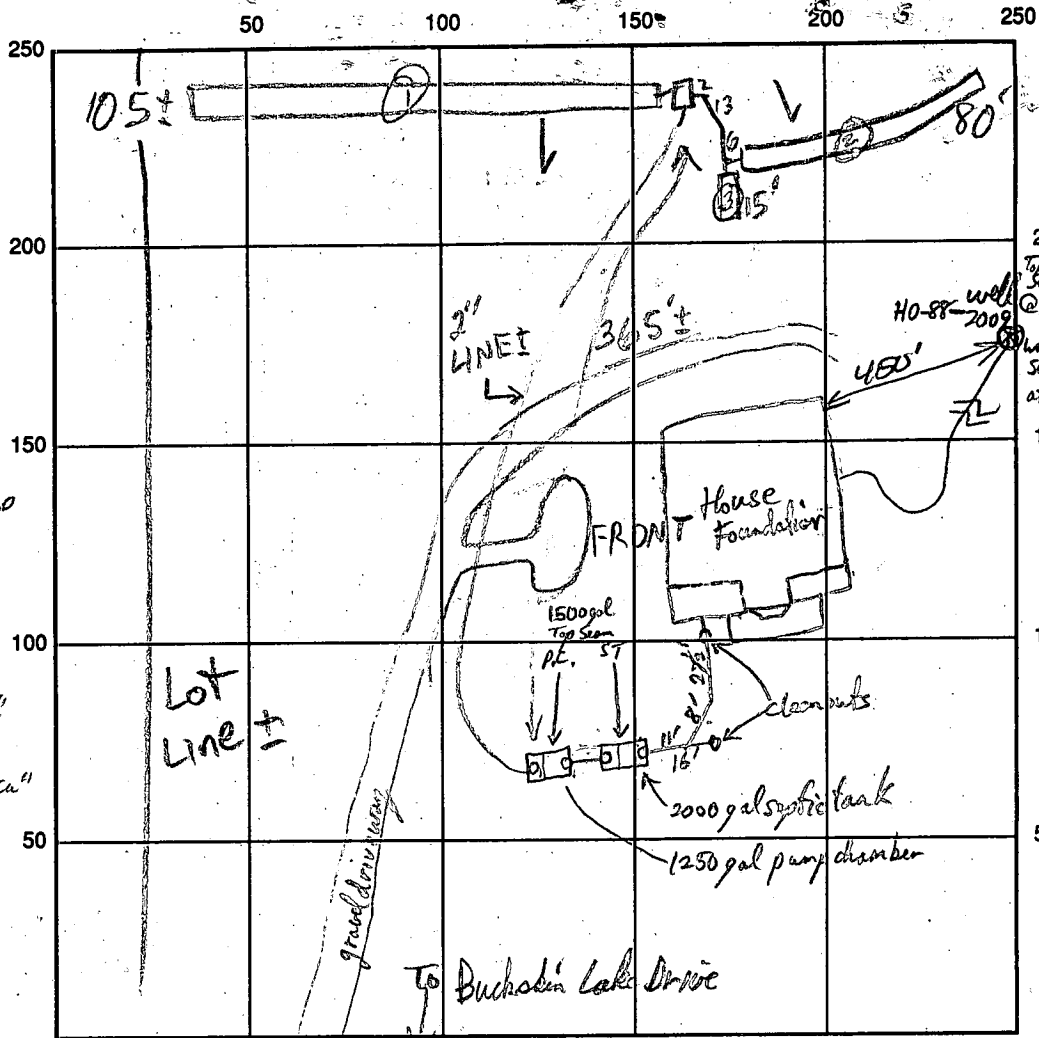
**BLDG. PERMIT SIGNED**

**AND RETURNED 8-7-98**

Serial # B10113370

attached garage

A 35548



5/11/92 RP  
Soil description  
at S.T. + P.C. site

Wood PC	Center ST.	18" top
12"	Red Mottles in	3"
	Brown CL	3 1/2"
3'	Gray Mottles in	
	Brown CL	
200'		
Top Seam		
@ 3'5"	Mix Gray Brown	5 1/2"
	Yorange filled	
	Mica gran	
Water		
Seam		
at 3 1/2' elev		

with Sump  
@ 6 1/2'  
wet soil  
+ 4 1/2'

Pump Chamber  
6.8' = 96  
4.4' = 48  
4.6' = 55  
h.6' = 72  
231 | 33,1776 cu"  
1436 gal pc

213.6  
Soil tank  
L: 10 1/2' - 6" = 120"  
W: 5' - 6" = 54"  
H: 8' = 96"  
231 | 544,320 cu"  
2356 gal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Pump Chamber 1500 gal dbl Compartment Top Seamed Tank (Tared entirely around outside)  
SEPTIC TANK LEVEL 1500 gal " " Top Seamed Tank CLEANOUTS ALL C/O OK  
DISTRIBUTION BOX LEVEL OK - BAFFLE IN  
DRAIN FIELD/TITLE DEPTH 8 1/8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 1/4 FT.  
EFFECTIVE GRAVEL DEPTH 4 1/4 FT. TOTAL LENGTH 105 @ 10 15 @ 15  
NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 420 @ 320 @ 60 SQ. FT.  
DRYWALL INSIDE DIAMETER - FT. EFFECTIVE DEPTH BELOW INLET - FT.  
ABSORBENT AREA 800 SQ. FT.

REMARKS: ~~Disapprove~~ Septic tank leaks at several spots at both ends of Septic tank and below seal one spot was patched but not adequately (2 1/2" water @ bottom of ST @ 3:30 PM) - Pump chamber has 19" water, only 4 leaks below seal still active (18" above water has 178-20 leaks in ST in 4 spots - main one is an 18" horizontal crack in tank in lit wall approx 18" above tank bottom. Sump basin 3' above tank bottom, seams is 3 1/2' above tank floor (No Leaks at either seams). Prominent light gray Mottles excavated from Tank holes verify water table problem. Pump out and purge S.T. + P.C. or replace with watertight tank. (Several patched holes at bottom seams also - i.e. drain plugs) RP 4/20/90 ST. Replaced by Two Double Compartment Top Seamed Tanks but Lids are on backwards & center point hole should be over center baffles. RP 5/1/92 - double is turning PC lid correctly - can't get to ST. R. G. G. 5/21/92

DATE SYSTEM APPROVED 5/21/92 INSPECTOR TRENCH 1 & 2 OK TO STONE  
RE-INSP AFTER HOLIDAY ALL WORK TO BE DONE MR 11/12/93 OK TO COVER  
PUMP INSP NEEDED MR 12/2/93 200 GALS ABOVE ALARM FLOAT - OK TO COVER MR

5/21/92 3:30

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

Fee Not Paid yet

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation \_\_\_\_\_  
 Replacement \_\_\_\_\_

Receipt # \_\_\_\_\_  
 Date \_\_\_\_\_

Name of Installer LA. Mechanical (Lyodd Allen (owner)) Telephone \_\_\_\_\_  
*Elona Miller - plumber*

License Number \_\_\_\_\_  
 Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber X

Name of Property Owner Brian A. Knouff Telephone (410) 465-7098  
 Subdivision Buckskin Knott Lot # 25 Well Tag # HO-88-2009  
 Site Address 4279 Buckskin Lake Dr

<b>Pump</b>	<b>Motor</b>	<b>Pitless Adapter</b>
1. Type	1. Horsepower _____	1. Make _____
a. Deep well jet _____	2. RPM _____	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible _____	a. 110 _____	
2. Make _____	b. 220 _____	
3. Model # _____		
4. Capacity _____ 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 _____		
<b>Tank</b>	<b>Piping</b>	<b>Well data</b>
1. Capacity _____	1. Type _____	1. Depth _____ ft.
2. Pressure relief valve? _____	2. Size _____	2. Yield _____ GPM
<i>Pitless adapter - OK</i>	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
<i>water line (@42 inches below grade)</i>	4. Depth of supply line _____	4. Will water supply be disinfected by installer? _____
<i>RJP 5-21-92</i>		

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: \_\_\_\_\_

Date: \_\_\_\_\_

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

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35348

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 5

DATE MAY 6 1985

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 DALE Z. MAISEL c/o <sup>BRIAN A. KNAPP</sup> HOWARD COUNTY LAND SERVICES

ADDRESS 10176 BALTO NAT'L PIKE 21043 PHONE 465-4920 <sup>465-7058</sup>

PROPERTY LOCATION: FOLLY QUARTER

SUBDIVISION BUCKSKIN WOODS SEC. 2 LOT NO. ~~25~~ <sup>NEW LOTS</sup> 25

ROAD AND DESCRIPTION FOLLY QUARTER RD <sup>4279 Buckskin Lake Drive</sup> 1/4 MILE WEST OF GLENELG

COUNTRY SCHOOL

SIZE OF LOT 3 ACRES TYPE BLDG. 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.

DALE Z. MAISEL  
(SIGNATURE OF APPLICANT)

APPROVED BY Lickey Able FOR Deep Trenches DATE 2-11-85

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

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

REASONS FOR REJECTION OR HOLDING 6-10-85 Perc. Satisfactory, hold for Certified Subdivision Plat PMS

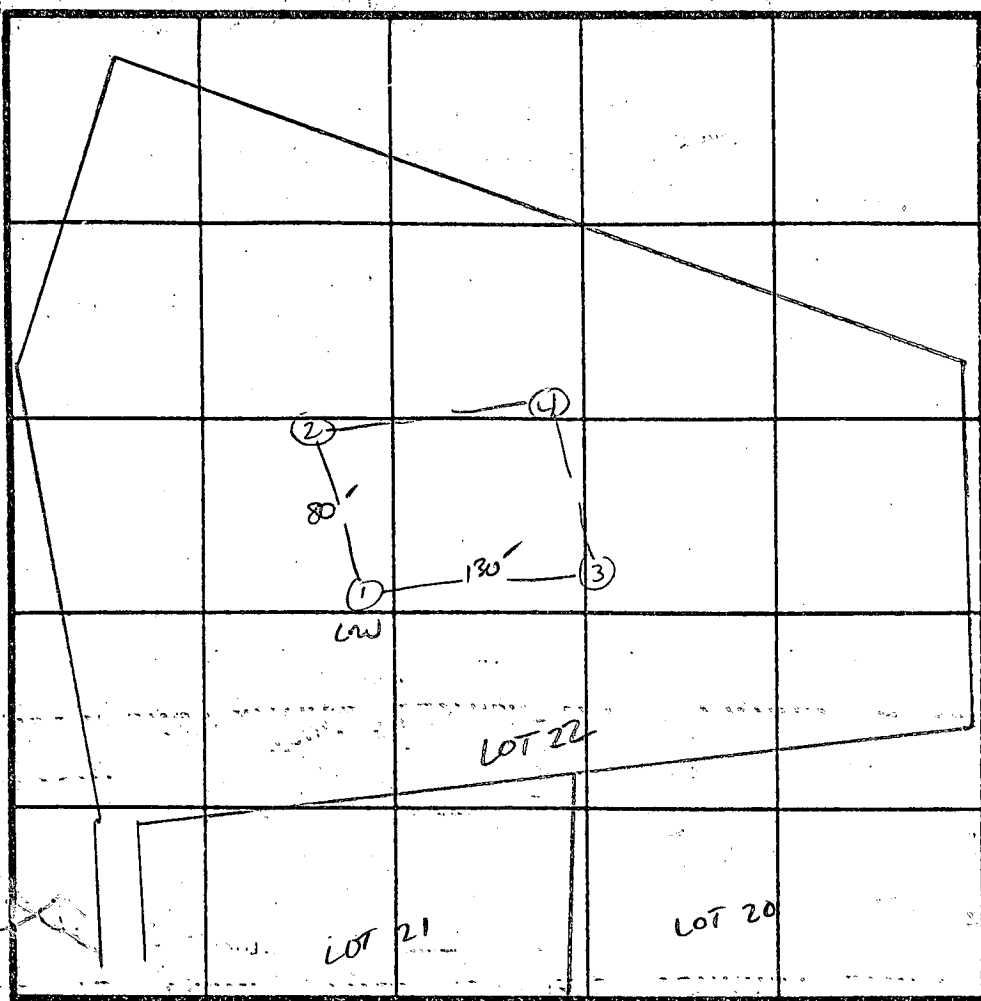
BLDG. PERMIT SIGNED  
AND RETURNED 4/27/85  
Serial # 40618  
SFD

# THIS IS NOT A PERMIT

① ③  
SOIL PROFILE

6" 0  
A1-3  
Yellow Red  
CLAY LOAM  
<10%  
SAPROLITE

4'-4.5'  
Yellow Brown  
SAND SILT  
10-20%  
SAPROLITE



15" 0  
② ④  
A1-3  
Yellow Brown  
CLAY LOAM  
<10%  
SAPROLITE

4'  
Yellow Brown  
SAND LOAM  
10-20%  
SAPROLITE

X PERC TIME  
5  
INLET 4  
BOTTOM MAX 9

158 #/BR  
180

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

PROPOSED Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/10/85	1 S V	5" 15"	12:22	12:25	12:25	12:35	10min	
			UNIFORM SOIL STRUCTURE Below 4.5'					
	2 S V	4.5" 12"	12:29	12:30	12:30	12:32	2min	
			UNIFORM SOIL STRUCTURE Below 4'					
	3 S V	4" 13"	12:37	12:38	12:38	12:41	3min	
			UNIFORM SOIL STRUCTURE Below 4'					
	4 S V	4" 12"	12:42	12:44	12:44	12:48	4min	
			UNIFORM SOIL STRUCTURE Below 4'					

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY SMBel ALSO PRE. O-KETTERMAN

May 22 1991  
2 P 7

# APPLICATION

PERCOLATION TESTING

A 46920  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_  
DATE 3/15/91

Preview ok.  
Maintain 100 ft from  
streams. JED 3-15-91  
Need plan with proposed  
SDA. JED 3-15-91  
Owner notified 3-15-91

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 BRIAN KNAUFF

ADDRESS 10805 HICKORY RIDGE RD. 21044 PHONE 740-2100 X 218

PROSPECTIVE BUYER N/A port. phone 370-2022

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

PROPERTY LOCATION:

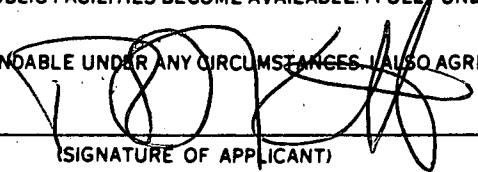
SUBDIVISION BUCKSKIN ~~LAKE~~ WOODS LOT NO. 25

ROAD AND DESCRIPTION OFF BUCKSKIN LAKE DR.

TAX MAP 28 PARCEL # 535

SIZE OF LOT 8.486 AC. 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 5/9/91 ADJUSTMENTS OK HOLD FOR PERC  
CERT MR

HD-216

## THIS IS NOT A PERMIT

110

①③

SOIL PROFILE

0'9" sandy clay loam  
17" brn tan sand loam  
10% frags  
bi mica

2 1/2

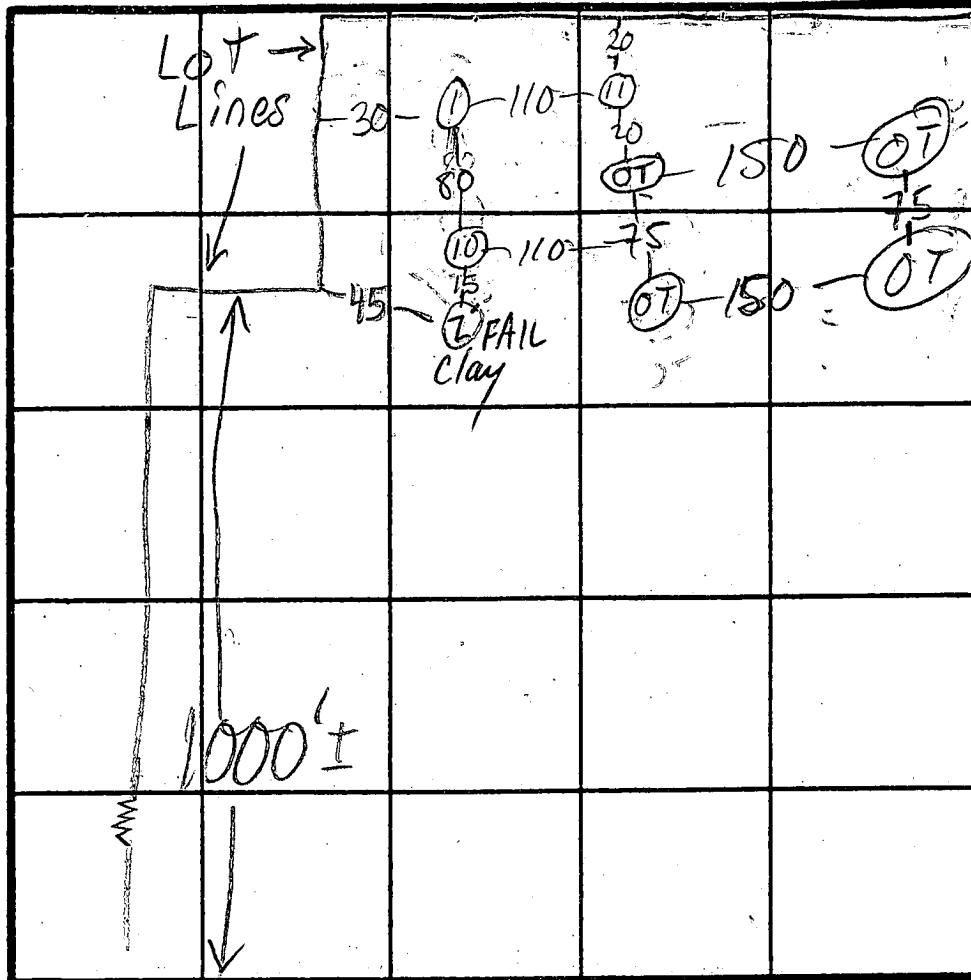
10-11 1/2

②

0'9" brn clay & clay loam  
some lg. frags (10%)  
tan brn silty loam  
15% large frags  
w/ clay veins  
↑ w/ depth  
dk. brn black & wh. veins  
in bot

2-3

10-12



OTHER HOLES SEE NEXT SHEET

BUCKSKIN LAKE DR INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/2/91	1 S	3 1/2	2:17	2:18	2:18	2:19	1
	1 V	11 1/2	see profile				
	2 S	4	2:23	2:25	2:25	2:31	6
	2 V	12	see profile				
	2 M	8	2:40	SLOW 1/2"	15 min		FAIL
	3 S	4 1/2	3:07	3:08	3:08	3:09	1
	3 S	4 1/2	3:10	3:11	3:11	3:13	2
	3 V	10	sim to ① see profile				
	4 S	6	3:18	3:27	3:27	3:37	10
	4 V	10	sim to ② see profile				
	4 M	9	3:45	< 1/2"	1 1/2 min		FAIL

REMARKS

TYPE OF SOIL

TESTED BY

M. Ripkin

ALSO PRESENT

C. Crovo, B. Knauft, DK Jr

# APPLICATION

PERCOLATION TESTING

A 46920

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 Brian Kravff

ADDRESS \_\_\_\_\_ PHONE 740-2100 x218

port. phone 370-2022

PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION Buckskin Woods LOT NO. 25

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 28 PARCEL # 535

SIZE OF LOT 8.5 Acres TYPE BLDG. \_\_\_\_\_  
(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 \_\_\_\_\_

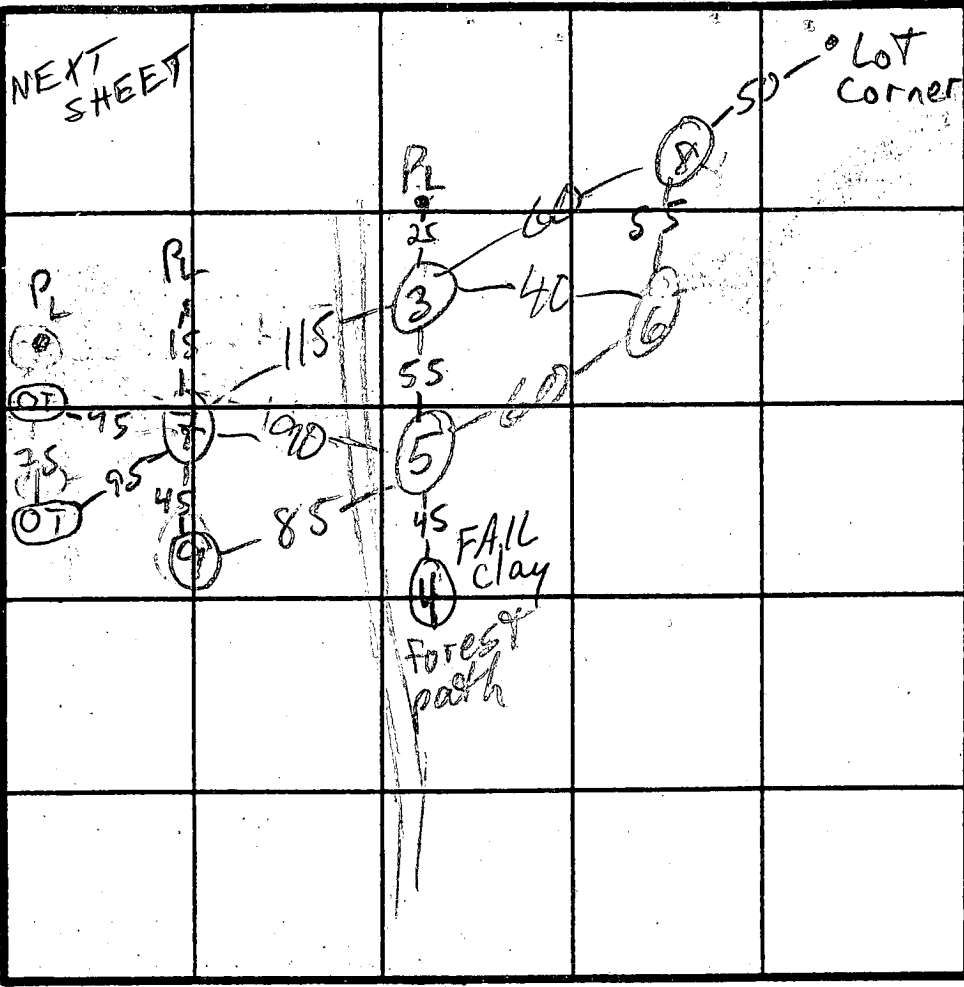
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

HD-216

# THIS IS NOT A PERMIT

OTHER HOLES SEE NEXT SHEET



SOIL PROFILE  
 0  
 5 1/2 - 6  
 12  
 brn sandy clay + clay loam 25% frags  
 209 brn s.l. sand loam 10-15% frags  
 mica

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/8/91	5 S	7'	11:50	11:51	11:51	11:53	2
	5 V	12	see profile				
	6 V	12	Sim to ⑤		5' clay ±		
	7 S	5	12:03	SLOW	1" 40 min		
	7 M	8	12:03	12:04	12:04	12:05	1
	7 M <sub>2</sub>	8	12:05	12:06	12:06	12:08	2
	7 V	12 1/2	Sim to ⑤		15% frags		
	8 S	6	12:24	12:27	12:27	12:44	17 EST
	8 V	11	Sim to ⑤		15-20% frags		
	7 S <sub>2</sub>	6	12:51	12:54	12:54	1:00	6
	9 V	11	Sim to ⑤		4 1/2 - 5' clay		
	10 S	5 1/2	1:08	1:10	1:10	1:12	12
	10 V	13 1/2	Sim to ⑩		3' clay		
	11 V	12	Sim to ⑩		4' clay		

REMARKS

TYPE OF SOIL

TESTED BY M. Rifkin

ALSO PRESENT OK Sr, B. Knauft, C. Crovo, Dave

Copy  
Signed Cert  
Spec Cert

ROBY LOT 2  
SUBDIVISION  
FLAT # 7676

LOT 25

LOT 22

LOT 53  
32 AC.

LOT 54  
4.8 AC.

LOT 55  
3.4 AC.

TEMPORARY TEE  
TURN AROUND

20' USE IN COMMON

745.00'

N 12° 37' 05" E

11/16/92

N 22° 51' 15" E

3300.00'

S 37° 35' 52" W

S 55° 24' 00" E  
180.00'

34° 45' 08" W

611.20'

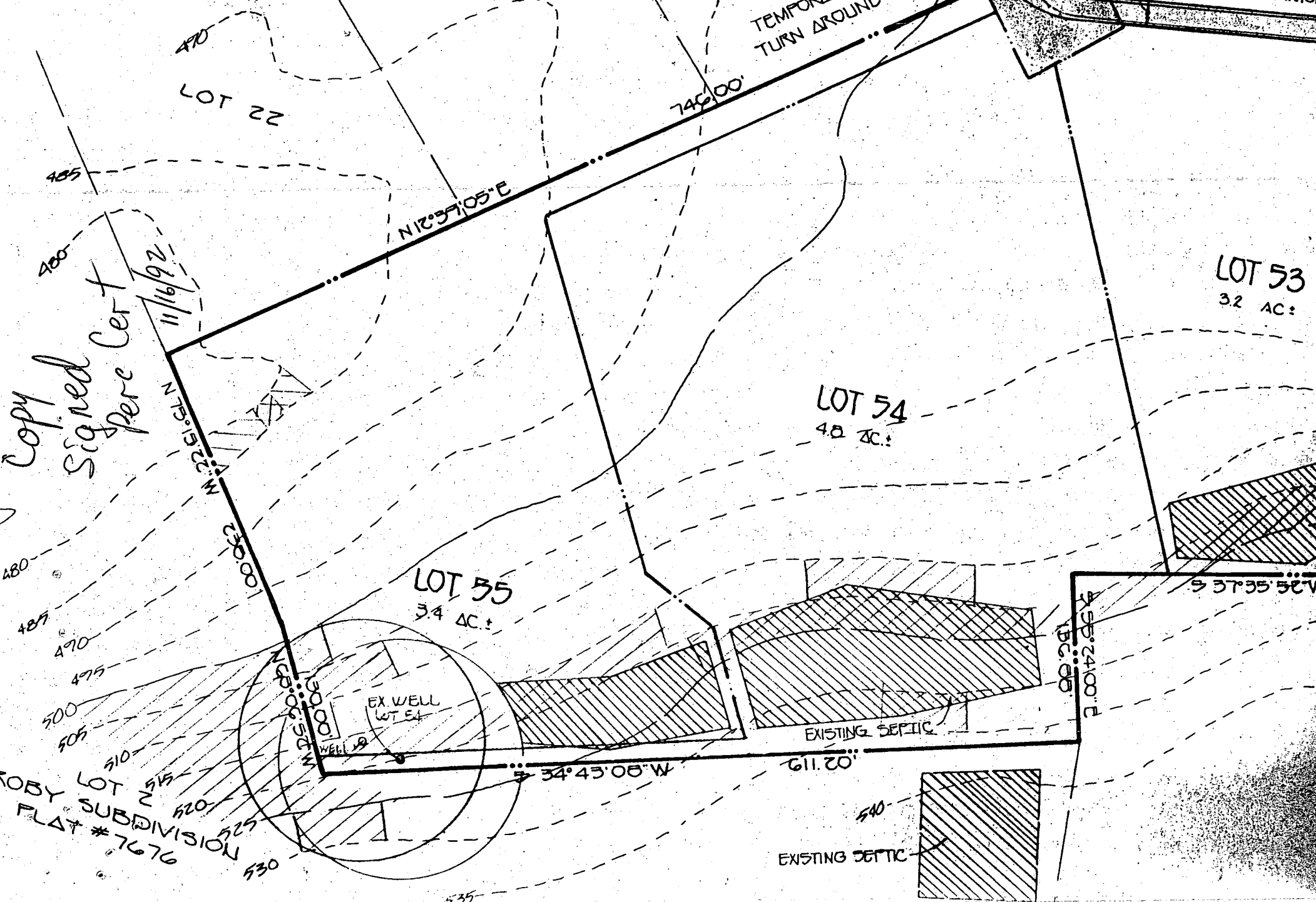
N 65° 30' 00" E  
1500.00'

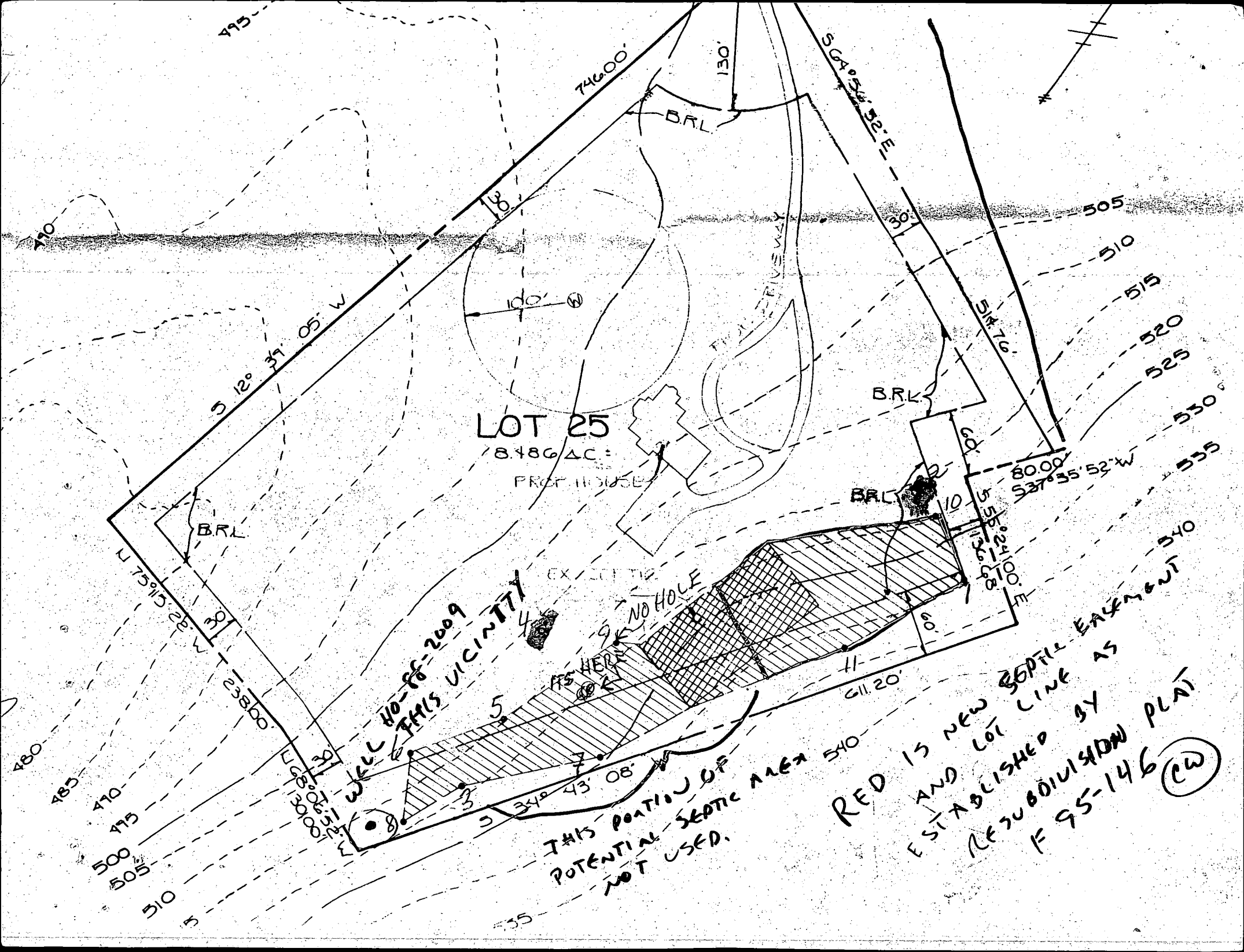
EX WELL  
LOT 51

WELL

EXISTING SEPTIC

EXISTING SEPTIC





LOT 25

8.486 AC.

PROP. HOUSE

WELL HO-66-2009  
 THIS VICINITY

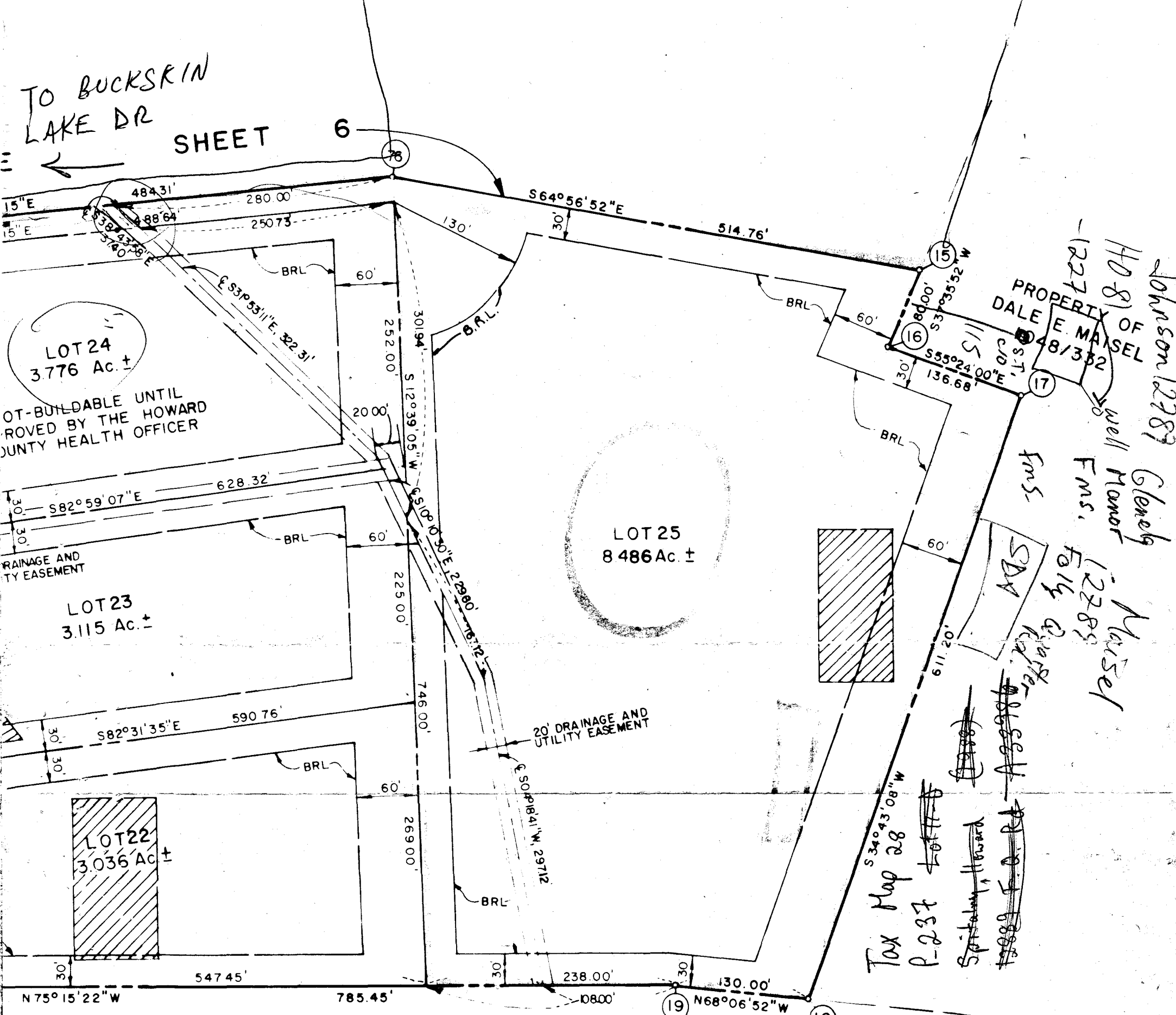
THIS PORTION OF  
 POTENTIAL SEPTIC AREA  
 NOT USED.

RED IS NEW SEPTIC EASEMENT  
 ESTABLISHED BY  
 RESUBDIVISION PLAT  
 F 95-146 (CW)

770  
 495  
 746.00'  
 130'  
 B.R.L.  
 S 64° 54' 52" E  
 30'  
 505  
 510  
 515  
 520  
 525  
 530  
 535  
 540  
 545  
 550  
 555  
 560  
 565  
 570  
 575  
 580  
 585  
 590  
 595  
 600  
 605  
 610  
 615  
 620  
 625  
 630  
 635  
 640  
 645  
 650  
 655  
 660  
 665  
 670  
 675  
 680  
 685  
 690  
 695  
 700  
 705  
 710  
 715  
 720  
 725  
 730  
 735  
 740  
 745  
 750  
 755  
 760  
 765  
 770  
 775  
 780  
 785  
 790  
 795  
 800  
 805  
 810  
 815  
 820  
 825  
 830  
 835  
 840  
 845  
 850  
 855  
 860  
 865  
 870  
 875  
 880  
 885  
 890  
 895  
 900  
 905  
 910  
 915  
 920  
 925  
 930  
 935  
 940  
 945  
 950  
 955  
 960  
 965  
 970  
 975  
 980  
 985  
 990  
 995

TO BUCKSKIN LAKE DR

SHEET 6



PROPERTY OF  
THOMAS O. ROBY  
261/370 AND 436/488

IRON BAR OR IRON PIPE TO BE SET  
# 6698

FISHER, COLLINS AND CARTER, INC.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
8368 COURT AVENUE  
ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: (301) 461-2855

**NOT A SIGNED PLAT**

**OWNER AND DEVELOPER**  
DALE Z MAISEL  
C/O HOWARD COUNTY LAND SERVICES, INC.  
10176 BALTIMORE NATIONAL PIKE  
SUITE 202  
ELLICOTT CITY, MD. 21043

AND WHEREON, ADOPT THIS PLAN OF SUBDIVISION OF THE BOARD OF PLANNING AND ZONING, ESTABLISH HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND PREDECESSORS, WATER PIPES AND SPECIFIC EASEMENT FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ALLEYS AND OTHER VALUABLE CONSIDERATION, CONVEY THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND OPEN SPACE WHERE APPLICABLE; AND EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR SUPPORT OR SIMILAR STRUCTURE OF ANY KIND SHALL BE

**SURVEYOR'S CERTIFICATE:**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF PART OF THE LAND CONVEYED BY DALE Z. MAISEL TO DALE Z. MAISEL BY DEED DATED JULY 15, 1980 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER 1007 AT FOLIO 476 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

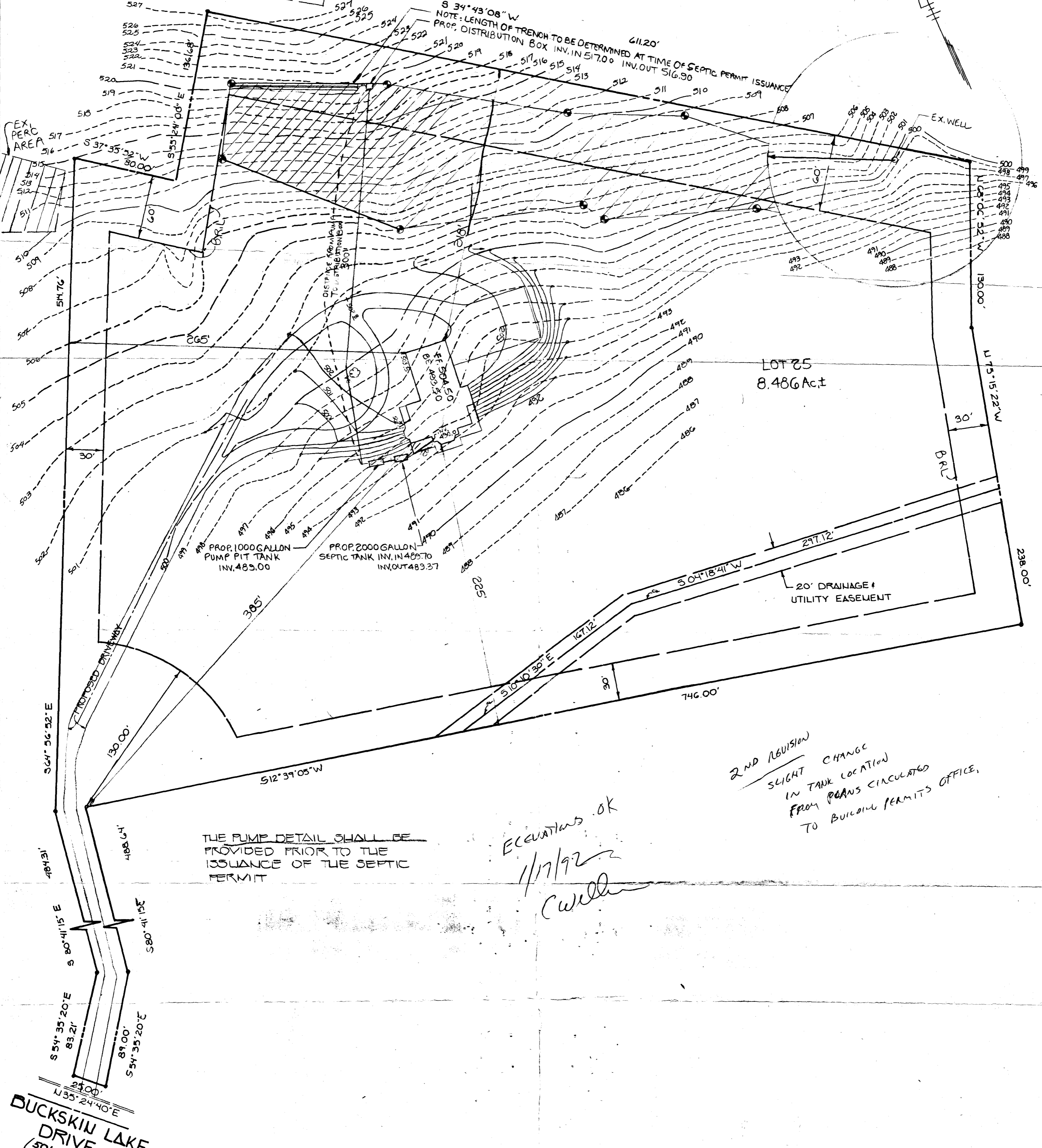
*James C. Hudgins*  
JAMES C. HUDGINS P.L.S. #96  
DATE 3/1/88

**BUCKSKIN WOODS**  
**SECTION I**  
**LOTS 1-37**  
A RESUBDIVISION OF  
BUCKSKIN FARMS  
LOTS 1-5, 7 & 8  
TAX MAP 22  
TAX MAP PARCEL 526  
5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1" = 100'  
SEPTEMBER 30, 1985  
SHEET 7 OF 7  
S85-14 P86-07 F86-86

APPROXIMATE  
EXISTING  
PERC AREA

S 34°43'08" W  
NOTE: LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE  
PROP. DISTRIBUTION BOX INV. IN 517.00 INV. OUT 516.90



LOT 25  
8.486 Ac.±

THE PUMP DETAIL SHALL BE  
PROVIDED PRIOR TO THE  
ISSUANCE OF THE SEPTIC  
PERMIT

*Ecclesiastical OK  
1/17/92  
Cwell*

*2ND REVISION  
SLIGHT CHANGE  
IN TANK LOCATION  
FROM PEANS CIRCULATED  
TO BUILDING PERMITS OFFICE.*

BUCKSKIN LAKE  
DRIVE  
(50' R/W)

PLAN TO ACCOMPANY  
APPLICATION FOR BUILDING PERMIT

LOT 25 SECTION 1  
"BUCKSKIN WOODS"  
PLAT CUP 6678

5<sup>th</sup> ELECTION DISTRICT HOWARD COUNTY, MD.  
SCALE: 1"=50' JANUARY 8, 1992

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
9171 BALTIMORE NATIONAL PIKE, SUITE 100  
ELLCOTT CITY, MARYLAND 21042  
(301) 461-2855

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
JAN 17 PM 2:36 '92

Copy of Plat  
Returned to

MR 9/18/91

US 515 68

MR  
9/6/91

for  
changes

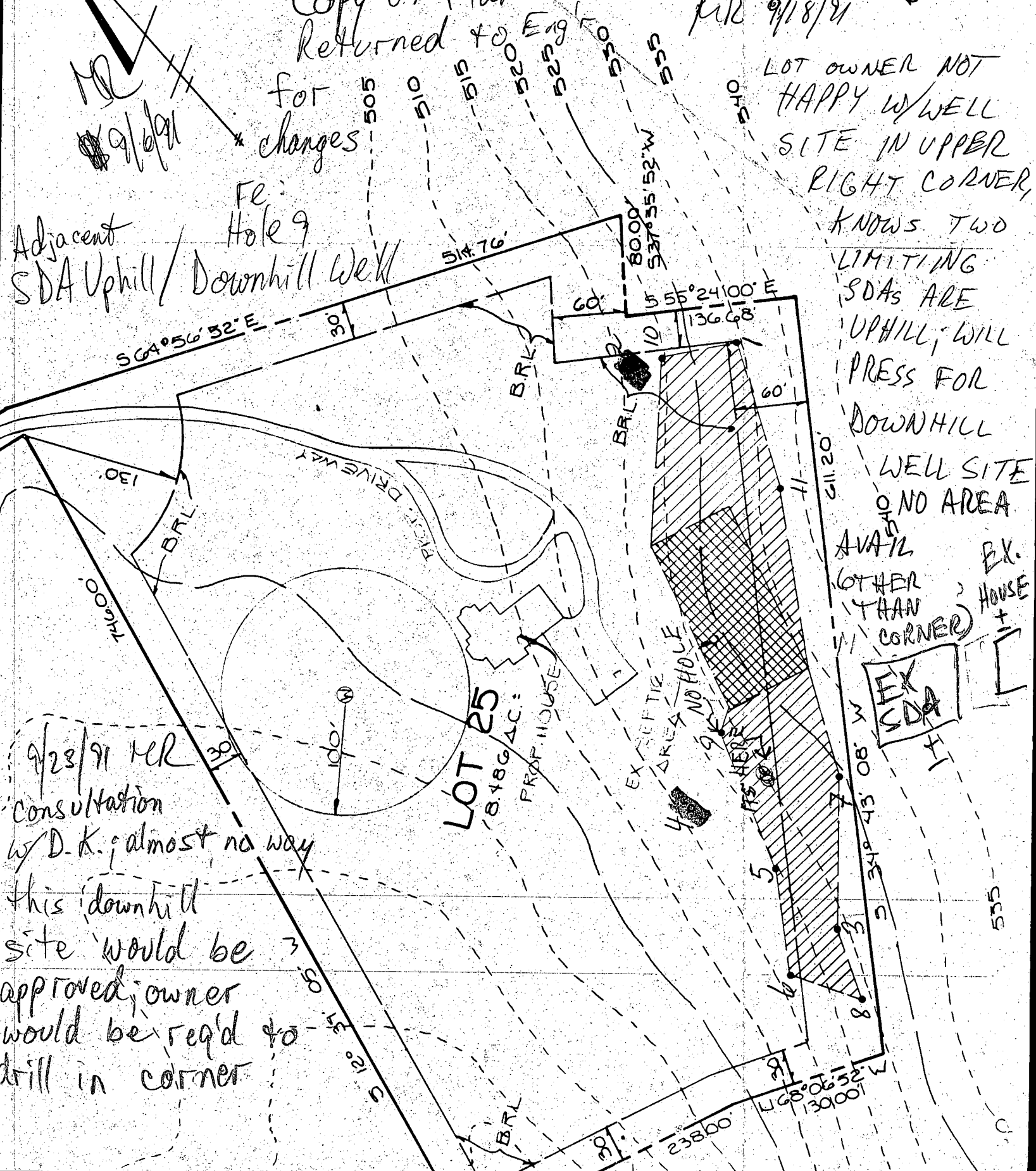
Adjacent  
SDA Uphill/Downhill Well

Fe:  
Hole 9

LOT OWNER NOT  
HAPPY W/ WELL  
SITE IN UPPER  
RIGHT CORNER,  
KNOWS TWO  
LIMITING  
SDAs ARE  
UPHILL; WILL  
PRESS FOR  
DOWNHILL  
WELL SITE  
NO AREA

AVAIL  
OTHER  
THAN  
CORNER  
EX.  
HOUSE

9/23/91 MR  
consultation  
w/ D.K.; almost no way  
this downhill  
site would be  
approved; owner  
would be req'd to  
drill in corner



LOT 25  
8.486 AC  
PROP HOUSE

EX  
SDA

EX. HOLE  
NO HOLE  
HERE

555

C

C1 4671 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 A35548

ST/CO USE ONLY  
DATE RECEIVED

DATE WELL COMPLETED  
122791

Depth of Well  
22 225 26  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
NO-88-2009

OWNER Knauft Brian  
last name first name  
STREET OR RFD Buckskin Lake TOWN Glenely  
SUBDIVISION BUCKSKIN WOODS SECTION LOT 25

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	
SAND	0	55	
GRAY MICHA Rock	55	225	

GROUTING RECORD  
WELL HAS BEEN GROUTED (Circle Appropriate Box)  Y  N  
TYPE OF GROUTING MATERIAL  
CEMENT  CM BENTONITE CLAY  BC  
NO. OF BAGS 11 NO. OF POUNDS 1034  
GALLONS OF WATER 66  
DEPTH OF GROUT SEAL (to nearest foot)  
from 0 ft. to 79 ft.  
(enter 0 if from surface)

CASING RECORD  
casing types insert appropriate code below  
ST CO STEEL CONCRETE  
PL OT PLASTIC OTHER  
MAIN CASING TYPE SF  
Nominal diameter top (main) casing (nearest inch) 6  
Total depth of main casing (nearest foot) 60

OTHER CASING (if used)  
diameter inch from to

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

C2  
DEPTH (nearest ft.)  
1 110 58 225  
EACH 8 9 11 15 17 21  
2 23 24 26 30 32 36  
3 38 39 41 45 47 51  
SCREEN  
SLOT SIZE 1 2 3  
DIAMETER OF SCREEN (NEAREST INCH)  
from to

C3  
PUMPING TEST  
HOURS PUMPED (nearest hour) 3  
PUMPING RATE (gal. per min. to nearest gal.) 12  
METHOD USED TO MEASURE PUMPING RATE Bucket  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING 38  
WHEN PUMPING 57  
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  
(CIRCLE) (YES OR 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)  
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. 238  
DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)

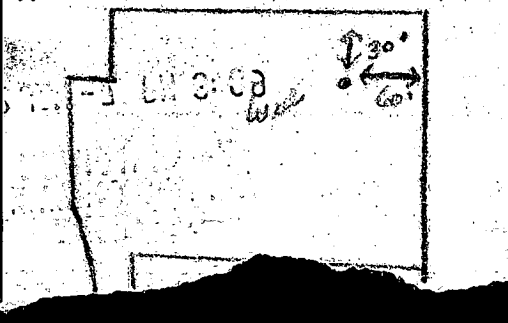
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

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)





B 1 3360

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

40-88-2009

fill in this form completely

Date Received

12/10/91

OWNER INFORMATION

KNAUFF A. BRIAN

9228 KH99

ELLICOTT CITY MD 21043

B 3

LOCATION OF WELL

HOWARD

BUCKSKIN WOODS

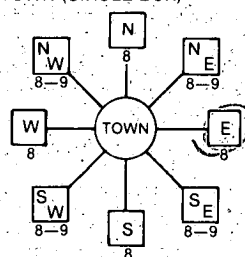
SECTION 1 LOT 25

CLECKLE

MILES FROM TOWN 1 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Buckskin Lake Dr.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



1000 DISTANCE FROM ROAD

ENTER FT or MI

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)

- [D] HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
[F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
[ ] 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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME A35548 COUNTY NO.

OEP SIGNATURE STATE HEALTH INSERT S

DATE ISSUED 12/12/91 Mark E. Rifkin 6/12/92

NORTH GRID 516000 EAST GRID 0809000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

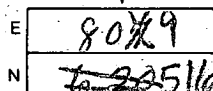
METHOD OF DRILLING (circle one)

- 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

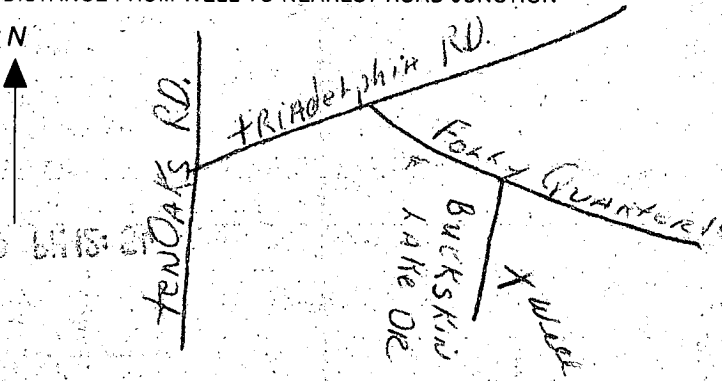
- SOURCES OF DRILLING WATER
1. Well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



12/27/91 9:30 LOC OK
11 BAGS GROUT well OK
60' CASING OK
49' OPEN OBS'D NOT
2 1/2' CASING A.G.
VTAG OK

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



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

APPROP. PERMIT NUMBER GAP

FORCE MRC PERMIT No. 40-PP-2009

SPECIAL CONDITIONS



---

## HOWARD COUNTY HEALTH DEPARTMENT

---

*Joyce M. Boyd, M.D., County Health Officer*

September 14, 1994

Mr. Brian Knauff  
4279 Buckskin Lake Drive  
Ellicott City, MD 21042

RE: Buckskin Woods, Lot #25  
4279 Buckskin Lake Drive  
Well Permit #HO-88-2009

Dear Mr. Knauff:

This is to advise you that the septic system was installed, inspected and approved December 2, 1993.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.

### FINAL CERTIFICATE OF POTABILITY

This certifies that all sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under permit #HO-88-2009.

Date of Final Sample: June 30, 1994  
Date of Well Acceptance: December 27, 1991

Approving Authority

Donna K. Soe, Sanitarian  
Water and Sewerage Program

Water Sample Dates: June 30, 1994  
November 23, 1993

DKS

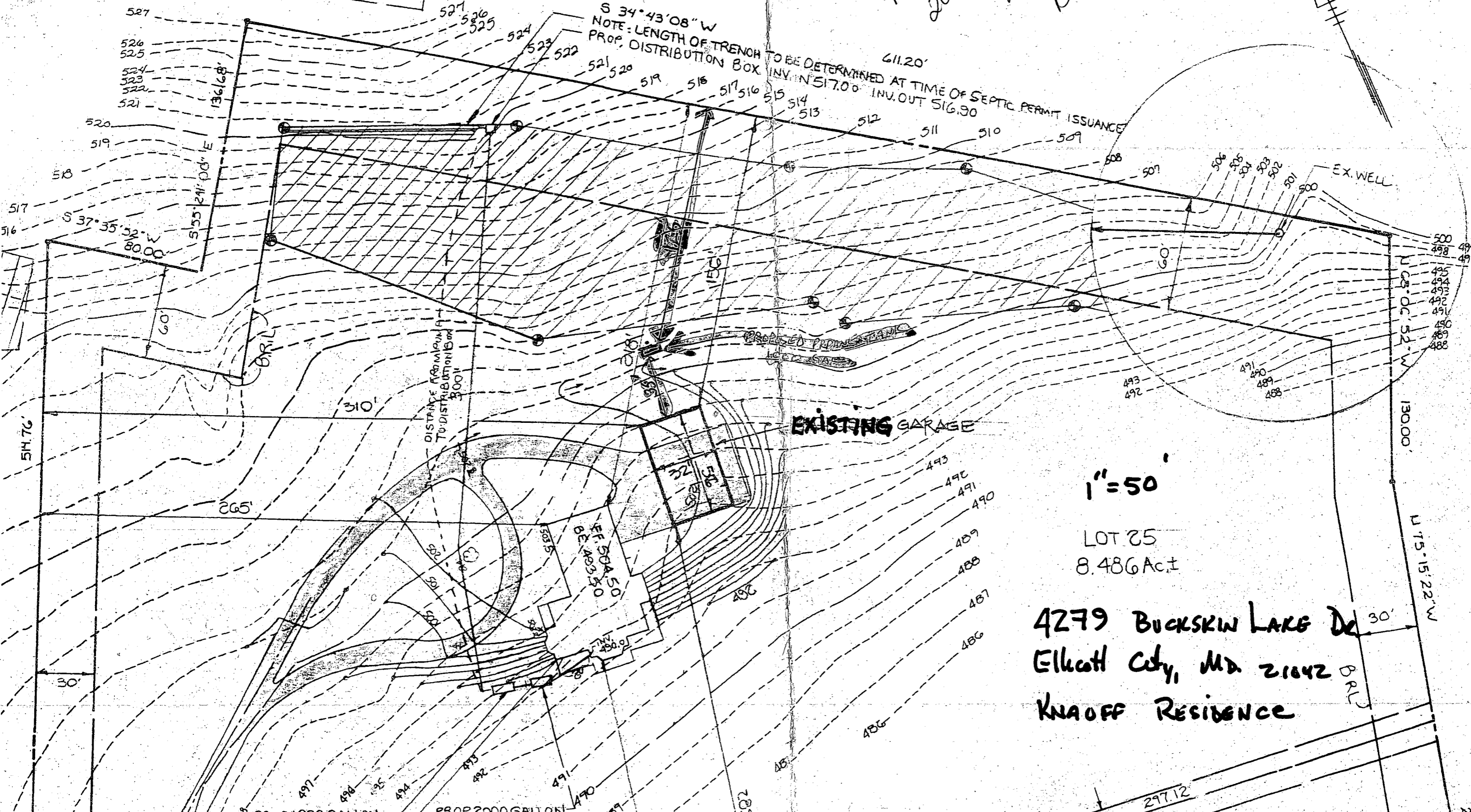
APPROXIMATE  
EXISTING  
PERC AREA

4/7/05  
20' From SDA OK  
LP tank loc  
B00152932  
KN

S 34°43'08" W

NOTE: LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE  
PROP. DISTRIBUTION BOX INV. N 517.00  
INV. OUT 516.90

611.20'



1" = 50'

LOT 25  
8.486 Ac.±

4279 BUCKSKIN LAKE Dr  
Elkoth City, MD 21042  
KNAOFF RESIDENCE

297.12

