

5/31/89 ASAP

no #

PERMIT

P 44619

SEWAGE DISPOSAL SYSTEM

A 38263

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 5th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 4/28/89

DATE SYSTEM APPROVED 5-31-89

INSPECTOR S. W.

Jack Fyock

IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION Buckskin West ROAD 4221 Buckskin Wood Dr. LOT 9

PROPERTY OWNER James Mengel

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 - 180 sq. ft. per bedroom. 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 - Start the first trench 270 feet off the front 367.04' lot line and 245 feet from the left 696.99' lot line as seen when facing the lot from Right-of-way. Run trenches on contour toward the left lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/CW

PLANS APPROVED BY Sid Abel DATE 4/06/89

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

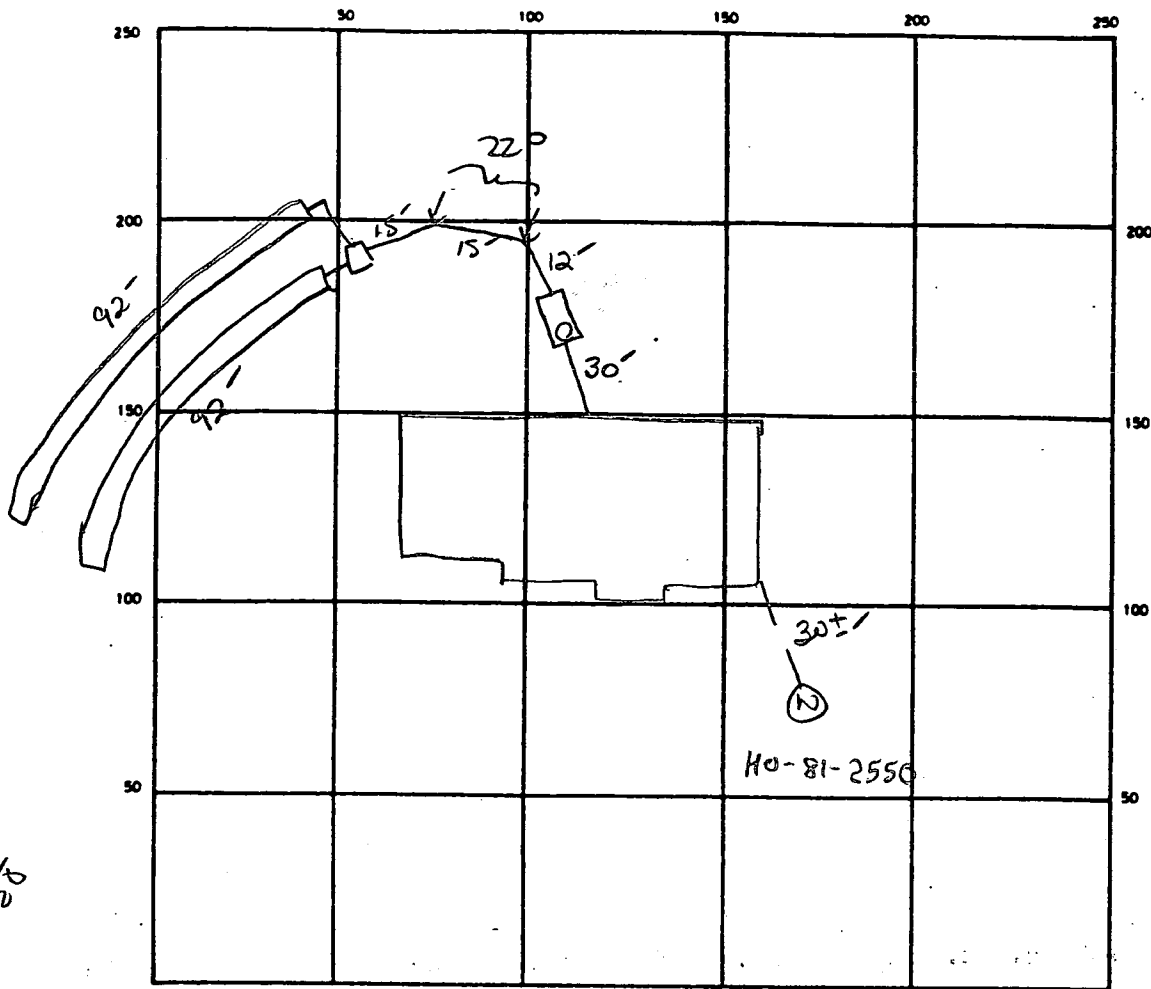
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BUILDING PERMIT SIGNED AND RETURNED 8/6/2002
B00137753 SUNROOM (ENCLOSE DECK)

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

38263



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

380
7/8
70

SEPTIC TANK LEVEL 1250 GAL ✓ CLEANOUTS ✓

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD TILE FIELD. DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 92-92 TLF 184 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 736 SQ. FT.

DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 736 SQ. FT.

BUILDING PERMIT SIGNED AND RETURNED

REMARKS

DATE SYSTEM APPROVED 5-31-89 INSPECTOR S. Abel

APPLICATION

PERCOLATION TESTING

A 38263

P _____

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

DISTRICT _____

DATE 12/16/86

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 William G Floyd + Joel Abrams + James Mengel

ADDRESS 5413 Wild Turkey Lane PHONE 730-3251

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Buckskin West LOT NO. 9 ✓

ROAD AND DESCRIPTION Route 32 4221 BUCKSKIN WOOD PR.

TAX MAP 22 PARCEL # 283

SIZE OF LOT 4.43 acres 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.

Mark D. Keil
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Deep funds DATE 12-22-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5-6-87 Pac Sanitary; HOLD FOR PRAT. S. Abel

BOG. PERMIT SIGNED
AND RETURNED 12-22-88

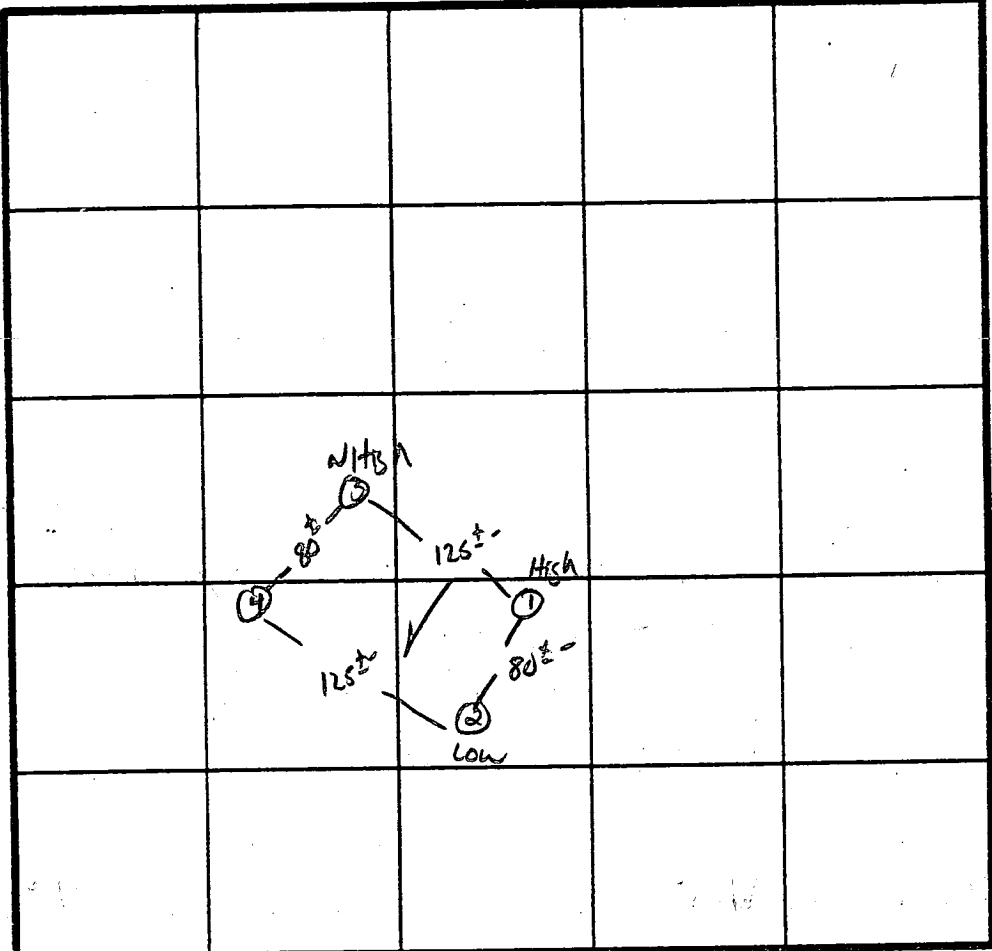
B# 23062 MC

THIS IS NOT A PERMIT

① - ④
SOIL PROFILE

A1-3
Yellow Red
Silt loam
9-12% clay
10% frags

R1D BR
Highly
micaceous
Silt loam
20% frags



\bar{x} Perc 7 min
170 #/BL
INLET 4
BOTTOM 8'

12-13'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Re 32

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/10/87	1 S V	4.5' 13" UNIFORM Soil	10:17	10:18 below	10:18	10:20	2min
	2 S V	4" 13" UNIFORM Soil	10:20	10:30 below	10:30	10:48	18min
	3 V	12" UNIFORM Soil		below 4"			
	1 M	8'	10:21	10:22	10:22	10:25	3min
	4 S V	4.5' 12.5" UNIFORM Soil	10:28	10:29 below	10:29	10:33	4min

REMARKS PER PLAT PROVIDED

TYPE OF SOIL Glendg

TESTED BY S. Abel ALSO PRESENT D-KETTERMAN

EH-12-1079

B 7 1904 SEQUENCE NO. (OEP USE ONLY)
1 2 3 4 5 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

HO-81-2550
70 fill in this form completely 79

Date Received

012189

OWNER INFORMATION

Abramson T. J. E. I.
15 Last Name Owner First Name 34

2500 Starrett Pl. Suite 300
36 Street or RFD 55

Annapolis Md 21404
57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Robert W. Reichart
Driller's Name 77 License No. 80

Wm. W. Reichart Inc.
Firm Name

1775 Baltimore Pike Hanover PA 17331
Address

Robert W. Reichart 11/1/88
Signature Date

B 3

LOCATION OF WELL

Howard
8 COUNTY 21

Buckskin Wood
23 SUBDIVISION 42

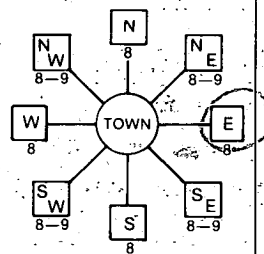
SECTION 44 46 LOT 9 48 50

Glen Ridge
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in-town) 1.5 MI
73 76 77 78

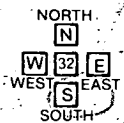
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Buckskin Wood Dr
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



1800
34 DISTANCE FROM ROAD 37

ENTER FT or MI 17
38 39

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500
14 20

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 A 38263
COUNTY NAME COUNTY NO.

OEP SIGNATURE DATE ISSUED
STATE HEALTH INSERT S 41

021189 B. Nilon 08/11/88
43 CO SIGNATURE 48 EXP. DATE

NORTH GRID 516000 EAST GRID 0806000
50 55 57 63

APPROXIMATE DEPTH OF WELL 250 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH
NEAREST INCH

METHOD OF DRILLING (circle one)

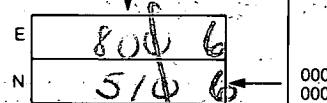
- BORED (or Augered) JETTED Jetted & DRIVEN
- AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
- CABLE REVERSE-ROTARY Drive-POINT
- other _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

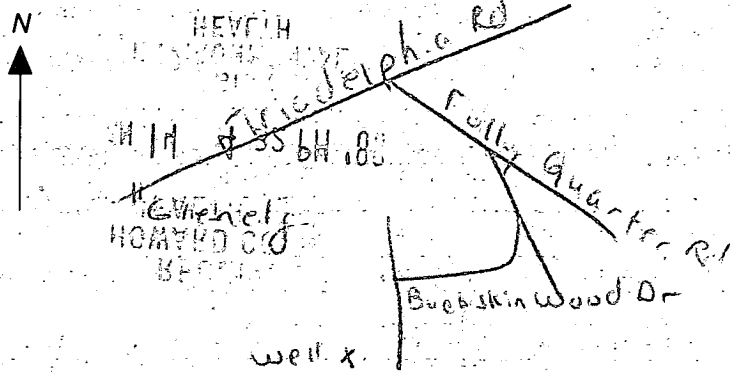
SOURCES OF DRILLING WATER

1. Approved well
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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



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 WRITE INITIALS IN BOX PERMIT No. HO-81-2550
87 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
ELICOTT CITY, MD.
JAN 14 1 23 PM '88

- ① 39 FT open hole measured with a string
- ② 42 ft casing ft out of ground
- ③ 14 Bags us
- ④ Location *OK*

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
JAN 14 4 32 PM '88
230 PM
2/26/88
B. J. [Signature]

C1 2185 (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 38263

DATE RECEIVED

DATE WELL COMPLETED 22018

DEPTH OF WELL 250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-81-2550

OWNER ABRAMSON, STREET OR RFD BUCKSKIN WOODS DRIVE, TOWN GLENELG, SUBDIVISION BUCKSKIN WEST, SECTION, LOT 7

WELL LOG table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Includes entries for rolling gravel, brown schist, water, gray schist, etc.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 14, NO. OF POUNDS 1344

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE ST, Nominal diameter 4, Total depth of main casing 111

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

SCREEN RECORD: screen type or open hole insert appropriate code below, HO, DEPTH (nearest ft.) 41

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

PUMPING TEST: HOURS PUMPED 6, PUMPING RATE 4, MEASURE PUMPING RATE watch bucket, TYPE OF PUMP USED S (submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

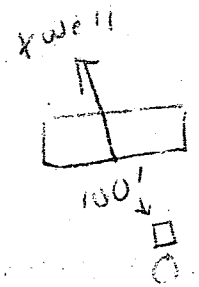
DRILLERS IDENT. NO. 353, DRILLERS SIGNATURE

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.), WQ, 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)



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2550
 Location of property (road) BUCKSKIN WOODS DR.
 Subdivision BUCKSKIN WEST Lot 9 Block Plat Sec.
 Well Driller WILLIAM REICHAERT Owner ABRAMSON, JOSE

Depth of well 250'
 Distance of measuring point (M.P.) above ground surface
 Static water level (S.W.L.) below M.P. 50'

I. High rate pumping -- reservoir drawdown

Time pump started 8:45 Pumping rate 9 gpm
 Total time 2 hrs. to reach pumping water level 215' 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:45	50'	33.3 sec		9
9:00	120'	33.3 sec		9
9:15	135'	33.3 sec		9
9:30	145'	33.3 sec		9
9:45	160'	33.3 sec		9
10:00	180'	37.5 sec		8
10:15	200'	37.5 sec		8
10:30	215'	42.8 sec		7
10:45		75 sec		4
11:00				
11:15				
11:30				
11:45				
12:00				
12:15				
12:30				
12:45				
1:00				
1:15				
1:30				
1:45				
2:00				
2:15	215'	75 sec		4

3045001
G12 653

Ch B2
643

646

643

625

C9C2

ChA

Ch B2

LOT 2

LOT 1

G. WILLI.
TAX MAP 22
PARCELS 283
LOTS 7, 8, & 9
SCALE 1"=200'

ROAD
EASEMENT

LOT 11

LOT 12

LOT 7
3.74AC
C9C2

PROPOSED
PERL

50
EKD2

LOT 9
4.43AC

PROPOSED
PERL

LOT 8
3.29AC

PROPOSED
PERL

Ch B2

LOT 15

C9C2

C9B2

600
C9C2

32

COUNTY & STATE
GARAGES
C9B2

MID3

C9B2

ChA
589

Ch B2

Ch B2

574

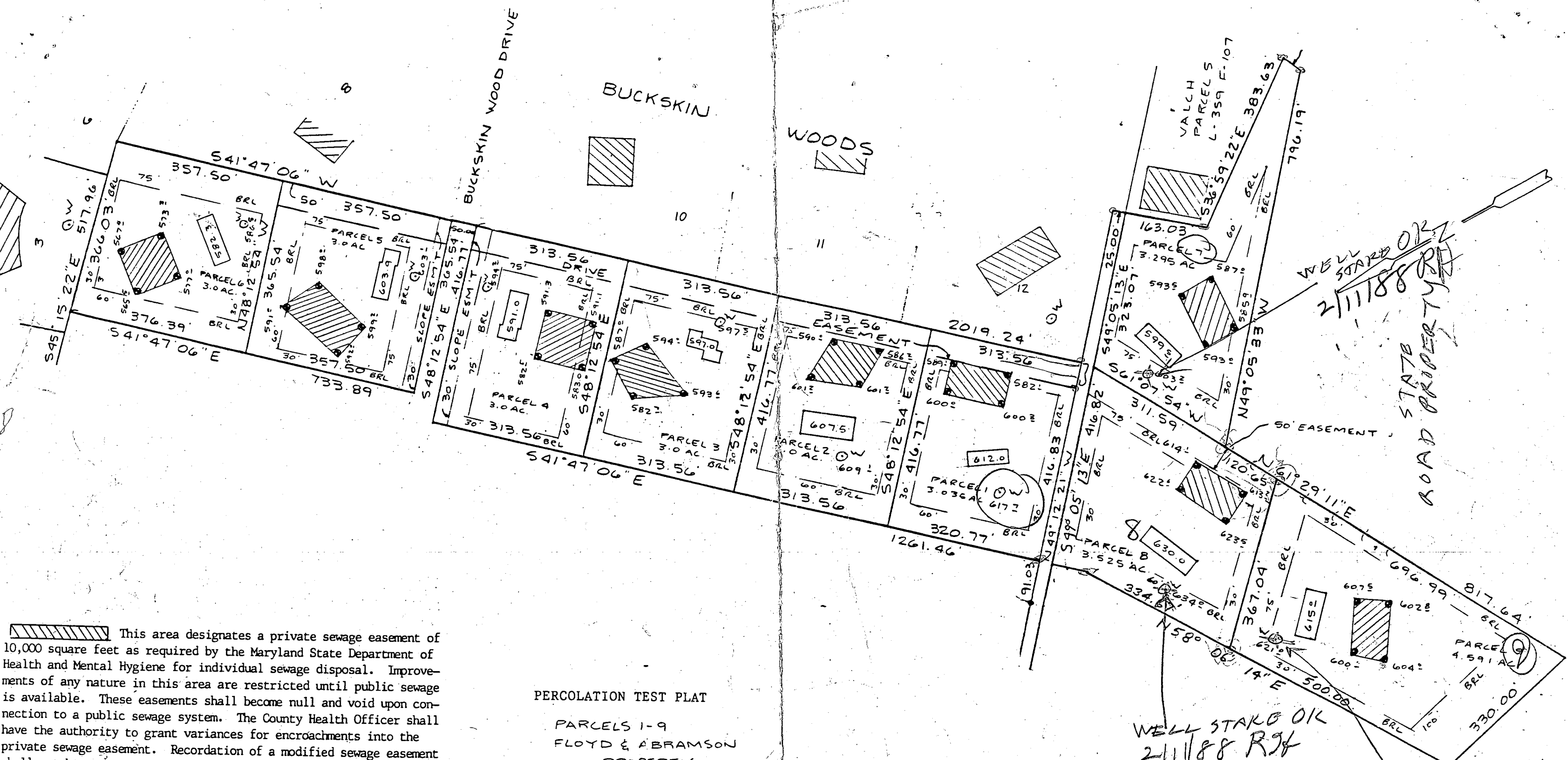
575


575

575

588

75



 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 encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "●".

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.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

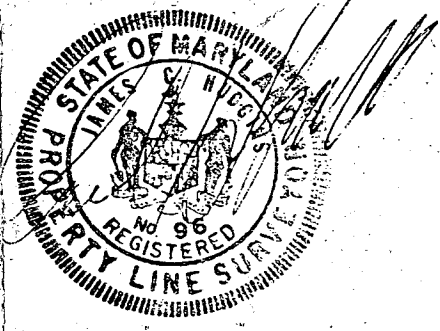
APPROVED: For Private Water and Private Sewage Systems

Joseph J. ...
 County Health Officer 8-11-87
 Date

PERCOLATION TEST PLAT
 PARCELS 1-9
 FLOYD & ABRAMSON
 PROPERTY

5TH Election District
 Howard County, Maryland
 Scale 1"=200'
 Date 07/29/87

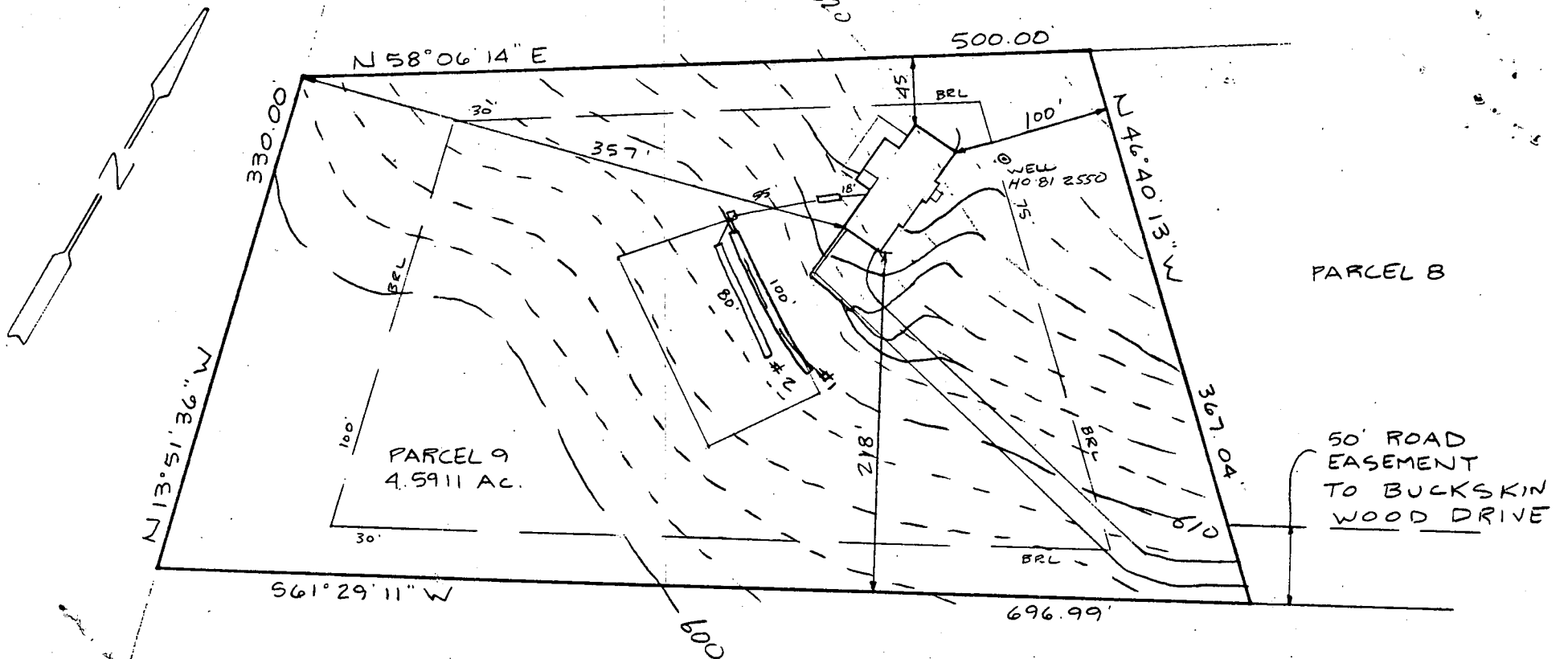
NTT Associates, Inc.
 16205 Old Frederick Road
 Mt. Airy, MD 21771
 (301) 442-2031



WELL STAKE OIL
 2/11/88 RJK

WELL STAKE OIL
 2/11/88 RJK

WELL STAKE OIL
 2/11/88 RJK
 ROAD STATE PROPERTY



PARCEL 8

50' ROAD EASEMENT TO BUCKSKIN WOOD DRIVE

PLOT PLAN
PROPERTY OF
JIM MENGEL
PARCEL # 9

TAX MAP #22 BLK.#21 PARCEL
5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE 1"=100' DATE 10/20/88

House:

FIRST FLOOR	624.0 ✓
BASEMENT	615.0 ✓
INVERT	608.38 ✓

DISTRIBUTION BOX:

EXISTING GRADE	610.2 ✓
INVERT IN	607.2 ✓
INVERT OUT	607.1 ✓

SEPTIC TANK:

EXISTING GRADE	615.0 ✓
INVERT IN	608.02 ✓
INVERT OUT	607.77 ✓
PROPOSED GRADE	614.5 ✓

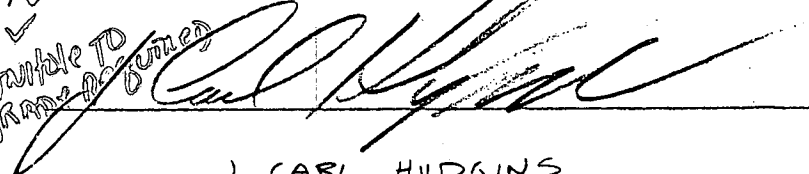
TRENCHES:

	#1	#2
EXISTING GRADE	610.0 ✓	609.0 ✓
INVERT	607.0 ✓	606.0 ✓
BOTTOM	603.0	602.0
STONE	4.0 ✓	4.0 ✓
WIDTH	2.0 ✓	2.0 ✓
LENGTH	100.0 ✓	80.0 ✓

1' shallow on cont

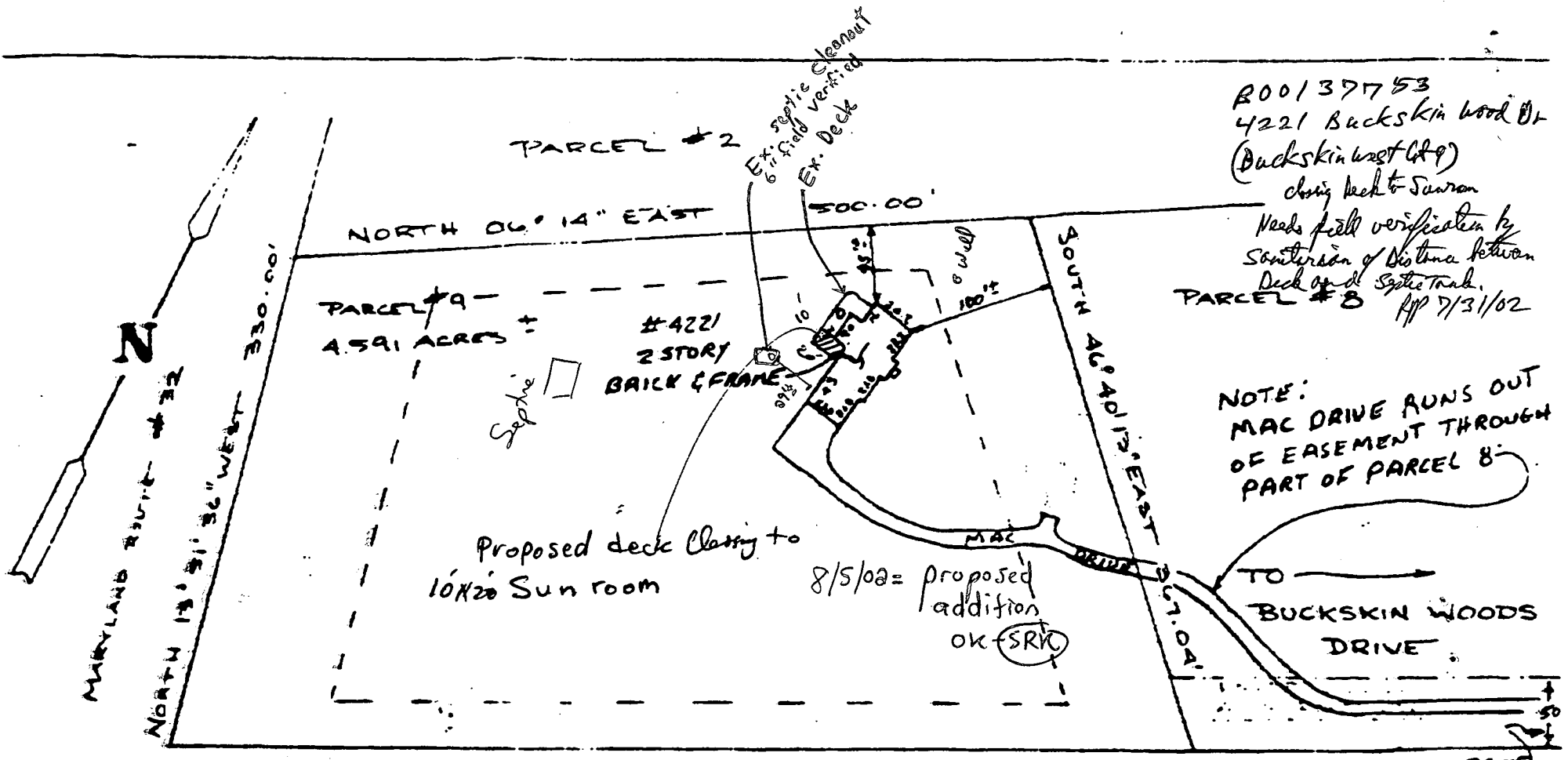
OR 40' W/ DISPOSAL

I certify that the above measurements and elevations are actual and true for this property.

multiple TO GRADY DOCUMENTED

J. CARL HUDGINS

BDDG. PERMIT SIGNED
AND RETURNED 12-22-88
BP 23062
SAL

MAY 23 - 02 06:10 PM HIRYAT A KHAN MD +10204420



R00137753
 4221 Buckskin Wood Dr
 (Buckskin West Ct 9)
 change back to Sunroom
 Needs field verification by
 Sanitation of Distina between
 Deck and Septic tank.
 RPP 7/31/02

NOTE:
 MAC DRIVE RUNS OUT
 OF EASEMENT THROUGH
 PART OF PARCEL #8

Proposed deck change to
 10'x20' Sun room

8/5/02 = proposed
 addition
 OK (SRK)

DRIVE
 EAST
 Boundary
 along other
 LOTS TO
 Roadway
 BY L-1774
 F-0283

Subject property is shown in PLAT # 6
 on the National Plant Inspection Program
 Plant Inspection Site Map of HOWARD
 County, Maryland. Page 8 of 21 of 45
 County Parcel # 240044
 Effective Date: 12-4-86

HOWARD COUNTY
 L-1075 F-270

NOTE THAT ALL FENCING LOCATIONS ARE APPROXIMATE AND ARE NOT GUARANTEED WITHOUT A STATE SURVEY BEING DONE...
 NO REPORT SUPPLIED FOR THIS SURVEY - FENCING INDICATED BY * WITH ACCESS POINT UNLESS OTHERWISE NOTED

This is to certify that I have surveyed the property
 known as LOT # PARCEL #9, AS DESCRIBED IN
 DEED AND ATTACHED PLAT (L-1774 AT F-028)
 sheet of recorded BI-2345 PLT 0643 among the
 Land Records of HOWARD County, Maryland for the
 purpose of locating the improvements thereon.



LOCATION SURVEY

4221 BUCKSKIN WOODS DRIVE
 5TH ELECTION DISTRICT
 HOWARD COUNTY MARYLAND

BY ASSOCIATES, PC
 16205 Old Frederick Road
 Ft. Detrick, Maryland 21721
 Phone 410-771-1111
 Scale 1" = 100'
 Date 08-12-02
 Surveyor: [Signature]
 State: [Signature]

THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS ARE
 LOCATED WITHIN THE BOUNDARIES OF THE LOT AND IS
 NOT TO BE USED TO ESTABLISH PROPERTY LINES.

port a-pots

th B is an

its 280 is prob
by th BO

1/30/02

recently built sunroom BOO?

