

4/12/88 AM

05-404711

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 41400

A 37690

DISTRICT 5th

DATE 4/5/88

DATE SYSTEM APPROVED 4/12/88

INSPECTOR RH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

Robert Willet IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE _____

SUBDIVISION Buckskin West ROAD 4220 Buckskin Wood Dr LOT Parcel 5

PROPERTY OWNER Robert Willet Bob & Christie Willett

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

Add. Con - Swimming Pool
BLDG. PERMIT SIGNED
AND RETURNED 4-9-96
Serial # 64229

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. ~~In~~ at 2½ feet below original grade. Bottom maximum depth 8½ feet below original grade. Effective area begins at 2½ feet below original grade. 6 feet of stone below distribution pipe.

LOCATION - Start first trench 235 feet from the 548°12'54"E lot line that adjoins Parcel 6 and 250 feet from the S 41°47'06"W lot line that adjoins Lot 8. Run trenches along contour toward Parcel 6.

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 C. Williams DATE 4/16/87

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 TRENCH(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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.

BLDG. PERMIT SIGNED
AND RETURNED 5/24/95
Serial # 59795 - deck

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.

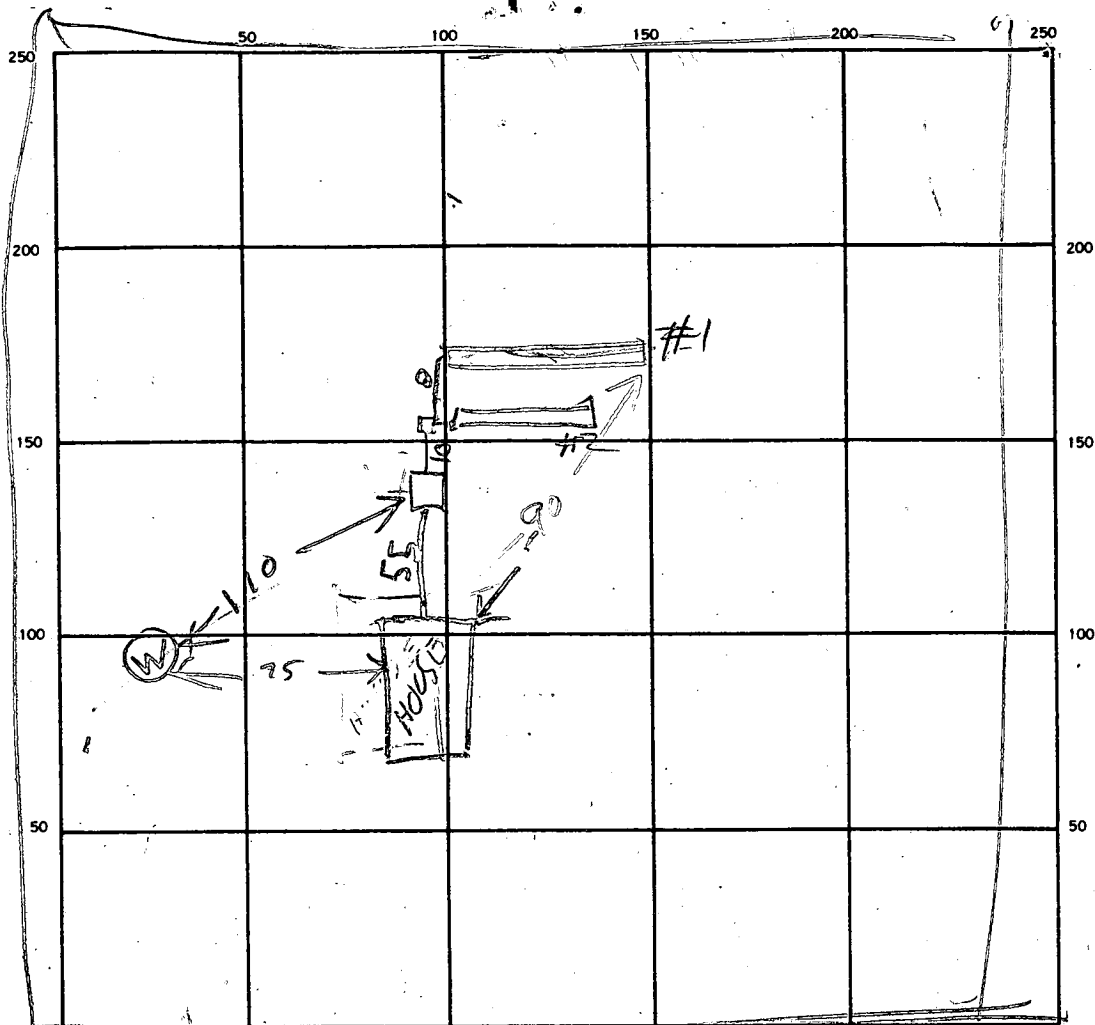
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 37690



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE:

← TO QUONSETT WOODS DRIVE

SEPTIC TANK. LEVEL 1500 CLEANOUTS ST OK

DISTRIBUTION BOX. LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH $\frac{1}{2}$ 25.25 FT. TRENCH WIDTH 2 FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH $\frac{1}{2}$ 6.18 FT. TOTAL LENGTH 76.50 INSTALL/REPAIR

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 768 SQ. FT. 720

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 4/12/88 LOCATION OR PERP PLAN TRENCH #1

DUG ADD STONE TO TRENCH #1 DIG TRENCH #2

4/12/88 OK TO COVER TRENCH #1 & HOUSE SEWER

FINISH DIGGING TRENCH #2

4/12/88 JOB FINISHED

DATE SYSTEM APPROVED 4/12/88 INSPECTOR B. Hodges

APPLICATION

PERCOLATION TESTING

A 37690

P _____

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

DISTRICT _____

DATE 9/22/86

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 John Abramson Robert Willet

ADDRESS 40 Donald Reamer PHONE 465-5855

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Buckskin West LOT NO. 5

ROAD AND DESCRIPTION 4220 BUCKSKIN WOOD DR - EXTENDED

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3 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.

(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abel FOR deep trenches DATE 8-19-87

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

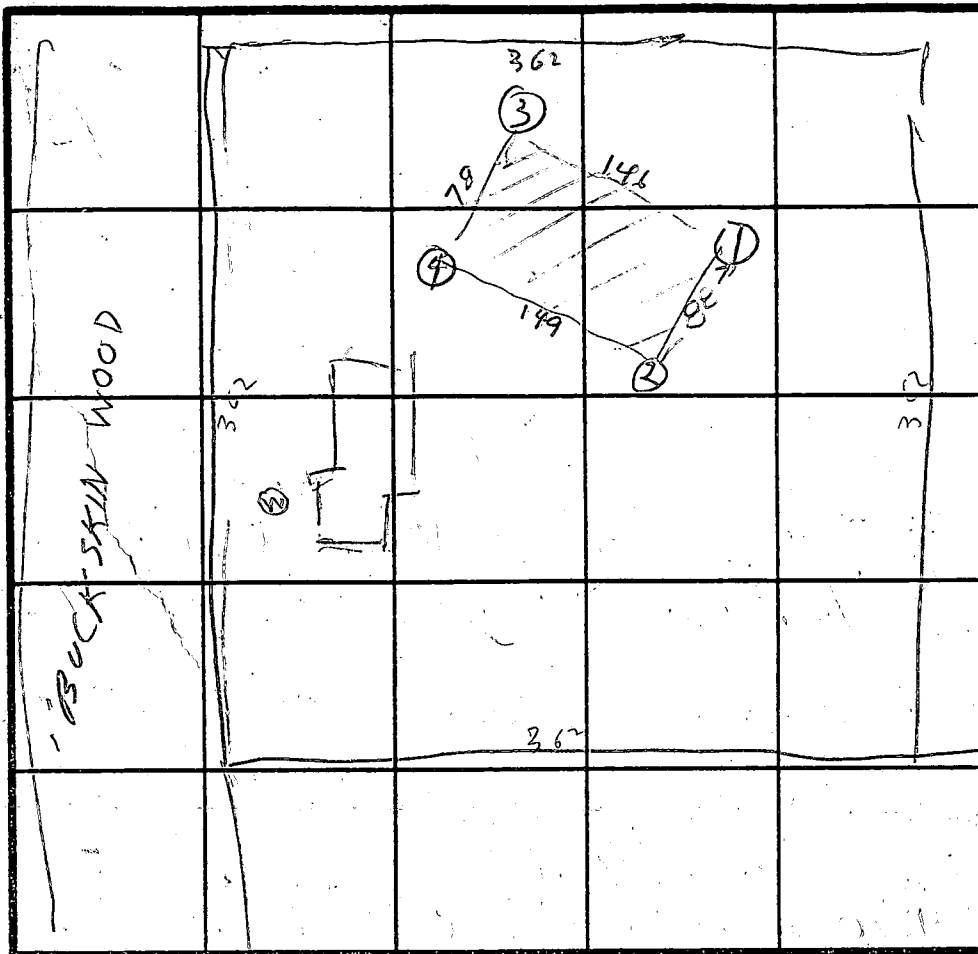
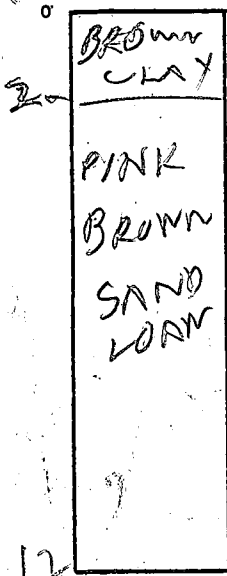
REASONS FOR REJECTION OR HOLDING 9/24/86 - PERC OK HOLD FOR PLAT RA

BLDG. PERMIT SIGNED
AND RETURNED 8/19/87

BP B606 8/19/87

THIS IS NOT A PERMIT

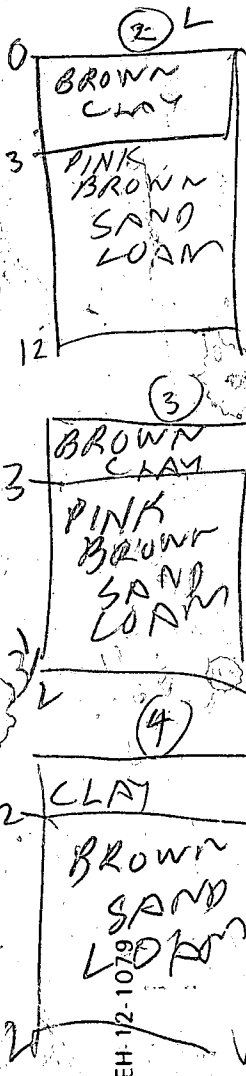
SOIL PROFILE



HOLE ELEVATIONS

②④ = HIGH
①③ = LOW

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/24/86	1S	3	1107	1100	1108	1109	1
	1V	12	OK				
	2S	4	1125	1126	1126	1134	8
	2V	12	OK				
	3S	4	1145	1146	1146	1148	2
	3V	13	OK				
	4S	3 1/2	1159	1201	1201	1204	3
	4V	12	1208	1209	1209	1211	2
	4V	12	OK				

AV TIME 3 MIN
MAX DEPTH 3 FT

NO NEED FOR DETAILED SOIL PROFILE
REMARKS ONE EXTRA HOLE IN MIDDLE OF AREA BECAUSE SOIL IS CONSISTENT PER R HODGES

TYPE OF SOIL _____
TESTED BY R HODGES
ALSO PRESENT G. J. R. SCHUBORN & KETTERMAN 4P

B 1 2179 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

please print or type.

OEP PERMIT NUMBER

40-81-1902
fill in this form completely

Date Received

8 13

OWNER INFORMATION

WILET ROBERT
15 Last Name Owner First Name 34

4665 CLYDESDALE CT
36 Street or RFD 55

ELLICOTT CITY MD 21043
57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Ralph MAYNE 273
Driller's Name 77 License No. 80

Ralph MAYNE (well drillers)
Firm Name

9120 Brown Church Rd Mt. Airy
Address

Ralph Mayne 12/12/86
Signature Date

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)

APPROXIMATE DEPTH OF WELL 150 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6" 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

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) 41

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

APPROX. PERMIT NUMBER GAP

FORCE 4a WRITE INITIALS IN BOX PERMIT No. 40-81-1902

SPECIAL CONDITIONS 992-8511

LOCATION OF WELL

HOWARD
8 COUNTY 21

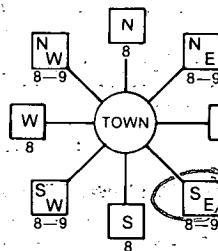
BUCKSKIN ~~STREET~~ WEST
23 SUBDIVISION 42

SECTION 44 46 LOT 5 48 50

GLEWELG
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1 MI
73 76 77 78

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



BuckSKIN DR.
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 34 37

ENTER FT or MI 38 39

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A37690 COUNTY NO.

OEP SIGNATURE DATE ISSUED

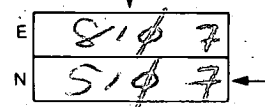
02/1/87 B. N. N. 08/11/87
43 48 GO SIGNATURE 0 EXP. DATE

NORTH GRID 517000 EAST GRID 0817000
50 55 57 63

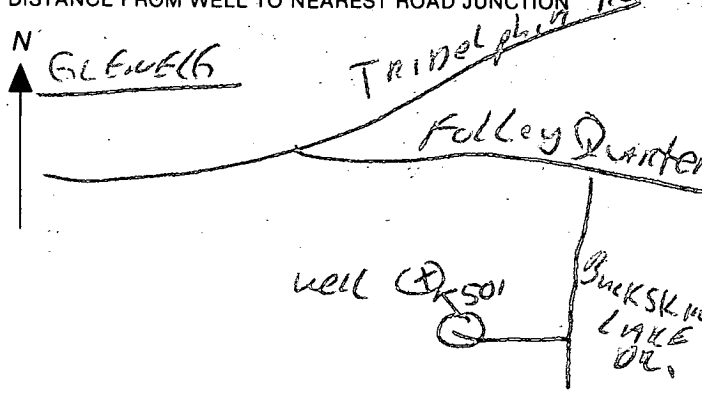
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

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

WRITE THE BOX NUMBER FROM THE MAP HERE



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



4/10/87

location OK (adjusted)

63' casing (2' above)

40' open hole

14 bags

1 dry hole filled in
(4 bags)

RECEIVED
DIVISION OF
ENVIRONMENTAL
HEALTH

APR 18 8 52 AM '87

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

4/13/88

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

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement Receipt # _____ Date _____

Name of Installer Dean Smith Telephone 876-6880
Carroll Water Systems

License Number _____ Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner _____ Telephone _____
Subdivision Buckskin Lake Lot # 5-See 2 Well Tag # 40-91-1900
Site Address 4220 Buckskin Wood Drive

Pump	Motor	Pitless Adapter
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 _____		

Tank	Piping	Well data
1. Capacity _____	1. Type _____	1. Depth _____ ft.
2. Pressure relief valve? _____	2. Size _____	2. Yield _____ GPM
	3. NSF and/or BOCA Code approved _____	3. Static water level _____ ft.
	4. Depth of supply line _____	4. Will water supply be disinfected by installer? _____

4-13-88 well line completely covered, R. Hodges inspected 4-12-88. JEN

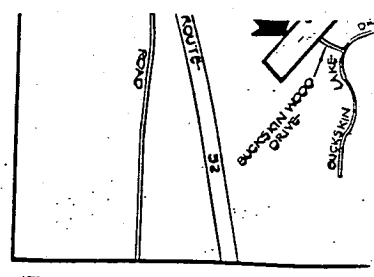
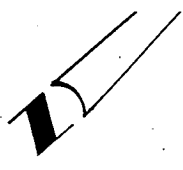
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: _____

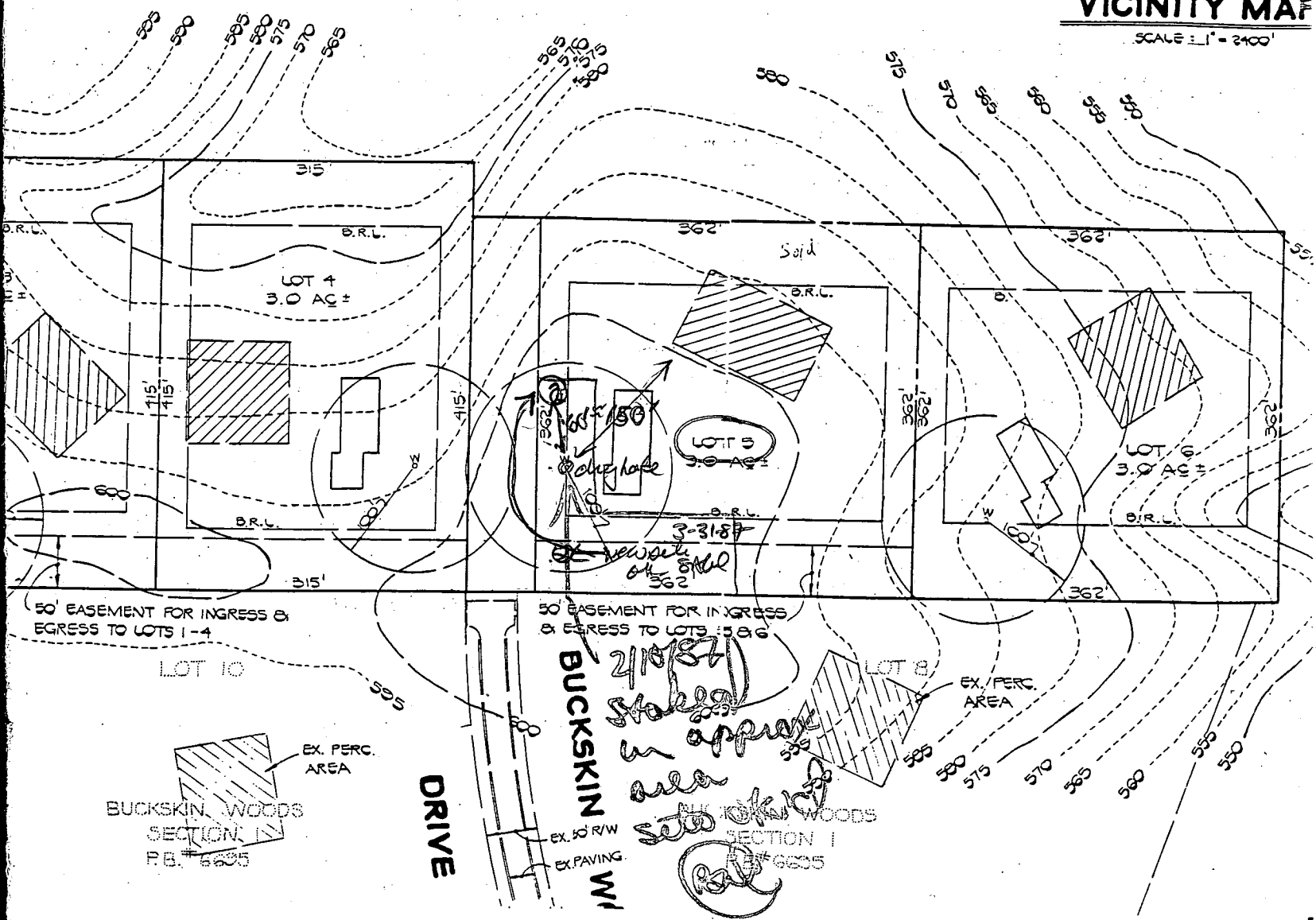
Date: _____

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



VICINITY MAP

SCALE 1" = 2400'



50' EASEMENT FOR INGRESS & EGRESS TO LOTS 1-4

50' EASEMENT FOR INGRESS & EGRESS TO LOTS 5 & 6

BUCKSKIN WOODS SECTION IV P.B. 6635

BUCKSKIN WOODS SECTION I P.B. 6635

DRIVE

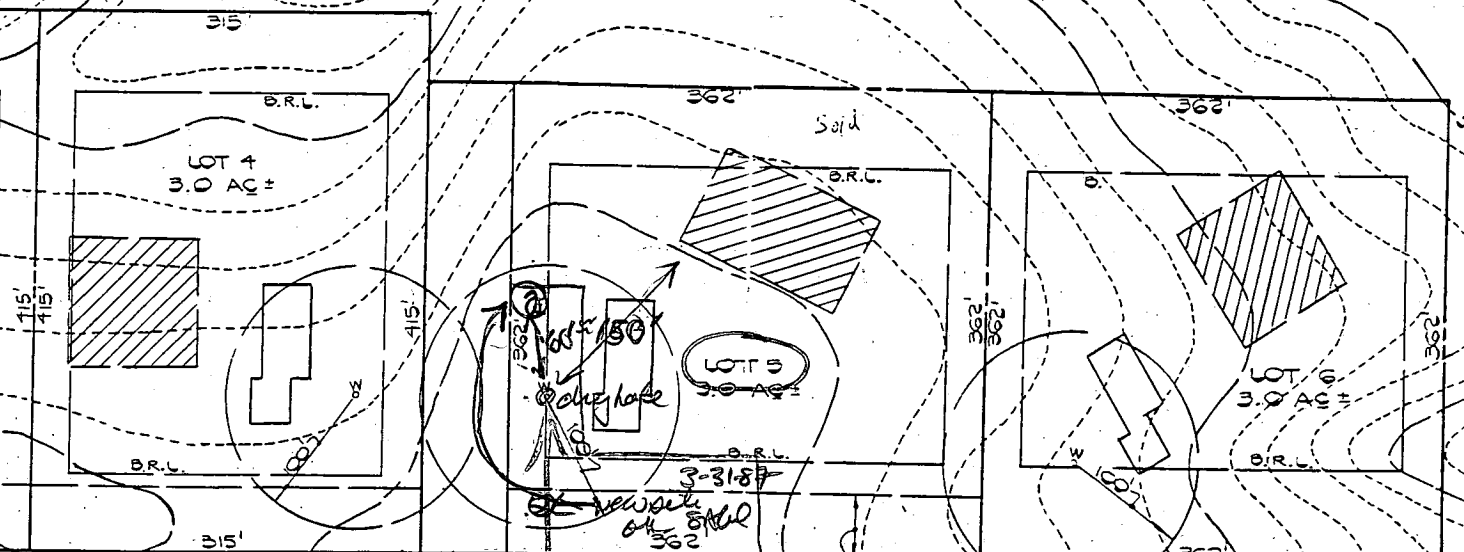
BUCKSKIN DRIVE

211/187
stalled
in approx area set to be built
est

EX. 50' R/W
EX. PAVING

EX. PERC. AREA

EX. PERC. AREA



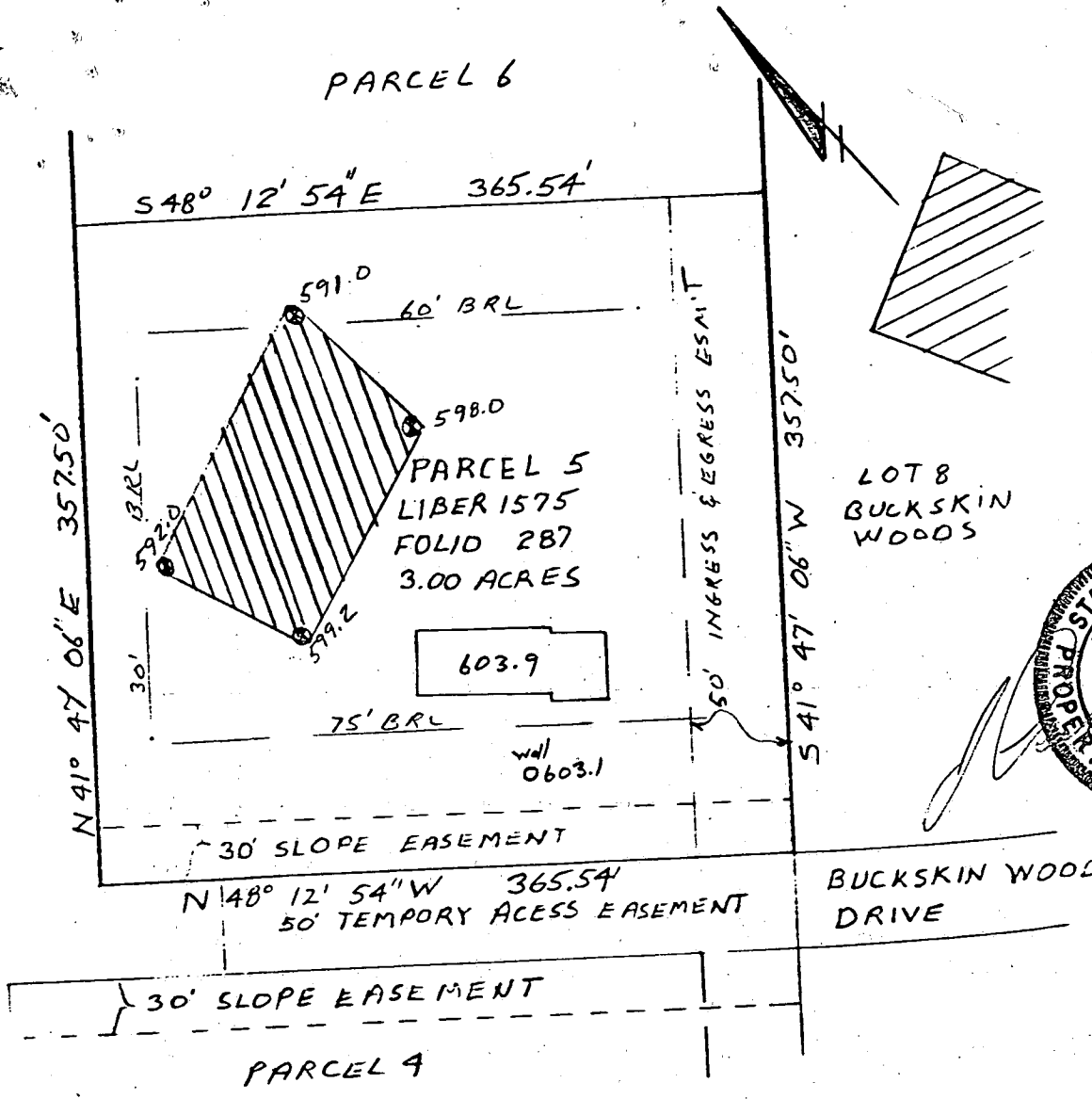
LOT 4
3.0 AC ±


LOT 5
3.0 AC ±

LOT 6
3.0 AC ±

LOT 10

LOT 8



 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

James C. Hudkins 2-11-86
 County Health Officer Date

PERCOLATION TEST PLAT
 ABRAMSON & FLOYD
 PROPERTY
 PARCEL 5
 BUCKSKIN
 5th Election District
 Howard County, Maryland
 Scale 1"=100'
 Date 12/24/86

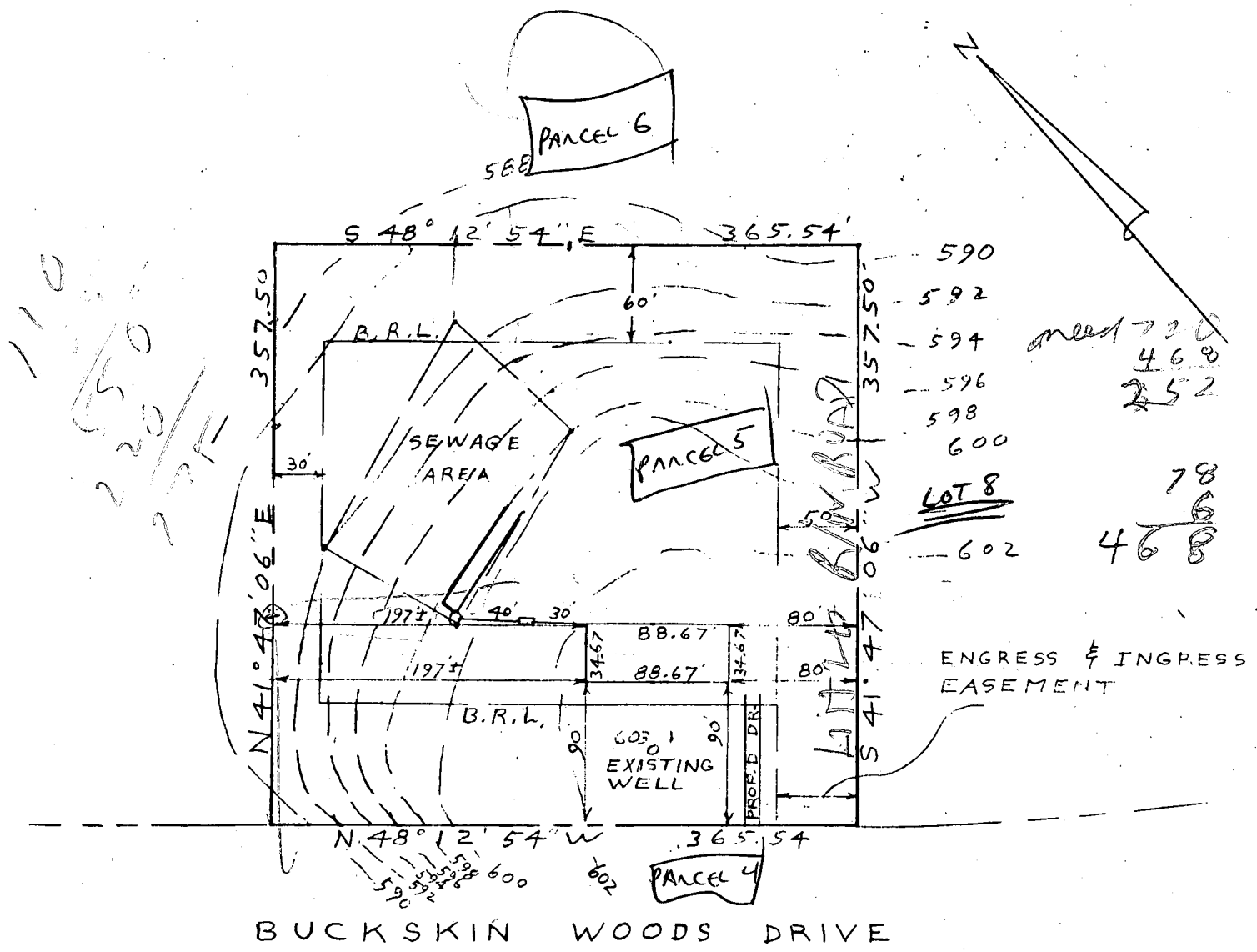
NTT Associates, Inc.
 16205 Old Frederick Road
 Mt. Airy, MD 21771
 (301) 442-2031

William E. Doyle

DUPLICATE

LAND SURVEYOR 8440

5312 EMERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210



BUCKSKIN WOODS DRIVE

PLOT PLAN

EXIST, GRN. AT DISTR. BOX	599.00 ✓
INV. IN DISTR. BOX	595.50 ✓
INV. OUT OF SEPTIC TANK	596.30 ✓
INV. INTO SEPTIC TANK	596.70 ✓
INV. OUT OF DWELLING	597.30 ✓
FIRST FLOOR ELEV.	606.00 ✓
CELLAR ELEV.	597.00 ✓
WELL ELEV.	603.10 ✓
NO. OF BEDROOMS	4 ✓
ACREAGE	3.00 ACRES ✓

PARCEL 5, BUCKSKIN WOODS DRIVE
 LIBER 1575, FOLIO 287
 SECTION DISTRICT 5
 TOWARD COUNTY MARYLAND

SCALE: 1" = 100'
 DRAWN: JUNE 30, 1987

Build aware
 and has a sept
 SMul

8/19/87

8/19/87

I CERTIFY THE ABOVE MEASUREMENTS
 AND ELEVATIONS ARE ACTUAL AND
 CORRECT FOR THIS PROPERTY.

signed William E. Doyle

BLDG. PERMIT SIGNED
 AND RETURNED 8/17/87

BP13606



elevations
 ok, Trunchs
 show OK for 4BL
 w/o dispsal

SMul

Doyle

LAND SURVEYOR 8440

HERALD DRIVE SYKESVILLE, MARYLAND 21784 PHONE (301) 795-2210

59795
DLZ ok
Kent

Buckskin Wood Dr.

LOCATION SURVEY

#220 BUCKSKIN WOOD DRIVE
LIBERTY 15.75, FOLIO 287
ELECTION DISTRICT 5
HOWARD COUNTY MD.

Robert & Christy Kent

410-531-6955

305.54

LIBERTY 15.75, FOLIO 614

BEL

RESTRICTION LINE

LOT 5

3.00 ACRES

127'±

REAR

NEW DECK

EXISTING PATIO
5/24 yes

165'±

65 ST. CO
5/24/95

121'
GRAVEL DRIVEWAY

22'±

FRONT

Well Muddy cat No seen
5/24/95

RESTRICTION LINE

365.54

1/2 MILE TO BUCKSKIN WOOD DRIVE
FOLLY QUATER ROAD

THIS IS TO CERTIFY THAT WE HAVE MADE A LOCATION SURVEY OF THE IMPROVEMENTS, AND THAT THEY ARE LOCATED ON THE LOT AS SHOWN HEREON.

Signed This 12th day NOV 1995

William S. Doyle

NOTE: This plat cannot be used to establish property lines or corners.

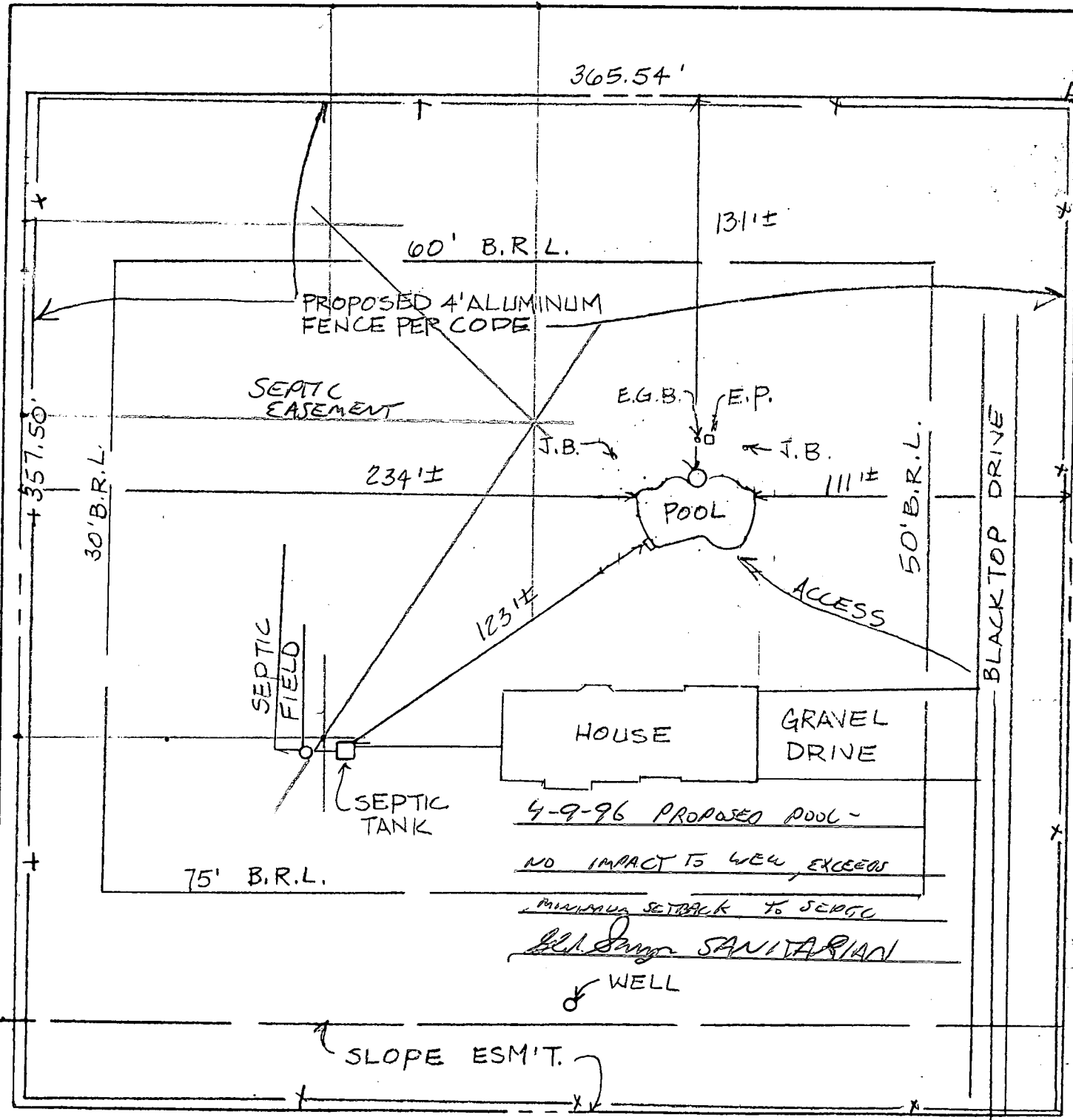
Done
Needs Field check
Done 5/24/95 PM

ok For
B.P. 59795
ok added info in field

2 C.O. 4/12/88

C.B. 5/24/95

2 HOURS OF ANY ADDITIONAL HO



4-9-96 PROPOSED POOL -
 NO IMPACT TO WELL EXCESS
 MINIMUM SETBACK TO SEPTIC
 S.A. SANITARIAN
 WELL

SCALE: 1" = 50'

BUCKSKIN WOOD DRIVE

C1 3845

SEQUENCE NO. (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-37690

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED 04/08/87

DEPTH OF WELL 305 (TO NEAREST FOOT)

PERMIT NO. 40-KI-1190

OWNER: WILLET ROBERT (last name, first name) STREET OR RFD: BUCKSKIN WOOD DR. TOWN: GLANVILLE SUBDIVISION: BUCKSKIN WEST SECTION: LOT 5

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows: Top Soil (0-2), Sandy Sandstone (2-50), Mica (50-55), Sandstone (55-70), Mica (70-75), Sandstone (75-305).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC) NO. OF BAGS: 14 NO. OF POUNDS: 1400 GALLONS OF WATER: 84 DEPTH OF GROUT SEAL (to nearest foot): from 0 to 40 ft.

CASING RECORD

STEEL CONCRETE PLASTIC OTHER (ST, CO, PL, OT) MAIN CASING TYPE: PL Nominal diameter: 6 Total depth of main casing: 63

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

SCREEN RECORD screen type or open hole: HO (STEEL, BRASS, BRONZE, PLASTIC, OPEN HOLE, OTHER) SLOT SIZE: 1 2 3 DIAMETER OF SCREEN: 56 60

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

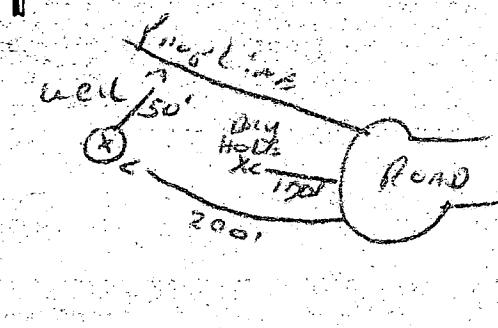
PUMPING TEST

HOURS PUMPED (nearest hour): 6 PUMPING RATE (gal. per min. to nearest gal.): 3 METHOD USED TO MEASURE PUMPING RATE: Becked WATER LEVEL (distance from land surface) BEFORE PUMPING: 35 WHEN PUMPING: 200 TYPE OF PUMP USED (for test): S (air, piston, turbine, centrifugal, rotary, other, jet, 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): 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 (nearest foot): 2

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)



CIRCLE APPROPRIATE LETTER 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 10.17.13 "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. 273

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1900
 Location of property (road) BUCKSKIN WOOD DR
 Subdivision BUCKSKIN WEST Lot 5 Block Plat Sec.
 Well Driller R. MAYNE Owner WILLET, ROBERT

Depth of well 305 FT
 Distance of measuring point (M.P.) above ground 2 FT
 Static water level (S.W.L.) below M.P. 20 FT

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 10.6 G.P.M.
 Total time 45 min to reach pumping water level 200 FT 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 <u>I</u> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:45	200 FT	20 sec	$\frac{60}{3}$	3 G.P.M.
9:00	200	20	$\frac{180}{2}$	3
9:15	200	20	$\frac{360}{255}$	3
9:30	200 FT	20 sec	<u>61.5 gal</u>	3 G.P.M.
9:45	200	20		3
10:00	200	20	$\frac{200}{30}$	3
10:15	200 FT	20 sec	$\frac{170}{15}$	3 G.P.M.
10:30	200	20	$\frac{850}{170}$	3
10:45	200	20	$\frac{170}{2550}$	3
11:00	200 FT	20 sec		3 G.P.M.
11:15	200	20		3
11:30	200	20		3
11:45	200 FT	20 sec		3 G.P.M.
12:00	200	20		3
12:15	200	20		3
12:30	200 FT	20 sec		3 G.P.M.
12:45	200	20		3
1:00	200	20		3
1:15	200 FT	20 sec		3 G.P.M.
1:30	200	20		3
1:45	200	20		3
2:00	200 FT	20 sec		3 G.P.M.
2:15	200	20		3
2:30	200	20		3
2:45	200 FT	20 sec		3 G.P.M.

63 ft PL 40 T open 14 Cages

5" DIA ONLY 1" HOLES