

05-389194

6-13-88
12:00
6-14-88
10 AM

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 41918

A 38259

DISTRICT 5th

DATE 6/9/88

DATE SYSTEM APPROVED 6/14/88

INSPECTOR RH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

Bill Ingram IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 442-2136

SUBDIVISION Vlach Property ROAD 4246 Buckskin Lake Dr LOT Lot 5, Parcel 135

PROPERTY OWNER Tall Pines Construction 429 Sanders Ct

ADDRESS Baith 20877

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 - 190 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY. Beginning from the juncture of the 163.03' & 383.63' lot lines, place 1st trench 105 feet down the 383.63' lot line and 35 feet off the line. Run trench(s) along contour back towards the 163.03' line. NOTE: MAINTAIN MINIMUM 100 FEET FROM WELL TO SEPTIC.

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

PLANS APPROVED BY Bert Nixon DATE 5/07/87

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.

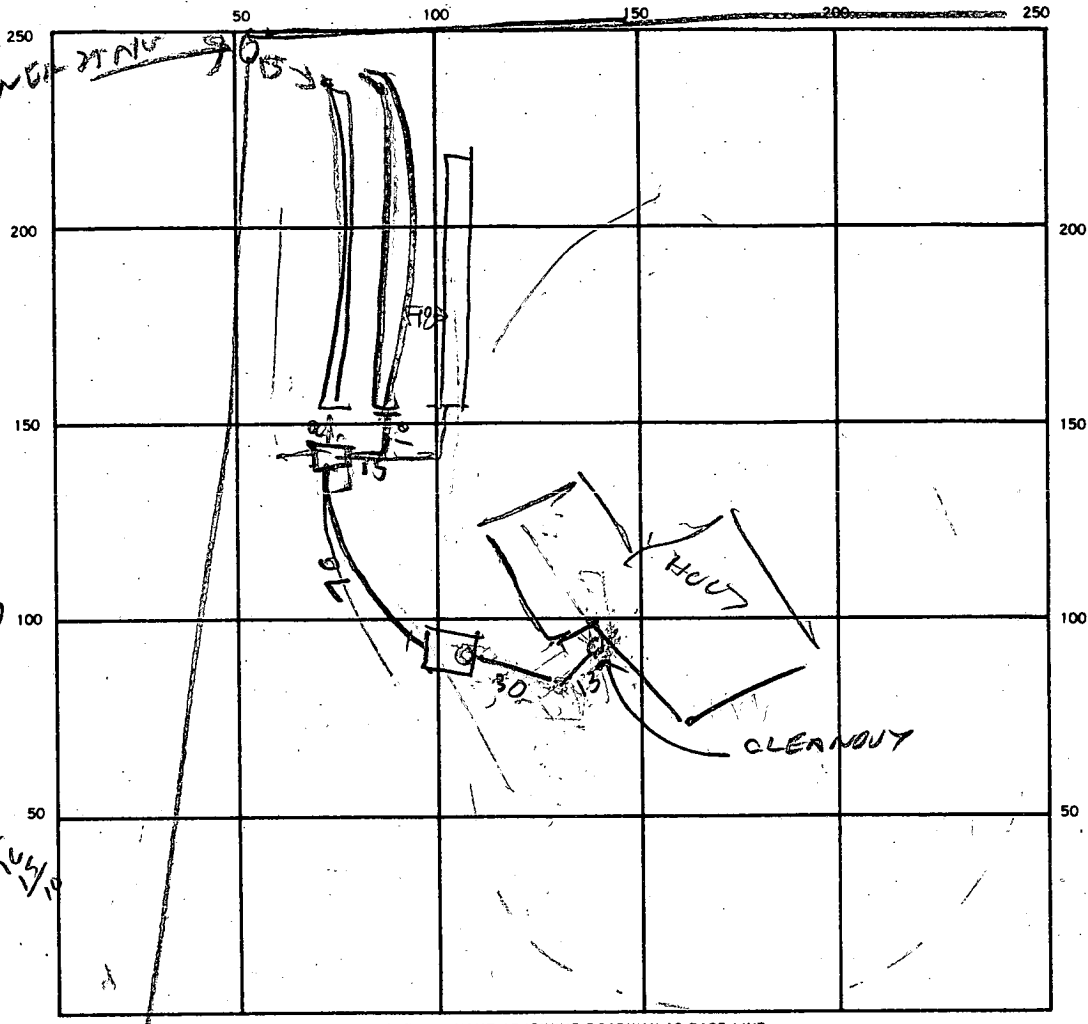
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

AE 825A



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK. LEVEL OK 150V CLEANOUTS ST | HS
OK | OK

190
9
00

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 1 1/2 | 2 FT. TRENCH WIDTH 3 | 3 | 3 FT. INLET DEPTH 4 | 4 | 4 FT.

EFFECTIVE GRAVEL DEPTH 1 | 2 | 1 FT. TOTAL LENGTH 78 | 85 | 76 FT. TLF 259

NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA 777 | 780 SQ. FT. INSTALL REQUIRED

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

ABSORBENT AREA 777 SQ. FT.

REMARKS 6/13/88^{or} - COVER TRENCH #1 & TANK. FINISH TRENCH #2 & #3
6/13/88^m - TRENCH #2 FINISHED NOW DO TRENCH #3. R/R
6/14/88 TRENCH #3 IS OK R/R

DATE SYSTEM APPROVED 6/14/88 INSPECTOR Raymond Hodges

APPLICATION

PERCOLATION TESTING

A 38259
P _____

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

DISTRICT _____

DATE 12-10-86

*12/12/86
OK to process
S.M.W.*

*Revised
#1187
9/30
1/26/87*

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: WILBUR M. VLACH & ALICE S. VLACH TALL PINES CONST.

ADDRESS 4481 TEN OAKS RD. PHONE 988 9687

PROSPECTIVE BUYER TALL PINES CONSTRUCTION INC. / James Lawson President

ADDRESS 3421 Blackberry Ln. ELLICOTT CITY. PHONE 988-9097-531-3400
465-4920

PROPERTY LOCATION:

SUBDIVISION BUCKSKIN [BACK OF LOT 15] LOT NO. _____

ROAD AND DESCRIPTION YOU MAY USE LOT 12 FOR SIMPLE TO ACCESS FROM BUCKSKIN DRIVE
4246 BUCKSKIN LAKE DR.

TAX MAP 22 PARCEL # 135

SIZE OF LOT 2.07 ACRE TYPE BLDG. SINGLE FAMILY
(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. James Lawson President
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____


REASONS FOR REJECTION OR HOLDING 3/3/87 - PERC OK Hold for Certifier
Hold Plat B.H.

BLDG. PERMIT SIGNED AND RETURNED 12-15-87

*BP 15935
OK*

THIS IS NOT A PERMIT

SOIL PROFILE

0' 

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH-12-1079

APPLICATION

PERCOLATION TESTING

A 38259
P _____

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

DISTRICT _____
DATE 12-10-86

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER WILBUR M. VLACH & ALICE S. VLACH

ADDRESS 4481 TEN OAKS RD. PHONE 988 9687

PROSPECTIVE BUYER TALL PINES CONSTRUCTION INC / JAMES LAWSON President

ADDRESS 3421 BLACKBURN LA. ELLICOTT CITY PHONE 988-9097-531-3400

PROPERTY LOCATION:

SUBDIVISION BUCKSKIN [BACK OF LOT 15] LOT NO. _____

ROAD AND DESCRIPTION YOU MAY USE LOT 12 TO ACCESS PROPERTY

TAX MAP 22 PARCEL # 135

SIZE OF LOT 2.07 ACRE TYPE BLDG. SINGLE FAMILY
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. James Lawson President
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

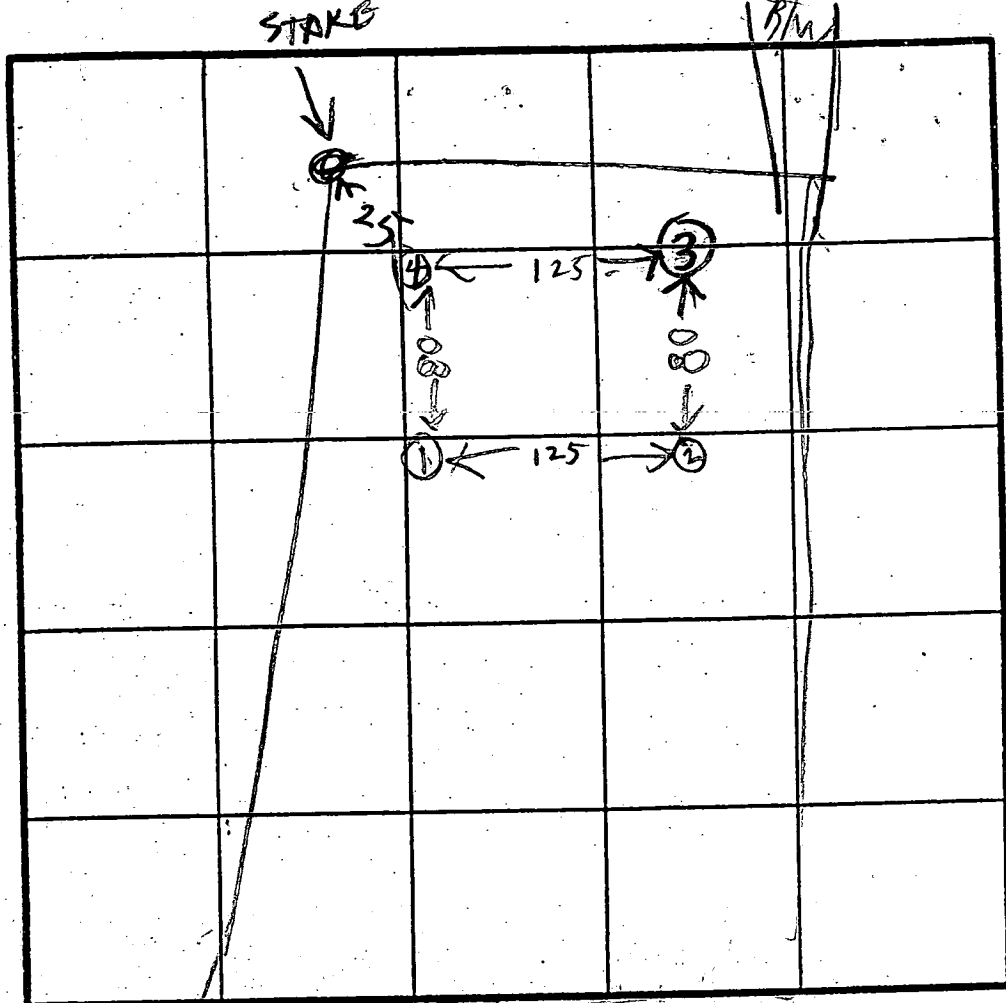
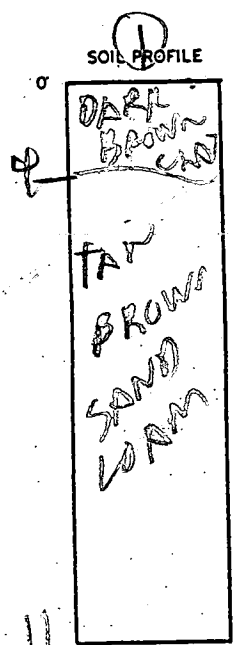
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

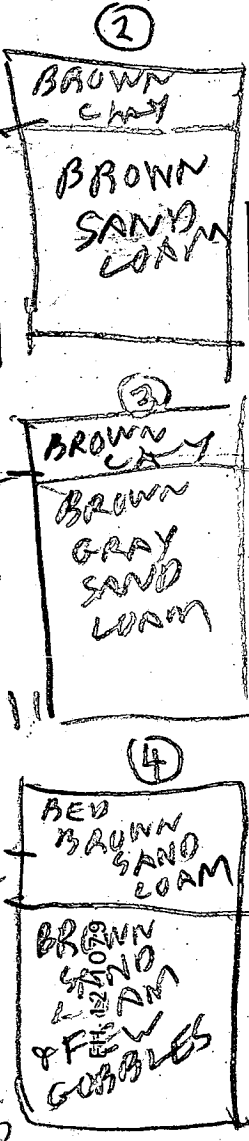
BLACK



HOLE ELEVATION

① = HIGHEST
 ② = LOWEST
 ④ = NEXT HIGHEST
 ③ = NEXT LOWEST

INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE.



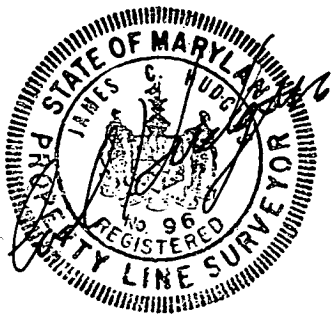
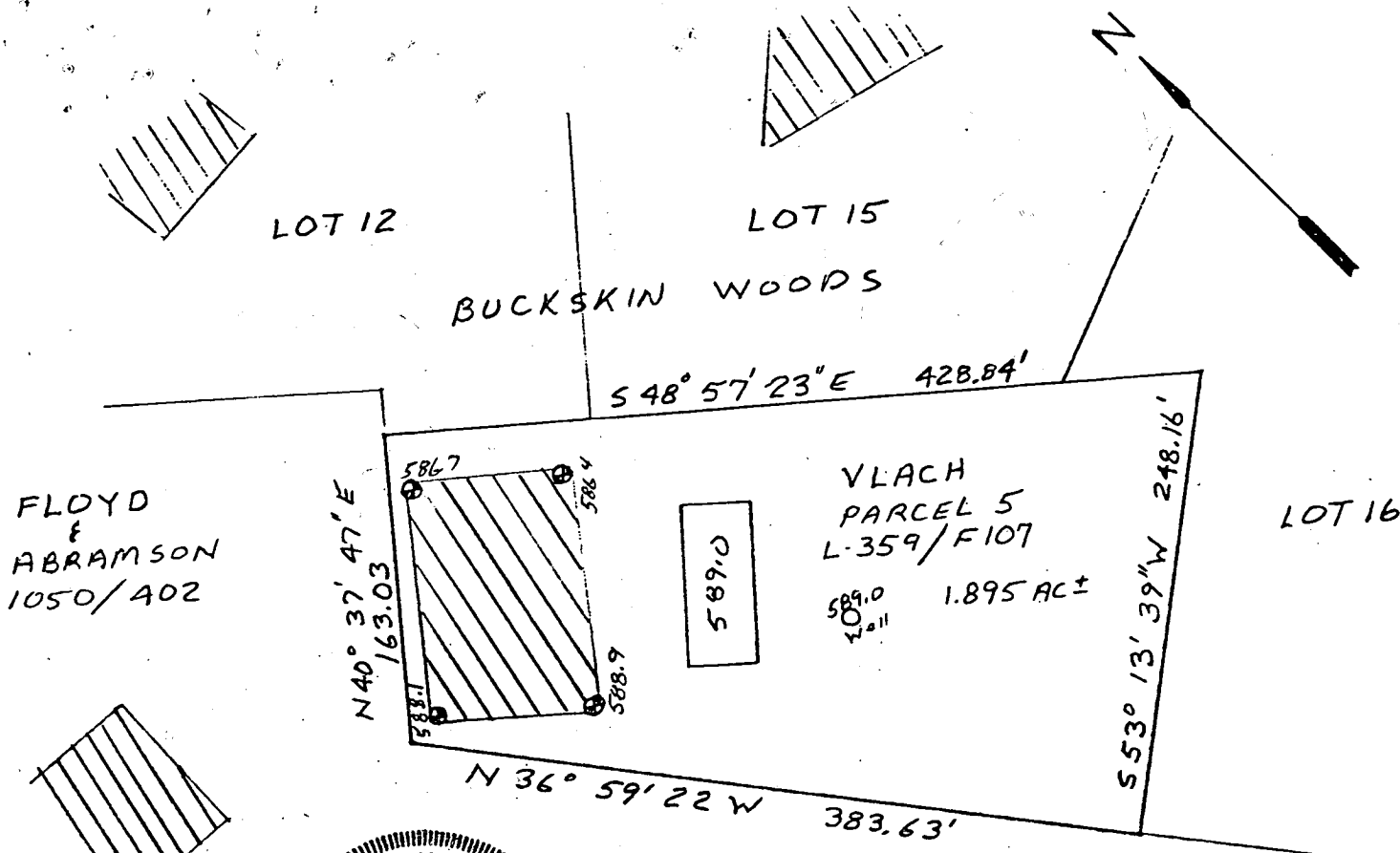
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/3/87	10	8	133	135	137	140	2
	115	5	133	137	137	140	3
	1V	11	OK				
	25	6	144	147	147	151	4
	2V	11	OK				
	35	7	149	153	153	204	11
	3V	11	OK				
	45	6	155	203	203	209	16
	4V	13	OK				


204
 6
 0
 229
 3
 205
 60
 13
 17

REMARKS HOLES DUG PER SURVEYOR PLAT B/Hodges

TYPE OF SOIL _____
 TESTED BY B. Hodges

David OKETTERMAN
 ALSO PRESENT DAVE
BULL MRLAWSON



 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 H. Vlach
County Health Officer

3-24-87
JH Date

PERCOLATION TEST PLAT
VLACH PROPERTY
TAX MAP 22 PARCEL 135

5th Election District
Howard County, Maryland
Scale 1"=100'
Date 3/18/87

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

WILLIAM G FLOYD c/o
 JOEL M. ABRAMSON
 1050 / 402

SEPTIC SYSTEM INFORMATION.

INVERT @ HOUSE : 586.55 ✓ - BSMT

SEPTIC TANK

EX. GR. : 589.0 ✓
 FIN. GR. : 589.0 ✓
 INV. IN. : 586.20 ✓
 INV. OUT. : 585.90 ✓

DISTRIBUTION BOX

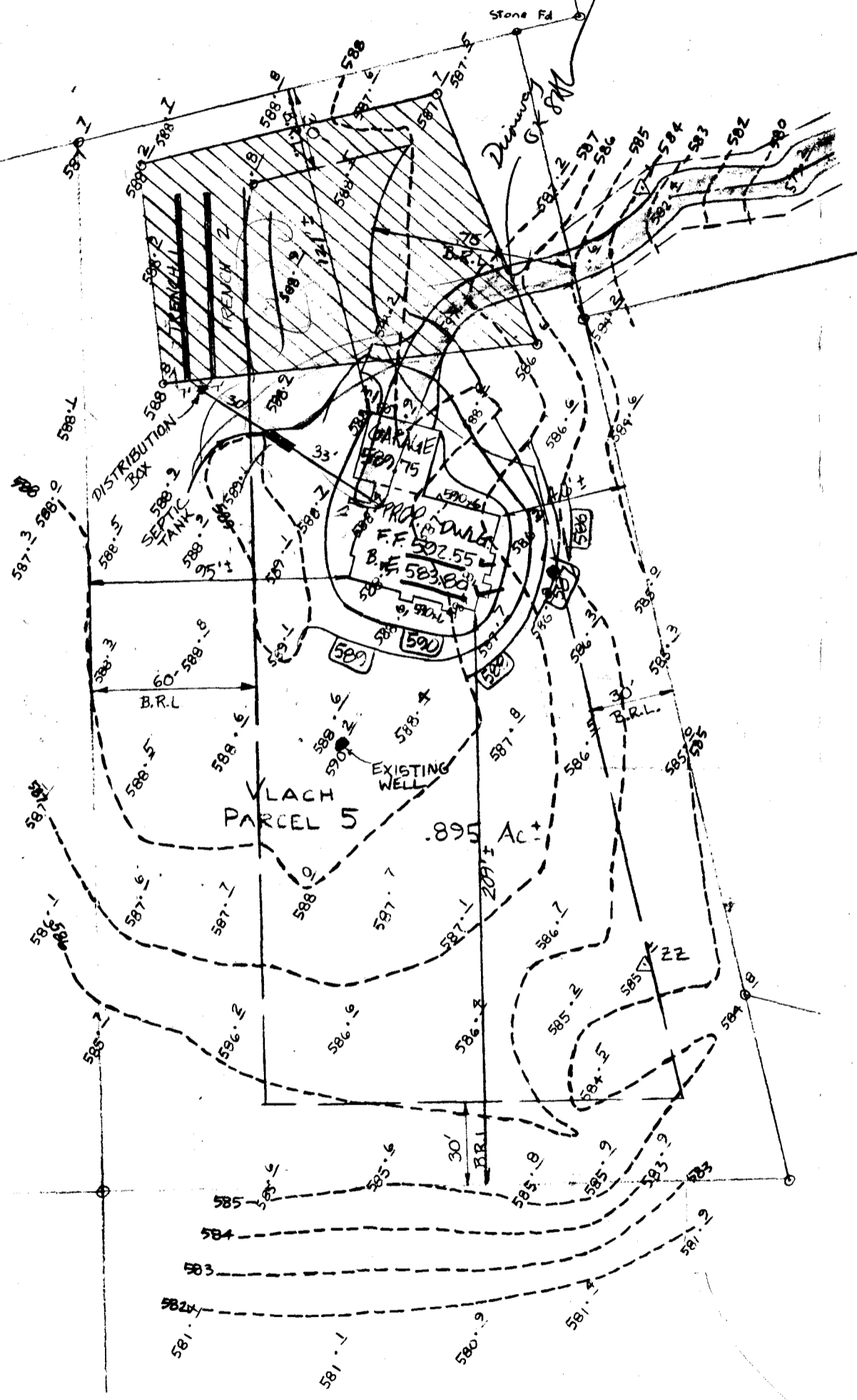
EX. GR. : 588.8 ✓
 FIN. GR. : 588.8 ✓
 INV. IN. : 585.6 ✓
 INV. OUT. : 585.4 ✓

TRENCHES

	#1	#2
EX. GR.	588.8	588.8
FIN. GR.	588.8 ✓	588.8 ✓
INV. IN.	585.3 ✓	585.3 ✓
BOTTOM	580.3 X 583.3	580.3 X 583.3
LENGTH	X	X

12/15/87
 M. WATKINS
 S.M.

BLDG. PERMIT SIGNED
 AND RETURNED 12-15-87
 S.M.
 BP 15935



SHANABERGER & LANE
 8276 TOWN & COUNTRY BLVD.
 SUITE 203
 ELLICOTT CITY, MD 21043
 (301) 461-9563

PERC TEST PLAT
PROPERTY OF
G. WILLIAM FLOYD ETAL
TAX MAP 22
PARCELS 283+529
LOTS 7, 8, & 9
SCALE 1"=200'

30.45001
612 653

ChB2
643

646

643

625

C9C2

CHA

ChB2

LOT 2
FLOYD + ABRAHAMSON
LOT 1

SEASIDE
ROAD

LOT 11
BUCKSKIN

REVIS
PERC
LOT 12

LOT 7
3.74AC
C9C2

ChC2

50
EKD2

C9B2

LOT 9
4.43AC

LOT 8
3.29AC

ChB2

LOT 15

C9C2

C9B2

600
C9C2

32

C9C2

C9B2

589
ow
VLACH
PROP

COUNTY & STATE
GARAGES

C9B2

MID3

ChB2

ChB2

588

574

75

575

B 7 1706 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

10-81-2006
fill in this form completely

Date Received

2 30 87

OWNER INFORMATION

531-3400

47 in. Larson
Last Name Owner First Name

2421 B. Lockberry Ln
Street or RFD

111047 CUMMINGS 1043
Town State Zip

DRILLER INFORMATION

Richard Hoeger
Driller's Name License No. 80

Fred. rd.
Firm Name

Mishaw Md. 21765
Address

Richard Hoeger
Signature Date

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)
I 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)

APPROXIMATE DEPTH OF WELL 90 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

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
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)

APPROP. PERMIT NUMBER GAP
FORCE JS PERMIT No. 10-81-2006

SPECIAL CONDITIONS

LOCATION OF WELL

HOWARD COUNTY

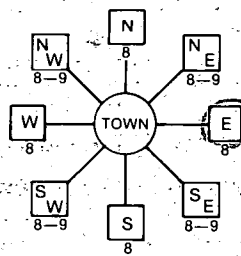
WACH PRO PARCEL 135

SECTION 44 46 LOT 5 50

Glencig

MILES FROM TOWN (enter 0 if in town) 2 MI

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Buckskin Dr

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH WEST EAST

DISTANCE FROM ROAD 1100 FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A 38259 COUNTY NO.

OEP SIGNATURE DATE ISSUED

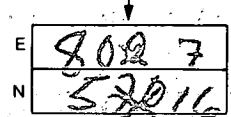
040387 O. Steyer 10/03/87

NORTH GRID 516000 EAST GRID 0807000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

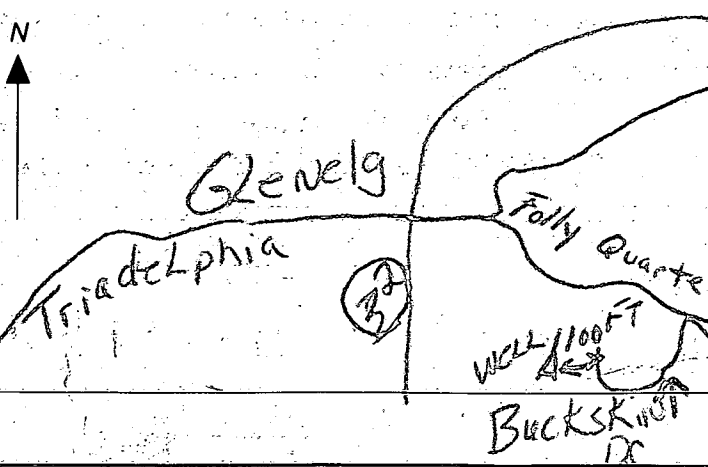
- SOURCES OF DRILLING WATER: 1. 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE



Location on 33' casing above 30' open NOT present for front 5/7/87

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



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2006
 Location of property (road) Buckskin Dr.
 Subdivision Vleck Prop. Lot 5 Block _____ Plat _____ Sec. _____
 Well Driller Bernard Fezzer Owner James Laison

Depth of well 350'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 52'

I. High rate pumping -- reservoir drawdown

Time pump started 7:45 Pumping rate 8
 Total time 45 min to reach pumping water level 104 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 β gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:45	52	7	7/6/87	8
8:00	93	7	driller informed	8
8:15	98	15	no drawdown	4
8:30	104	50	necessity of storage	1 1/5
8:45	104	50	of storage	1 1/5
9:00	104	50	gpm x 60 = 1	1 1/5
9:15	104	60	x 2 hours	1 +
9:30	104	60		1 +
9:45	104	60	balance 120 gal	1 +
10:00	104	60		1 +
10:15	104	60	78	1 +
10:30	104	60	128 gal	1 +
10:45	104	60	104	1 +
11:00	104	60	52	1 +
11:15	104	60	52 guaranteed	1 +
11:30	104	60	storage	1 +
11:45	104	60		1 +
12:00	104	60	52	1 +
12:15	104	60	1.5 gal	1 +
12:30	104	60		1 +
12:45	104	60	260	500 1 +
1:00	104	60	52	1 +
1:15	104	60		1 +
1:30	104	60	78.0 gal	1 +
1:45	104	60		1 +
2:00	104	60		1 +

2:15
2:30
2:45

104
104
104

60
60
60

1+
1+
1+

5/24/88

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 X
Replacement _____

Receipt # 41782
Date 5/18/88

Name of Installer DRAIN RELIEF

Telephone 465-7285

License Number 3969

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber ✓

Name of Property Owner Jim Lawson

Telephone 988-9097

Subdivision BUCKSKIN LAKE Lot # _____ Well Tag # _____

Site Address 4246 BUCKSKIN LAKE DR
21043

- Pump**
- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible ✓
 - Make Meyer
 - Model # _____
 - Capacity _____ GPM
 - Pump exceeds well capacity Yes ✓ No _____
 - If Yes, is low pressure cutoff switch installed? Yes ✓ No _____
 - What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ✓ Cable guards ✓ Other _____

- Motor**
- Horsepower 3/4
 - RPM _____
 - Voltage _____
 - 110 _____
 - 220 ✓

- Pitless Adapter**
- Make _____
 - Model # _____
 - Depth _____

- Tank**
- Capacity 86
 - Pressure relief valve? ✓

- Piping**
- Type 8" 160 PT Blue
 - Size 1"
 - NSF and/or BOCA Code approved ✓
 - Depth of supply line 350

- Well data**
- Depth 350 ft.
 - Yield 1 GPM
 - Static water level 50 ft.
 - Will water supply be disinfected by installer? Yes

5/24/88 Pitless AT 40" well line 36-42" - Pump NOT INSTALLED, INSIDE WORK NOT DONE

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: Joseph A. Martens

Date: May 18/88

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