

04-346858

*Patrol
C.O.
2:30-3:00
Hatched
C.O. any time*

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50074

A 38387

DISTRICT 4th

DATE 6/9/94

DATE SYSTEM APPROVED 7/19/94

INSPECTOR M. Rifkin

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXX~~ 313-2640

INDEXED

Will Hopkins IS PERMITTED TO INSTALL ALTER

ADDRESS 17540 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-5788

SUBDIVISION Glenwood Springs LOT 39 ROAD 2824 Glenwood Springs Drive

PROPERTY OWNER Wayne and Jean Hart

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 3 feet wide. Inlet 3½ feet below original grade. Bottom maximum depth 5½ feet below original grade. Effective area begins at 3½ feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Beginning from the left front corner, place the distribution box 135 feet down the left (395') line and 210 feet off the left line as seen when facing property from Glenwood Springs Drive. Run trenches along contour towards the right (380') lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. MAINTAIN MINIMUM 100 FEET FROM WELL TO SEPTIC. *OK MR 6/9/94*

PLANS APPROVED BY Bert Nixon DATE 07/06/94

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

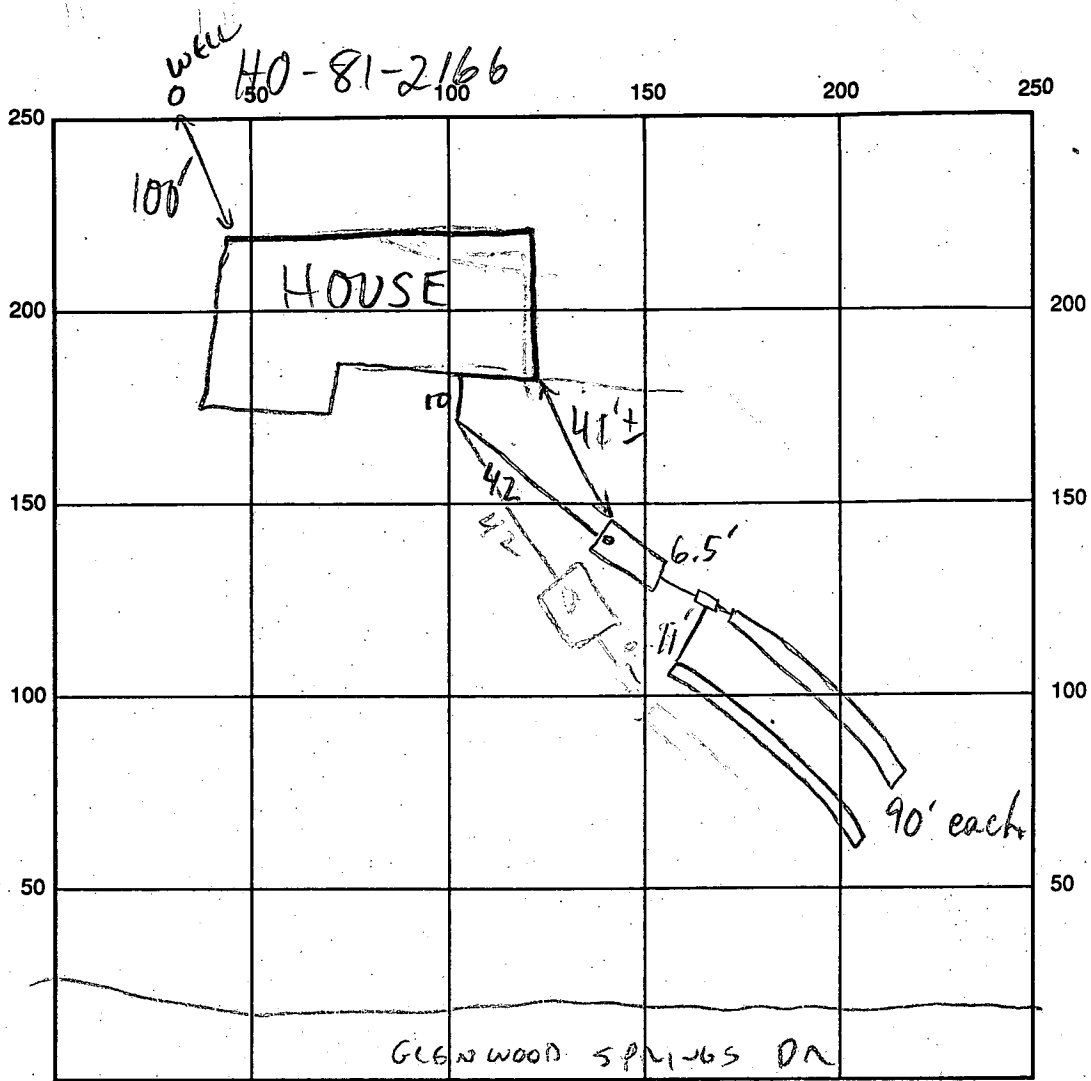
PERMIT VOID AFTER TWO YEARS

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**

A
38387



SEPTIC TANK LEVEL ✓ 1000 GAL CLEANOUTS S.T. - OK

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 2 @ 90 FT.

NUMBER OF TRENCHES 2 ~~ONE SIDEWALL~~ BOTTOM AREA 2 @ 270 SQ. FT.

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

ABSORBENT AREA 540 SQ. FT.

REMARKS: HOUSE SEWER AND SEPTIC TANK OK TO COVER. 7/12/94 (CW)
7/19/94 OK TO COVER ALL MR

DATE SYSTEM APPROVED 7/19/94 INSPECTOR Mc Ripkin

APPLICATION

PERCOLATION TESTING

A 38387
P _____

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

*1/28/87
perc or perching
approved
[initials]*

DISTRICT _____
DATE 10-14-86

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 WAYNE HART

ADDRESS _____ PHONE 460-5465

PROSPECTIVE BUYER Ronald Carter

ADDRESS 8388 Court Ave., Ellicott City, Md 21043 PHONE 461-2855

PROPERTY LOCATION:
SUBDIVISION Hakes Property LOT NO. Thirty Nine

ROAD AND DESCRIPTION Hobbs Road (2824 Glenwood Springs Drive) *Return 4/29/87*

TAX MAP 14 PARCEL # 87,83,202

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.

Ronald S. Carter
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____


HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING: for certified field located holes & sub: plan

THIS PERMIT SIGNED AND RETURNED
5/16/87
Seal 54748
SFD - 3 Bed room

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 38387

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 _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HAKES PROP LOT NO. LOT 39

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ 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)

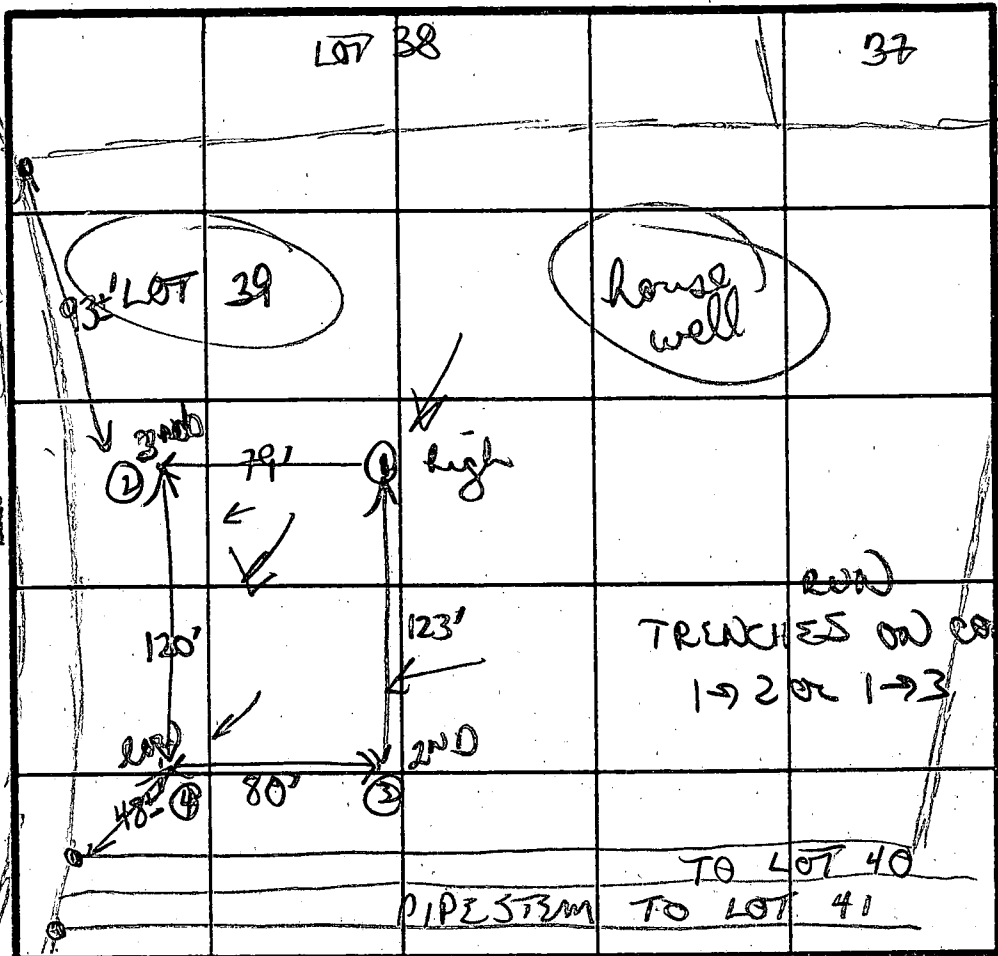
APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

̄ 6 1/2 min
 INLET 3/2"
 MAX D 5 1/2"
 180 7/80

SOIL PROFILE
 (P) (4)
 chunky
 gritty red
 orange clay
 low
 3'
 to orange
 chunky/silty
 low
 mix
 ↓
 11 1/2'

(2)
 orange/purple
 silty clay
 3'
 purple silty
 low
 ↓
 11'

(3)
 similar soils
 to 122 w/
 5-10% small
 scattered
 frags
 ↓
 11 1/2'

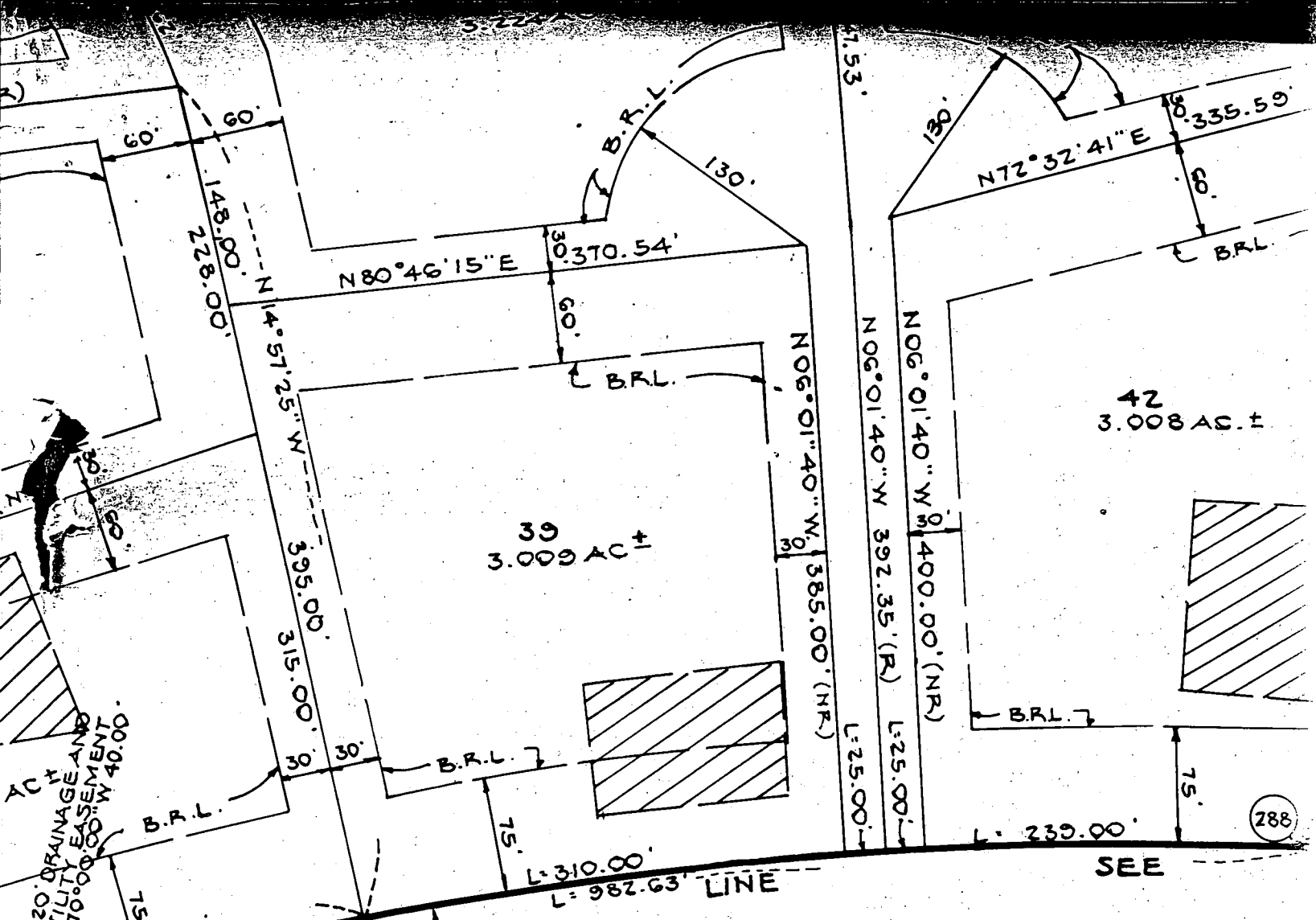
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/20/87	①	3 1/2'S	123	128	128	137	9 MIN	
		6 1/2'M	122	127	127	137	10 MIN	
		11 1/2'D	bottom (see profile)					
	②	4 1/2'S	129	134	134	140	6 MIN	
		8 1'M	128	130	130	132	2 MIN	
		11'D	bottom (see profile)					
	③	3 1/2'S	138	142	142	150	8 MIN	
		11 1/2'D	bottom (see profile)					
		④	3 1/2'S	140	143	143	146	3 MIN
		11'D	bottom (see profile)					

REMARKS: adjust uphill slightly due to H₂O in sand hole

TYPE OF SOIL: soils fairly uniform

TESTED BY: B. Neiper

ALSO PRESENT: Dave K., Phil Kathy



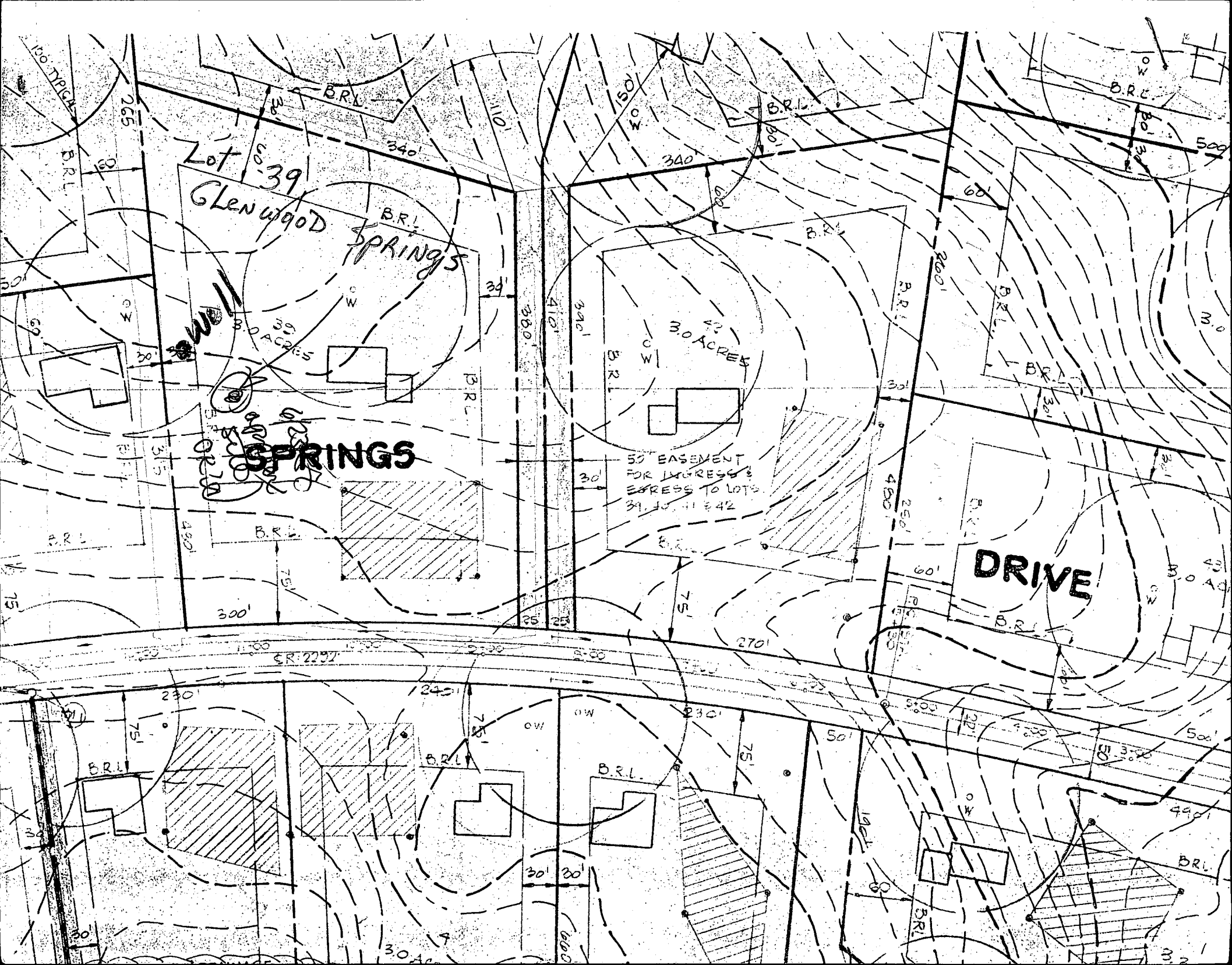
WOOD SPRINGS
 Copy of Final

OWNER'S CERTIFICATE:

... PARTNERSHIP, A MARYLAND GENERAL PARTNERSHIP, ...
 ... SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN ...
 ... IN CONSIDERATION OF THE APPROVAL OF THE FINAL PLAT BY ...
 ... NG AND ZONING, ESTABLISH THE MINIMUM BUILDING ...
 ... TO GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS ...
 ... RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, STORM ...
 ... AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND ...
 ... EET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS ...
 ... E RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS ...
 ... R ROADS AND FLOODPLAINS AND OPEN SPACE WHERE ...
 ... OD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT ...
 ... TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO ...
 ... TS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE ...
 ... SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE ...
 ... WS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE ...
 ... N, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING ...
 ... OF ANY KIND SHALL BE ERCTED ON OR OVER THE SAID

SURVEYOR'S C

I HEREBY CERTIFY THAT THE ...
 ... IS CORRECT; THAT IT IS A SUB ...
 ... LANDS CONVEYED BY C. WEBSTER ...
 ... REPRESENTATIVE OF THE ESTATE ...
 ... GLENWOOD SPRINGS PARTNERSHIP ...
 ... PARTNERSHIP, BY DEED DATED D ...
 ... RECORDED IN THE LAND RECORDS ...
 ... MARYLAND IN LIBER. C.M.P. 157 ...
 ... ALL OF THE LAND CONVEYED BY C. WEBSTER ...
 ... OF THE ESTATE OF MARY W.M. HAKER TO GLEN ...
 ... GENERAL PARTNERSHIP, BY DEED DATED JUNE



Lot 39
Glenwood
Springs

SPRINGS

50' EASEMENT
FOR EXPRESS
EXPRESS TO LOTS
31, 32, 33 & 42

DRIVE

CR 2297



B 1 **3302** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

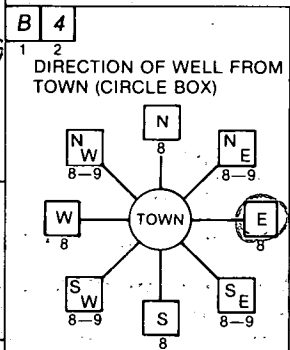
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

OEP PERMIT NUMBER
NO-81-2166
 fill in this form completely

Date Received _____
 OWNER INFORMATION
CARMAN ASSOCIATES
 15 Last Name 34 Owner First Name
BOX 122
 36 Street or RFD 55
ELLICOTT CITY MD 21043
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
HOWARD
 8 COUNTY 21
GLENWOOD SPRINGS
 23 SUBDIVISION 42
 SECTION **44** 46 LOT **39** 50
GLENWOOD
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **1/4** 73 76 77 78 MI

DRILLER INFORMATION
Joseph L. MAYNE 238
 77 License No. 80
Joseph L. Mayne Well Drilling
 Firm Name
5512 Ridge Rd. Mt. Airy 21771
 Address
Joseph L. Mayne 1/9/87
 Signature Date



Glenwood Spring Dr.
 11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 34 **240** 37
 DISTANCE FROM ROAD
 ENTER FT or MI **FT**
 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 COUNTY NAME
A 38387 COUNTY NO.
 OEP SIGNATURE _____ STATE HEALTH INSERT S _____
 DATE ISSUED **063087** CO SIGNATURE **B. Mayne** 12/30/87
 43 48 EXP. DATE 41
 NORTH GRID **532000** EAST GRID **0795000**
 50 55 57 63

APPROXIMATE DEPTH OF WELL **200** 24 28 FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

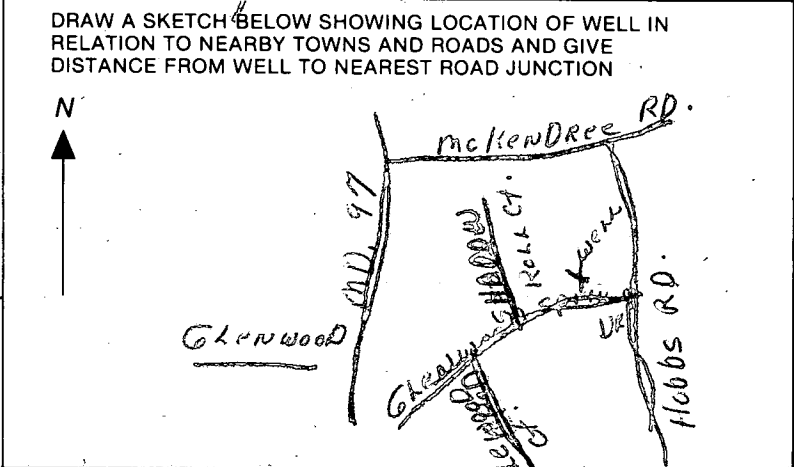
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTARY DRIVE-POINT
 other _____

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) _____

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **17A** WRITE INITIALS IN BOX PERMIT NO. **NO-81-2166**
 67 68 70 71 72 73 74 75 76 77 78 79

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

 000 000



SPECIAL CONDITIONS

8/26/87

60' casing

33' open

14 bags

location BK

H₂O sample taken

C1 5974 SEQUENCE NO. (OEP USE ONLY)
1 2 3 6
(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 A-38387

DATE Received

DATE WELL COMPLETED 1978 8 9

Depth of Well 185 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" NO-81-2166

OWNER ASSOCIATES CARMEN
STREET OR RFD GLENWOOD SPRINGS DRIVE TOWN GLENWOOD
SUBDIVISION GLENWOOD SPRINGS SECTION LOT 39

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	53	
Clay thin rock	53	185	✓

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 14 NO. OF POUNDS 1316
GALLONS OF WATER 84
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 23 ft. (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
STEEL (ST) CONCRETE (CO) PLASTIC (PL) OTHER (OT)
MAIN CASING TYPE S7
Nominal diameter top (main) casing (nearest inch) 6
Total depth of main casing (nearest foot) 10

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

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

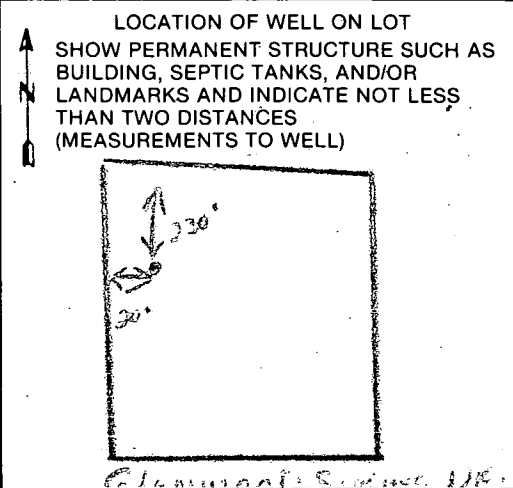
DEPTH (nearest ft.)
EACH SCREEN 1 HO 2 38 39 41 45 47 51
SLOT SIZE 1 2 3
DIAMETER OF SCREEN 56 60

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 T (E.R.O.S.) LOG INDICATOR WQ OTHER DATA

PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 82
METHOD USED TO MEASURE PUMPING RATE bucket
WATER LEVEL (distance from land surface) BEFORE PUMPING 30 WHEN PUMPING 45
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
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 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.

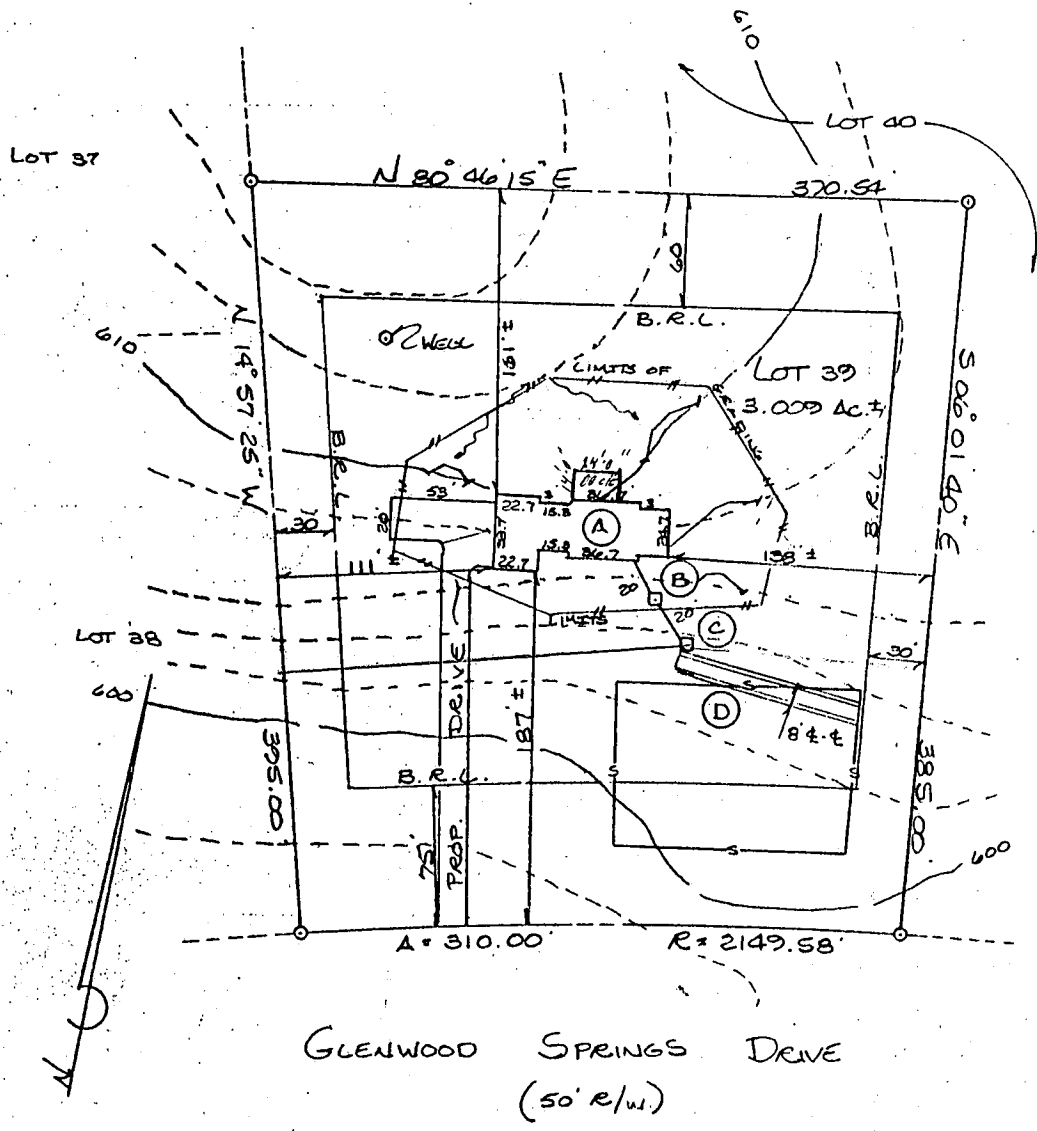
DRILLERS IDENT. NO. 234
DRILLERS SIGNATURE Joseph L. Mays
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

(A) = PROP. 3' BED. HOUSE
 F.F. ELEV. = 611.0'
 BSMT. ELEV. = 602.5'
 INV. ELEV. = 601.3'

(B) = PROP. SEPTIC TANK
 EX. ELEV. = 605.2'
 INV. IN = 601.1'
 INV. OUT = 600.8'

(C) = PROP. DIST. BOX
 EX. ELEV. = 603.8'
 INV. ELEV. = 600.6'

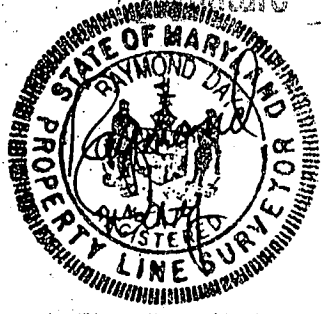
(D) = PROP. TRENCHES
 INV. ELEV. = 600.3'
 4' STONE, 7.5' EBT. MAX.
 LENGTH TO BE DETERMINED
 AT TIME OF SEPTIC PEBOUT
 ISSUANCE.



Approved Septic System Plan
 Howard County Health Department

PLOT PLAN
 LOT 39, SECTION ONE, AREA ONE
 GLENWOOD SPRINGS
 SITUATED ON GLENWOOD SPRINGS DRIVE
 ELECTION DISTRICT N° 4
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' MAY 1994

Amy McMullen 5/16/94
 Signature Date



I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF Howard COUNTY, MARYLAND, AS REFERENCED HEREON.

REFERENCE	JOB NO.
PLAT # 7685	94SY 0607

NH NASSAUX-HEMSLEY, INC.

4140 RIDGE ROAD
 TAYLORSVILLE, MARYLAND
 410-875-0722

21157

CAD ONE, INC. 301-595-1120 080823