

6/6/94  
3:00  
6/7/94  
Ready for final Insp  
early AM.

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50708

A 32092

DISTRICT \_\_\_\_\_

DATE 5/4/94

DATE SYSTEM APPROVED 6/7/94

INSPECTOR C. Bell

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XX461-9933~~ 313-2640

INDEXED

04-350626

Will Hopkins IS PERMITTED TO INSTALL  ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-7257

SUBDIVISION Lisbon Estates LOT 11 ROAD 1612 Brittle Branch Way

PROPERTY OWNER Barnard Bros. Construction Co., Inc.

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

300 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 400

TRENCHES - Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Place distribution box 135 feet from the 216.46 foot lot line and 100 feet from the 538.87 foot lot line. Run trench(s) along level ground toward the driveway entrance.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK MR 4/27/94

PLANS APPROVED BY Mark Rifkin REVISED \_\_\_\_\_ DATE 04/18/94

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  
32092



April

# APPLICATION

SEWAGE DISPOSAL TESTING

A 32092

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT \_\_\_\_\_

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE. 992-2330

DATE 7-16-82

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 Barwood Bros. Const. Co. Inc.  
Lawrence Blumberg/Charles Snouffer

ADDRESS 2909 Old Court Road, Baltimore 21209 PHONE 574-9300-489-7621

PROPERTY LOCATION:

SUBDIVISION BLUMBERG Lots 1 through 15 LOT NO. (13) NEW LOT 1011

ROAD AND DESCRIPTION East of S.R. 94, .5 miles south of Rt. 144 intersection  
(1612 Brittle Branch Way) with S.R. 94

SIZE OF LOT 3.19 Acres TYPE BLDG. (S.F. Detached) 4 BR  
(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. Reimer-Tracy & Assoc. by Arthur E. Muegg  
(SIGNATURE OF APPLICANT)

APPROVED BY Sudl Abel FOR Trench DATE 2-14-85

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

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

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

BLDG. PERMIT SIGNED  
AND RETURNED 4/18/84  
Serial # 534 JK  
SFD-4Bmo-

# 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	
12/10/81	6 V	12"	CLAY TO 4" - yellow Br. Silt loam (hole on lot #9)		25-35"	11"	TO SOY BEAT
	7 V	12.5"	RED BROWN SILT LOAM		CLAY TO 35"		
	8 V	13"	CLAY TO 3.5" - RED BROWN TO yellow Br. Silt loam				

REMARKS \_\_\_\_\_

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

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

EN 12 10 81

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 32092  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P O BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992-2330

DISTRICT \_\_\_\_\_

DATE 7-16-82

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 Lawrence Blumberg/Charles Snouffer

ADDRESS 2909 Old Court Road, Baltimore 21209 PHONE 574-9300

PROPERTY LOCATION:

SUBDIVISION BLUMBERG Lots 1 through 15 LOT NO. 12 NEW LOT 10

ROAD AND DESCRIPTION East of S.R. 94, .5 miles south of Rt. 144 intersection with S.R. 94

SIZE OF LOT 3.19 Acres TYPE BLDG. (S.F. Detached) 4 BR  
(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.

Reimer-Tracy & Assoc. by Arthur E. Mueggli  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

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

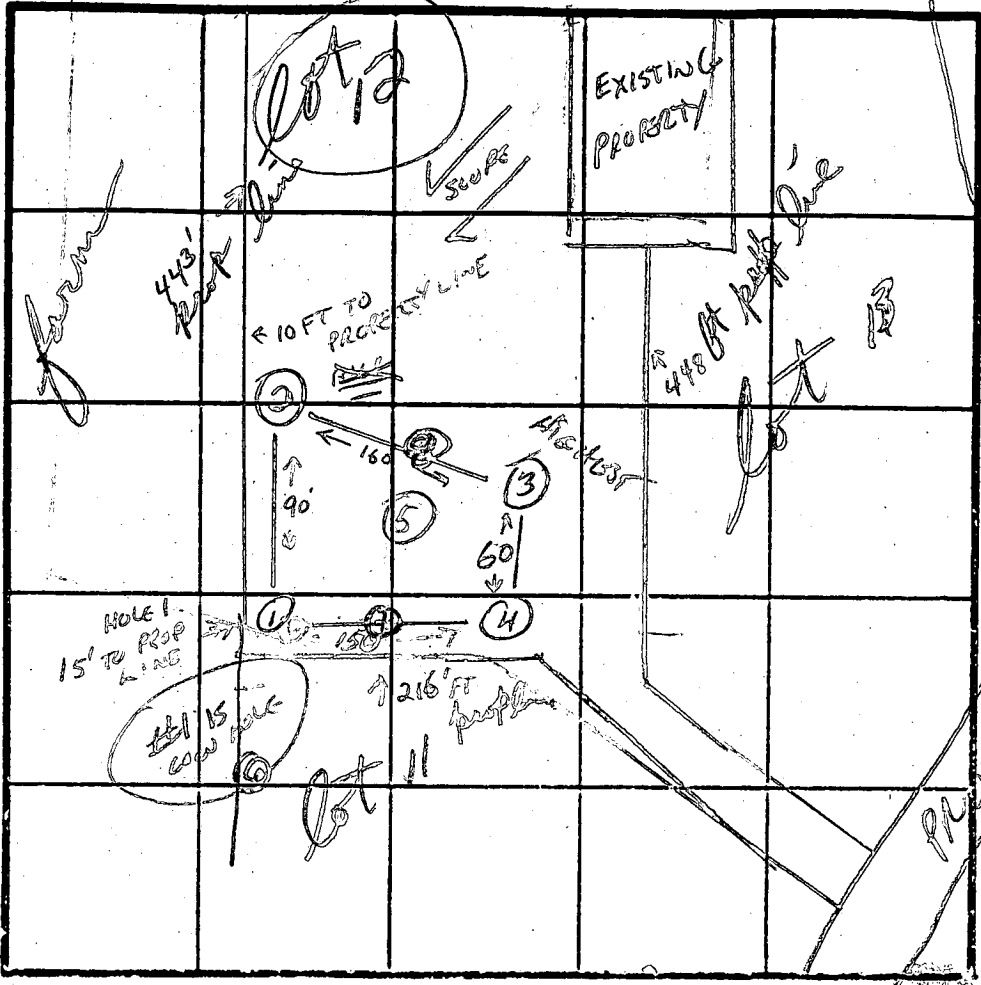
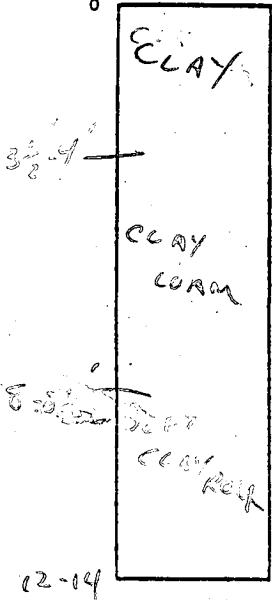
## THIS IS NOT A PERMIT

LOT 12 OK

ROUTE 94

ALL HOLES

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
8-24-82	1 M	4	12:31	12:50	12:50	1:16	26 MIN	
		8 1/2	12:31	12:52	12:52	1:20	28 MIN	
	V	13	CLAY THEN CLAY LOAM BELOW 4' HARD CLAY					13
8-24-82	2 S M	3 1/2	12:21:30	12:32	12:32	12:58	26 MIN	
		8	12:21:30	12:28:30	12:28:30	12:53:30	5 MIN	
	V	13	CLAY TO CLAY LOAM ROCKY AT 12'					
8-24-82	3 S M	13 1/2	12:04	12:12	12:12	12:36	14 MIN	
		8	12:04	12:19	12:19	12:47	28 MIN	
	V	12	CLAY TO 3 1/2' THEN CLAY LOAM THEN SOFT ROCK					
8-24-82	4 S M	4	11:26:30	11:39	11:39	12:00	21 MIN	
		8	11:26:30	11:27:30	11:27:30	11:29:30	2 MIN	
	V							
8-24-82	5 V	13'	CLAY LOAM TO 4 FT THEN CLAY LOAM WITH SOFT ROCK					

#1 LOW

#2 HIGH

X = 19 MIN  
good times

X = 27 MIN  
eliminating  
2 low times

REMARKS WHOLE LOT SLOW - RECOMMEND MAX SIZE SYSTEM

TYPE OF SOIL CLAY TO 3 1/2' CLAY TO CLAY LOAM TO 8' THEN BECOMING SOFT ROCK AT 10' TO 12 FT

TESTED BY UBBO VANDERVAER ALSO PRESENT CARRY BREHOFF

B 1 5680

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-88-0904

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

please print or type

fill in this form completely

Date Received (APA)

052389

OWNER INFORMATION

Grid for owner information: Last Name, Owner, First Name, Street or RFD, Town, State, Zip

B 3

LOCATION OF WELL

Grid for location of well: COUNTY, SUBDIVISION, SECTION, LOT, NEAREST TOWN, MILES FROM TOWN

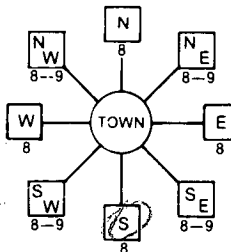
Trans to R. Mayne

DRILLER INFORMATION

Driller's Name, License No., Firm Name, Address, Signature, Date

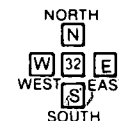
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Brittle Branch way NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



640 DISTANCE FROM ROAD

ENTER FT or MI

B 2

WELL INFORMATION

APPROX. PUMPING RATE, AVERAGE DAILY QUANTITY NEEDED

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- HOME, FARMING, INDUSTRIAL, PUBLIC OR PRIVATE WATER COMPANY, TEST, OBSERVATION, MONITORING

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME, A 32092 COUNTY NO., STATE SIGNATURE, DATE ISSUED, CO SIGNATURE, EXP. DATE

APPROXIMATE DEPTH OF WELL 240 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

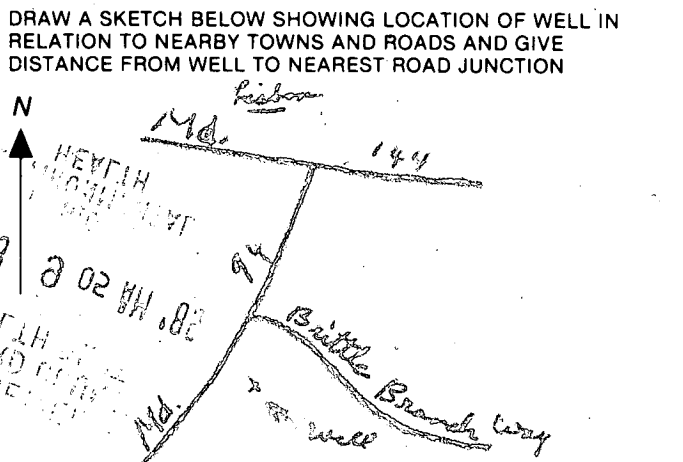
- BORED, JETTED, AIR-ROTARY, AIR-PERCussion, ROTARY, CABLE, REVERSE-ROTARY, DRIVE-POINT

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL

APPROP. PERMIT NUMBER, FORCE, PERMIT NO. 40-88-0904

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X, SOURCES OF DRILLING WATER, WRITE THE BOX NUMBER FROM THE MAP HERE



C1 1032 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

PERMIT NO. FROM "PERMIT TO DRILL WELL"  
 COUNTY NUMBER A 32-092

ST/CO USE ONLY  
 DATE RECEIVED  
052389

DATE WELL COMPLETED  
062690

Depth of Well  
110  
 (TO NEAREST FOOT)

OK MR  
 4/18/94

OWNER FROLL DEVELOPERS  
 STREET OR RFD BRITTE BRANCH WAY TOWN LISHON  
 SUBDIVISION LISHON ESTATES SECTION \_\_\_\_\_ LOT 11

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	
Top Soil	0	2	
Brown Shale	2	25	
Brown SLATE	25	35	✓
Blue SLATE	35	50	
Brown SLATE	50	55	✓
Blue SLATE	55	110	

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES  NO   
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS 7 NO. OF POUNDS 200  
 GALLONS OF WATER 42  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 35 ft.

CASING RECORD  
 casing types insert appropriate code below  
 ST CO  
 STEEL CONCRETE  
 PL OT  
 PLASTIC OTHER  
 MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 38

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

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

DEPTH (nearest ft.)  
 EACH SCREEN  
 1 HO 31 110  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_  
 SLOT SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_  
 DIAMETER OF SCREEN \_\_\_\_\_ (NEAREST INCH)  
 from \_\_\_\_\_ to \_\_\_\_\_

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. 273  
Paul M. Mayne  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

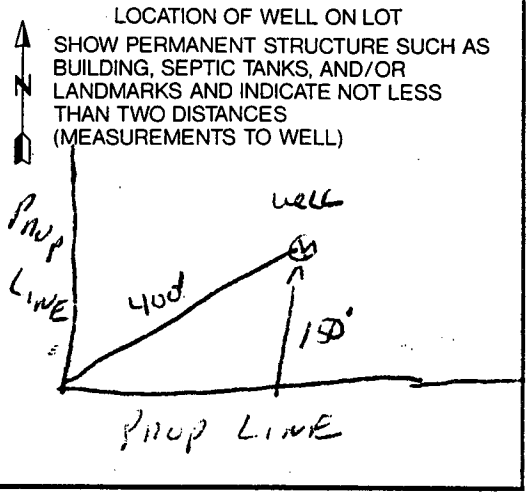
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T (E.R.O.S.) W Q  
 70 \_\_\_\_\_ 72 \_\_\_\_\_ 74 75 76 \_\_\_\_\_

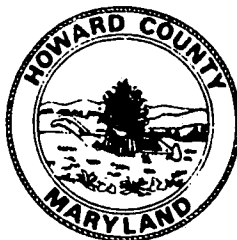
TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3  
 PUMPING TEST  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min. to nearest gal.) 10  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 32  
 WHEN PUMPING 33  
 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)  
 (+) above } LAND SURFACE (nearest foot) 2  
 (-) below }



County



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## HOWARD COUNTY HEALTH DEPARTMENT

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

May 14, 1991

*Reply to:*

MEMORANDUM

TO: Ralph Mayne

FROM: Craig Williams, Director *C.W.*  
Water and Sewerage Program

SUBJECT: Well Completion Reports Submittal

This office has not received the completion reports for the following wells:

Well Tag Number: HO-88-0904  
Lisbon Estates - Lot 11  
Brittle Branch Way

Well Tag Number: HO-88-0905  
Lisbon Estates - Lot 12  
Brittle Branch Way

Both wells were grouted and pump tested on June 26, 1990. In order to keep the property files on a current basis, we are requesting that the completion reports be submitted as soon as possible.

Thank you for your cooperation in this matter.

CW:jr

WPI 6/3/94

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 K.H. Plumbing

Telephone 410-857-0255

License Number 8300

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner Barnard Construction

Telephone 410-489-7621

Subdivision 15608 Estates Lot # \_\_\_\_\_

Well Tag # \_\_\_\_\_

Site Address 1072 Brillo Branch Way

Pump

1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible
2. Make \_\_\_\_\_
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 \_\_\_\_\_

Motor

1. Horsepower \_\_\_\_\_
2. RPM \_\_\_\_\_
3. Voltage \_\_\_\_\_
  - a. 110 \_\_\_\_\_
  - b. 220

Pitless Adapter

1. Make \_\_\_\_\_
2. Model # \_\_\_\_\_
3. Depth 42"

Tank

1. Capacity \_\_\_\_\_
2. Pressure relief valve? yes

Piping

1. Type plastic
2. Size 1"
3. NSF and/or BOCA Code approved \_\_\_\_\_
4. Depth of supply line \_\_\_\_\_

Well data

1. Depth 110 ft.
2. Yield 20 GPM
3. Static water level \_\_\_\_\_ ft.
4. Will water supply be disinfected by installer? no

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.

*WPI pitless adapter and water line OK & cover @ 4' AP 6/3/94*

Signature of Applicant: [Signature]

Date 6/26/94

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

EA LOT I 4.9928 Act  
 MAIN AREA 0.2273 Act  
 EA LOT I 4.7655 Act

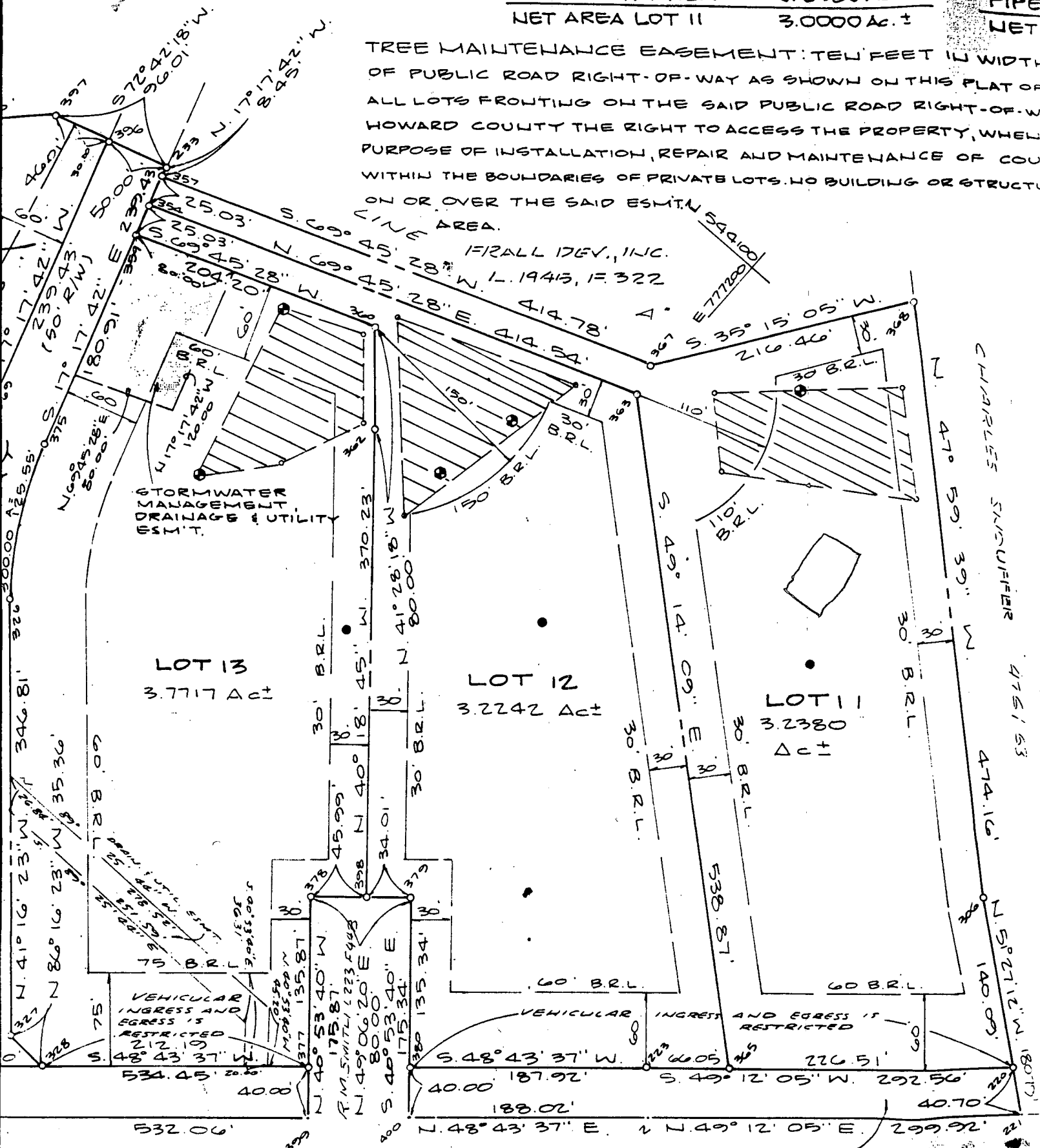
375.326 300.00 125.55 239 58' 41" 63.71

LOT II  
 GROSS AREA LOT II 3.2380 Ac. ±  
 PIPESTEM AREA 0.2380 Ac. ±  
 NET AREA LOT II 3.0000 Ac. ±

LOT  
 GROSS  
 PIPE  
 NET

TREE MAINTENANCE EASEMENT: TEN FEET IN WIDTH OF PUBLIC ROAD RIGHT-OF-WAY AS SHOWN ON THIS PLAT OF ALL LOTS FRONTING ON THE SAID PUBLIC ROAD RIGHT-OF-WAY HOWARD COUNTY THE RIGHT TO ACCESS THE PROPERTY, WHEN PURPOSE OF INSTALLATION, REPAIR AND MAINTENANCE OF COUL WITHIN THE BOUNDARIES OF PRIVATE LOTS. NO BUILDING OR STRUCTURE ON OR OVER THE SAID ESMT. LINE AREA.

FALL DEV., INC.  
 L. 19413, F. 322



STORMWATER  
 MANAGEMENT  
 DRAINAGE & UTILITY  
 SYSTEM

LOT 13  
 3.7717 Act

LOT 12  
 3.2242 Act

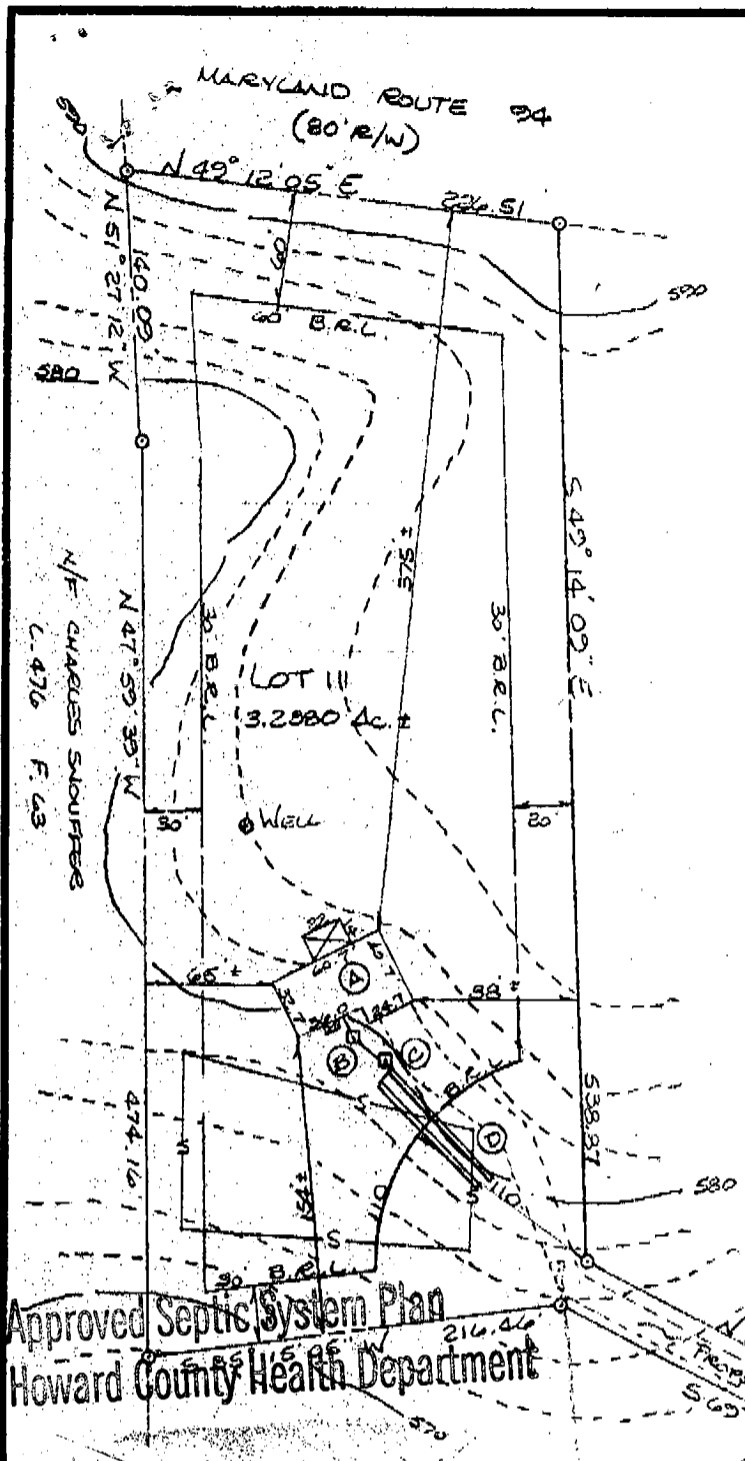
LOT 11  
 3.2380  
 Act

VEHICULAR  
 INGRESS AND  
 EGRESS IS  
 RESTRICTED

VEHICULAR INGRESS AND EGRESS IS RESTRICTED

LAND DEDICATED TO HOWARD COUNTY, MARYLAND FOR PURPOSE OF PUBLIC ROAD 19.368 ± OR 0.4446 AC ±

HOWARD COUNTY PURPOSE



- Ⓐ = PROP. 4 BEDROOM HOUSE  
F.F. ELEV. = 585.5  
BEAMT. ELEV. = 576.0  
INV. ELEV. = 576.6
- Ⓑ = PROP. SEPTIC TANK  
EX. ELEV. =  
INV. IN = 576.5  
INV. OUT = 576.2
- Ⓒ = PROP. DIST. BOX  
EX. ELEV. = 579.3  
INV. ELEV. = 576.1
- Ⓓ = PROP. TRENCHES  
INV. ELEV. = 575.8  
3' STONE, 6.5' BOTTOM MAX.  
LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT  
ISSUANCE.

Approved Septic System Plan  
Howard County Health Department

Approved Septic System Plan  
Howard County Health Department

Signature \_\_\_\_\_ Date \_\_\_\_\_

Mark E. Hilken 4/18/94  
Signature \_\_\_\_\_ Date \_\_\_\_\_

LOT II, SECTION I  
LISBON ESTATES  
1612 BRITTLE BRANCH WAY  
ELECTION DISTRICT N=4  
HOWARD COUNTY, MARYLAND  
SCALE: 1"=100' APRIL 1994



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 # 0447	0451 0605

**NH NASSAUX - HEMSLEY, INC.**

4140 RIDGE ROAD  
TAYLORSVILLE, MARYLAND  
410-875-0722 21157

87725