

6/1/87  
LATE AM.

8/26/87  
ANYTIME

05-402441

# PERMIT

P 3929

A 35400

SEWAGE DISPOSAL SYSTEM  
MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

## INDEXED

DATE 4/30/87

DATE SYSTEM APPROVED 8-26-87

INSPECTOR JEN

*I.C.O.P issued only  
Time expired*

Lendrim Contracting, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 14010 Forsythe Road, Sykesville, Maryland 21784 PHONE 442-2416

SUBDIVISION Fox Hall Villas ROAD 13307 Elliott Drive LOT 6, Section 2

PROPERTY OWNER Michael Molinaro

ADDRESS \_\_\_\_\_

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 140 feet from the left lot line and 280 feet from the front lot line as seen when facing the property from Elliott Drive. Run trench(s) along contour toward left-rear part of property. (Septic tank and trenches must all be at least 100 feet from the well.)

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

PLANS APPROVED BY C. Williams DATE 1/29/87 Revised

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.

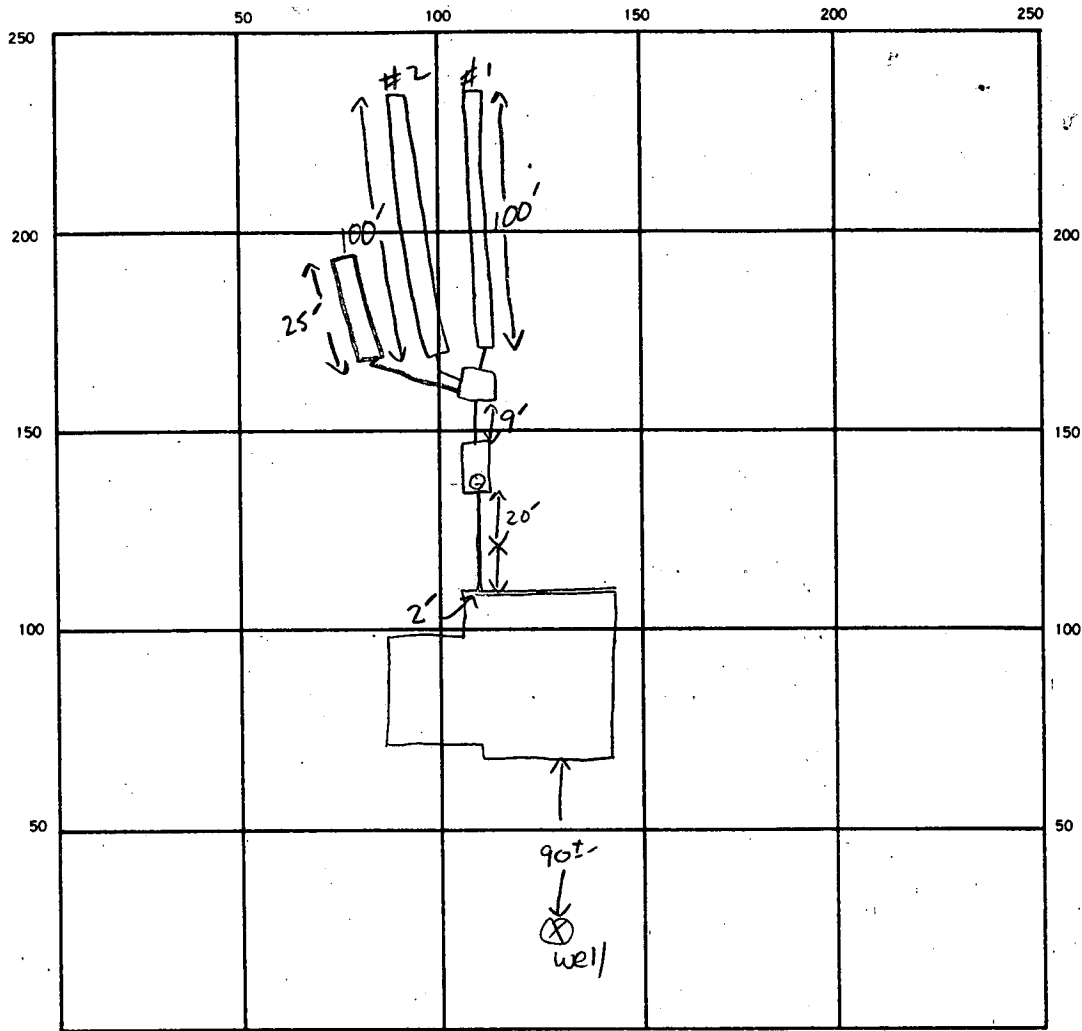
**BUDG. PERMIT SIGNED  
AND RETURNED** 5/1/89

Serial # 25320

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS. *3 level dnd*

A-35400



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.  
 ELLIOTT DR.

SEPTIC TANK LEVEL ✓ 2000 GAL CLEANOUTS ✓

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD TILE FIELD DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 4 4 FT. TOTAL LENGTH 100 100 25 FT. TOTAL 225

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 900 SQ. FT.

REMARKS 5/1/87 OK TO ADD SPARK #1 & 2 + DIG #3; OK TO COVER #1 & 2 DIG #3; OK TO COVER ALL WORK - FINAL WHEN HOUSE CONNECTION MADE. S.A.H.S 8-26-87 Plumbing in basement extends to outer wall. Septic tank line attached to house, toilet flushed and flowed into tank. JEN

DATE SYSTEM APPROVED 8-26-87 INSPECTOR Jane E. Nadeau

FOX HALL VILLAS

SUBDIVISION:

SECTION II

LOT NUMBER: 6

ELLIOTT DRIVE

DRY WELL OR DRY WELL AND TRENCH

	Septic Tank	_____ sq. ft./bedroom
		<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 2 wide.

Inlet 3 feet below original grade.

Bottom maximum depth 7 feet below original grade.

Effective area begins at 3 feet below original grade.

4 feet of stone below distribution pipe.

5-Beul.  
No.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 140' FROM  
THE LEFT LOT LINE AND 280' FROM THE  
FRONT LOT LINE AS SEEN WHEN FACING THE PROPERTY  
FROM ELLIOTT DRIVE, RUN TRENCH(S) ALONG CENTUR,  
TOWARD LEFT-REAR PART OF PROPERTY. (SEPTIC TANK  
AND TRENCHES MUST ALL BE AT LEAST 100' FROM THE WELL.)

REVISED 1/29/87 C. Williams



5/9/85

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35400

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 5TH

DATE 4-24-85

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 DAVID N. ELLIOTT Michael Molinaro

ADDRESS 6581 COLUMBIA PIKE, COLUMBIA PHONE 997-5833

PROPERTY LOCATION:

SUBDIVISION FOXNALL VILLAS LOT NO. 6

ROAD AND DESCRIPTION OFF FRIEDBERG HILL ROAD ON ELLIOTT DRIVE

SIZE OF LOT 3 acre TYPE BLDG. res. 3-4  
(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. David N. Elliott  
(SIGNATURE OF APPLICANT)

APPROVED BY B. Hodges FOR SHALLOW TRENCHES DATE 9/2/86

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

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

REASONS FOR REJECTION OR HOLDING 5/13/85 - PERC OR HOLD FOR PERC  
9/2/86 Spec written R/L

BLDG. PERMIT SIGNED  
AND RETURNED 2-18-87  
8/10

BL # 9904

# 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

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35410

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 574

DATE 4-24-85

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 DAVID N. ELLIOTT  
ADDRESS 6581 Columbia Pike, Columbia PHONE 997-5833

PROPERTY LOCATION:

SUBDIVISION FOX HALL VILLAS LOT NO. 6  
ROAD AND DESCRIPTION ELLIOTT ~~ROAD~~ DRIVE

SIZE OF LOT 3 acre TYPE BLDG. res. 3-4  
(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.

David N. Elliott  
(SIGNATURE OF APPLICANT)

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

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

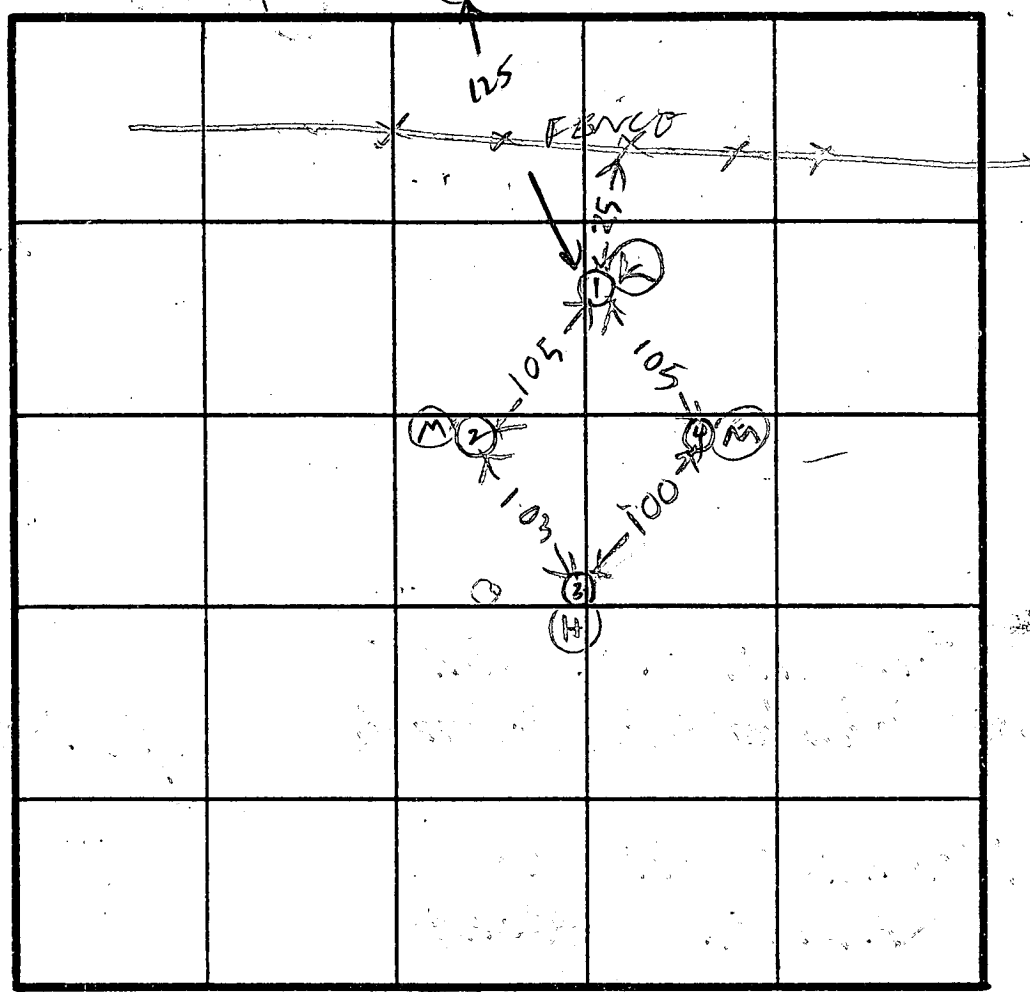
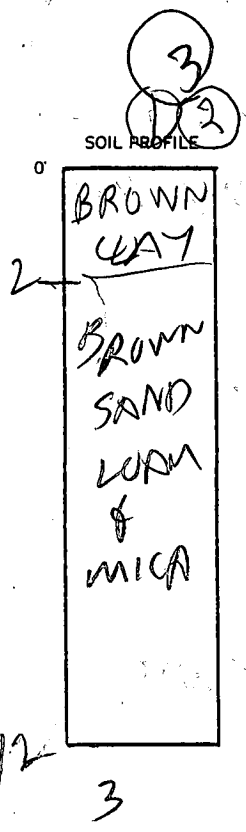
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

## THIS IS NOT A PERMIT

Lot 66

⑤ ← 125 → ⑥

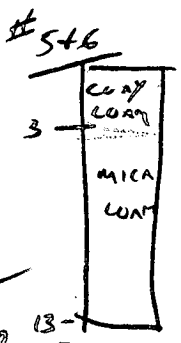
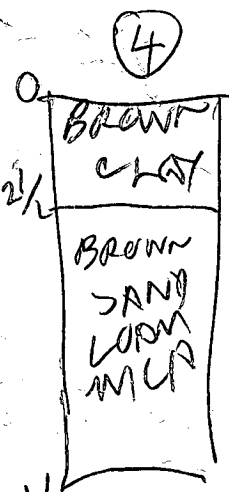


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ELLIOTT RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/13/85	1 S	3	1212	1213	1213	1218	5
	1 V	12	LOOKS	PL	LOOK	PE	
	2 S	3 1/2	1215	1216	1216	1222	5
	2 V	12	LOOKS	OK			
	3 S	4 1/2	1219	1221	1221	1224	3
	3 V	12	LOOKS	OK			
	4 S	14	1220	1226	1226	1230	4
	4 V	11	LOOKS	OK			
12/18/85	5	VISUAL	TEST ONLY	MICA LOAM	3-13'		✓
	6						✓
							✓
							✓

at  
line  
4  
Max  
Depth



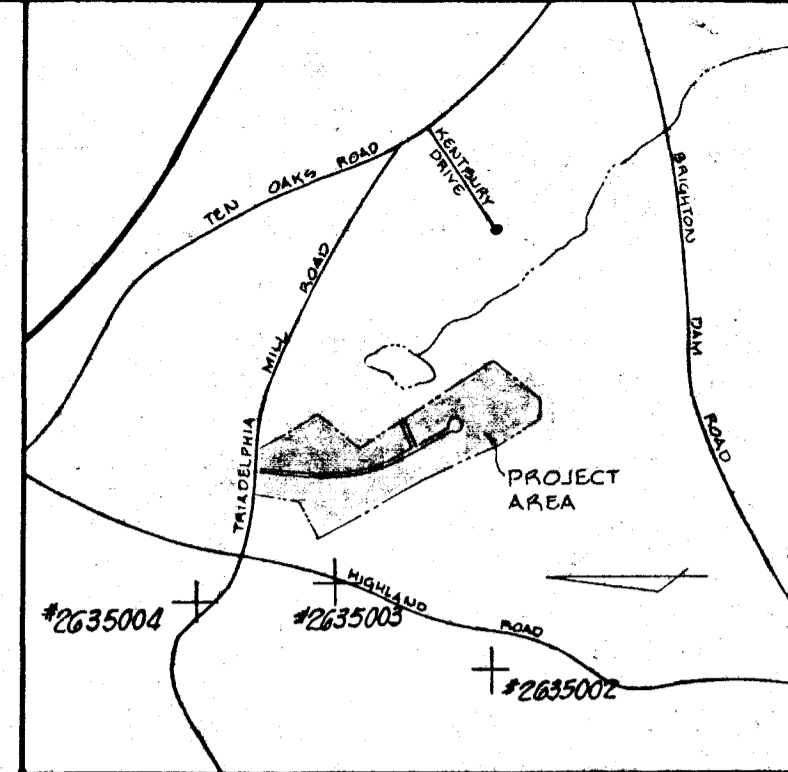
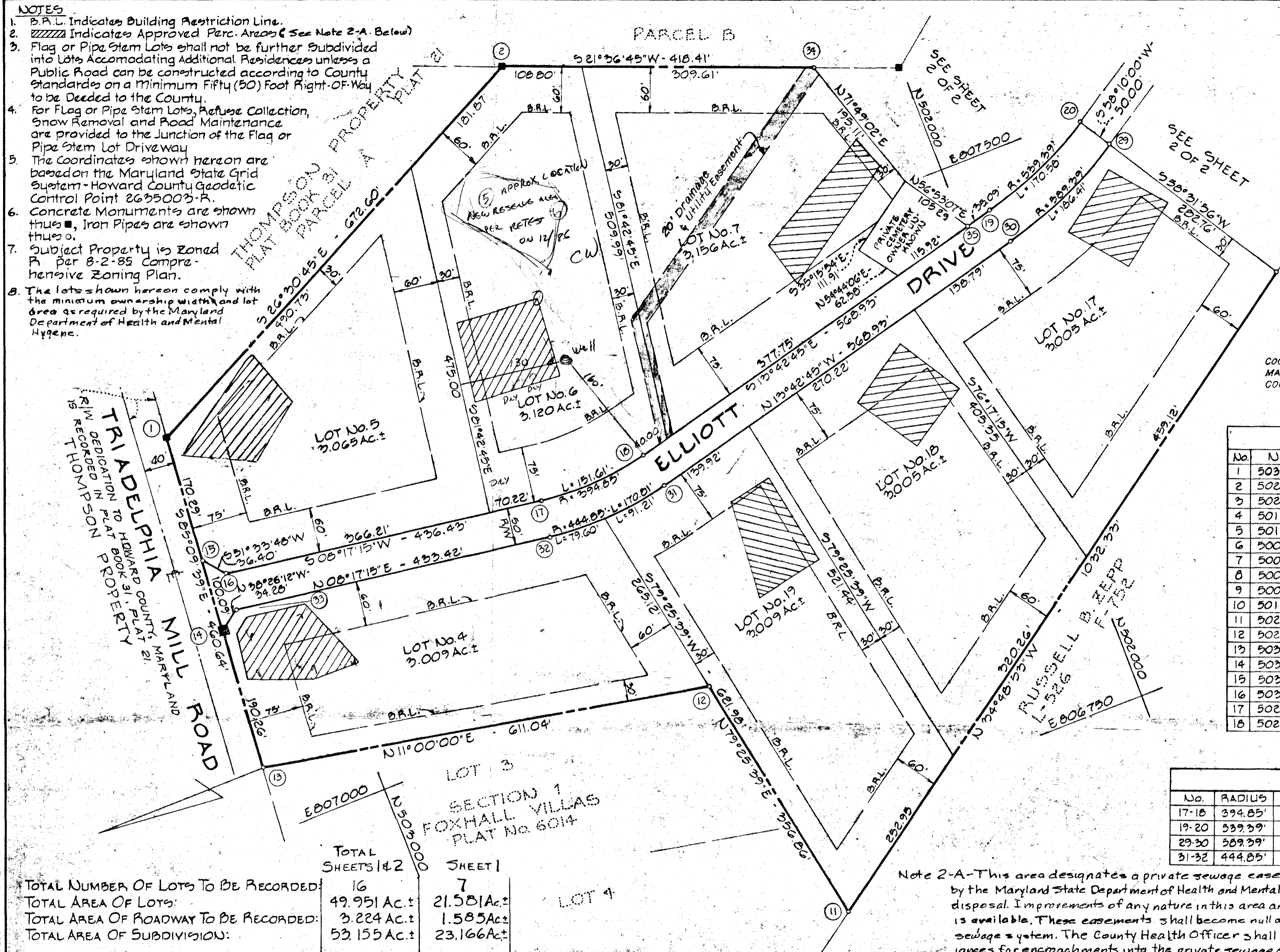
REMARKS: HOLLOW DUG PER SURVEYOR ALST

TYPE OF SOIL \_\_\_\_\_  
TESTED BY: B. HODGES

BYOC complaint  
BRUCE TERRY & JEFF  
ALSO PRESENT D. ELLIOTT OWNER

**NOTES**

1. B.R.L. Indicates Building Restriction Line.
2. Hatched Areas Indicate Approved Perc. Areas (See Note 2-A Below)
3. Flag or Pipe Stem Lots shall not be further subdivided into lots accommodating additional residences unless a Public Road can be constructed according to County Standards on a Minimum Fifty (50) Foot Right-Of-Way to be Deeded to the County.
4. For Flag or Pipe Stem Lots, Refuse Collection, Snow Removal and Road Maintenance are provided to the Junction of the Flag or Pipe Stem Lot Driveway.
5. The Coordinates shown hereon are based on the Maryland State Grid System - Howard County Geodetic Control Point 2635003-R.
6. Concrete Monuments are shown thus ■, Iron Pipes are shown thus ○.
7. Subject Property is Zoned R per 8-2-85 Comprehensive Zoning Plan.
8. The lots shown hereon comply with the minimum ownership width and lot area as required by the Maryland Department of Health and Mental Hygiene.



VICINITY MAP  
SCALE: 1" = 2000'

COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID AS PROJECTED BY HOWARD COUNTY STA. NO. 2635002 & NO. 2635004

COORDINATES					
No.	NORTH	EAST	No.	NORTH	EAST
1	503102.067	807546.888	19	501958.705	807427.779
2	502500.200	807847.132	20	501802.068	807493.510
3	502004.080	807650.580	21	501523.945	807666.185
4	501657.052	807927.991	22	501313.891	807700.616
5	501617.724	807959.429	23	501473.411	807726.988
6	500610.348	808764.720	24	501439.986	807718.930
7	500120.785	808310.740	25	501029.010	807973.475
8	500164.258	808130.612	26	501015.446	807992.930
9	500519.582	807833.334	27	500979.184	807924.522
10	501506.696	807294.302	28	501002.637	807920.996
11	502473.637	806620.501	29	501773.695	807451.057
12	502341.113	806971.301	30	501946.833	807379.204
13	503140.926	807087.873	31	502499.366	807244.339
14	503124.876	807277.471	32	502669.137	807236.305
15	503116.433	807377.205	33	503038.028	807298.778
16	503093.803	807348.691	34	502111.208	807693.022
17	502661.930	807283.783	35	501992.793	807419.445
18	502511.418	807292.914	36	501628.089	807209.885

CURVE DATA						
No.	RADIUS	ARC	DELTA	TANGENT	CHORD	CHDBEARING
17-18	394.85'	151.61	022°00'00"	76.75'	150.68'	S02°42'45"E
19-20	539.39'	170.58	018°07'15"	86.01'	169.88'	S22°46'22"E
29-30	589.39'	186.41	018°07'15"	93.99'	185.65'	N22°46'22"W
31-32	444.85'	170.81	022°00'00"	86.47'	169.76'	N02°42'45"W

Note 2-A - This area designates a private sewage easement of 10000 sq. ft. 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.

TOTAL NUMBER OF LOTS TO BE RECORDED: 16  
 TOTAL AREA OF LOTS: 49.951 Ac. ±  
 TOTAL AREA OF ROADWAY TO BE RECORDED: 3.224 Ac. ±  
 TOTAL AREA OF SUBDIVISION: 53.155 Ac. ±

TOTAL SHEETS: 12  
 SHEET: 7

APPROVED: For Private Water and Private Sewerage Systems.

*James Beckler* 12-11-86  
 COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning.

*Thomas Haring* 12-15-86  
 DIRECTOR DATE

APPROVED: For Storm Drainage Systems and Public Roads. Howard County Department of Public Works.

*Samuel Nalley* 12-12-86  
 DIRECTOR DATE

**OWNER'S CERTIFICATE**

We, David N. Elliott and Suzanne Elliott, his Wife, owners of the property shown and described hereon adopt this plan of subdivision and in consideration of the approval of this Final Plat by the Office of Planning and Zoning, establish the minimum Building Restriction Lines and grant unto Howard County, Maryland, its successors and assigns (1) the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services in and under all roads and street Right-Of-Ways and the specific easement areas shown hereon, (2) the right to require Dedication for Public Use of the streets and/or roads and floodplains and Open Space where applicable, and for good and other valuable consideration, hereby grant the right and option to Howard County to acquire the Fee Simple Title to the streets and/or roads and floodplains, storm drainage facilities and Open Space where applicable and (3) the right to require Dedication of waterways and Drainage Easements for the specific purpose of their construction, repair and maintenance; and (4) that no building or structure of any kind shall be erected on or over the said Easements and Right-Of-Ways.

Witness our hands this 3 day of April 1986  
*David N. Elliott*  
 DAVID N. ELLIOTT

*Suzanne Elliott*  
 SUZANNE ELLIOTT

*Jack Clark*  
 WITNESS

**SURVEYOR'S CERTIFICATE**

I hereby certify that the Final Plat shown hereon is correct; that it is a subdivision of part of the land conveyed by Earl A. Thompson and Wife to David N. Elliott and Suzanne Elliott, his Wife, by a Deed dated December 8<sup>th</sup>, 1980 and recorded among the Land Records of Howard County, Maryland in Liber 1050 at Folio 0633 and that all Monuments are in place, or will be in place, prior to the acceptance of the streets in the subdivision by Howard County, as shown, in accordance with the Annotated Code of Maryland, as amended.

4-2-86 DATE  
*Jack Clark*  
 JACK E. CLARK  
 Registered Professional Land Surveyor - Md. Registration No. 4579  
 THE J.E. CLARK CO.  
 P.O. Box 147  
 LAUREL, MD. 20707

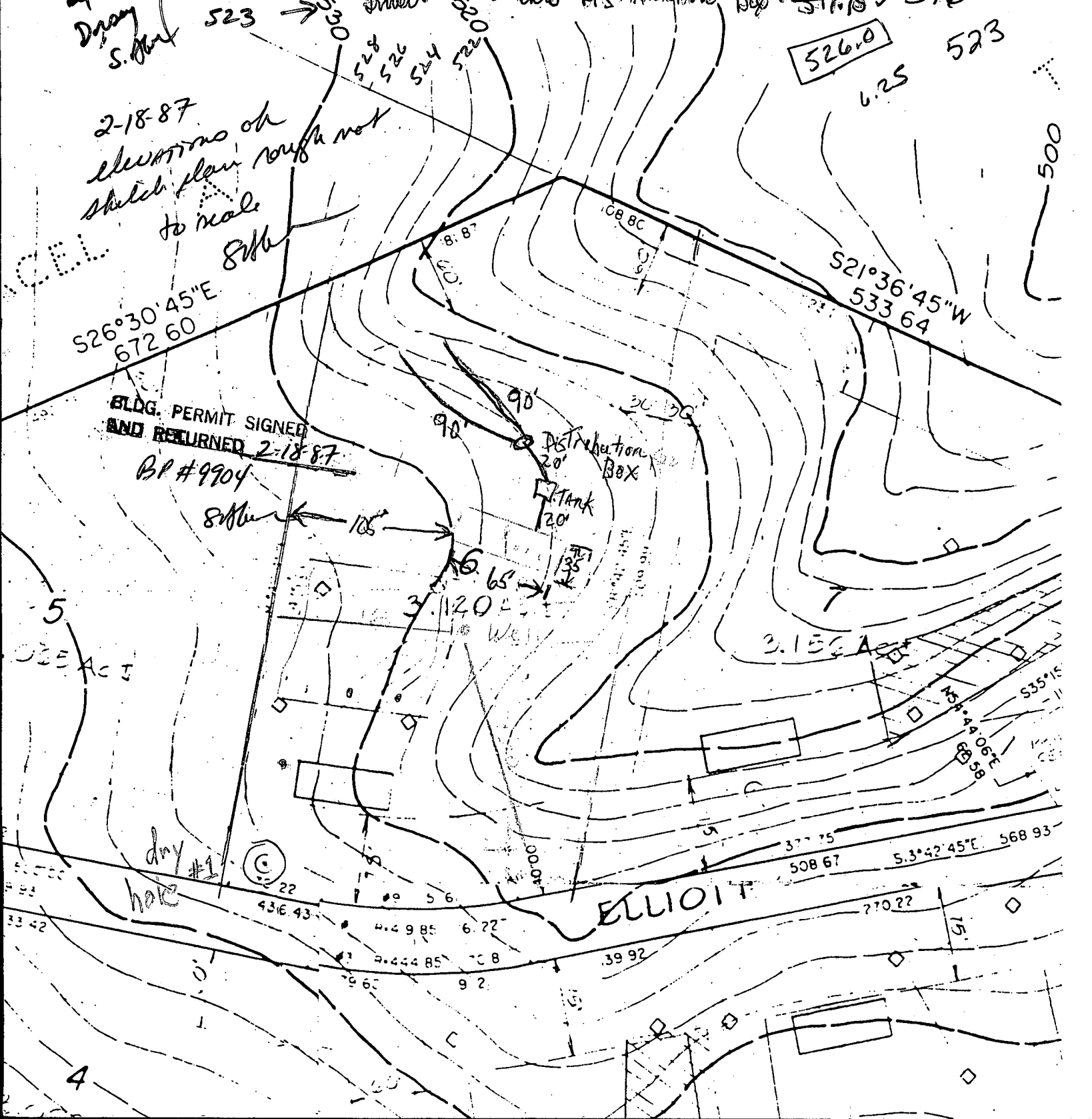
RECORDED AS PLAT 7018 ON 12/16/86 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

**FOXHALL VILLAS**  
 SECTION 2  
 LOTS 4 THRU 19  
 A RESUBDIVISION OF PART OF THOMPSON PROPERTY  
 5<sup>TH</sup> ELECTION DISTRICT - HOWARD COUNTY, MD.  
 3-84-18 P-84-35 F-86-205  
 TAX MAP 34 PARCEL 359  
 SCALE: 1" = 100' FEBRUARY 1986  
 SHEET OF 2

- COARCTED  
ELEVATIONS
- 526 → House 1<sup>st</sup> Floor Elev - 526.0" ✓
  - 518 → Basement - Elev 518.0" ✓
  - 524.2 → Invert out of House - 524.2" ✓
  - 523.75 → Invert Elev. into Septic Tank - 523.75" ✓ 518
  - 523.5 → Invert Elev. out of Septic Tank - 520.75" ✓ 517.75
  - 523 → Invert Elev. into Distribution Box - 517.75" ✓ 516

info supplied  
by Phil  
Dray  
S. Hart

2-18-87  
elevations on  
sketch plan rough not  
to scale



S26°30'45"E  
672.60

BLDG. PERMIT SIGNED  
AND RETURNED 2-18-87  
BP #9904

526.0

S21°36'45"W  
533.64

Distribution Box

Tank

3.156 AC

ELLIOTT

dry hole

S35°15'  
535.15  
S53°44'05"E  
688.59

436.43  
4.4985  
6.22  
7.44485  
9.2

39.92

770.22

522.5

500

523

6.25

8.8'

90'

90'

30' 30'

16.65'

3.120'

5  
USE ACT

4



B 1 5033

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-81-1790

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

please print or type

fill in this form completely

Date Received

11/4/87

11 12 87

OWNER INFORMATION

MOLINARO MICHAEL

10715 CHARLES DRIVE

COLUMBIA MD 21044

B 3

LOCATION OF WELL

HOWARD

FEXHALL VILLAGES

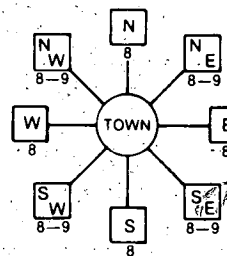
SECTION 2 LOT 1

DNYFCW

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

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Elbert Drive

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD

ENTER FT or MI 17

B 2

WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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

County Name Howard County
OEP Signature [Signature]
Date Issued 11/28/87
North Grid 502000 East Grid 0807000

APPROXIMATE DEPTH OF WELL 200 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

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 deepen 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

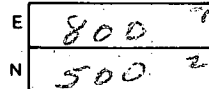
FORCE PERMIT No. 40-81-1790

SPECIAL CONDITIONS

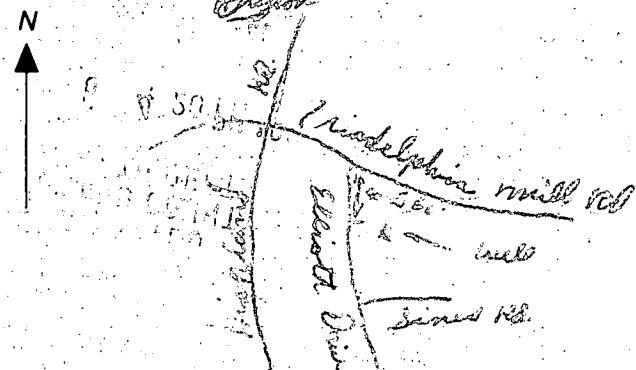
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

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





FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1790  
 Location of property (road) Elliott Dr.  
 Subdivision Foxhall Villas II Lot 6 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller Joseph Mayne Owner Mike Molinaro

Depth of well 325'  
 Distance of measuring point (M.P.) above ground 1'  
 Static water level (S.W.L.) below M.P. 25'

I. High rate pumping -- reservoir drawdown  
 Time pump started 8:00 Pumping rate 12  
 Total time 45 MIN to reach pumping water level \_\_\_\_\_ 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 7 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:15	53	5		12
8:30	143	5		12
8:45	184	5		12
9:00	184	30		2
9:15	184	30		2
9:30	184	30		2
9:45	184	30		2
10:00	184	30		2
10:15	184	30		2
10:30	184	30		2
10:45	184	30		2
11:00	184	30		2
11:15	184	30		2
11:30	184	30		2
11:45	184	30		2
12:00	184	30		2
12:15	184	30		2
12:30	184	30		2
12:45	184	30		2
1:00	184	30		2
1:15	184	30		2
1:30	184	30		2
1:45	184	30		2
2:00	184	30		2
2:15	184	30		2

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department  
 Bureau of Environmental Health  
 3525-H Ellicott Mills Drive  
 Court House Square  
 Ellicott City, Md. 21043  
 461-9933

New Installation 1  
 Replacement \_\_\_\_\_

Receipt # 39459  
 Date 6/15/87

Name of Installer R A WOOD PLUMBER

Telephone 381-4823

License number 7040

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber

Name of Property Owner MALINARO Telephone 997-5828

Subdivision \_\_\_\_\_ Lot # \_\_\_\_\_ Well tag # \_\_\_\_\_

Site Address 13307 ELLIOTT DRIVE  
CLARKSVILLE MD

<b>Pump</b>	<b>Motor</b>	<b>Pitless Adapter</b>
1. Type	1. Horsepower <u>1/2</u>	1. Make _____
a. Deep well jet _____	2. RPM <u>1750</u>	2. Model # _____
b. Shallow well jet _____	3. Voltage _____	3. Depth _____
c. Submersible <input checked="" type="checkbox"/>	a. 110 _____	
2. Make <u>JACUZZI</u>	b. 220 <u>1</u>	
3. Model # <u>7EM7</u>		
4. Capacity <u>5</u> GPM		
5. Pump exceeds well capacity Yes _____ No <input checked="" type="checkbox"/>		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No <input checked="" type="checkbox"/>		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors <input checked="" type="checkbox"/> Cable guards <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/>		

<b>Tank</b>	<b>Piping</b>	<b>Well data</b>
1. Capacity <u>46 GAL</u>	1. Type <u>POLYBUTYLENE</u>	1. Depth <u>180 ft.</u>
2. Pressure relief valve? <u>75 PSI</u>	2. Size <u>1"</u>	2. Yield <u>3 GPM</u>
	3. NSF and/or BOCA Code approved <input checked="" type="checkbox"/>	3. Static water level <u>40 ft.</u>
	4. Depth of supply line <u>4'</u>	4. Will water supply be disinfected by installer? <u>Yes.</u>

6/24/87 Pitless Adapter & well line at 4.5-5'; Inside work not complete site

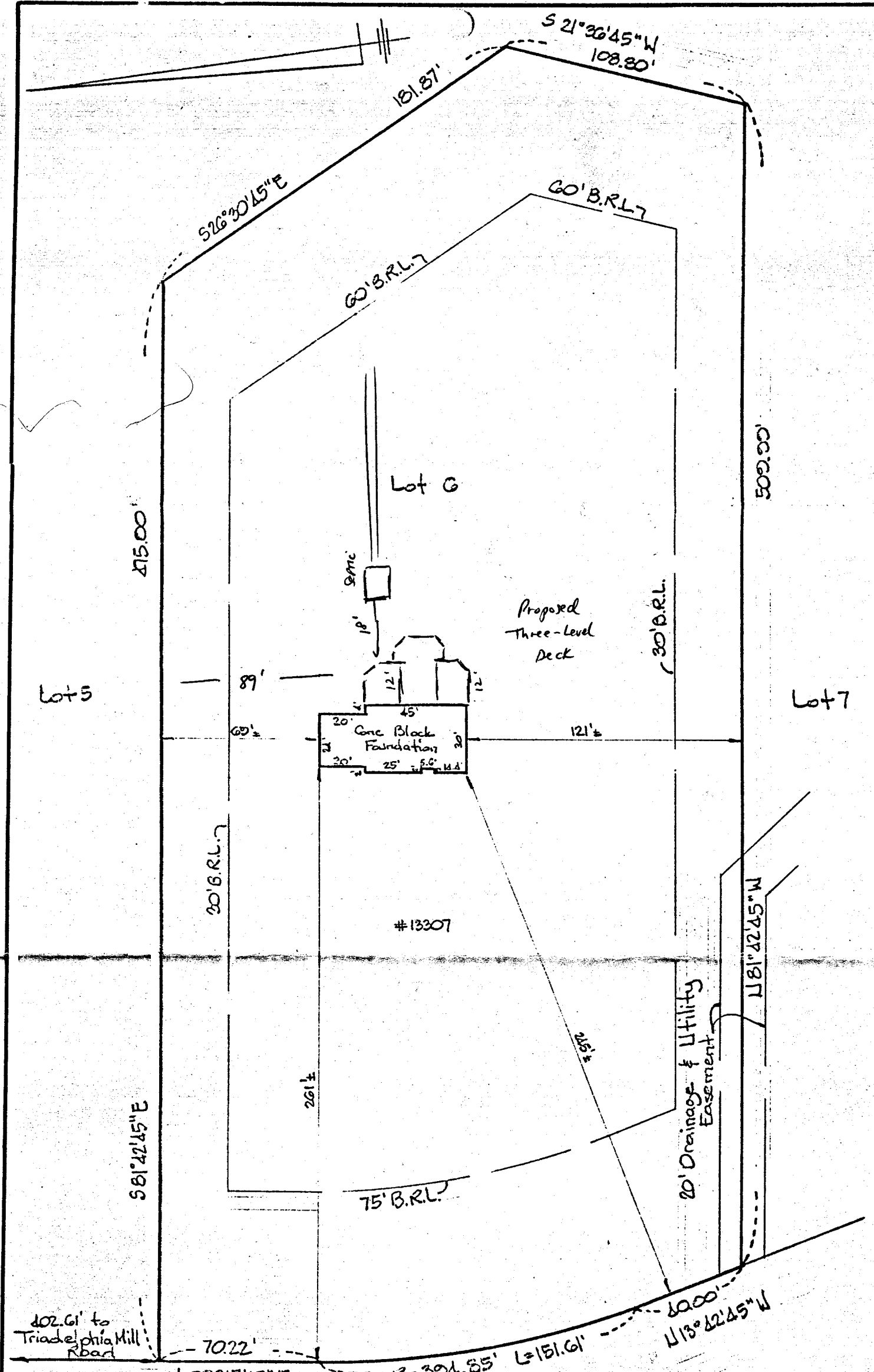
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: Roy A Wood

Date: June 15 1987

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



1 May 89  
 OK to sign  
 R/P

STATE OF MARYLAND  
 W. E. SINGLETON, JR.  
 PROFESSIONAL SURVEYOR  
 No. 299  
 BALTIMORE

THIS IS TO CERTIFY That The Improvements Indicated Hereon Are Located As Shown. This Is Not A Property Line Survey And Should Not Be Used As Such.

<b>HICKS ENGINEERING COMPANY, INC.</b> ENGINEERS • SURVEYORS • PLANNERS 200 EAST JOPPA ROAD - SUITE 402 TOWSON, MARYLAND 21204 TELEPHONE: 301/494-0001	LOCATION CERTIFICATION #13307 ELLIOTT DRIVE ; LOT 6 "FOX HALL VILLAS" SECTION 2 Lots 4-19 HOWARD COUNTY, PAT. C.M.P. #7018		
	DATE: 2/26/87	SCALE: 1" = 50'	FILE: 3909

HE

