

12/3/81

Approved 12/3/81
Stayed P 31743
A 29483

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

04-337646

ELLICOTT CITY

DISTRICT 4th

DATE 12/2/81
~~11/11/81~~

INDEX

Robert L. Orndorff IS PERMITTED TO INSTALL ALTER

ADDRESS 7469 Flamewood Drive, Clarksville, Md. 21029 PHONE 776-0444

SUBDIVISION Brantly ROAD 3376 Brantly Court LOT 20, Sec. 2

PROPERTY OWNER Brantly Development Corporation

ADDRESS 218 Teachers Building, Columbia, Md. 21044 Phone: 730-0810

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.

DRY WELL
AND
TRENCH

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 160 SQ. FT. per bedroom

INLET PIPE 4 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN

FACING LOT FROM

Locate dry well per plat of 3/19/79 and later: 255 ft. from front property line and 10 ft. off rear property line when facing lot from Burntwoods Road. If trench needed leave 5 ft. earth buffer between trench and dry well. Two inspections of trench before and after stone is installed. Run trenches on contour.

PLANS APPROVED BY Charles B. Streaker DATE 5/28/79

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

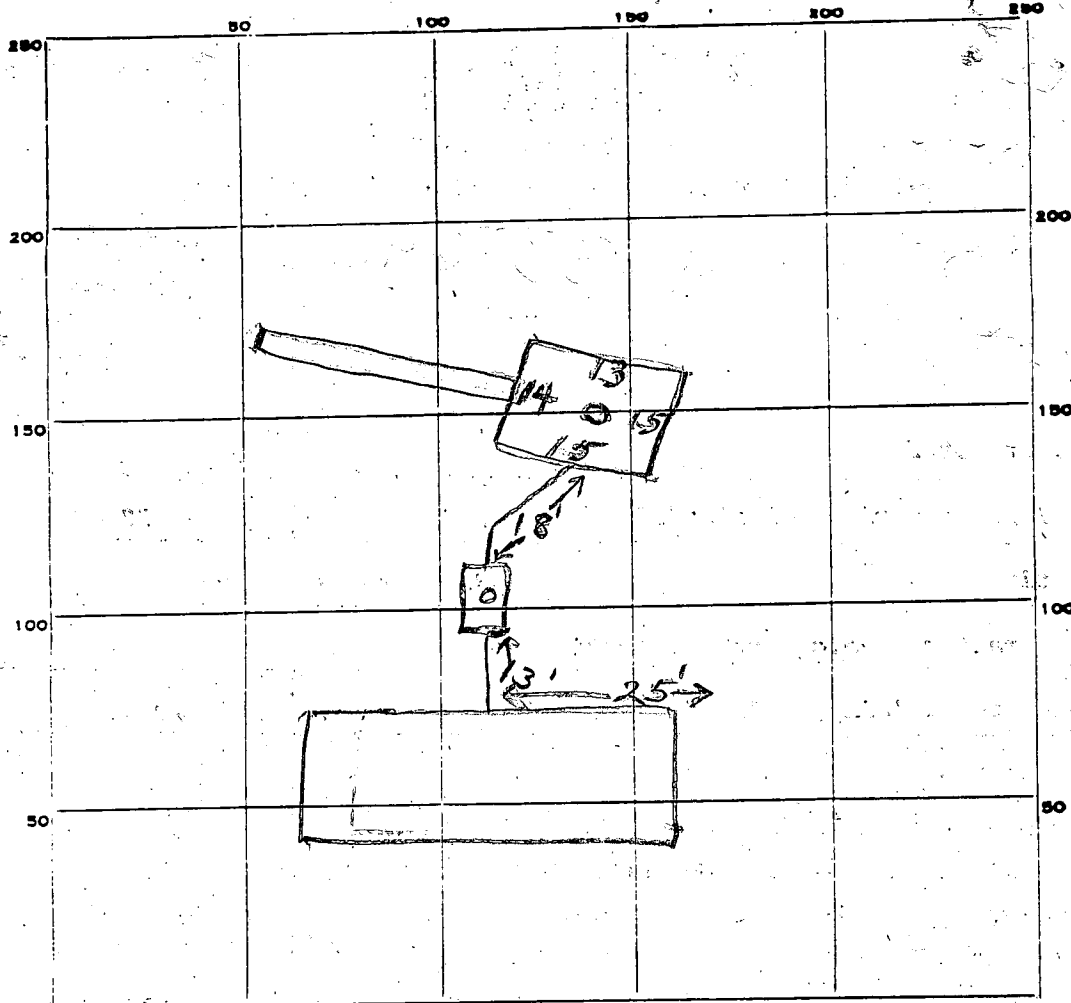
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

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

A 29483

160
4
640

30
27
57
342
300
50
6



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE:

Burntwood Rd

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS

ST/DW

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH

10 1/2

TRENCH WIDTH

2

FT.

GRAVEL DEPTH

6

IN.

TOTAL LENGTH

50

FT.

NUMBER OF TRENCHES

1

TOTAL BOTTOM AREA

300

SEEPAGE PITS, INSIDE DIAMETER

57

DEPTH BELOW INLET

6

FT.

ABSORBENT AREA

642

SQ. FT.

57
6
342

REMARKS

12/3/81 OK to add stones in trenches. fl

12/3/81 OK to cover all work. fl

DATE SYSTEM APPROVED

12/3/81

INSPECTOR

Steyer

S.T. : 3BR - 1000 gal

4BR - 1250 gal

Lot 1920

DW & Trench

The system will contain no less than 195 sq ft of absorbent sidewall area per bedroom. Locate the DW 120 ft from the corner of the 290' and 235' lot lines and 25 ft from the 290' lot line.

The inv. will enter the DW @ 4 ft. below O.G. and the max depth of the DW will not exceed 10 1/2 ft below O.G.

Begin the trench 5 ft from the edge of the DW and follow the contour of the land. The trench will be 2 ft wide, 10 1/2 ft deep, and contain 6 1/2 ft of stone.

2 Inspections Absorbent sidewall area begins at 5' below O.G.

4-13' holes
on 10,000 sq. ft.

APPLICATION

Retest - A29483
~~A 23868~~

Preliminary

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE 465-5000, EXT. 356

DISTRICT Fourth
DATE Aug. 17, 1976

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 Brantly-Associates
c/o H. F. Cole & Company, Inc.
ADDRESS 218 Teachers Building PHONE 730-0810
Columbia, Md. 21044

PROPERTY LOCATION:

SUBDIVISION Brantly LOT NO. 19 20

ROAD AND DESCRIPTION Burnt woods Road

SIZE OF LOT 40,000 s.f. TYPE BLDG. 3 or 4 bedroom
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Hugh Cole

APPROVED BY [Signature] FOR Pure trench DATE 22 Aug 77
(KIND OF SYSTEM)

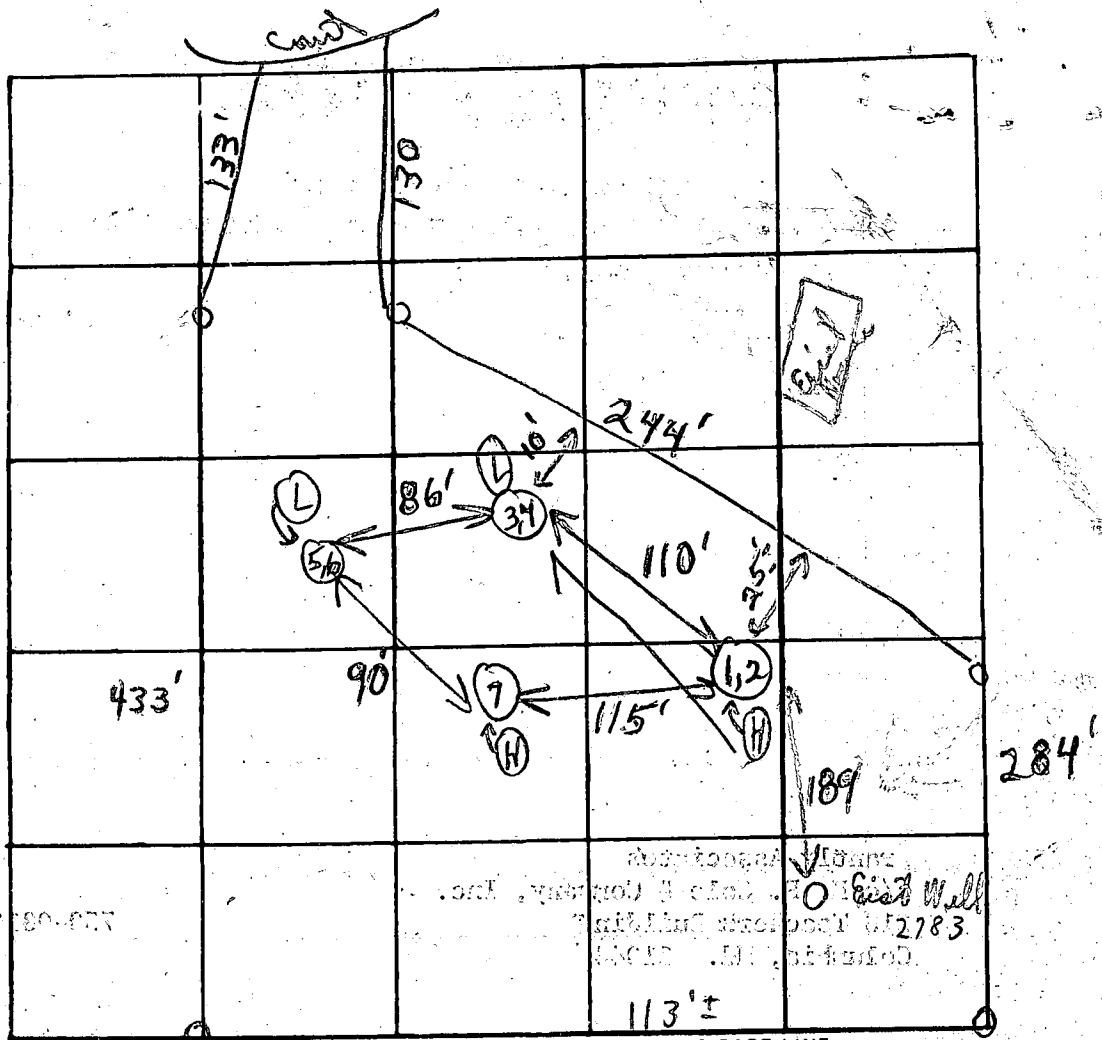
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

20



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Burnwoods Rd

Soil Profile
 Below clay
 Sandy loam
 ↓

DATE	TEST NO.	DEPTH	PRE-WET		TESTING		DROP	TIME
			START	STOP	START	STOP		
3/14/79	1 A	4'	11:02	11:14	1	1	1	11:00
	2	12 1/2'	11:02	11:04	11:04	11:18	14	14
	3 A	3 1/2'	10:43	10:48	10:48	10:48	10:48	13
	④ 4	12 1/2'	10:43	10:51	10:51	11:10	19	19
	⑤ 5	4'	10:42	10:47	10:47	11:00	13	13
	⑥ 6	13'	10:42	10:47	10:47	10:52	5	5
	7	4'-12'	Visual					5,6
	3 B	5'	11:15	11:20	11:20	11:35	15	15
	1 B	4 1/2'	11:38	11:40	11:40	11:47	7	7

Field sheet
 Tests per plan
 33
 18
 22
 13
 6/73
 6
 13

REMARKS Tests in open field Rain

TYPE OF SOIL

TESTED BY C. B. A. ALSO PRESENT: Mr. Ruck Mitchell Wiley crew

APPLICATION

A 213862

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
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PROPERTY OWNER Brantly Associates
c/o H. F. Cole & Company, Inc.
ADDRESS 218 Teachers Building PHONE 730-0810
Columbia, Md. 21044

PROPERTY LOCATION:

SUBDIVISION Brantly LOT NO. 20

ROAD AND DESCRIPTION Burnt woods Road

SIZE OF LOT 40,000 s.f. TYPE BLDG. 3 or 4 bedroom
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Hugh Cole

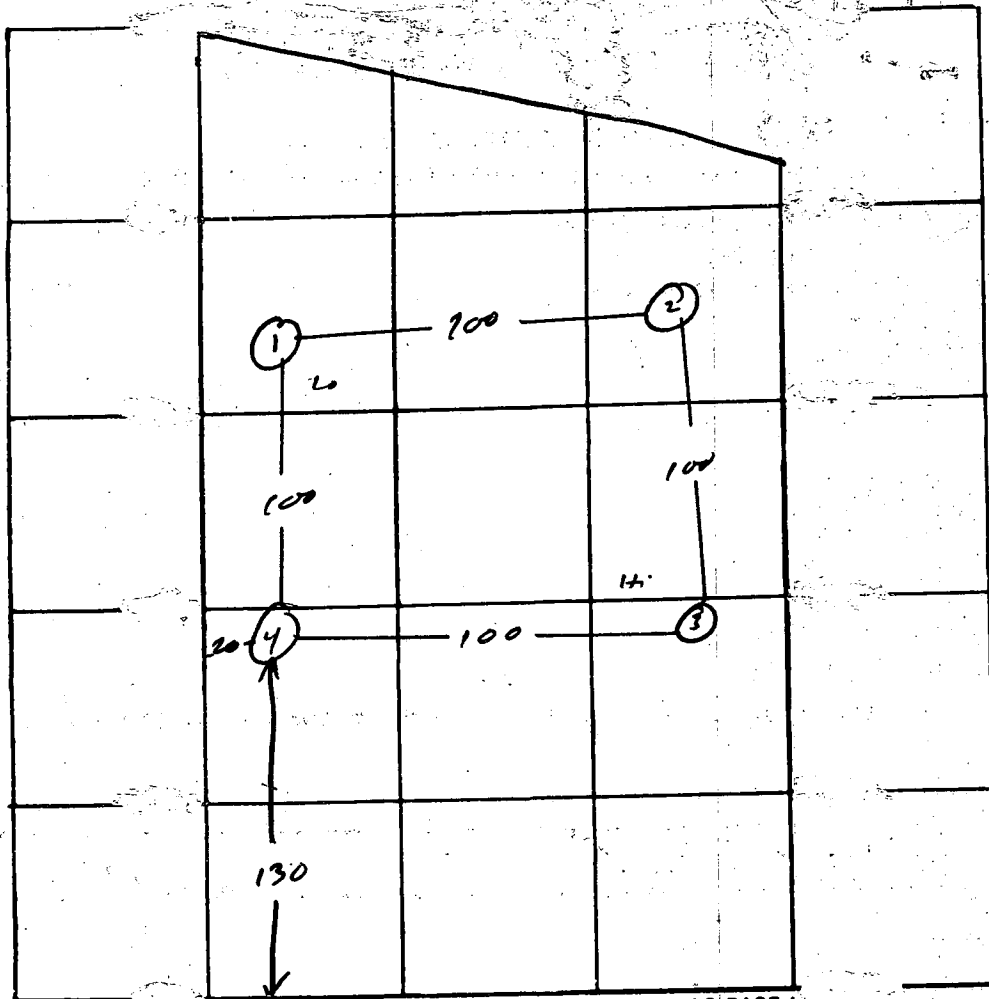
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



Lot 19
20

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE L
Burnt Woods Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/19/70	1	4 1/2	10 ⁰⁰	10 ¹⁰	10 ¹⁰	10 ²⁴	14
	1A	14 1/2	10 ⁰⁰	10 ¹⁰	10 ¹⁰	10 ²⁴	14
	2	5	10 ⁰⁵	10 ²⁵	10 ²⁵	10 ⁵⁰	25
	2A	14 1/2	10 ⁰⁵	10 ¹⁰	10 ¹⁰	10 ¹⁶	6
	3	5	10 ⁰⁸	10 ¹²	10 ¹²	10 ²⁰	8
	3A	14 1/2	10 ⁰⁸	10 ¹²	10 ¹²	10 ²⁰	8
	4	10	vis	dry			

REMARKS _____

TYPE OF SOIL _____

TESTED BY RM ALSO PRESENT: Brittingham

STATE OF MARYLAND

WATER RESOURCES ADMINISTRATION

TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401

APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER

HO 73-2783

FILL IN THIS FORM COMPLETELY

1 7643 (SEQ. NO.)

SEQUENCE NO. (WRA USE ONLY)

DATE RECEIVED (WRA USE ONLY) 10/31/78 10:00 a.m.

OWNER: Twenty-First Development Corporation, COL 15 LAST NAME, COL 16 FIRST NAME, COL 34. STREET OR RFD: 711 - ... Building, COL 36. POST OFFICE: Columbia, Md., COL 57.

B 1 CONTINUED DRILLER INFORMATION. DATE: May 3, 1978. LICENSE NUMBER: 238. DRILLER: Joseph H. Mayne.

B 3 LOCATION OF WELL. COUNTY: Howard. SUBDIVISION: Barnaby. SECTION: A. LOT: 20. NEAREST TOWN: Blensly. MILES FROM TOWN: 1.310.

B 2 WELL INFORMATION. MAXIMUM PUMPING RATE: 5. AVERAGE DAILY QUANTITY NEEDED: 750.

B 4 DIRECTION FROM TOWN. NEAR WHAT ROAD: Barnaby Court. DISTANCE FROM ROAD: 380.

USE FOR WATER. HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) selected.

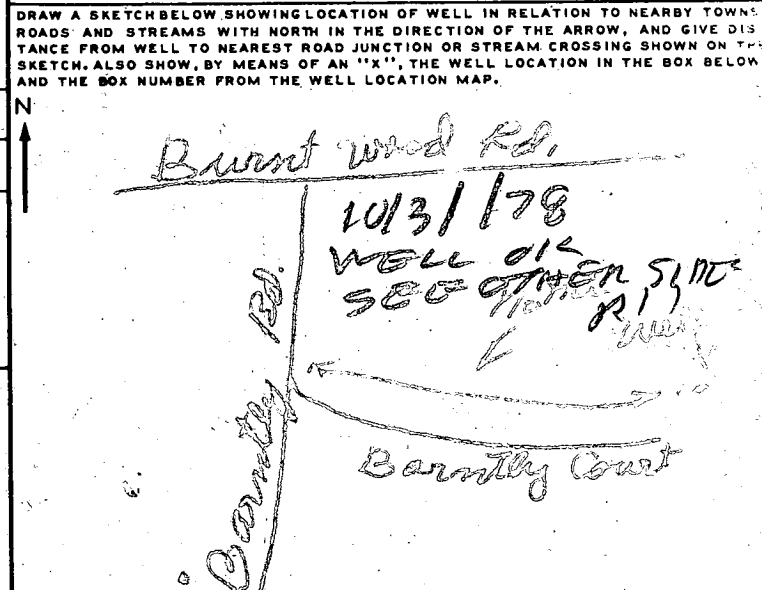
APPROXIMATE DEPTH OF WELL: 300 FEET. APPROXIMATE DIAMETER OF WELL: 6 (NEAREST INCH).

METHOD OF DRILLING USED. BORED (OR AUGERED) selected.

REPLACEMENT OR DEEPEMED WELLS. THIS WELL WILL NOT REPLACE AN EXISTING WELL selected.

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY). FORCE, CONDITIONS, APPROPRIATION PERMIT NUMBER.

B 4 HEALTH DEPARTMENT APPROVAL. COUNTY: Howard. APPROVED BY: Donald W. Montgomerie, Sanitarian.



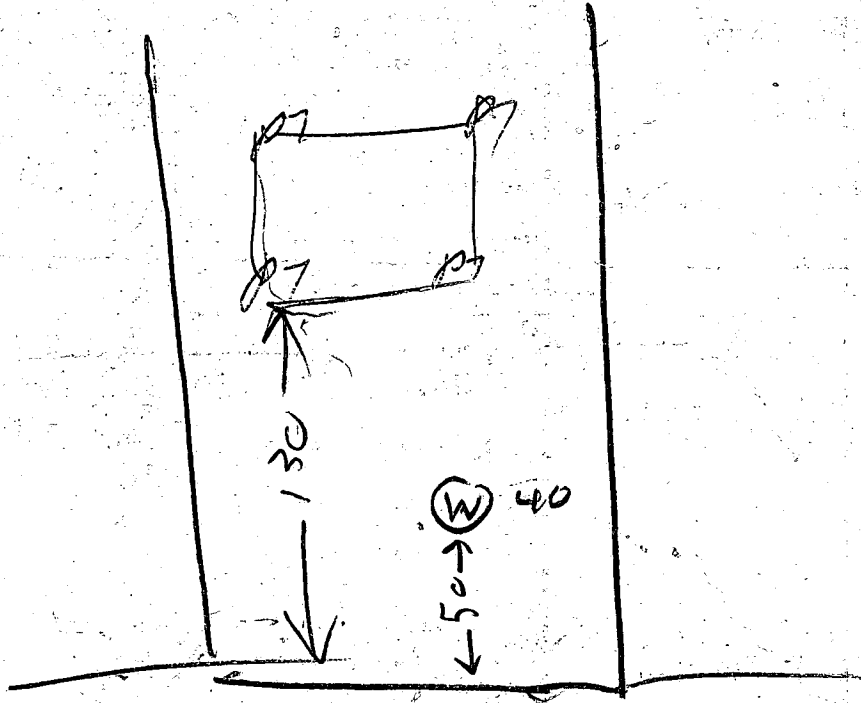
BOX NUMBER: 790, 520. NORTH COORDINATE, EAST COORDINATE, ELEVATION AT WELL HEAD (FEET).

B 5 SPECIAL CONDITIONS 8-69 (WRA USE ONLY). HEALTH 63.

RECEIVED

MAY 18 9 55 AM '78

HOWARD COUNTY
HEALTH DEPT.
ELLICOTT CITY, MD.



BURNT WOODS RD

10/31/78

- ① LOCATION OF WELLOK
- ② 60 FT CASING WITH 1 FT OUT OF GROUND
- ③ 35 FT OPEN HOLE MEASURED WITH A STRING
- ④ 46 FT OPEN HOLE AFTER PIPE JETTED DOWN ANNULAR SPACE
- ⑤ WELL ABOUT 120 FT DEEP
- ⑥ WELL TOOK 10 BAGS
- ⑦ WELLOK

B. Hodges

also Present LARRY MAYNE

C 1 **6423** SEQUENCE NO. (WRA USE ONLY)
 1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETE
 COUNTY NUMBER
 NUMBER

DATE RECEIVED (WRA USE ONLY) 11/24/1975 DEPTH OF WELL 125 PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-73-2783
 DATE WELL COMPLETED 11 20 75 22. (TO NEAREST FOOT) 26. 28 29 30 31 32 33 34 35 36 37
 DRILLERS IDENTIFICATION NO. 291

OWNER Monte... Condominium LAST NAME FIRST NAME
 STREET OR RFD 181... Building POST OFFICE Columbia Md.

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING.
	FROM	TO	
<u>gravel</u>	<u>0</u>	<u>56</u>	
<u>gray sandstone</u>	<u>56</u>	<u>125</u>	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO
 TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT BENTONITE CLAY
 CEMENT BENTONITE CLAY
 NO. OF BAGS 10 NO. OF POUNDS 940
 GALLONS OF WATER 60
 DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 46 FT.
 (ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE
 PLASTIC OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 60

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE
 PLASTIC OTHER

SCREEN

DEPTH (NEAREST WHOLE FOOT) FROM TO

1 HC 57 125
 2
 3

SLOTS SIZE 1. 2. 3.

DIAMETER OF SCREEN 56 60 (NEAREST INCH) FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 F

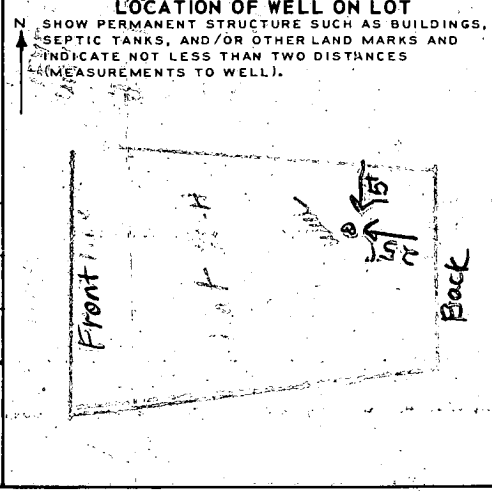
WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) W Q
 TELESCOPE CASING 70 LOG INDICATOR 72 OTHER DATA AVAILABLE 74 75 76

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2
 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 15
 METHOD USED TO MEASURE PUMPING RATE air
 WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 35 (NEAREST FOOT) WHEN PUMPING 5 (NEAREST FOOT)
 TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
 AIR PISTON TURBINE
 CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)
 JET SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO
 CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (NEAREST FOOT) 43 47
 CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT) ABOVE BELOW 2 (NEAREST FOOT)





CIRCLE APPROPRIATE BOXES

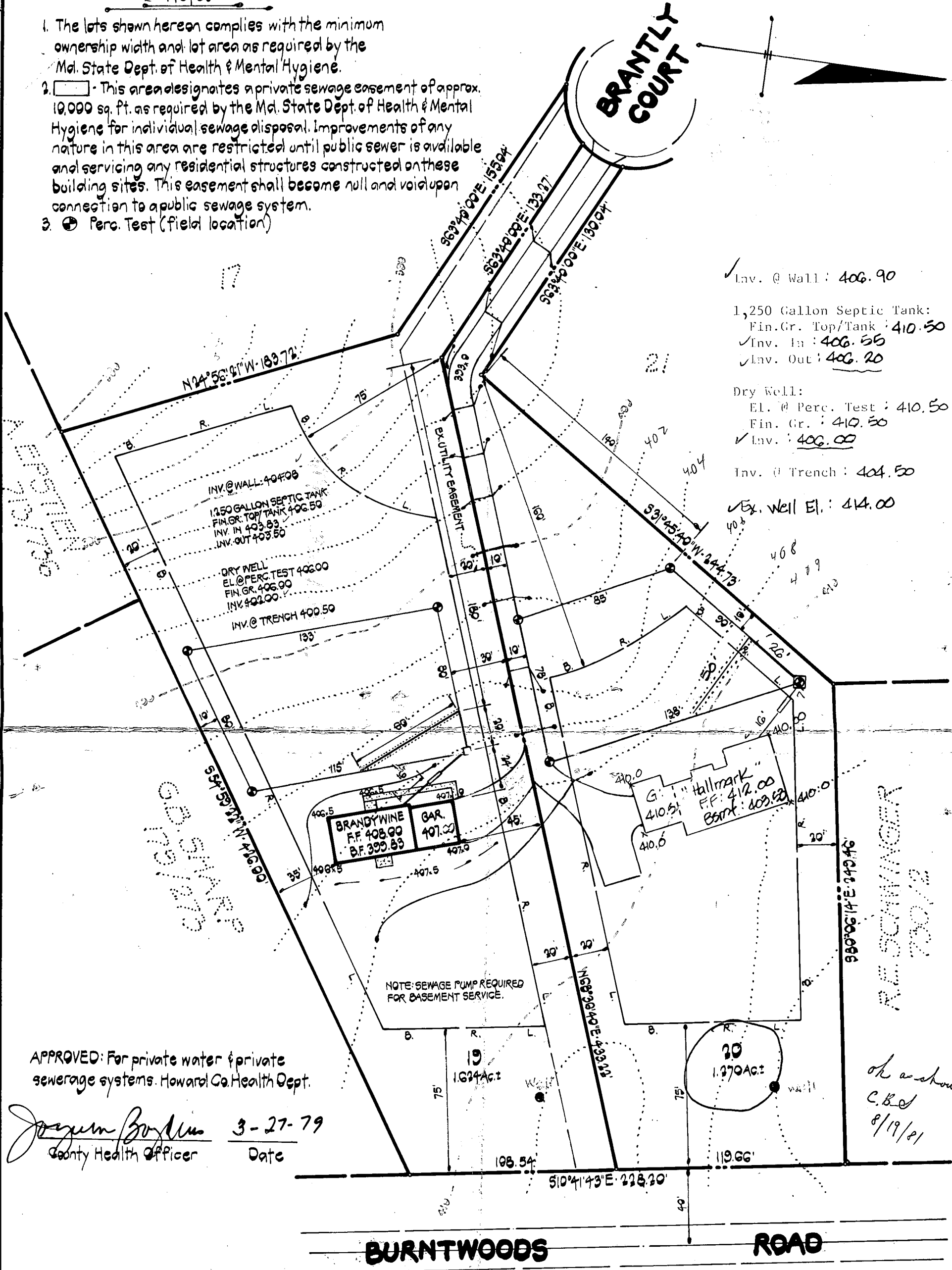
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
 E ELECTRIC LOG OBTAINED
 P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME (PLEASE PRINT) Joseph Mayne
 SIGNATURE Joseph Mayne

Notes

1. The lots shown hereon complies with the minimum ownership width and lot area as required by the Md. State Dept. of Health & Mental Hygiene.
2.  - This area designates a private sewage easement of approx. 10,000 sq. ft. as required by the Md. State Dept. of Health & Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewer is available and servicing any residential structures constructed on these building sites. This easement shall become null and void upon connection to a public sewage system.
3.  Perc. Test (field location)



Inv. @ Wall: 406.90
 1,250 Gallon Septic Tank:
 Fin. Gr. Top/Tank: 410.50
 Inv. In: 406.55
 Inv. Out: 406.20
 Dry Well:
 EL. @ Perc. Test: 410.50
 Fin. Gr.: 410.50
 Inv.: 406.00
 Inv. @ Trench: 404.50
 Ex. Well El.: 414.00

INV. @ WALL: 406.90
 1,250 GALLON SEPTIC TANK
 FIN. GR. TOP/TANK 410.50
 INV. IN 406.55
 INV. OUT 406.20
 DRY WELL
 EL. @ PERC. TEST 410.50
 FIN. GR. 410.50
 INV. 406.00
 INV. @ TRENCH 404.50

BRANDYWINE
 F.F. 408.00
 B.F. 399.89

Hallmark
 F.F. 412.00
 B.F. 409.62

NOTE: SEWAGE PUMP REQUIRED FOR BASEMENT SERVICE.

APPROVED: For private water & private sewerage systems. Howard Co. Health Dept.

Joseph Boylan 3-27-79
 County Health Officer Date

ok as shown
 C.B.C.
 8/19/81

BURNTWOODS ROAD

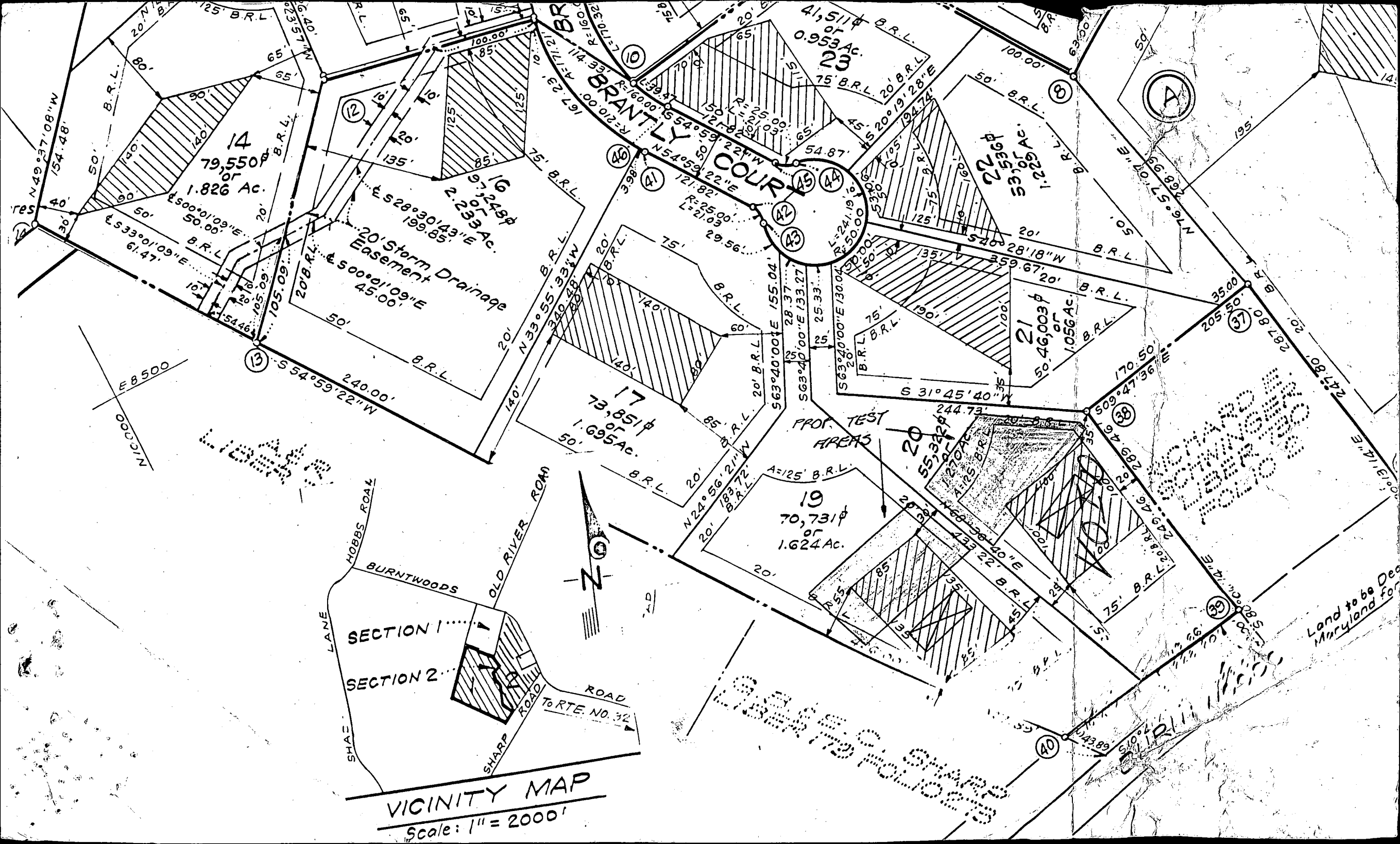
I certify the measurements for the sewage disposal area the sewage disposal area is as designated.

Plat Reference: Plat #3806

John F. Liparini, Md. Reg. No. 8410 Date

BRANTLY DEVELOPMENT CORP.
 218 Teachers Building
 Columbia, Md. 21044
 301-730-0810

BRANTLY SECTION TWO
 BLOCK (A) LOTS 19 & 20
 4th ELECTION DISTRICT HOWARD CO., MD.
 MARCH 19, 1979 SCALE: 1"=50'



VICINITY MAP
 Scale: 1" = 2000'

Land to be Deed
 Maryland for