

APPLICATION

A 23917

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 3DATE 9/10/76HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICESP. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

Recorded
4-13' later in 10,000 ft.
10/14/76 9:30
3/30/77 1:30 p.m.
Backhoe had not shown up by 2:15 pm. WWZ.
4/27/77 1:30 p.m.

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 Harry E. MartinsonADDRESS 19 Powder Horn Drive, Wayne, New Jersey

PHONE

07470any problems (questions)
phone Mrs. O'Neil
1-942-1200

PROPERTY LOCATION:

SUBDIVISION Wooded Acres LOT NO. 4 AROAD AND DESCRIPTION Thompson Drive off Route 144SIZE OF LOT 7.1347 acresTYPE BLDG. 3 or 4NUMBER OF BEDROOMS
(Single Fmly. Dwllg.)

IF NOT SINGLE RESIDENCE DESCRIBE _____

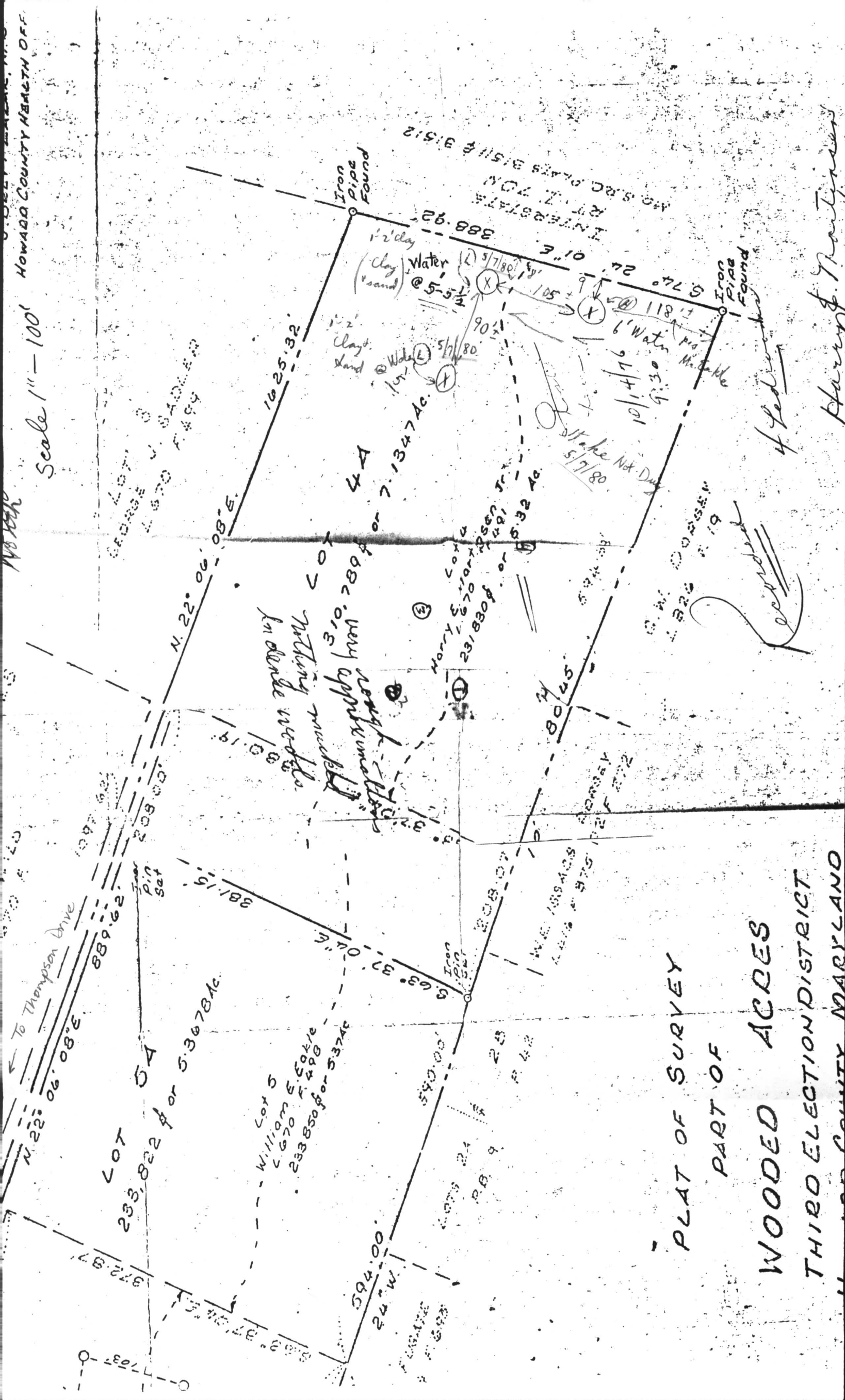
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Harry E. Martinson, Jr.APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)REJECTED BY H. H. Z. FOR any system DATE 4/27/77
(KIND OF SYSTEM)HOLD PENDING FURTHER TESTS WWZ DATE 10/14/76REASONS FOR REJECTION OR HOLDING Water in all holes. May possibly be tested for drainfields in Mar-Apr. season.* 4/27/77 High water table — water @ 8' on highest knoll on lot.* 5/7/80 High water table. Tests near R470 Fence — water 5'-6' from surface.**THIS IS NOT A PERMIT**

C.B.J.

9

9



1000 COUNTY MARYLAND

Harry F. Martinson

February 6, 1981

Mr. William Eakle
2578 Thompson Drive
Marriottsville, Maryland 21104

RE: Wooded Acres, Lot 4A
7.1347 acres

Dear Mr. Eakle:

As per your request of February 2, 1981 concerning this office's policy regarding percolation testing during the "wet season", I am enclosing several pertinent pieces of information.

The above referenced property has been visited by agents of this office, and deep holes were opened and observed on three occasions in the last four (4) years. Underground water was observed at depths of 3 ft. to 11 ft. below grade on these occasions.

It is our policy to have at least four (4) feet of permeable soil below the soil absorption system, to aid in cleansing the sewage before it contacts fractured rock, underground water, or other impervious layers. (See U.S. Public Health Service enclosure.)

In light of the current "severe drought" condition in Howard County (as determined by the National Weather Service), we cannot properly evaluate this property for septic system suitability during the current "dry" season, as the maximum seasonal elevation of the ground water table cannot presently be determined.

As we discussed on Thursday, February 5, 1981 vertical perforated drainage pipe may be placed in some of the planned percolation test holes for checking the ground water table at later dates, to aid in determining the maximum seasonal water table elevation.

Very truly yours,

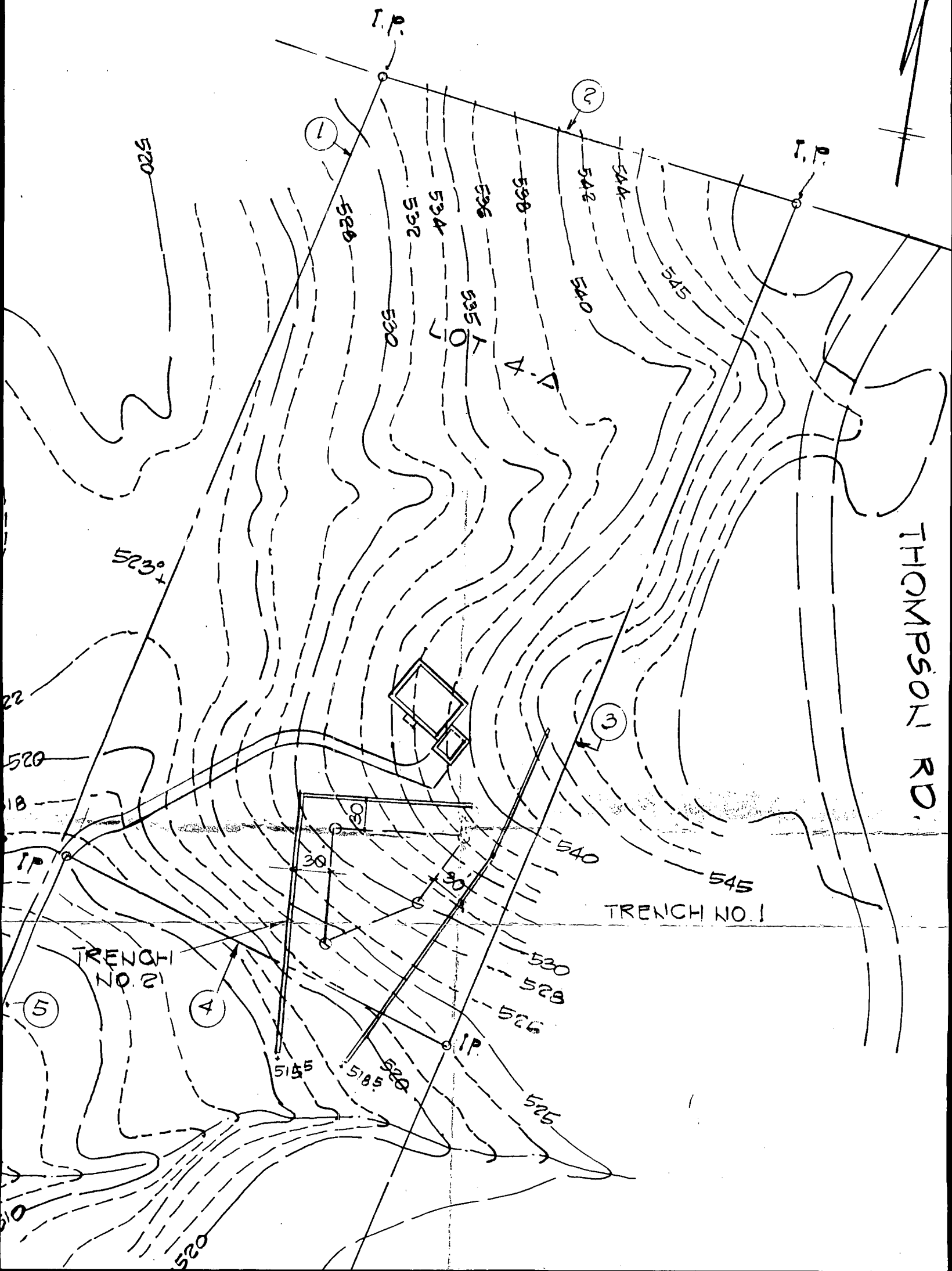
Frank A. Skinner

Frank A. Skinner, Sanitarian
Water and Sewerage Program

FAS:hs

U.S. RT. 40

THOMPSON RD.



03-290727

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

X004-239XX

461-9933

ELLICOTT CITY

DISTRICT 3rdDATE 9/30/86

INDEXED

Lendrim Contracting, Inc.IS PERMITTED TO INSTALL X ALTERADDRESS 14010 Forsythe Road, Sykesville, Maryland 21784 PHONE 442-2416SUBDIVISION Wooded Acres ROAD 2582 Thompson Drive LOT 4APROPERTY OWNER William Eakle

ADDRESS

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

GARBAGE GRINDER? YES _____ NO XSEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet $2\frac{1}{2}$ feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at $3\frac{1}{2}$ feet below original grade. $1\frac{1}{2}$ feet of stone below distribution pipe.

LOCATION - Start first trench 110 feet from the right (802') lot line and 180 feet from the front (372') lot line. Run trench(s) along contour toward left - rear part of property. Installer responsible to see that no part of trench or septic tank is closer than 100 feet to well or closer than 30 feet to existing underfrains.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench before gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

C. Williams

PLANS APPROVED BY

DATE 6/10/85

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 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, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

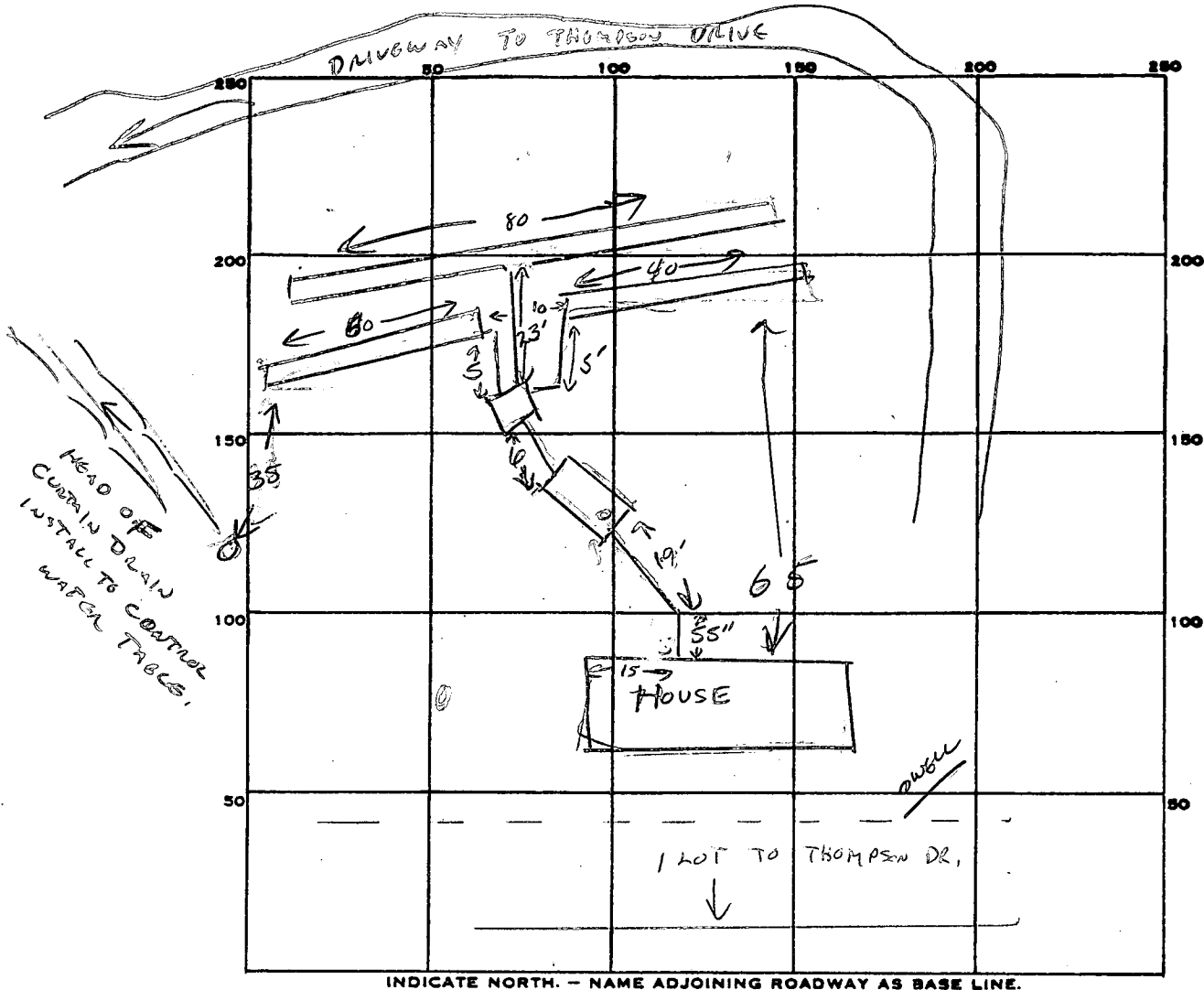
BUDG. PERMIT SIGNED
AND RETURNED 8/9/86

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

CALL 952-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 23912



PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

CLEANOUTS ☒ ST

DISTRIBUTION BOX, LEVEL ☒

TILE FIELD, DEPTH 4 FT. TRENCH WIDTH 3 FT.

GRAVEL DEPTH 1 1/2 IN. TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 3(80+50+50) TOTAL BOTTOM AREA 540

SEEPAGE PITS, INSIDE DIAMETER — FT. DEPTH BELOW INLET — FT.

ABSORBENT AREA 540 SQ. FT.

REMARKS MUST SEE ALL PLUMBING CONNECTIONS AT DIST. BOX. 10/3/86 CW.

DATE SYSTEM APPROVED 10-7-86 INSPECTOR S. Abel

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 23917

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 3rd.

DATE 1/29/81

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 William Eakle

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Wooded Acres

LOT NO. 4A

2582
ROAD AND DESCRIPTION Thompson Drive off Route 144

SIZE OF LOT 7.1347 acres

TYPE BLDG. 3 or 4 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.

SIGNATURE OF APPLICANT /s/ William Eakle

APPROVED BY C. Williams FOR SHAWAS SYSTEM DATE 6/10/85

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE BP# 90071

REASONS FOR REJECTION OR HOLDING

2/9/81 - all tests & lot for review by office.
due to previous history of water on lot. C.B.D. Mr. Skinner
requested more tests on lot all letters of 2/6/81. 2/9/81 cancelled
ground frozen - @ site Mr. Kendrick & Mr. Eakle to C.B.D.
rechecked C.B.D. (discussed with Mr. Eakle & Mr. Kendrick & Mr. Skinner)

THIS IS NOT A PERMIT

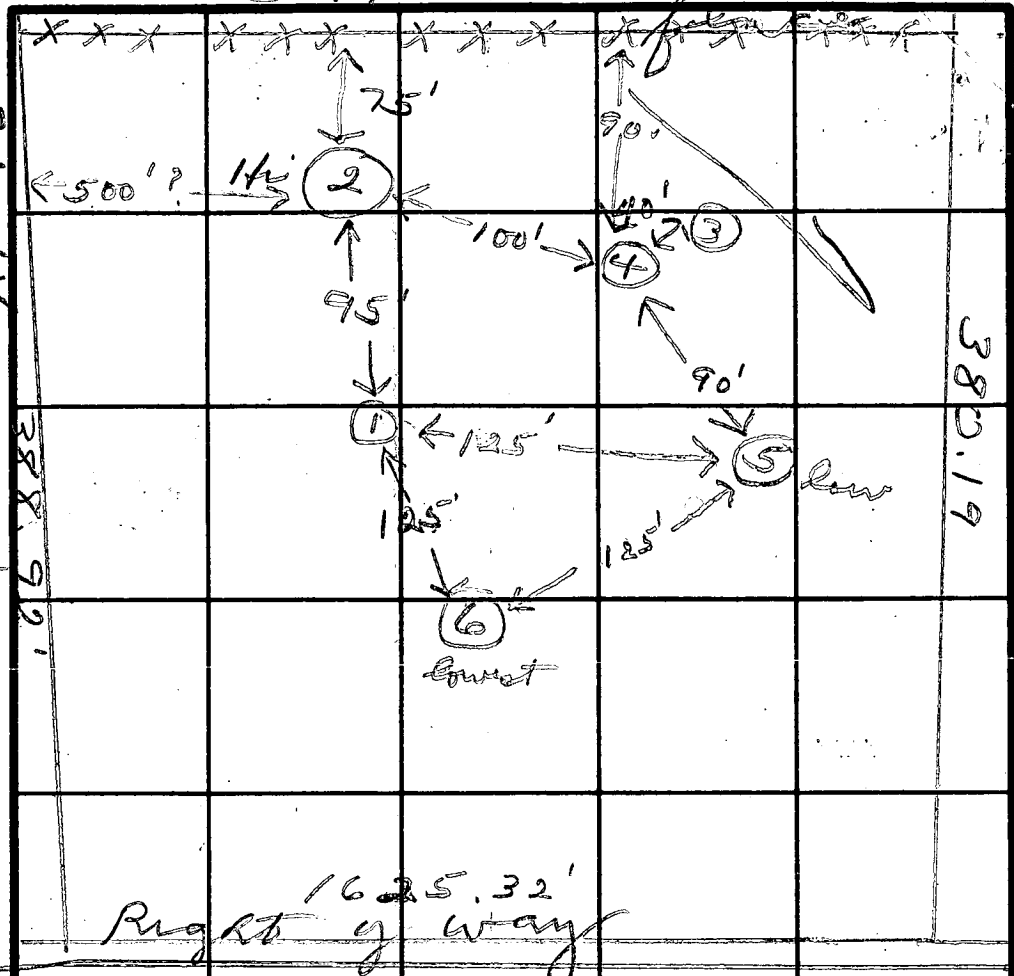
594.38'

23917

SOIL PROFILE

① ④
clay s.d
3'
sandy
loam
②
all sandy
loam

RT 70



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

③
clay
4'
sandy
loam
7' wet!
⑤
clay
4'
sandy
13 1/2'
dry

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/11/83	1 S M V	4	10:16	10:18	10:18	10:22	4
	2 S M	3	10:25	10:26	10:26	10:27	1
		7	10:25	10:27	10:27	10:29	2
	3 S M	4	11:00	11:00	11:00	11:00	—
	4 S M	3	11:28	11:42	11:42	12:16	24
		7	11:25	11:27	11:27	11:30	3
	5 S M (13)	3	11:48	11:50	11:50	11:53	3
		7	11:50	11:52	11:52	11:54	2
	4 V	10 1/2	water at 9 ft				
	6 V	11	- drop				

REMARKS Pipe put in holes #4 & #5 for water test
 TYPE OF SOIL Certify hole locations ①, ②, ④, ⑤ before any curtain drain is installed. S.S.
 TESTED BY [Signature] ALSO PRESENT P. Sundrum

APPLICATION

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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 3

DATE 9/10/76

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 Harry E. Martinsen

ADDRESS 19 Powder Horn Drive, Wayne, New Jersey PHONE 07470

PROPERTY LOCATION:

SUBDIVISION Wooded Acres LOT NO. 4 A

ROAD AND DESCRIPTION Thompson Drive off Route 144

SIZE OF LOT 7.1347 acres

TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS
(Single Fmly. Dwllg.)

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT /s/ Harry E. Martinsen, Jr.

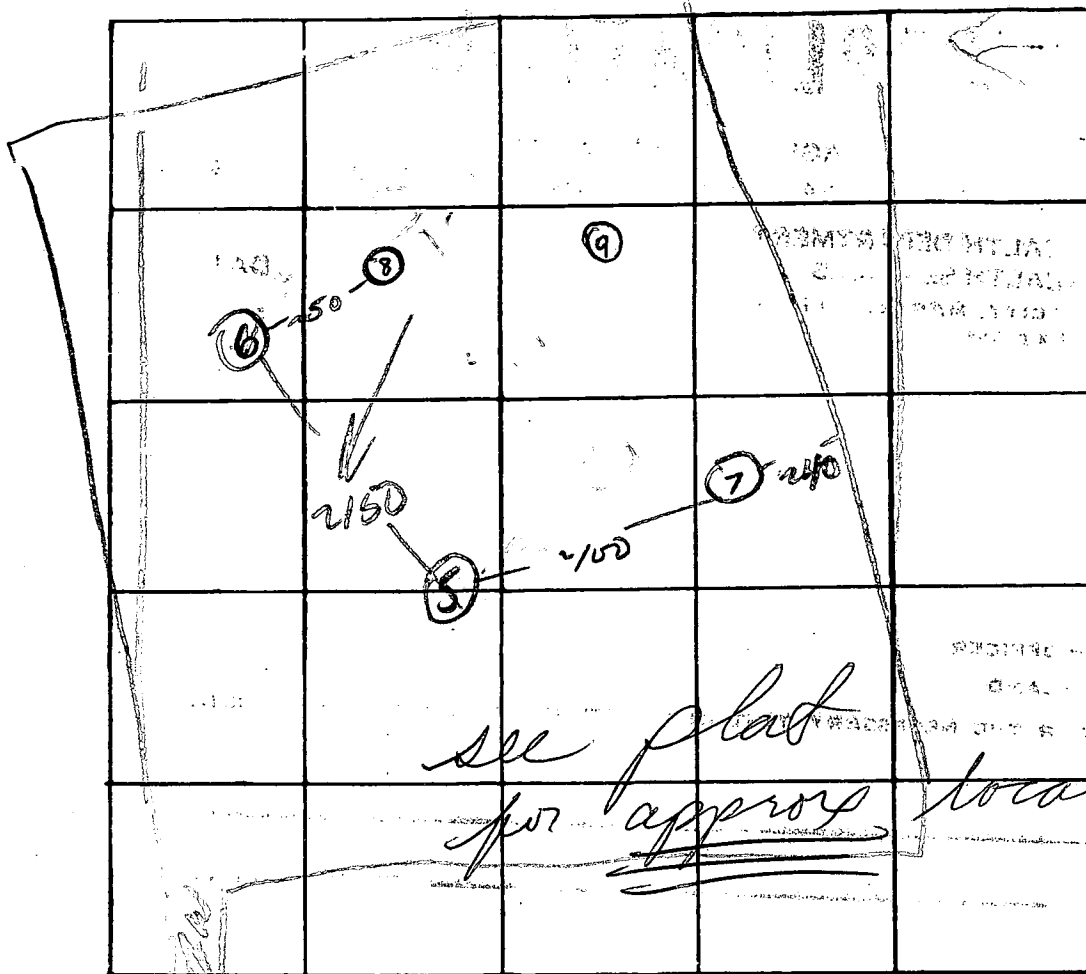
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

23917

DATE	TEST NO.	DEPTH	PRE-WET START STOP	TEST - 1" DROP START STOP	TIME
10/14/76	①	10'	Water @ 7'		
	2	10'	Water @ 10'		
	3	12'	Water @ 11'		
	4	12'	Water @ 10'		
4/29/77	5	3 1/4	2:24 2:30	2:30 2:40	10
	5-A	8 1/2	Water		
	5-B	4 1/4	Water Not Perked		
	6	7	Water		
	6-A	7	Water @ 3'		
	7	7 1/2	Water		
	8	8'	Water (as per Brittingham's crew)		
	9				

REMARKS

7 appears to have contours as 5

TYPE OF SOIL

Sandy, wet.

TESTED BY

W.W.2

ALSO PRESENT:

Grempler Rep.
Brittingham Co.

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

8 13

15 20

22 26

FROM "PERMIT TO DRILL WELL"

40-81-1119

28 29 30 31 32 33 34 35 36 37

OWNER EAKLE WILLIAM
STREET OR RFD last name THOMPSON DRIVE first name TOWN WEST FRIENDSHIP
SUBDIVISION WOODED ACRES SECTION LOT 7A

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	
Topsoil	0 2	
Sandstone	2 16	
Tan Mica	16 28	✓
Sandstone	28 33	
Tan Mica	33 46	✓
Gray Mica	46 78	
Tan Mica	78 83	
Gray Mica	83 200	

GROUTING RECORD

WELL HAS BEEN GROUTED

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 6 NO. OF POUNDS 600

GALLONS OF WATER 35

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 18 ft.

CASING RECORD

STEEL ST CONCRETE CO

PLASTIC PL OTHER OT

MAIN CASING TYPE

Nominal diameter top (main) casing (nearest inch)

Total depth of main casing (nearest foot)

OTHER CASING (if used)

screen type or open hole

SCREEN RECORD

STEEL ST BRASS BR OPEN HOLE HO

BRONZE PL PLASTIC PL OTHER OT

DEPTH (nearest ft.)

1 2

8 9

11 15 17 21

23 24

26 30 32 36

38 39

41 45 47 51

C 3

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min. to nearest gal.)

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

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)

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

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. 41

DRILLERS SIGNATURE

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

SLOT SIZE 1 2 3

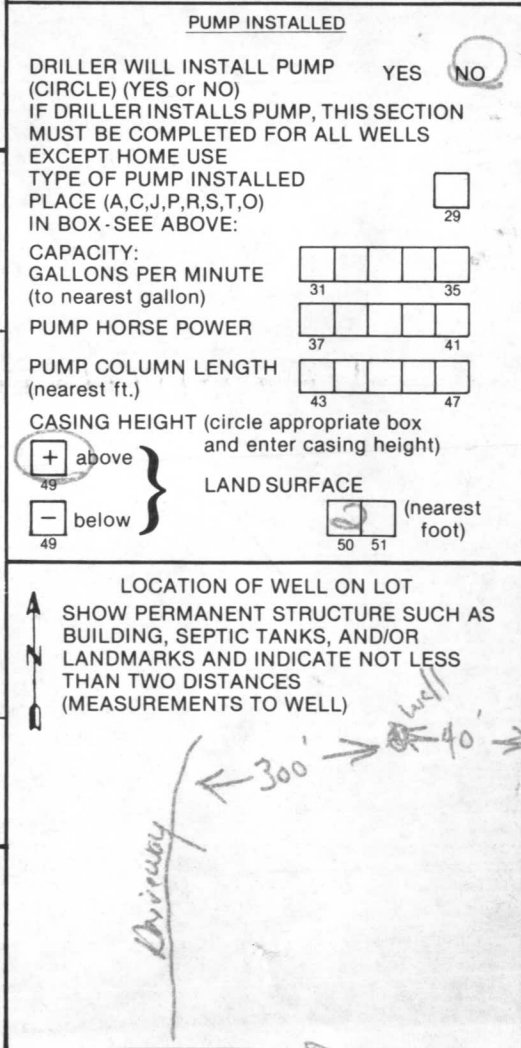
DIAMETER OF SCREEN

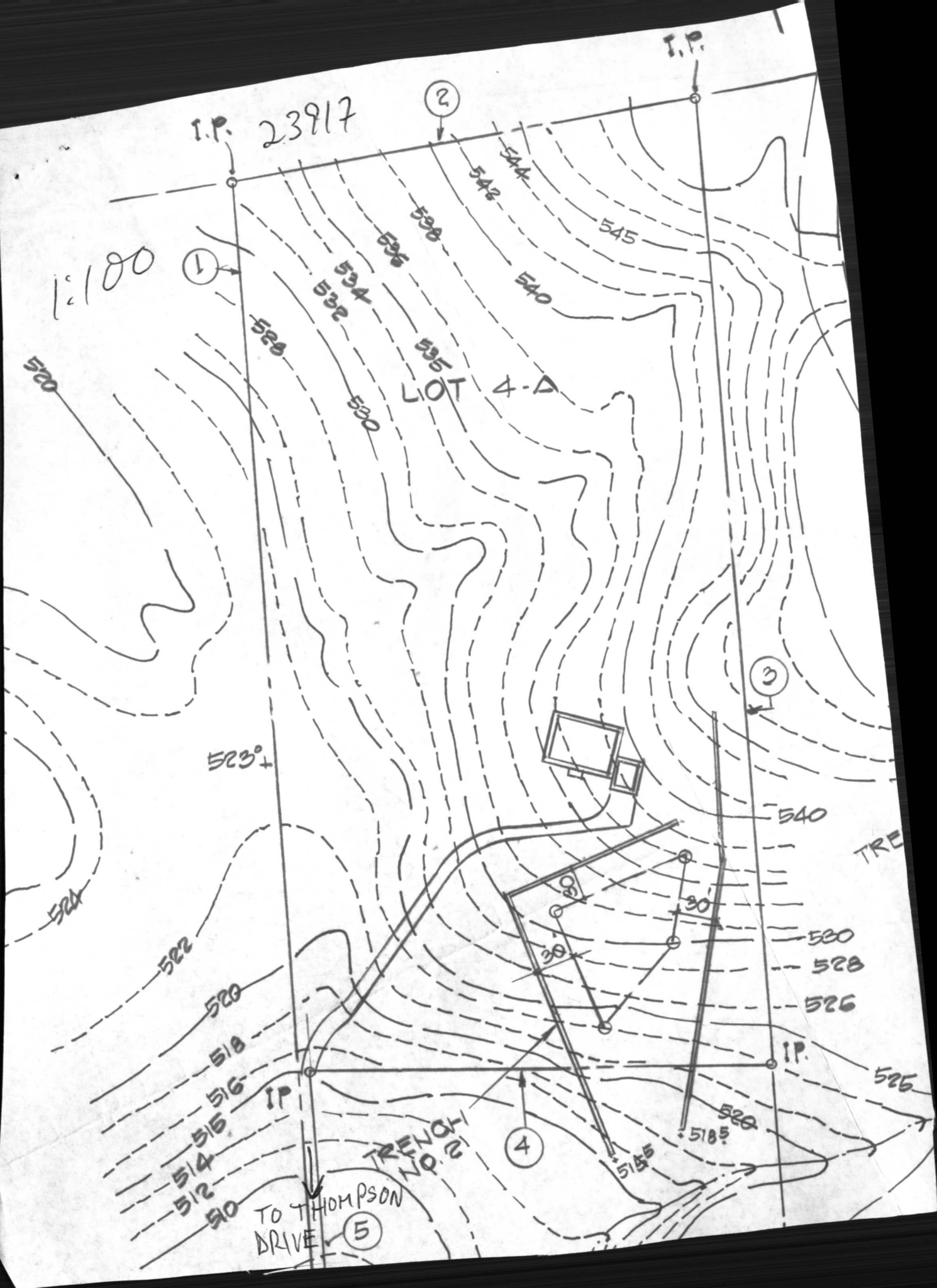
GRAVEL PACK

OEP USE ONLY

TELESCOPE CASING

LOG INDICATOR



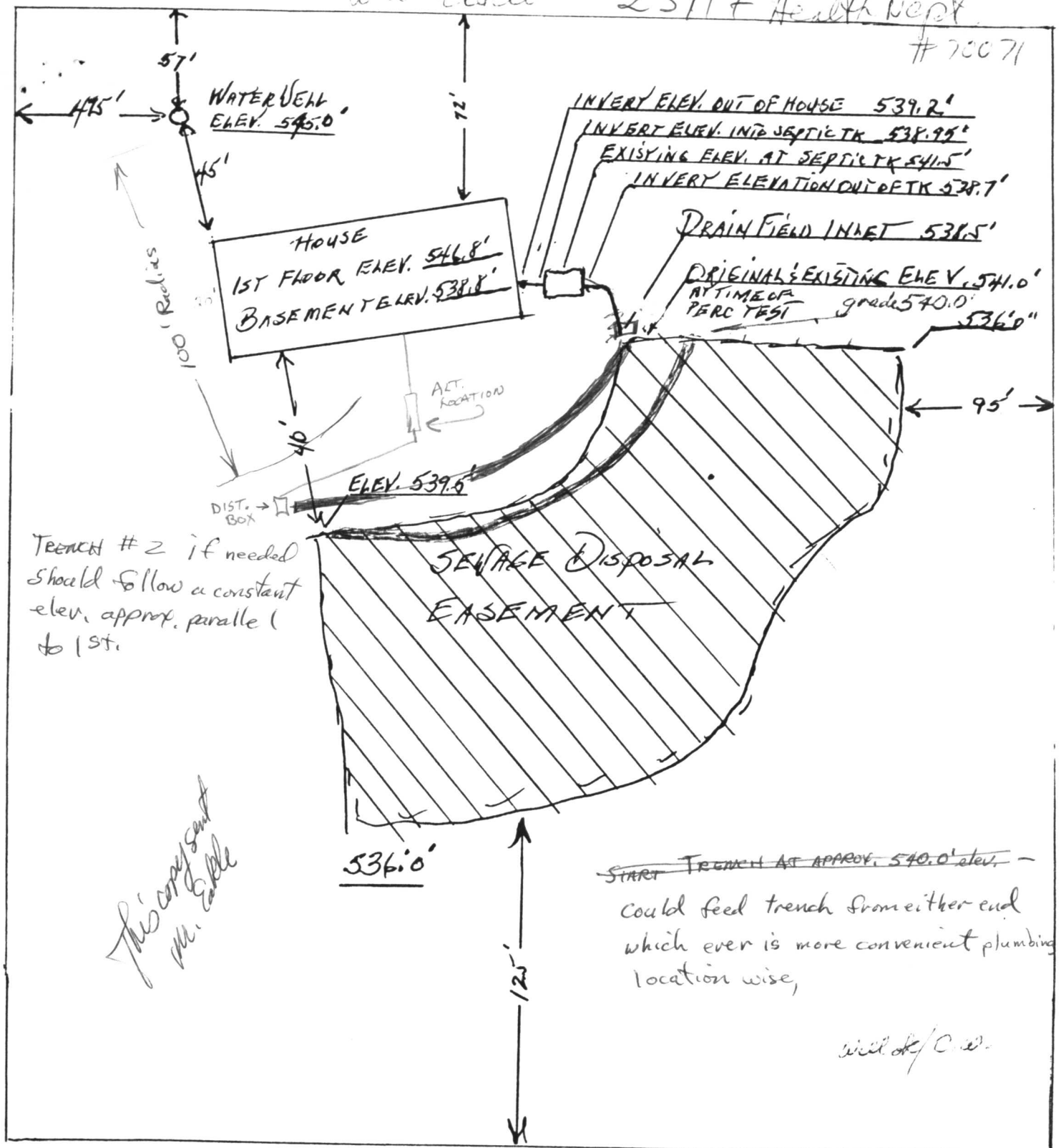


u - cable

23917 Health Dept

70071

I-70



TRENCH #2 if needed should follow a constant elev. approx. parallel to 1st.

This is consistent with m. cable

START TRENCH AT APPROX. 540.0' elev. - could feed trench from either end which ever is more convenient plumbing location wise,

will be/c.o.

I CERTIFY THAT THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY : 2582 THOMPSON DR, MARIOTTYSVILLE, MD. 21104

SIGNED William E. Eable 5/13/86

70071