

7/6/87
PM early
7-7-87
AM 10+ LATER

02-224143

PERMIT

P 39548

A 36882

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 2nd

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 7/06/87

DATE SYSTEM APPROVED 7-7-87

INSPECTOR JEN

INDEXED

I.C.O.P.
Time expired

T. M. Barnard Plumbing & Heating IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 461-6599

SUBDIVISION Warren Kuhn Property ROAD 8470 Old Frederick LOT _____

PROPERTY OWNER Richard Zimmerman

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO X

266
3 200
180
86

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 200 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4 1/2 feet below original grade. Effective area begins at 3 feet below original grade. 1 1/2 feet of stone below distribution pipe.

LOCATION - Start the first trench 140 feet from the rear lot line and 70 feet from the left lot line as seen when facing the property from Old Frederick Road. Run trench(s) along contour toward rear of property.

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

OK'd
(BW)

PLANS APPROVED BY C. Williams DATE 8/06/86

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 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 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.

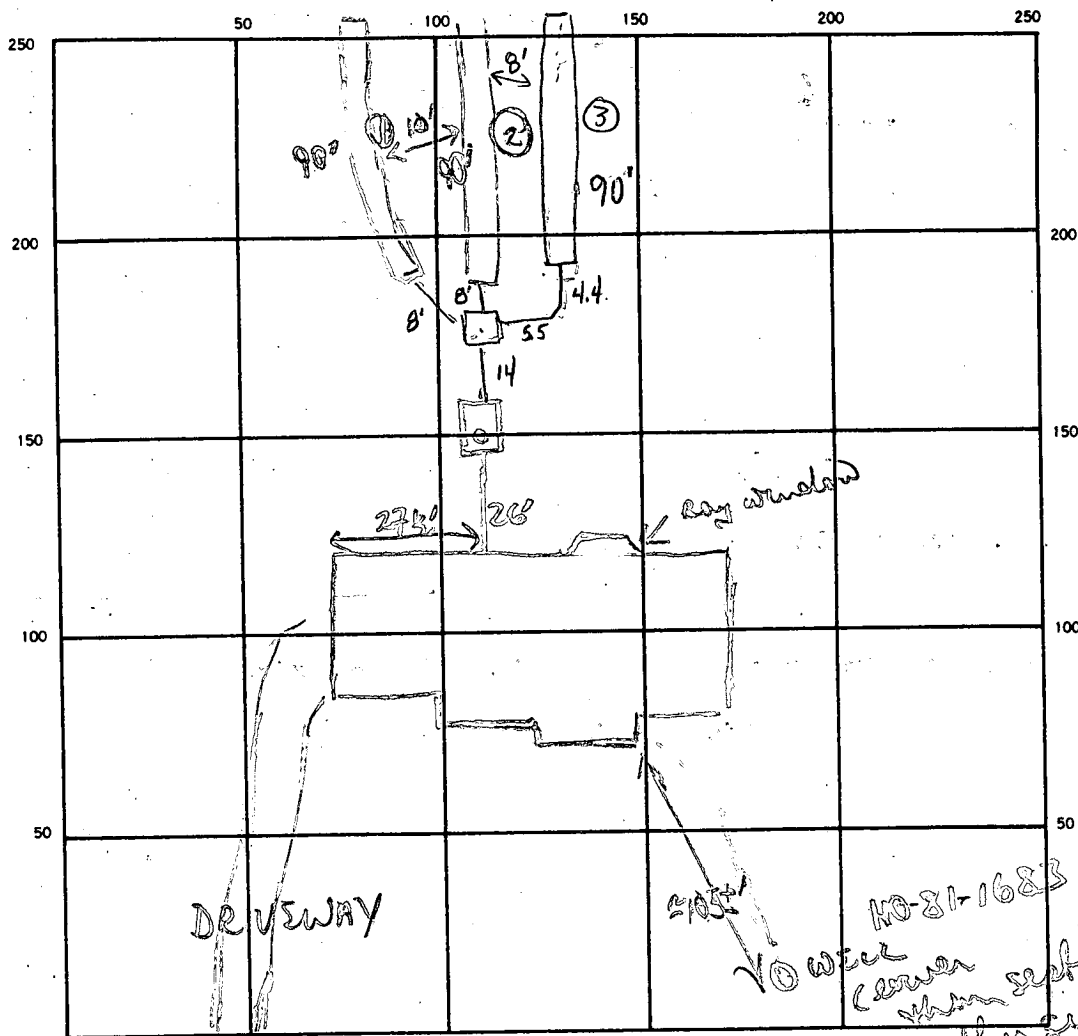
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 36882

DANIELS ROAD



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 OLD FREDERICK ROAD

NO-81-1683
 NO well cover when set on other side of knoll & far away

SEPTIC TANK LEVEL 1500 gal CLEANOUTS 1 S.T.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TILE FIELD DEPTH 4 1/2 5.5 5.5 FT. TRENCH WIDTH 3 3 3 FT. INLET DEPTH 3, 4 3.5 FT.

EFFECTIVE GRAVEL DEPTH 1 1/2 2.0 FT. TOTAL LENGTH 90 90 90 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 270 270 270 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 810 SQ. FT.

REMARKS 7/6/87 OK to hold stone pipe paper to trenches 1 & 2
OK to gasket backfill both trenches for access
2nd trench deeper than called for - difficult digging
due to nod rock frags. 3rd trench to hopefully hold proper
depth. 7-7-87 OK to backfill trenches 1 & 2, add stone to 3. Trench 3
is rocky near far end. Extend depth to 5.5 ft. w/inlet at 40 JEN 7-7-87 OK
to cover all trenches. JEN
 DATE SYSTEM APPROVED 7-7-87 INSPECTOR Jane E. Nadeau

APPLICATION

PERCOLATION TESTING

A 36882

P _____

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

DISTRICT _____

DATE 5/02/86

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 Mr. & Mrs. Warren P. Kuhn
8456 Old Frederick Road
ADDRESS Ellicott City, Maryland 21043 PHONE Olen Ketterman

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION Old Frederick Road

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. /s/ Olen Ketterman
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

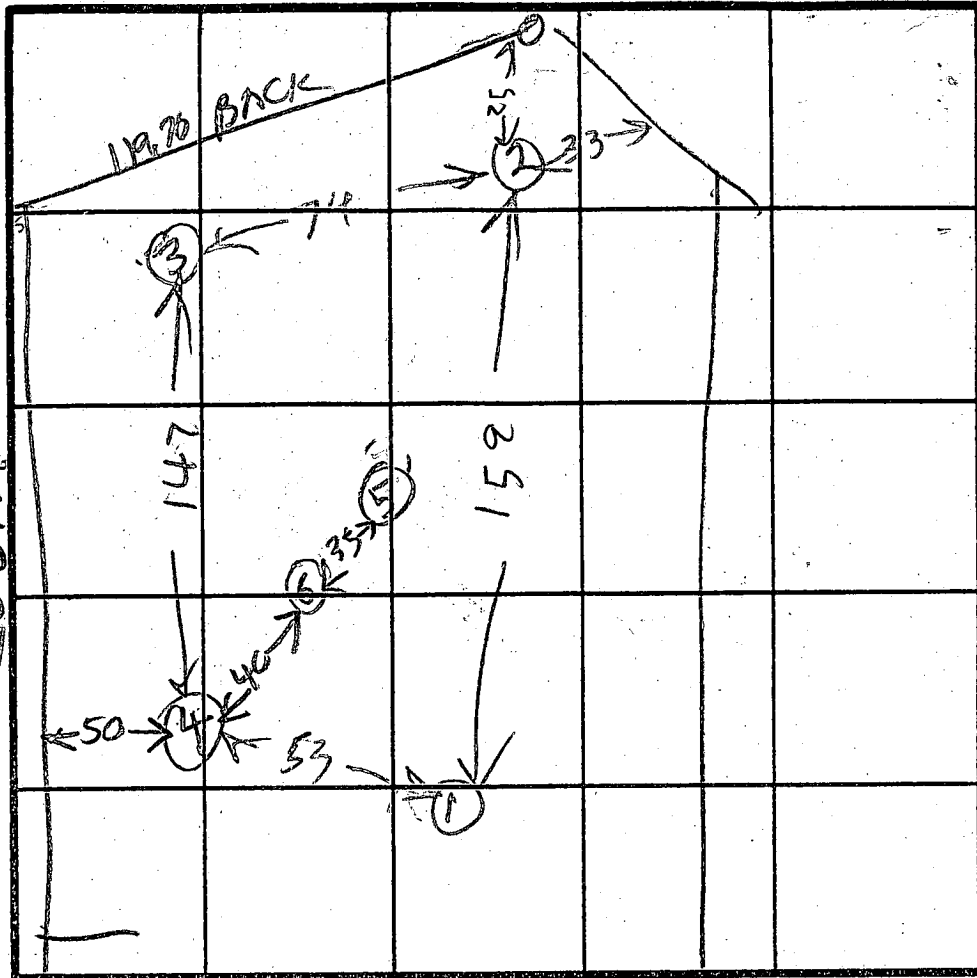
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE

ALL SAND
LIGHT BROWN



CLAY
BROWN SAND
& FEW ROCKS
HARD

CLAY
BROWN SAND
BROWN SAND
& FEW ROCKS

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ALL LIGHT GRAY BROWN SAND
WATER

CLAY
HARD BROWN GRAY SAND

DATE,	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/19/88	1 S	3	220	223	223	227	4
	1 V	12	LOOKS		OK		
5/19/88	2 S	4	230	233	233	236	3
	2 V	12.5	WATER		12 FT		
	3 S	2.5	237	259	259	322	24
	3 V	10	LOOKS	OK			
	4 S	4	250	252	252	300	8
	4 V	11	316	319	319	324	5
	4 V	11	LOOKS		OK		
	5 V	9	HARD BOTTOM				
	5 V	9	HARD BOTTOM				

ALL SAND & SMALL ROCKS

ROCK

HOLE ELEV

④ HIGH

③ ⑤ = MED

② LOW

REMARKS

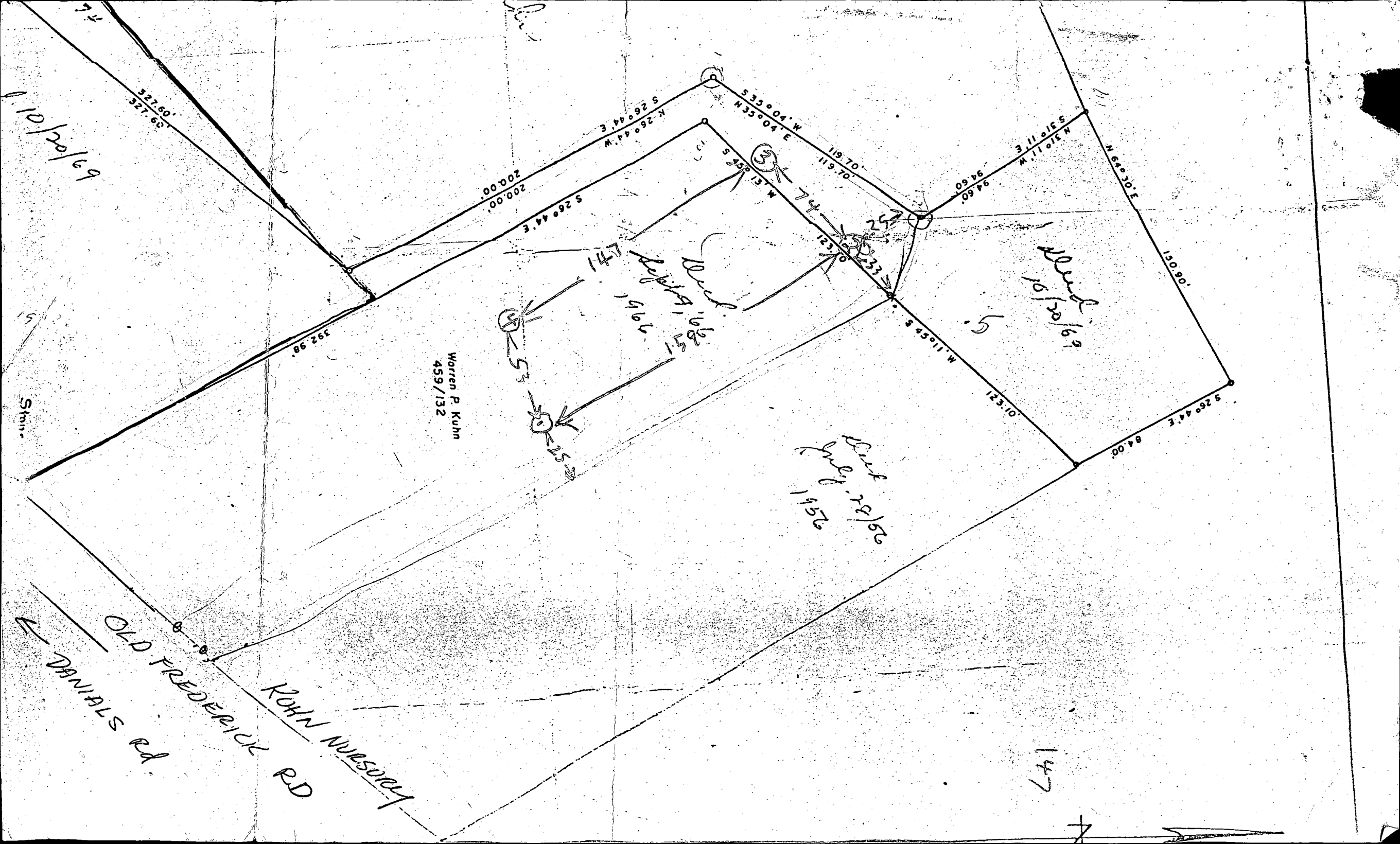
TYPE OF SOIL

TESTED BY

R HODGES

ALSO PRESENT

POP KEST TEAM T
O. KESTERMAN X



10/20/69

Warren P. Kuhn
459/132

10/20/69

10/28/69
Dan 10/28/69

147
Dan 10/28/69

147

DANIALS RD

OLD FREDERICK RD

ROHN NURSERY RD

321.60' / 39.725'

392.98'

200.00' / 200.00'

S 26° 44' E

S 26° 44' W

S 35° 04' W

N 35° 04' E

119.70' / 70.11'

N 31° 11' W

N 64° 30' E

150.90'

S 26° 44' E

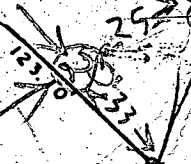
84.00'

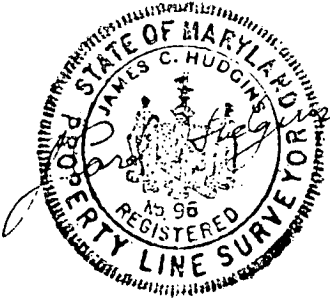
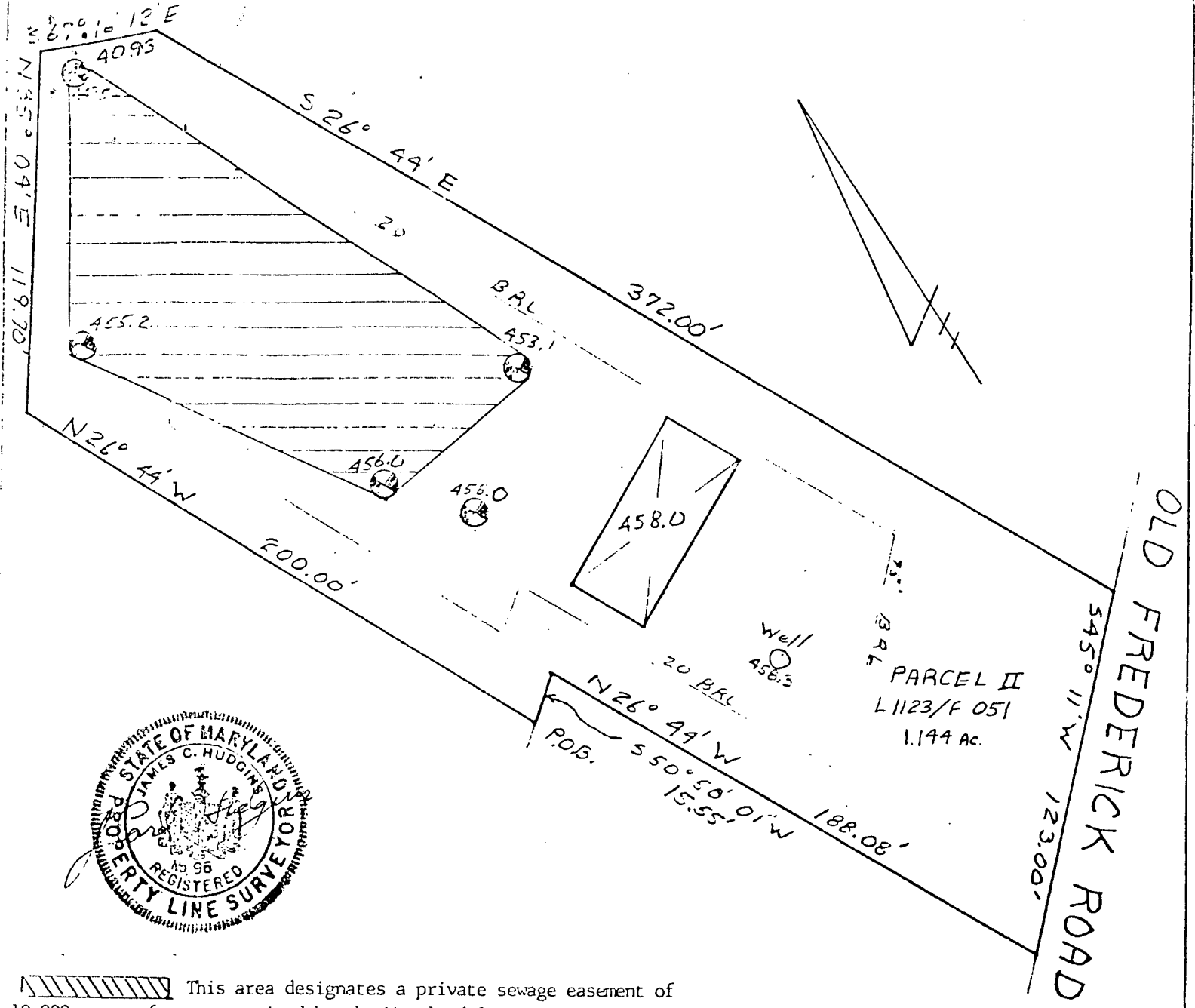
S 45° 11' W


123.10'

74

Stm





 This area designates a private sewage easement of 10,000 square feet 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.

Percolation test holes shown hereon have been field located and shown as "⊙".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

SENT OF SIGNATURE 8/6/86
County Health Officer _____ Date

PERCOLATION TEST PLAT
PROPERTY OF
WARREN P. KUHN ETAL
TAX MAP #18 PARCEL 296

2nd Election District
Howard County, Maryland
Scale 1"=50'
Date 6/20/86

NTT Associates, Inc.
16205 Old Frederick Road
Mt. Airy, MD 21771
(301) 442-2031

C1 5314 SEQUENCE NO. (OEP 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

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER A-36882

DATE RECEIVED [] [] [] [] [] [] DATE WELL COMPLETED 03/16/87 PERMIT NO. 107-81-1683
 DEPTH OF WELL 100 (TO NEAREST FOOT)

OWNER ZIMMERMAN RICHARD
 STREET OR RFD 025 FRED. RD / DANIELS first name TOWN ELKTON CITY
 SUBDIVISION MAP 18 # 296 SECTION LOT

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	
OVERBURDEN	0	10	
SHALE & EARTH	10	15	
GRANITE	15	100	X

WELL #1 - 200' DRY
 WELL #2 - 225' "
 (BACKFILLED)

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N
 TYPE OF GROUTING MATERIAL
 CEMENT CM BENTONITE CLAY BC
 NO. OF BAGS 5 NO. OF POUNDS 500
 GALLONS OF WATER 50
 DEPTH OF GROUT SEAL (to nearest foot)
 from 57 ft. to 20 ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST CO STEEL CONCRETE
 PL OT PLASTIC OTHER
 MAIN CASING TYPE ST Nominal diameter 5/8 inch Total depth of main casing 20 feet
 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

C2

EACH SCREEN	DEPTH (nearest ft.)	
	1	2
1	100	100
2		
3		

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

SLOT SIZE 1 2 3
 DIAMETER OF SCREEN [] [] [] (NEAREST INCH)
 GRAVEL PACK from [] to []
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

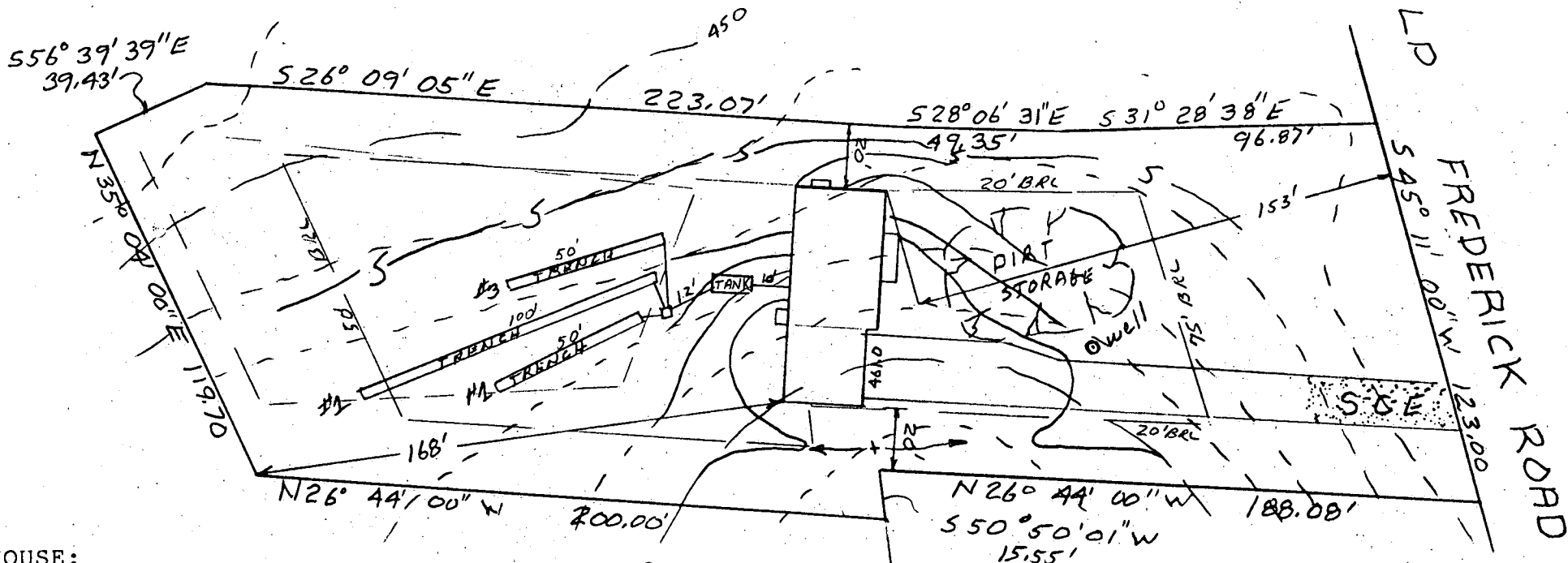
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) 70 72
 WQ 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 1428
 METHOD USED TO MEASURE PUMPING RATE SIMPLIFIED
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 15
 WHEN PUMPING 71 4"
 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
 (CIRCLE) (YES or 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: 29
 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)
 - below }

LOCATION OF WELL ON LOT
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



HOUSE:

FIRST FLOOR	462.33
BASEMENT	453.33
INVERT	453.28

SEPTIC TANK:

EXISTING GRADE	455.5
PROPOSED GRADE	457.0
INVERT IN	453.08
INVERT OUT	452.83

DISTRIBUTION BOX:

EXISTING GRADE	455.5
PROPOSED GRADE	455.8
INVERT IN	452.7
INVERT OUT	452.6

<u>TRENCHES:</u>	<u>EXISTING</u>	<u>INVERT</u>	<u>BOTTOM</u>	<u>STONE</u>	<u>WIDTH</u>	<u>LENGTH</u>
#1	455.5	452.5	451.5	1.5	3'	50+80
#2	454.5	451.5	450.5	1.5	3'	100'
#3	453.5	450.5	449.5	1.5	3'	50+90

I certify the above measurements and elevations to actual and true for this property.

J. Carl Hudgins
 J. Carl Hudgins

PLOT PLAN

ZIMMERMAN PROPERTY
 TAX MAP #18 parcel 296
 2nd ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE 1"=100' DATE 3-16-87

elavation of changes

B 7 3672

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

HO-81-1683

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

Date Received 3/11/87

OWNER INFORMATION

ZIMMERMAN RICHARD

9027 WATCHLIGHT CT

COLUMBIA MD 21045

DRILLER INFORMATION

Sandy B. Cochran 1125

G. Edgar Harr Sons Corp.

12047 Falls Rd., Cockeyville 21030

Signature Date 12-29-86

B 3

LOCATION OF WELL

HOWARD

MAP 18 PARCEL 296

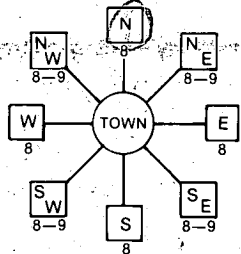
SECTION LOT

ELLICOTT CITY

MILES FROM TOWN 4 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



8456 OLD FREDERICK RD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



80 DISTANCE FROM ROAD

ENTER FT or MI

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD

A 36882

COUNTY NAME

COUNTY NO.

OEP SIGNATURE

STATE HEALTH INSERT S

DATE ISSUED

012287 B Wilson

07/22/87

NORTH GRID 536000

EAST GRID 0855000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY D 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 Ba WRITE INITIALS IN BOX PERMIT NO. HO-81-1683

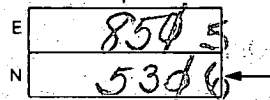
SPECIAL CONDITIONS REISSUE SAME TAG TO DIFFERENT DRILLER

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

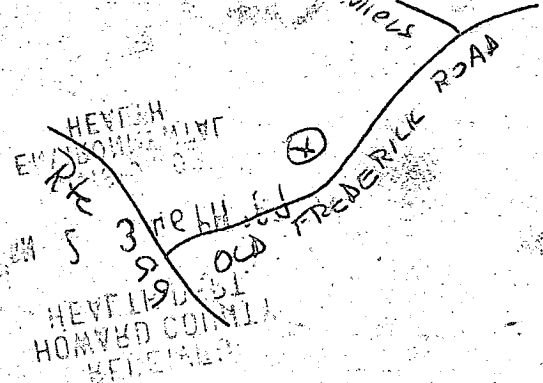
SOURCES OF DRILLING WATER

- 1. 2. 3.

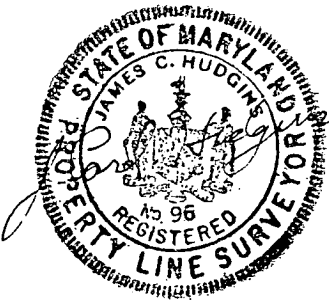
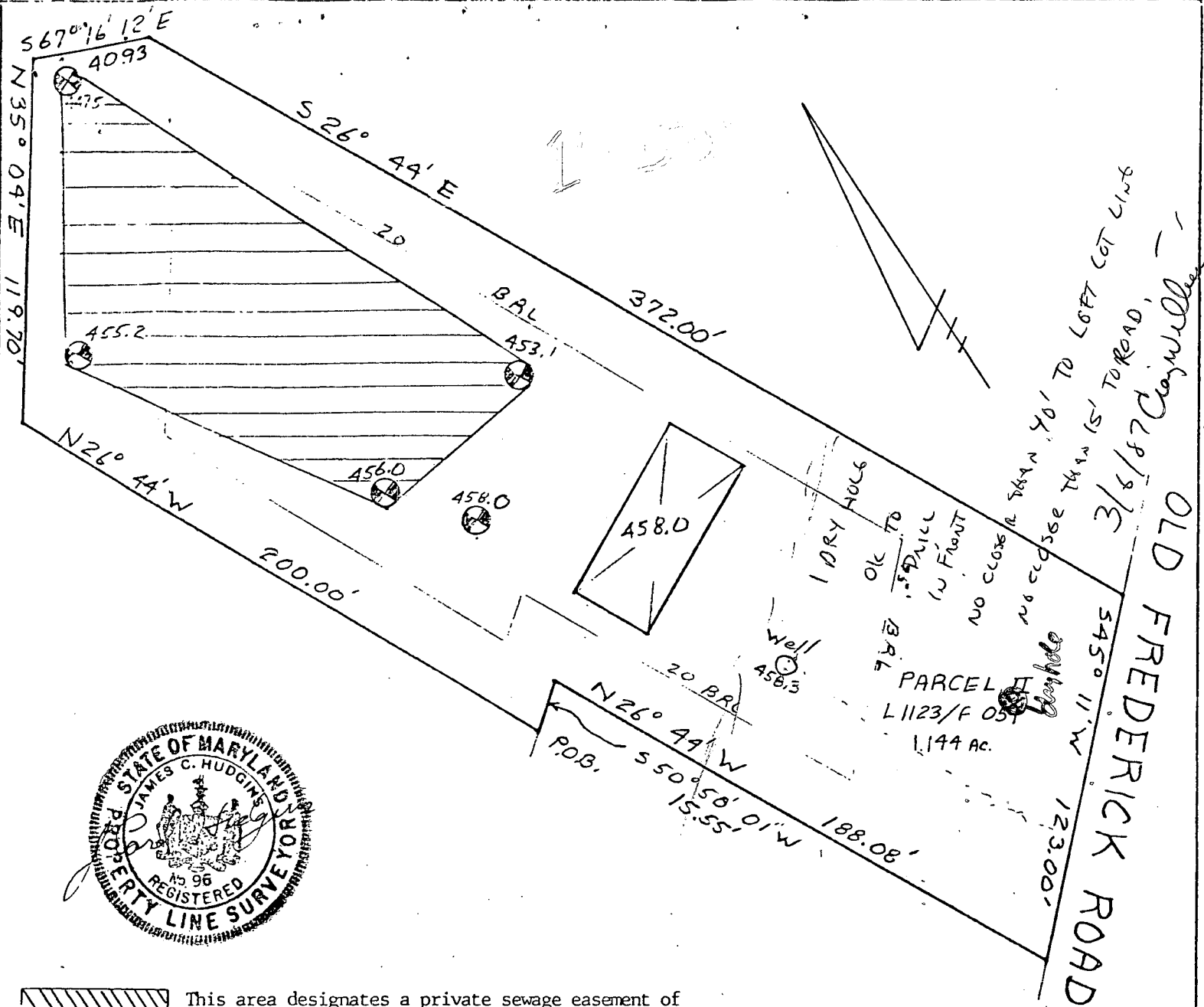
WRITE THE BOX NUMBER FROM THE MAP HERE




DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Handwritten note: No opportunity to inspect



 This area designates a private sewage easement of 10,000 square feet 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.

Percolation test holes shown hereon have been field located and shown as "⊕".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

County Health Officer _____ Date _____

PERCOLATION TEST PLAT
 PROPERTY OF
 WARREN P. KUHN ETAL
 TAX MAP #18 PARCEL 296

2nd Election District
 Howard County, Maryland
 Scale 1"=50'
 Date 6/20/86

NTT Associates, Inc.
 16205 Old Frederick Road
 Mt. Airy, MD 21771
 (301) 442-2031

Zimmerman

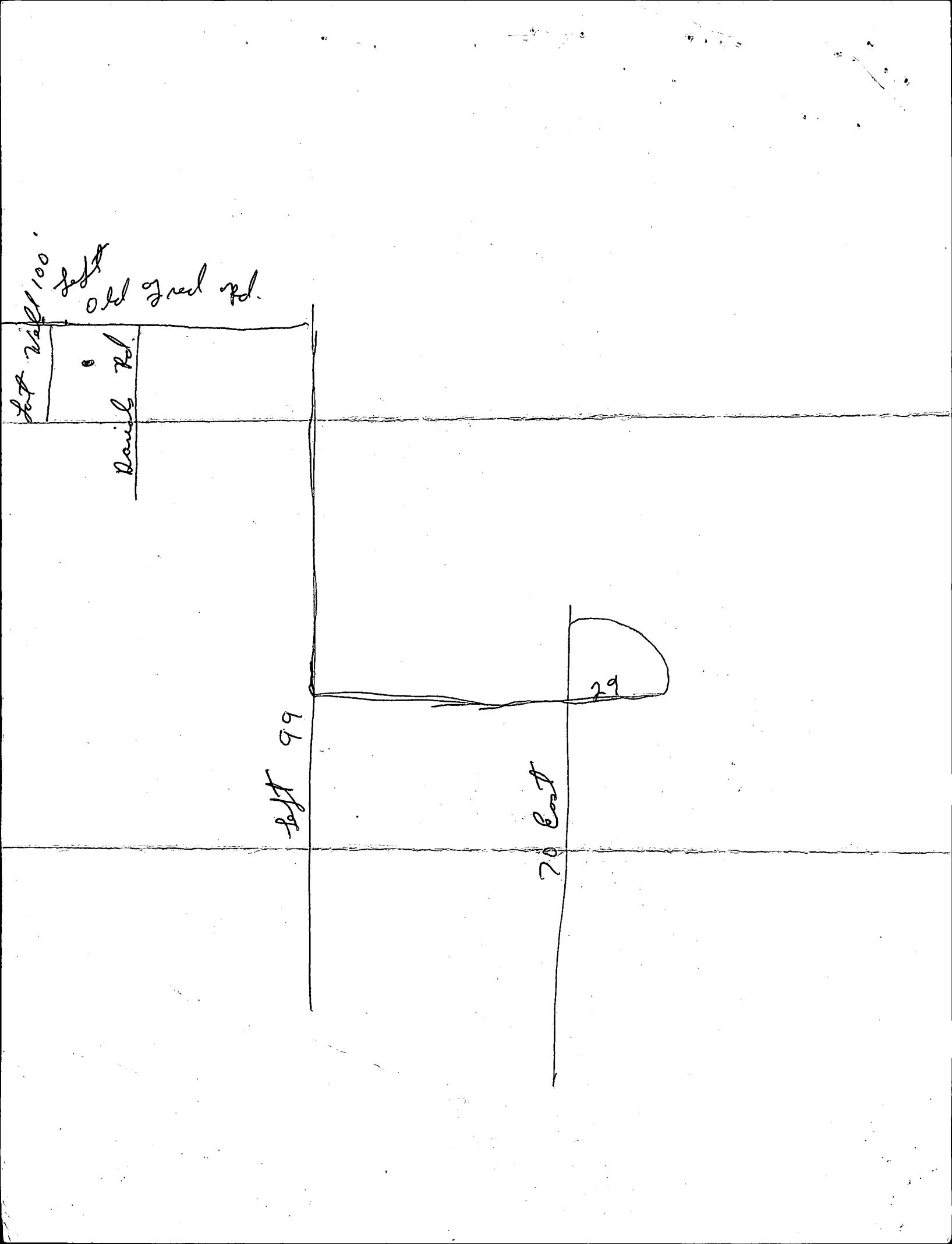
lot 100
left
old road rd.

Drain rd.

lot 99

70 East

29



B 1 4754 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

00-81-1682

fill in this form completely

OWNER INFORMATION

Date Received

8 13

15 Last Name 21 Owner 27 First Name 34

36 Street or RFD 42

48 Town 54 State 72 Zip 76

DRILLER INFORMATION

Driller's Name: Ralph Mayne 77 License No. 80: 253

Firm Name: Ralph Mayne (well Drilling)

Address: 9120 Brown Church Rd Mt Airy

Signature: Ralph Mayne Date: 8/13/86

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)

APPROXIMATE DEPTH OF WELL 250 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 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

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE 2 WRITE INITIALS IN BOX PERMIT No. 00-81-1682

SPECIAL CONDITIONS

LOCATION OF WELL

8 COUNTY: Harford

23 SUBDIVISION: Harford

SECTION: 44 LOT: 48 Parcel 29.6 TAX MAP 818

52 NEAREST TOWN: Ellicott City

MILES FROM TOWN (enter 0 if in town): 3 MI

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH WEST EAST SOUTH

11 Old Road Rd. 30 NEAR WHAT ROAD

34 300 37 DISTANCE FROM ROAD ENTER FT or MI

NOT TO BE FILLED IN BY DRILLER - HEALTH DEPARTMENT APPROVAL

COUNTY NAME: Harford COUNTY NO. A 36882

OEP SIGNATURE: _____ DATE ISSUED: 08/29/86

CO-SIGNATURE: _____ EXP. DATE: 02/23/87

NORTH GRID: 0000 EAST GRID: 0000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF OBTLING WATER

1. well

2. well

3. well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8565

N 5306

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

N

020 fnc0 Rd.

100'

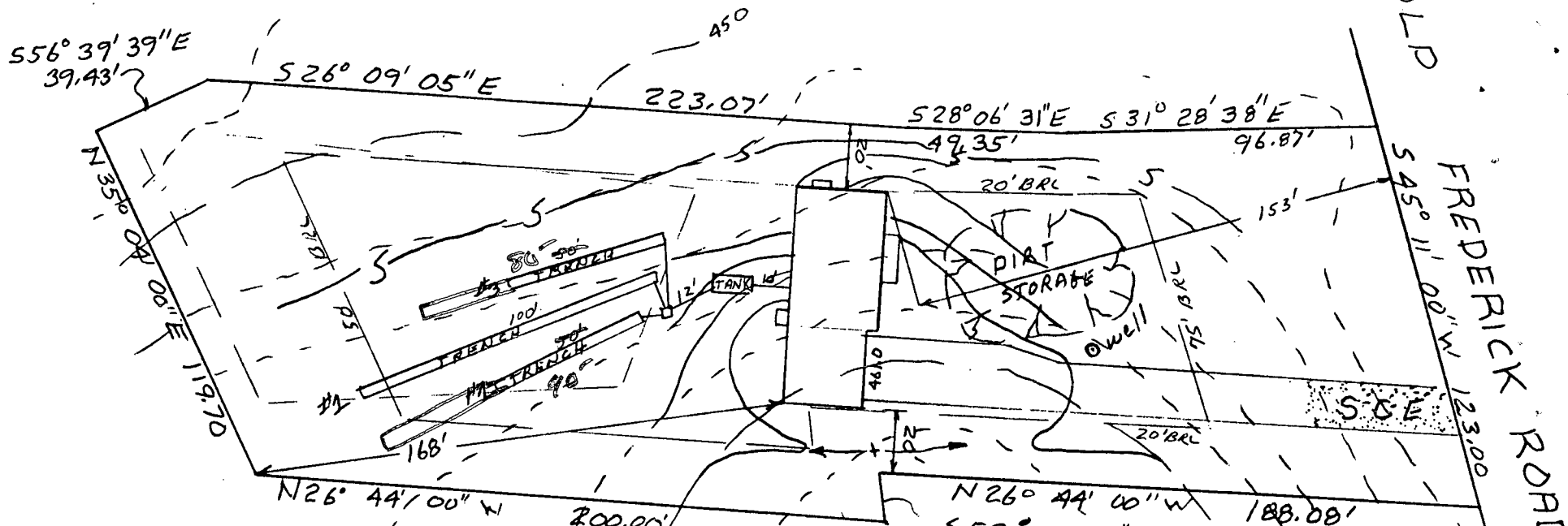
230'

04.29

04.30

04.30

Ellicott City



HOUSE:

FIRST FLOOR 462.33 ✓
 BASEMENT 453.33 ✓
 INVERT 453.28 ✓ ⊕ BSAT

SEPTIC TANK:

EXISTING GRADE 455.5 ✓
 PROPOSED GRADE 457.0 ✓
 INVERT IN 453.08 ✓
 INVERT OUT 452.83 ✓

DISTRIBUTION BOX:

EXISTING GRADE 455.5 ✓
 PROPOSED GRADE 455.8 ✓
 INVERT IN 452.7 ✓
 INVERT OUT 452.6 ✓

TRENCHES:	EXISTING	INVERT	BOTTOM	STONE	WIDTH	LENGTH
#1	✓455.5	452.5	451.5	1.5	3'	50' EXTENDS TO 90°
#2	✓454.5	451.5	450.5	1.5	3'	100'
#3	✓453.5	450.5	449.5	1.5	3'	50' EXTENDS TO 80°

I certify the above measurements and elevations to actual and true for this property.

J. Carl Hudgins
 J. Carl Hudgins

PLOT PLAN

ZIMMERMAN PROPERTY
 TAX MAP #18 parcel 296
 2nd ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE 1"=100' DATE 3-16-87

BLDG. PERMIT SIGNED AND RETURNED 3/27/87

3/27/87

S. Abel elevations ok w/ trench length change

4 BR HOUSE PER BP

BP 10732 S. Abel

3-4.5 200/BR