

03-308375

12/17 11AM

# PERMIT

P 40617  
A 34581

## SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 3rd

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

**INDEXED**

DATE 12/07/87

DATE SYSTEM APPROVED 12-17-87

INSPECTOR S. Abel

Dale Fogle IS PERMITTED TO INSTALL  ALTER

ADDRESS 6430 Woodbine Road, Woodbine, Maryland 21797 PHONE 795-5670

SUBDIVISION Triadelphia Woods ROAD 12300 Ericole Court LOT 19

PROPERTY OWNER Donald Setzer

ADDRESS \_\_\_\_\_

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

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

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 160 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3 feet below original grade. 6 feet of stone below distribution pipe.

LOCATION - Place the distribution box 220 feet from the back (440') lot line and 200 feet from the left (240') lot line as seen when facing the lot from Ericole Court. Run trenches on contour toward left and right lot lines. No trench to exceed 90 feet in length.

NOTE - Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.  
ok/cw

PLANS APPROVED BY S. Abel DATE 2/25/87

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(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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.

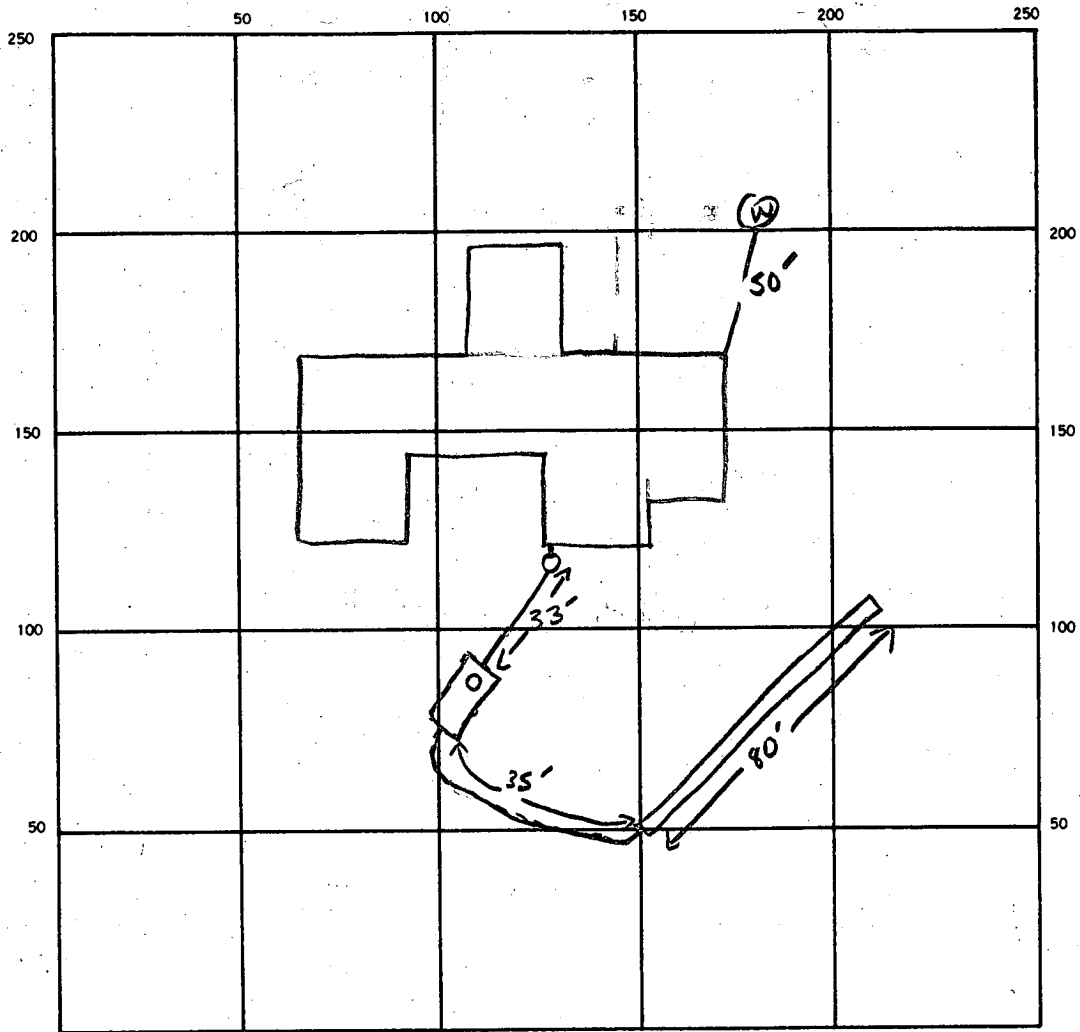
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

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

EH - 2-1186

A  
34581



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

Ericole Court

SEPTIC TANK. LEVEL ✓ 1000 GAL CLEANOUTS AT HOUSE ✓ JT ✓

DISTRIBUTION BOX. LEVEL N/A

DRAIN FIELD TILE FIELD. DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 6 FT. TOTAL LENGTH 80' FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL / BOTTOM AREA 480 SQ. FT.

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

ABSORBENT AREA 480 SQ. FT.

REMARKS 12-17-87 OK TO SIDEWALL TRENCH. SA

DATE SYSTEM APPROVED 12-17-87 INSPECTOR S. Abel

*mes*

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 34581

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 3rd

DATE November 12

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 ~~Howard Resnick~~ DONALD Serzer

ADDRESS 4645 New Cut Road, Ellicott City, Md. PHONE 461-9009

PROPERTY LOCATION:

SUBDIVISION Traidelphia Woods, Parcel 1 LOT NO. 19

ROAD AND DESCRIPTION ~~Triadelphia Road west of Evergreen Valley Way~~  
12300 ERICOLE Ct.

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. SFD  
(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. Spord Bank, Agent  
(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING CERTIFIED LOCATIONS REQUIRED 11/28/87 CLO

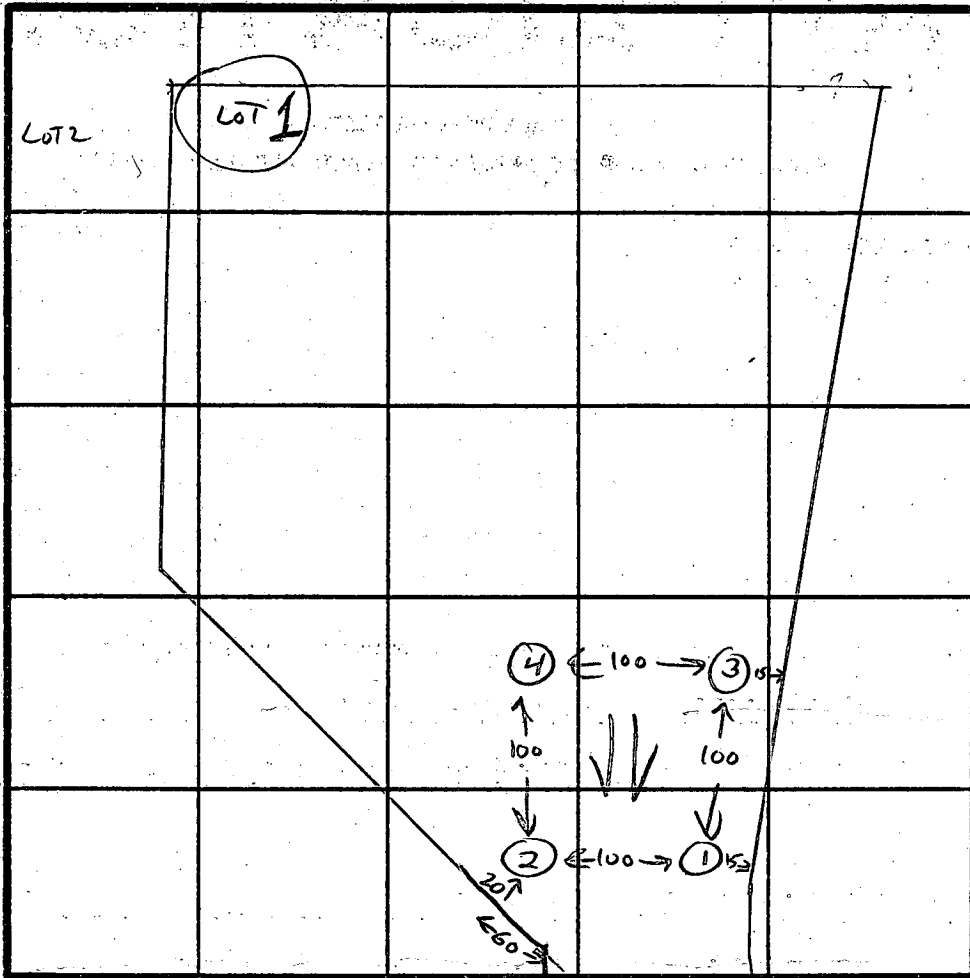
BLDG. PERMIT SIGNED  
AND RETURNED 2/25/87

8/18/87  
BP # 10191

# THIS IS NOT A PERMIT

ALL HOLS  
SOIL PROFILE

TOP SOIL  
+ CLAY  
LOAM  
3'  
MICA  
LOAM  
AND  
SAND  
LOAM  
13-14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

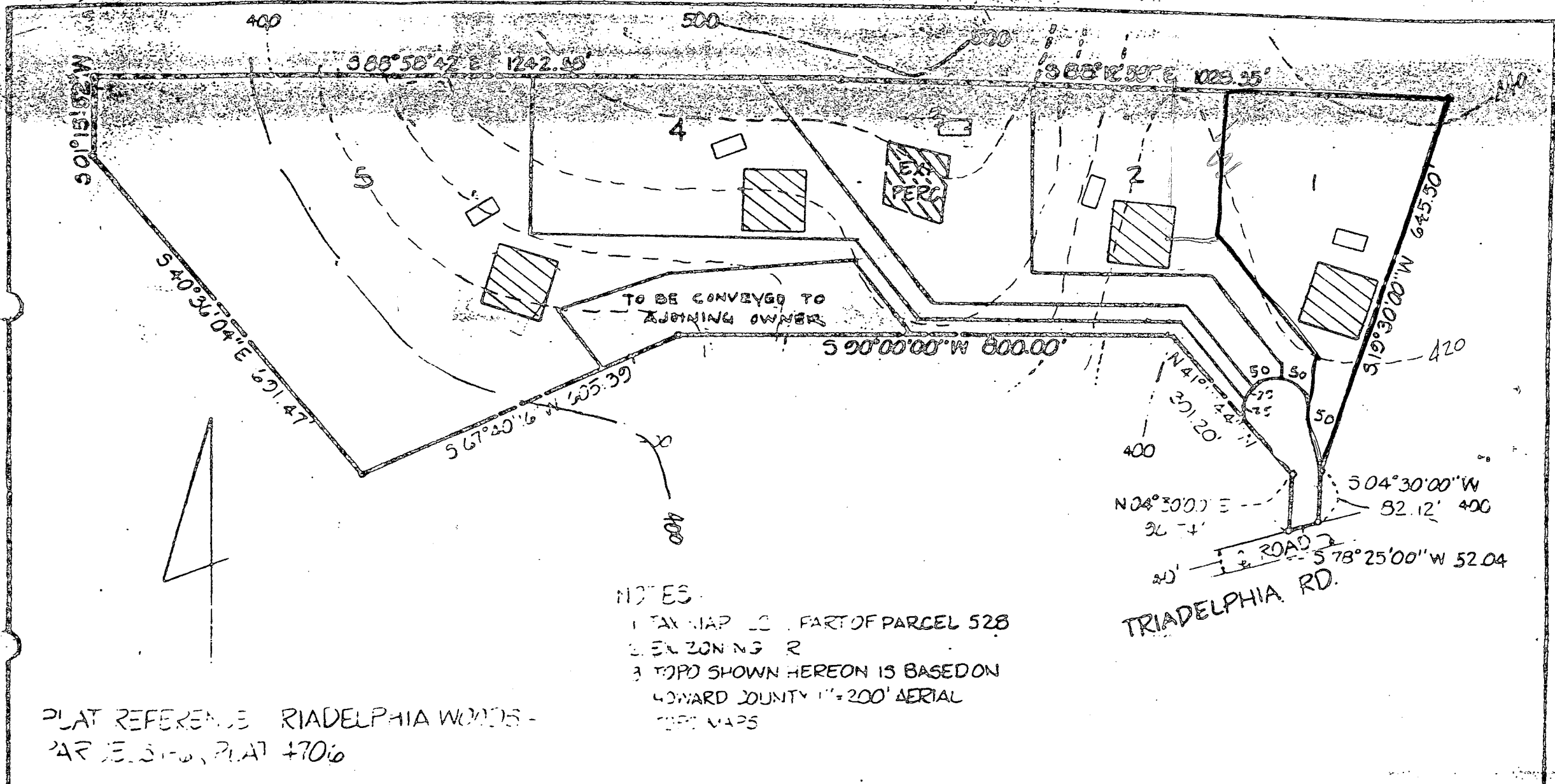
TRIADOLPHIA RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	1 Low	4 8 13	11:32	11:34	11:34	11:37	3 MIN
				SAND			
	2	4 8 13	11:33	11:34	11:34	11:36	2 MIN
				SAND			
	3	4 8 13		VISUAL SAND			
	4 High	4 8 14	11:44	11:47	11:47	11:50	3 MIN
				SAND			

REMARKS CERTIFIED LOCATIONS REQUIRED.

TYPE OF SOIL MICA-SAND-LOAM

TESTED BY C. Williams ALSO PRESENT FYOCK & SKIPPER



Lot # 1

TITLE <b>PERC PLAT</b>	DATE: JULY 1984	boender associates engineers surveyors planners
PROJECT: 3RD ELECTION DISTRICT HOWARD COUNTY, MD.	BY: D.M.P.	PROFESSIONAL BUILDING

B 1 7008

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-1087

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

please print or type

fill in this form completely

Date Received 7/3/86 - 9:30 AM

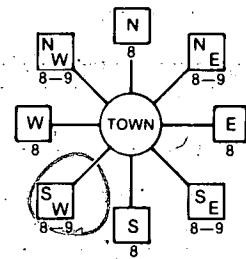
B 3 LOCATION OF WELL

OWNER INFORMATION SETZER DONALD 2206 SPRING VALLEY RD ELLICOTT CITY MD 21043

HOWARD TRIAD DELPHIA WOODS SECTION 2 LOT 19 MARYFIELD MILES FROM TOWN

DRILLER INFORMATION L. Daniel Easterday L Franklin Easterday Inc. 9265 Brown Church Rd Mt Airy MD 21777

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



MERICOLE CT. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 700 ENTER FT or MI

WELL INFORMATION APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 500

- USE FOR WATER (CIRCLE APPROPRIATE BOX) D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) F FARMING... I INDUSTRIAL... P PUBLIC OR PRIVATE WATER COMPANY... T TEST, OBSERVATION, MONITORING...

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

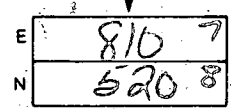
Howard A 39587 COUNTY NAME COUNTY NO. OEP SIGNATURE DATE ISSUED 062585 CO SIGNATURE EXP. DATE 6/25/85 NORTH GRID 528000 EAST GRID 0817000

APPROXIMATE DEPTH OF WELL 200 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

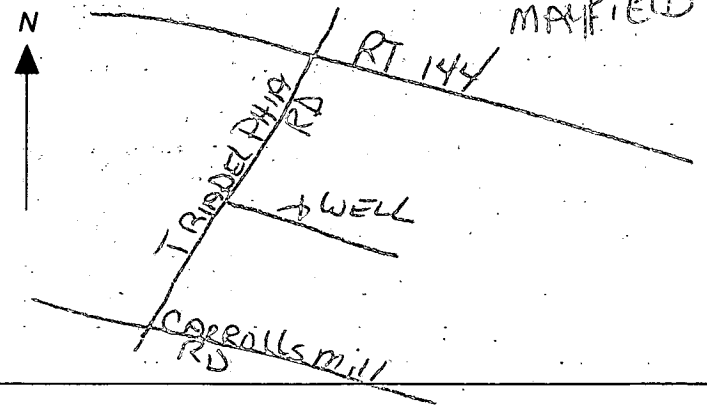
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER 1. WELL 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.



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) 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 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) APPROX. PERMIT NUMBER FORCE INITIALS IN BOX WRITE PERMIT No. HO-81-1087

SPECIAL CONDITIONS

Corrected copy

C1 01195

SEQUENCE NO. (OEP USE ONLY)

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 A34581

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 070386

22 26 180 (TO NEAREST FOOT)

28 37 10-81-1087

OWNER SETZER, DONALD last name ERICOLE first name TOWN MAYFIELD SUBDIVISION TRIDELPHIA WOODS SECTION LOT 19

WELL LOG

Not required for driven wells

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

Table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include TOP SOIL, CLAY, SHALEY, SAND SILT + CLAY, MICA, FLINT, MICA.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 14 NO. OF POUNDS 1400 GALLONS OF WATER 105 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 37 ft.

CASING RECORD

MAIN CASING TYPE (ST) Nominal diameter (6) Total depth (134) OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole (ST) insert appropriate code below (BR) BRASS (HO) OPEN HOLE (PL) PLASTIC (OT) OTHER

DEPTH (nearest ft.) 1 40 132 180 2 23 24 26 30 32 36 3 38 39 41 45 47 51

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...

DRILLERS IDENT. NO. 41 DRILLERS SIGNATURE L. Daniel Feasterly Charles R. Feller 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.) WQ 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 9 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 34 WHEN PUMPING 84 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 - below LAND SURFACE 2 (nearest foot)

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) 460' X well 50' RLOT LINE ERICOLE ET



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

34581

New Installation   
Replacement

Receipt # 40681  
Date 12-21-87

Name of Installer J.A. Smith + Co INC

Telephone 796-7532

License number 5581  
Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner Joyce + Donald E. Setzer Telephone 730-8782  
Subdivision Triadelphia Woods Lot # 19 Well tag # HO-81-1087  
Site Address 12300 ERICOLE COURT  
Ellicott City MD 21043

**Pump**  
1. Type  
a. Deep well jet   
b. Shallow well jet   
c. Submersible   
2. Make Goulds  
3. Model # 10ET07  
4. Capacity 18 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 3/4  
2. RPM 3450  
3. Voltage   
a. 110   
b. 220

**Pitless Adapter**  
1. Make MARTINSON  
2. Model # BP10K  
3. Depth 42"

**Tank**  
1. Capacity 20 GAL  
2. Pressure relief valve? 75 PSI

**Piping**  
1. Type Coilden Tet M160  
2. Size 1"  
3. NSF and/or BOCA Code approved NSF  
4. Depth of supply line 42"

**Well data** 170'  
1. Depth 40 ft.  
2. Yield 10 GPM  
3. Static water level 40 ft.  
4. Will water supply be disinfected by installer? yes

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: J. Allen Smith

Date: 12/18/87

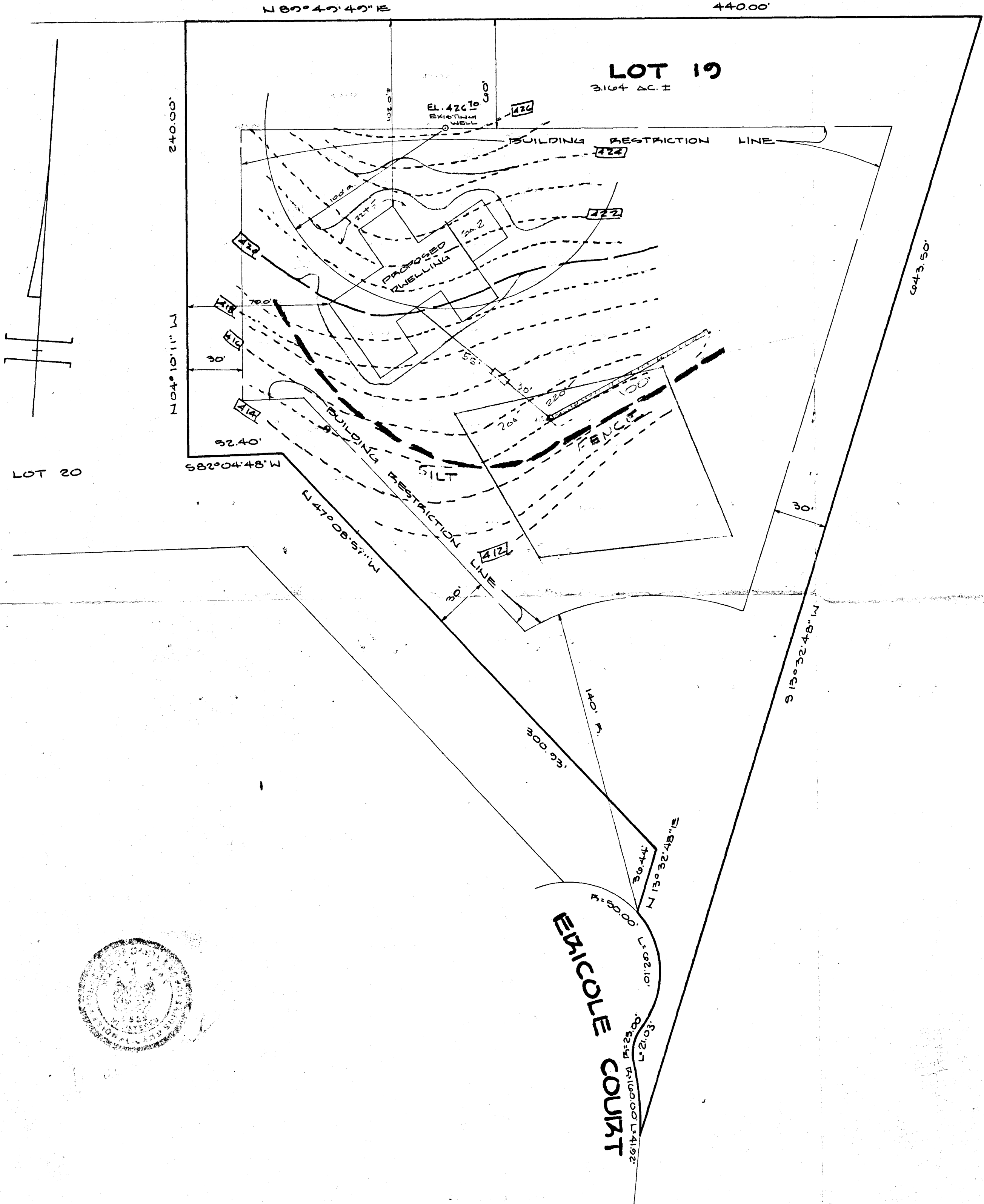
Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

# SITE PLAN

LOT 19  
 ERICOLE COURT  
 TRIADDELPHIA WOODS  
 LOTS 19-24  
 PLAT NO. 6728  
 3RD ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE: 1"=40' DATE: 2-15-87

NOTE:  
 [Hatched Area] INDICATES PRIVATE SEWAGE EASEMENT  
 NO LESS THAN 10,000 SQ. FT.



EXISTING HIGH HOLE	415.00	✓
TOP TERRACE	412.00	✓
EXISTING TANK	417.00	✓
INV. OUT	412.60	✓
INV. IN	413.00	✓
INV. AT HOUSE	414.20	✓
F.F.	423.00	✓

MANHOLE TO GRADE REQUIRED IF 3' Below Grade

*Shelton*  
 2-25-87  
 Unable to determine  
 trench shown is sufficient  
 for house. Do not install  
 according to diagram *only*  
*Shelton*

OLDG. PERMIT SIGNED  
 AND RETURNED 2-25-87  
 BP#10191



## HUDKINS ASSOCIATES INC.

SUITE 231, HARRERS CHOICE VILLOGE CENTER  
 5485 HARRERS FARM RD.  
 COLUMBIA, MARYLAND 21044  
 PHONE: 730-9060