

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992-2330

A 31766

P \_\_\_\_\_

DISTRICT 4

DATE 12/14/81

*Free!*  
3/7/84  
~~8:30 A.M.~~  
9:30 A.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 Albert K. Ross

ADDRESS 1200 Winters Church Rd., New Windsor, Md PHONE 875-2006

PROPERTY LOCATION:

SUBDIVISION N/A LOT NO. N/A

ROAD AND DESCRIPTION Northeast side of Penn Shop Road (Third lot on north side of road)

Taxmap 6, parcel 87

SIZE OF LOT 1 acre TYPE BLDG. Residential (3BR)  
(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. Albert K Ross  
(SIGNATURE OF APPLICANT)

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

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

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

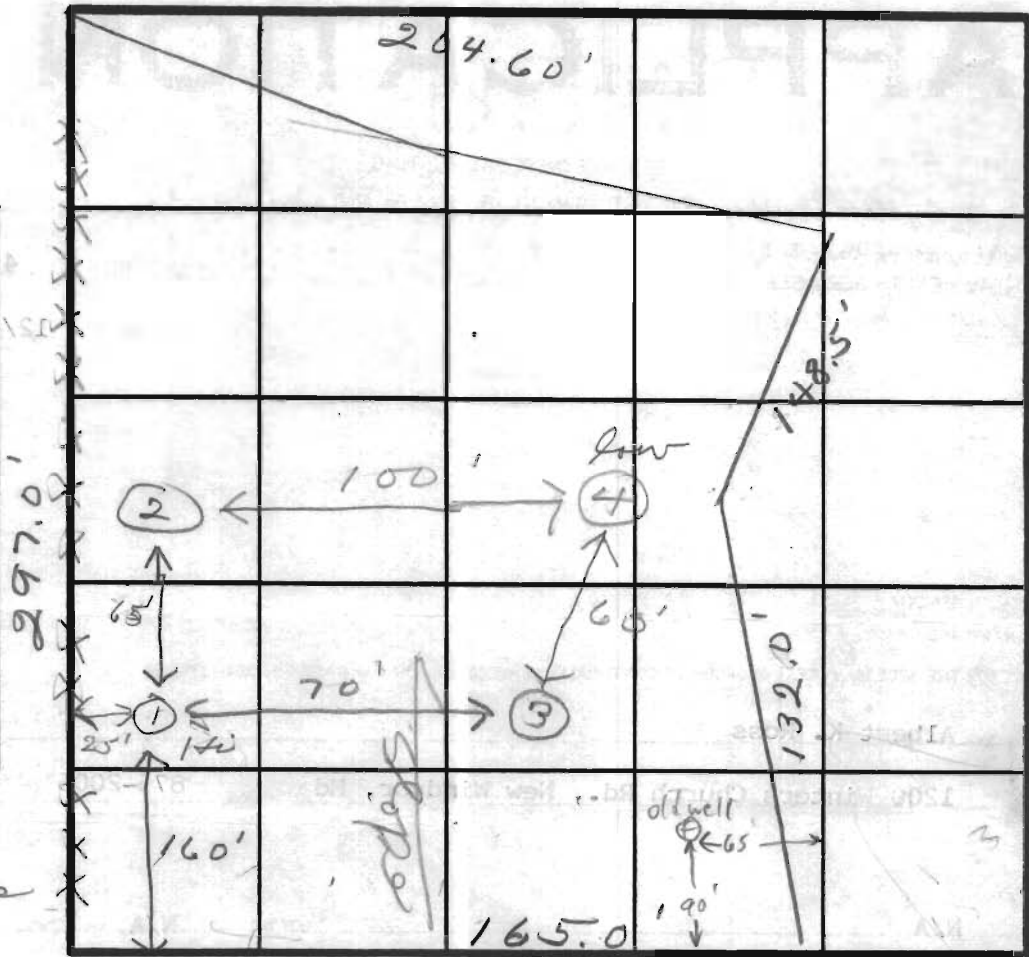
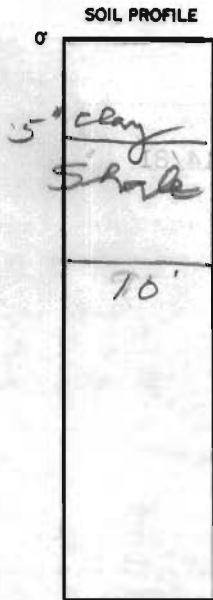
REASONS FOR REJECTION OR HOLDING High water table - heavy clay

and shale; recommend rejection of lot for

any type of septic system 3/7/84 JB

3/27/84 - could not perc any shelp. Heavy shale below 5ft JB

# THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Penn shop Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/7/84	1 S	3 1/2'	9:40	10:00	10:01	10:01	1 - all shale
	2	8'	water at 7'				
	3	10'	water at 9'				
	1 SA	4'	10:20	10:50	10:50	10:50	failed - 1/4" 30 minutes
	4	10'	water 6'				

REMARKS Drilled well to be sealed

TYPE OF SOIL \_\_\_\_\_

TESTED BY [Signature] ALSO PRESENT Bob Helton

EH-12-1079

*Prel.*

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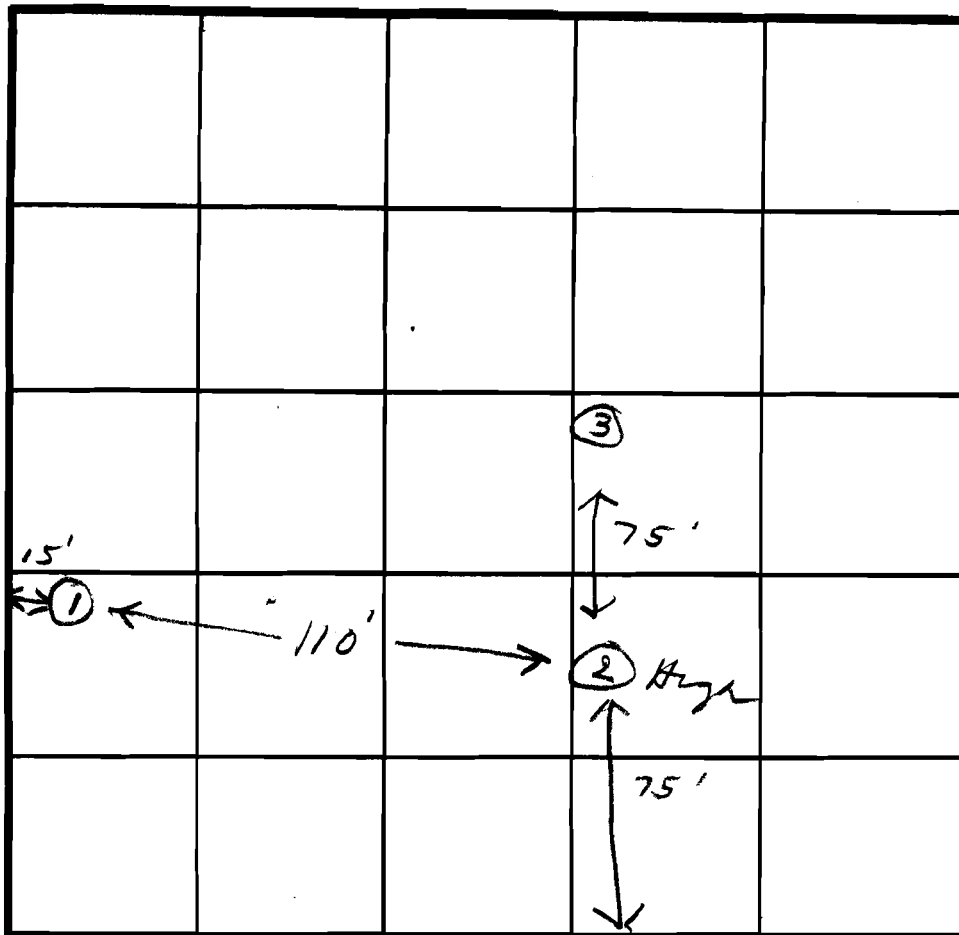
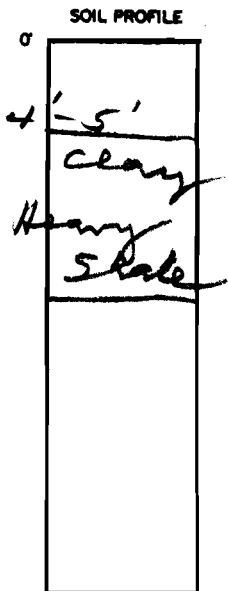
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HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

## THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Penn Shop Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/27/84	1 S M	4 4	10:01	- 1/2 mile - chab	30 min	Bucket full	1 min
	2 S M	4	9:30	no movement			
	3	water	8 ft				

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY [Signature] ALSO PRESENT Bob Helton



# Custom Home Design

228 South Main Street  
Mount Airy, Maryland 21771

831-7415

September 2, 1988

Environmental Health  
Howard County Health Department

TO WHOM IT MAY CONCERN:

Some time ago, we attempted to obtain a building permit on this "allegedly" perked lot only to be advised that it must be re-perked.

When we attempted to perk the lot, we hit water at six (6) feet on sites designated 2 and 3, and at eight (8) feet on site 4 (see plat enclosed). Our request for a permit was then denied. The sanitarian in attendance was a Mr. Streaker.? - **JIM STAYER!**

I recently read that Howard County was allowing sand mounds to be used for such circumstances. Therefore, my questions are:

1. Would this site be acceptable for this system? and
2. If so, do you know anyone who puts them in?

A prompt reply would be appreciated.

Thank you,

Bob Hilton  
Custom Home Design

*12/5/88 copy of file given to Ben Stayer for I/A  
inclusion in site ~~with~~ 'CONTRASTION'*

**SOIL DESCRIPTION**

NAME Hiltson, Robert COUNTY Howard FILE NO Tax Map 6 Block 4 PPT  
 SOIL MAP UNIT Linganore channely silt loam MAP SYMBOL La B<sub>2</sub>, La B<sub>3</sub>, Ga B DATE 3-21-89  
 GEOLOGIC MATERIAL Black slatey schist (phyllite? <sup>60%</sup> granite) ELEVATION \_\_\_\_\_ GRID NO \_\_\_\_\_ E  
 NO. TPI DESCRIBED BY R. Pinkley \_\_\_\_\_ N

*Rock is black gray, feel breaks into micathin flakes.*

Horizon	Depth in.	Color		Texture	Structure		% Rock Fragments	Notes (Moisture, Density, Biopores, Seepage)
		Matrix	Mottles		Grade	Type		
A <sub>1</sub>	0-2	10YR 7/3	—	SIL	2m	gran	0.5-2" size 25-35% channels	Wet mfr sl. sticky
A <sub>2</sub>	5-7"	10YR 7/3	—	hSIL	2F	sbk	ph + schist 40-50% grains & channels	Moist mfr close to foundation c/w
B <sub>t</sub>	7-10	10YR 4/3	—	SCL	2F-C	sbk	30-40% channels	Moist mfr 4 nk clay silts SF pores boundary c/w
B <sub>2t</sub>	10-16	10YR 5/3	✓	SICL	1-2 CA	sbk	40% channels	Moist mfr - mfr Free water faces denser boundary c/w
B <sub>3</sub>	16-21	10YR 4/2	CSF 10YR 4/3	SICL	1 m-F	sbk	40% channels	Moist-wet mod sticky + free water seepage & plastic at places denser boundary c/w
CR-R	21-46	2.5Y 5/0 - ssp variegated olived yel-browns		SIL		massive	>70% phyllite graphite channels	Moist, umicaceous slate blue grey graphite feel mfr discontinuous bands
CR	21-7ft	olive + yel-br red br stains + blue grey spots		hSICL to SIC texture		Massive	very dense where rock >50%	
R		Blue-grey shiny greasy		diagnostic			95% channels	

LANDSCAPE

Position

Summit \_\_\_\_\_  
 Shoulder \_\_\_\_\_  
 Sideslope   
 Footslope \_\_\_\_\_

Depression \_\_\_\_\_  
 Upland \_\_\_\_\_  
 Terrace \_\_\_\_\_  
 Floodplain \_\_\_\_\_

Slope

Percent 6-8%  
 Shape Linear

*No WT encounters!*

SOIL DRAINAGE CLASS

ED \_\_\_\_\_ MWD  PD \_\_\_\_\_  
 WD \_\_\_\_\_ SPD \_\_\_\_\_ VPD \_\_\_\_\_

WATER TABLE

LIMITING ZONE

at 7 ft  
CR at 21"

SOIL CLASSIFICATION

*at TP2 CR=R easily diagnostic Bl grey black schist at 21"*

TEST DATA

NAME <u>Hilton, Robert</u>	FILE NO _____
LOCATION <u>N/E Penn Shop Rd</u>	COUNTY <u>Howard</u>
_____	DATE <u>3-21-89</u>
RECORDED BY <u>R. Pinkley</u>	GRID _____ E

*weather - cloudy today, rained last night  
+ early this AM*

HOLE NO.	TEST NO.	DEPTH	CLOCK TIME	ELAPSED TIME	MEASUREMENT	REMARKS (Method, Moisture, Biopores)
TP1	P1 1 1/2" x 1 1/2"	21"	11:09:26		3 3/4"	Some cherty black silty silt + quartzite fragments (up to 6" long) about 30-40% red gravel fragments at bottom 4" of hole. Rapid start that slowed by lot measurement
			11:16		3 3/4"	
			11:28		3 3/4"	
			11:54		3 3/4"	
			12:22		3 3/4"	
TP2	P2 1 1/2" x 1 1/2" x 1 1/2" square tile	14"	11:14		7 3/8"	slight surface water seepage into hole
			11:24		7 3/8"	
			11:52		7 3/8"	
			12:22		7 1/2"	
TP2	P3		12:32		5 1/2"	
			12:48		5 1/2"	



**DEPARTMENT OF THE ENVIRONMENT**

2500 Broening Highway, Baltimore, Maryland 21224

Area Code 301 • 631- 3652

**William Donald Schaefer**  
Governor

March 30, 1989

**Martin W. Walsh, Jr.**  
Secretary

Mr. Frank Skinner, Director  
Environmental Health  
Howard County Health Dept.  
PO Box 476  
Ellicott City, MD 21043

**RE:** Robert Hilton Property, Tax Map 6,  
Parcel 87, Penn Shop Road

Dear Mr. Skinner:

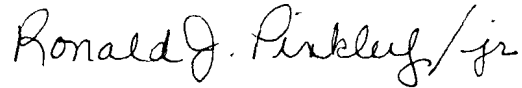
The Division of Residential Sanitation has evaluated the above property. Based on the available data the property is unsuitable for installation of an innovative/alternative on-site sewage disposal system. A copy of the site evaluation data is attached for your records. Limiting site and soil conditions encountered on the property were:

1. High water table\_\_\_\_\_
2. Very rapidly permeable soils\_\_\_\_\_
3. Shallow soils over fractured rock\_\_\_X\_\_\_
4. Very slowly to nearly impermeable soils\_\_\_X\_\_\_
5. Floodplain soils\_\_\_\_\_
6. Slope problems\_\_\_\_\_
7. Limited useable area\_\_\_\_\_
8. Insufficient setback distances from wells, streams, slopes, springs, property lines, etc.\_\_\_\_\_

Page 2

Please forward a copy of this letter and attachments to the property owner. If you or the property owner have any questions, please call me at (301) 631-3652.

Sincerely,

A handwritten signature in cursive script that reads "Ronald J. Pinkley, Jr.".

Ronald J. Pinkley, R.S.  
Innovative and Alternative Section  
Division of Residential Sanitation

cc: Ms. Merrylin Zaw-Mon  
Mr. Jack R. Holthaus, R.S.

RJP:jdr

PLAT OF SURVEY  
 EDNAL INC. PROPERTY  
 4th. Election District  
 Howard County Maryland  
 Scale 1"=50' 3/15/72

RENN SURVEYS  
 Damascus, Md.

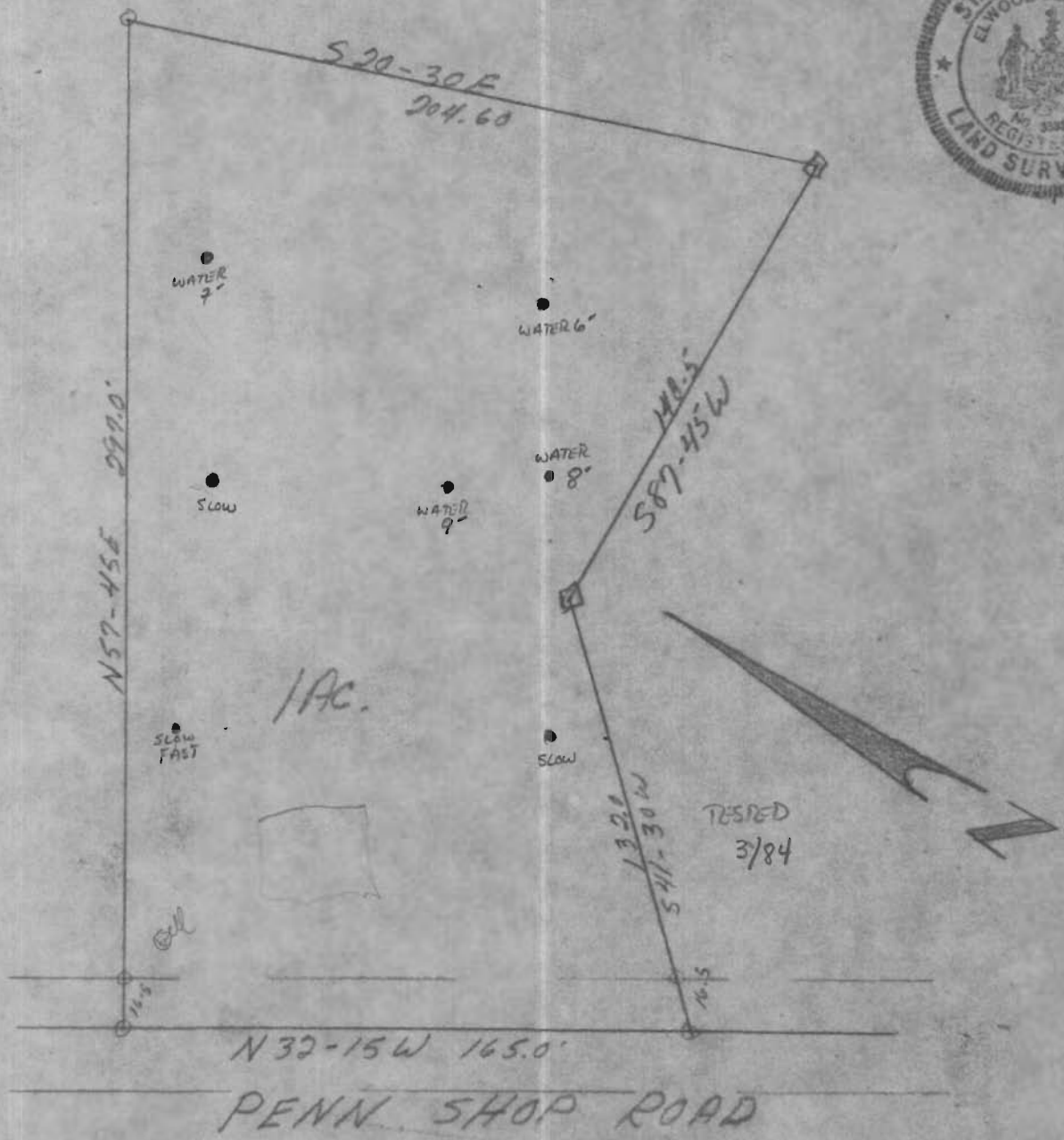
Liber 560  
 Folio 378

I hereby certify that iron pipes marked thus IPS have been placed where indicated on this plan, and that concrete monuments have been found.

RECEIVED  
 ELWOOD L. RENN  
 REGISTERED  
 LAND SURVEYOR

Date 3/15/72

*Elwood L. Renn*  
 Elwood L. Renn  
 P.L.S.Md. 3385



1200 Winters Church Road  
New Windsor, Maryland 21776  
March 2, 1984

Howard County Health Department  
Environmental Health Services  
P. O. Box 476  
Ellicott City, Maryland 21043

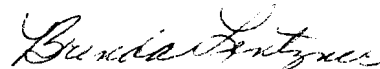
Att: Mrs. Smoot

Dear Mrs. Smoot:

As per our telephone conversation this date, please find enclosed a plat of the lot Mr. Ross owns in District 4, Penns Shop Road, Mt. Airy.

Thank you for your cooperation. If you should have any questions, please do not hesitate to call 875-2006.

Very truly yours,



Brenda Lentzner  
Secretary

*Mr. Skinner  
lets you have  
a copy of  
this*

PLAT OF SURVEY  
EDNAL INC. PROPERTY  
4th. Election District  
Howard County Maryland  
Scale 1"=50' 3/15/72 R-ZONE

Liber 560  
Folio 378

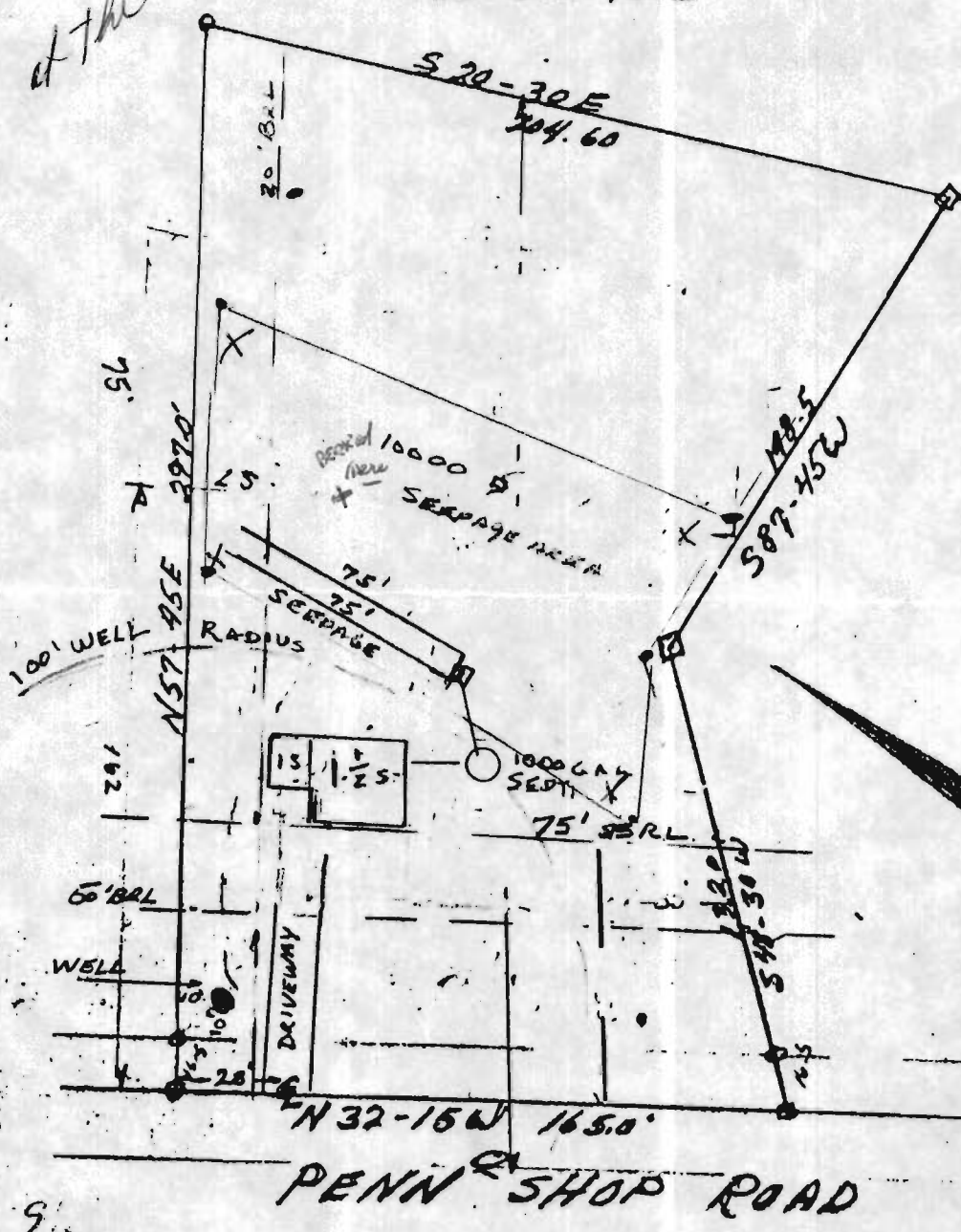
I hereby certify that iron pipes marked thus IPS have been placed where indicated on this plan, and that concrete monuments have been found.

*lets  
T. Ry  
at 9' x 4'  
of the X's*

Date 3/15/72

Elwood L. Kenn  
P.L.S.Md. 3383

PARCEL 87  
MAP 6  
REF SEC 100E



↓ FROM SURFACE ELEVATIONS

800	WELL	802'
798	HOUSE FLOOR 1ST	803.5
798	HOUSE " 2ND	811.5
798	" BASE	796.0
798	" DV.	799
795	SEPTIC IV.	798.5
799	SEPTIC DV	798
794	JUNCTION IV.	797.5

PROPOSED HOUSE  
LOCATION - 4TH ELDIS  
LIBER 1008  
FOLIO 227  
HOWARD CO. MD

PENN SHOP ROAD

