

11/13/95  
umc/lo

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50980 E  
50701A  
A 46448

DISTRICT 3rd

DATE 11-16-95

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~313-3838~~ 313-2640

# 317811  
INDEXED

DATE SYSTEM APPROVED 11-13-95

INSPECTOR ALM

Jack Fyock Septic Service

IS PERMITTED TO INSTALL X ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, MD 21737 PHONE 988-9270

SUBDIVISION Broderick Property LOT 2 ROAD 12138 Two Penny Court

PROPERTY OWNER Seyed & Touran Hosseini

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 192.04 and 142.04 lot lines, place distribution box 80 feet up the 192.04 lot line and 60 feet off that same lot line. Run trenches on contour toward the intersection of the 192.04 and 142.04' lot lines.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 11/6/95 Alm

PLANS APPROVED BY Amy McMillen DATE 11/1/95

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, 90° ELBOWS NOT ACCEPTABLE.

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 35/40 PVC OR ABS

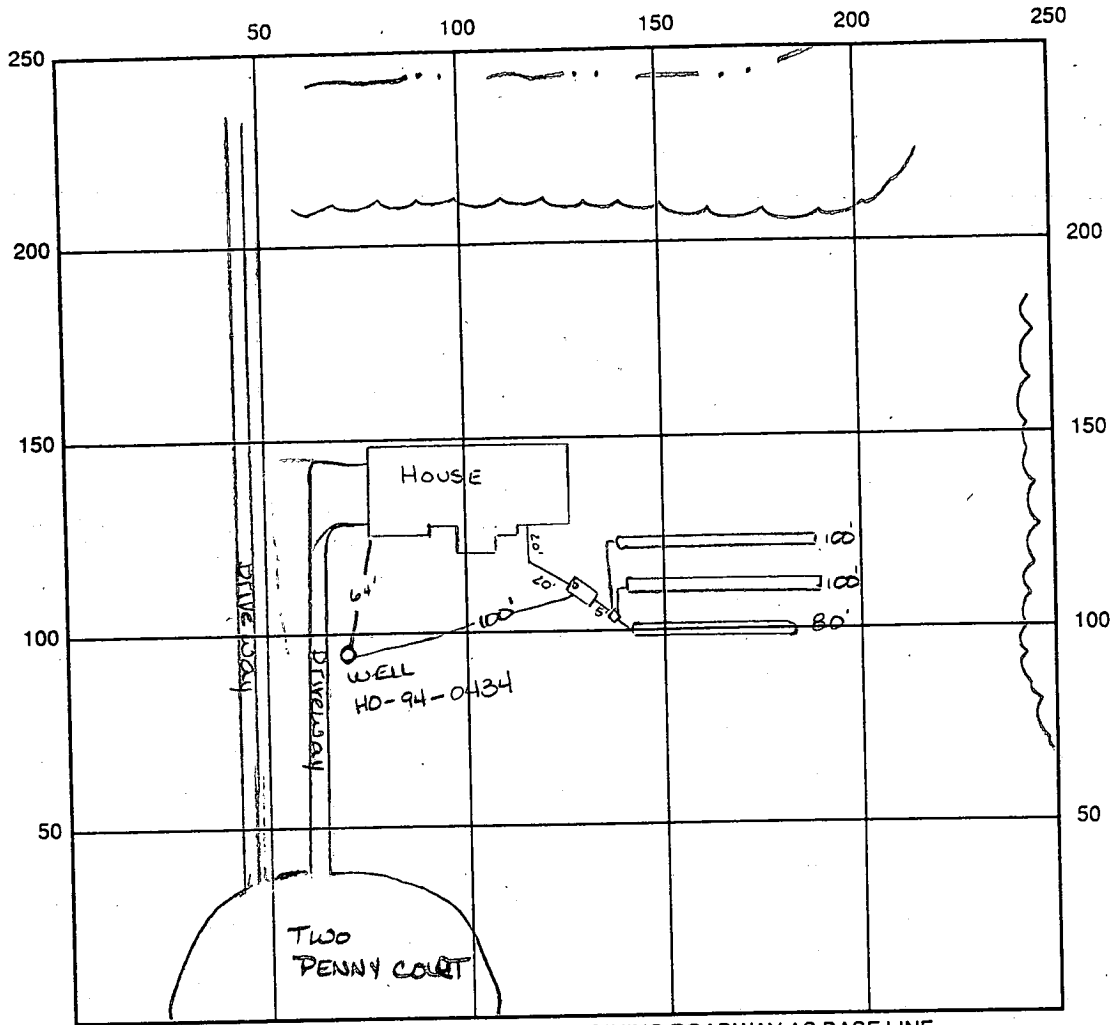
PERMIT VOID AFTER TWO YEARS

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 PVA 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**

A 50701A



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH ①100 ②80 FT. = 280 total linear ft

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

$$\begin{array}{r} 280 \\ \times 3 \\ \hline 840 \end{array}$$

REMARKS: 11-13-95 OK to cover all work final plan

DATE SYSTEM APPROVED 11-13-95

INSPECTOR Amy McMullen

# APPLICATION

PERCOLATION TESTING

A 50701

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

*PREVIEW OK  
APPLICANT HAS BEEN  
ADVISED OF  
POTENTIAL FOR*

DISTRICT \_\_\_\_\_

DATE 5-22-95

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

*"NO DECISION"  
ON WATER TABLE (CW)*

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Braderrick Properties

ADDRESS 2 Penny Court PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Lawrence Pelt

ADDRESS 7270 meadows wood way, clarksville, md 21029 PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Wood mark LOT NO. 2

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT 5 ACRES TYPE BLDG. SINGLE FAMILY  
(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.

*Lawrence Pelt*  
(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY # \_\_\_\_\_

SOIL PROFILE

0'

Vertical rectangular box for soil profile notes on the left side.

Vertical rectangular box for soil profile notes on the left side.

Vertical rectangular box for soil profile notes on the left side.


SOIL PROFILE

0'

Vertical rectangular box for soil profile notes on the right side.

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

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

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 50701

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 5-23-95

*Reperc to  
move SDA  
5-23-95*

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER MR. Lawrence Rub

ADDRESS 7270 Meadow Wood Way Clarksville  
PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER SAME as above

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Broaderick Prop LOT NO. 2

ROAD AND DESCRIPTION end of Two Penny Ct.

TAX MAP 22 PARCEL # 181

SIZE OF LOT 5.596 acres TYPE BLDG. SFD  
(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.

(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

A50701

POND/LAKE

COUNTY #

SOIL PROFILE

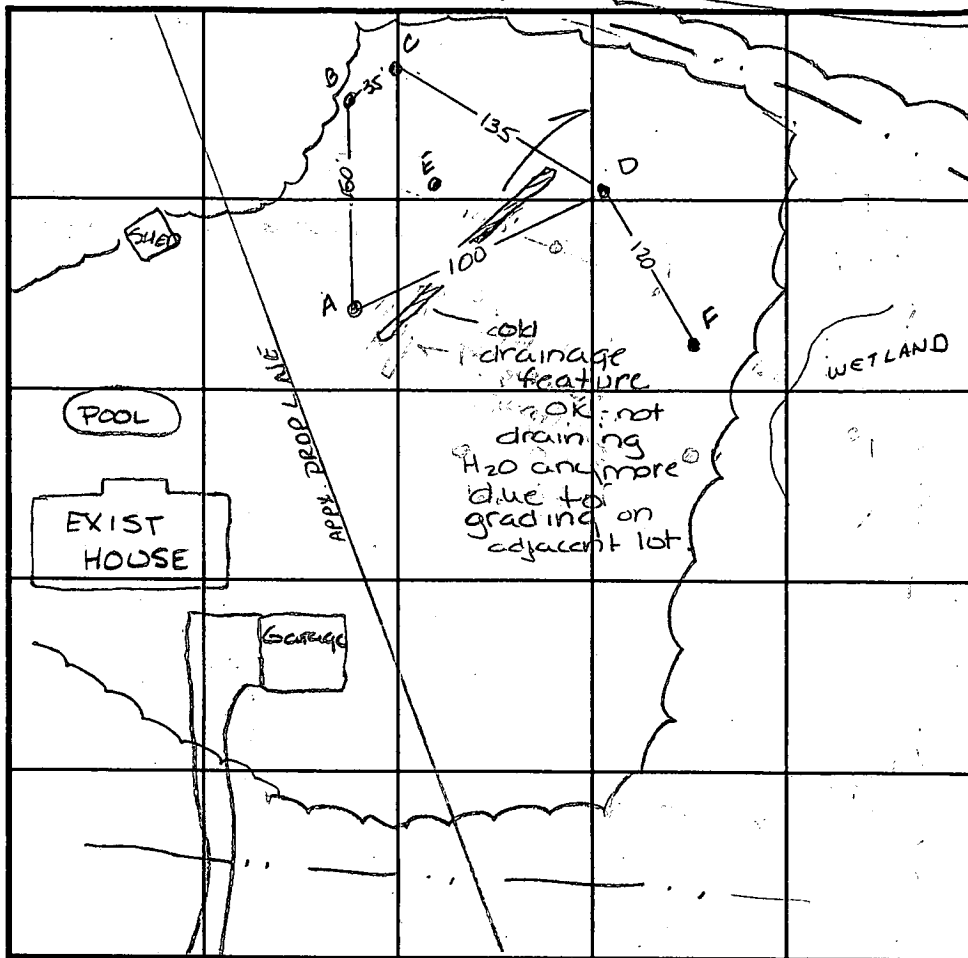
**A**  
 0' dark red SiClm  
 6" rocks  
 2' orange yellow SiLm  
 4' greyish SaLm  
 matrix color grey/red  
 horizontal bedded  
 from parent rock  
 25% 4" rock frags  
 hard bottom  
 12'

**B, C**

brn mica SiClm  
 3' yellow brn SiSaLm  
 4' beige SaLm  
 micaceous  
 very loose & large grained  
 12'

**D**

dark brn organic layer  
 2' beige SaLm  
 5-10% large rock frags  
 10' hard bottom



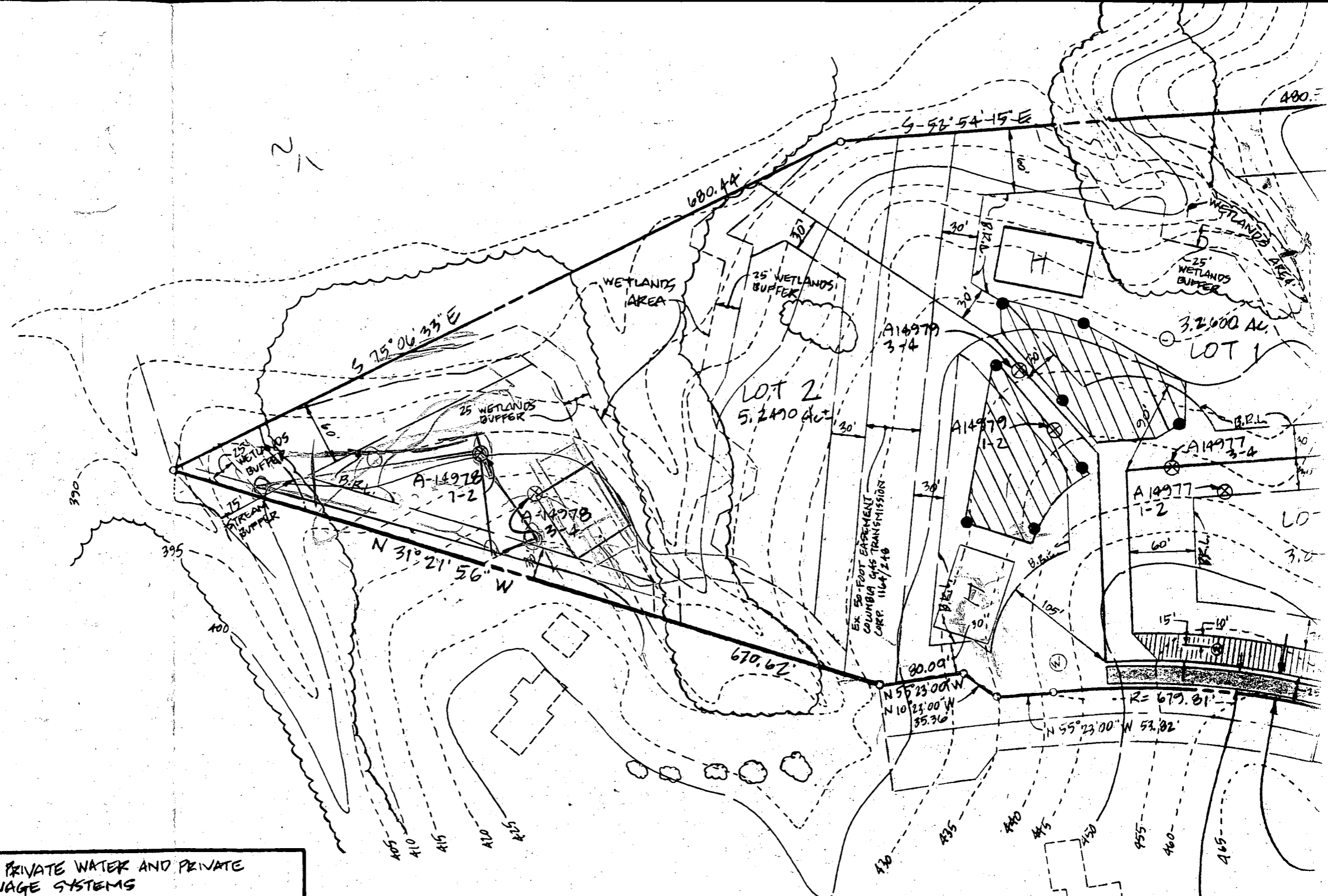
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

**E, F**  
 0' yellow brn SiClm  
 3' dark brn SaLm  
 5% 6" dia rock frags  
 micaceous  
 13'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-23-95	A	4' V12'	10:27	10:32 <sup>30</sup>	10:32 <sup>30</sup>	10:42	9 1/2 min
	B	4' V12'	10:45 <sup>45</sup>	10:50	10:50	10:54	4 min
	C	3.5' V12'	10:55	10:57	10:57	10:59	2 min
	D	3' V10'	11:12	11:14	11:14	11:17	3 min
	E	Visual	to 12'	_____	_____	_____	OK
	F	Visual	to 13'	_____	_____	_____	OK

REMARKS \_\_\_\_\_  
 TYPE OF SOIL sandy loam  
 TESTED BY Amy McMillen ALSO PRESENT MR. Rub  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 6 min TRENCH WIDTH 3'  
 INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 5" SQ. FT./BEDROOM 180



**APPROVED:** FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS

# APPLICATION

PERCOLATION TESTING

A 46448  
P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 10/2/90

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 CATHERINE O. BRODERICK SEYED F. TOURAN HOSSEINI

ADDRESS 12130 MOUNT ALBERT RD. E.C., MD. 21043 PHONE 531-6676  
992-1745

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION: BRODERICK PROPERTY

SUBDIVISION (NEAR WOODMARC SUBDIVISION, SEC. 1) LOT NO. 2

ROAD AND DESCRIPTION END OF TWOPENNY COURT, N.W. OF MOUNT ALBERT RD.

TAX MAP 22 PARCEL # 181

SIZE OF LOT 5.596 AC.

BLDG. PERMIT SIGNATURE AND RETURNED 10/28/90  
Serial # 62110 - 4 Bldg.  
TYPE BLDG. PROPOSED SINGLE FAMILY  
(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.

APPROVED BY Charles Bryan FOR Shanaberger & Coles (SIGNATURE OF APPLICANT) DATE 12/6/90

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

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

REASONS FOR REJECTION OR HOLDING  
12/6/90 Plat reviewed - ok C.B. +/or F.F.A.C.D.  
↳ 10/31/90 Plat dated - Perc Test Plat  
Broderick property (2 LOT S)

# THIS IS NOT A PERMIT

A # 46448

Benson Branch

HOLES #  
LOT # 1 + LOT # 2

HOLE # 4 SOIL PROFILE

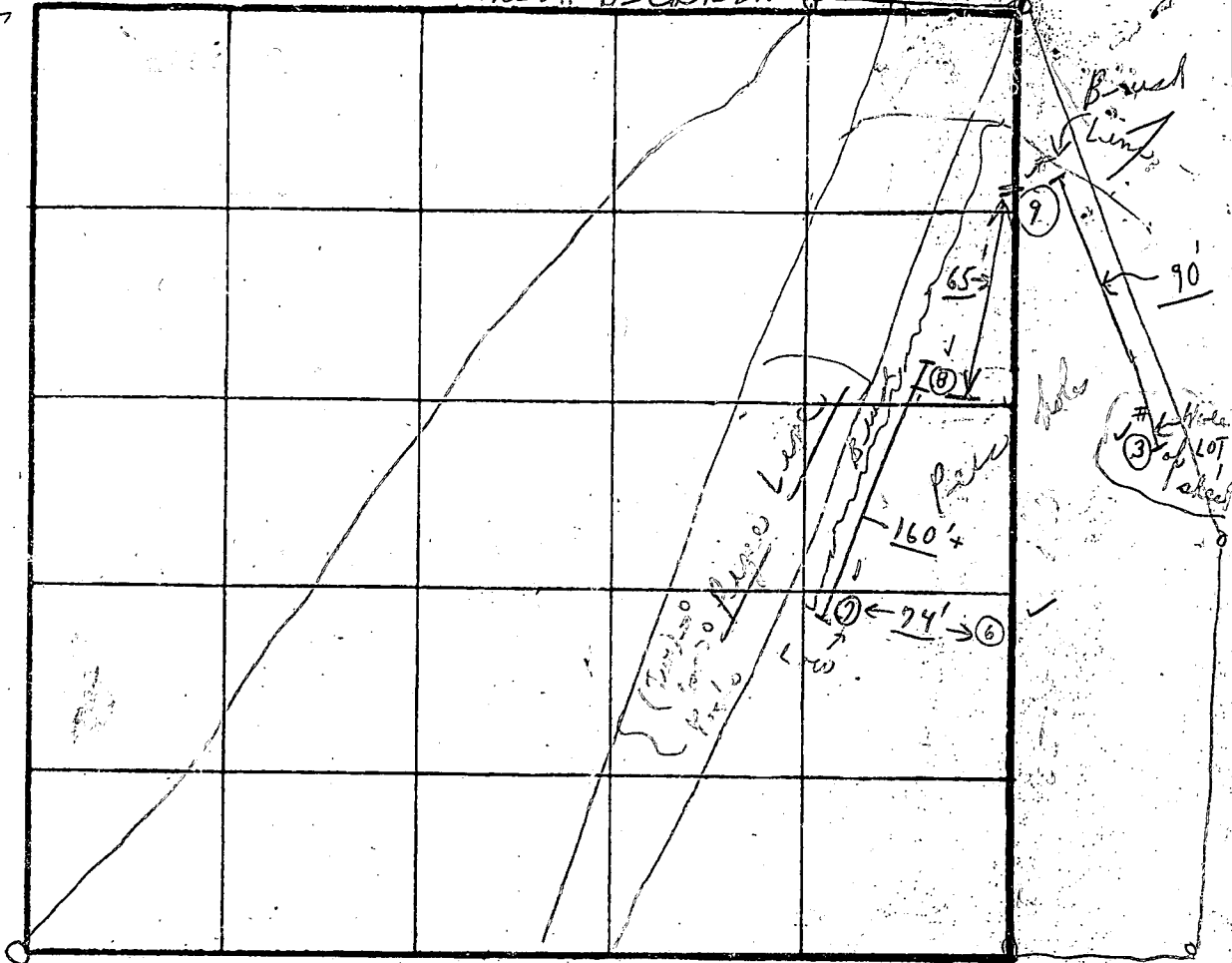
0' - 2'-3"  
CLAY  
2'-3 1/2' - 14'  
ALL  
LOAM  
TO  
BOTTOM

HOLE # 5 SOIL PROFILE

0' - 4' clay  
4' - 14 1/2'  
SANDY  
LOAM  
TO  
BOTTOM

HOLE # 6 SOIL PROFILE

0' - 2 1/2'  
CLAY  
2 1/2' - 10 1/2'  
LOAM TO  
BOTTOM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE TWO PENNY COURT EXTENDED

HOLE # 7 SOIL PROFILE

0' - 2 1/2' CLAY  
2 1/2' - 12'-3"  
SANDY  
LOAM

HOLE # 8 SOIL PROFILE

0 - 4' clay  
4' - 14'-4"  
SANDY  
LOAM

HOLE # 9 SOIL PROFILE

0' - 2' CLAY  
2' - 12' - 10"  
LOAM  
1079 ↓

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/11/90	# 1	2'	11:00	11:12	11:12	11:18	6 min	
	1	12'-10"	"LOAM ALL THE WAY"					
0-4 1/2'	2	2'-1 1/2'	11:13	11:26	11:26	11:31	15 min	
	2	14'-4'	11:45	11:49	11:49	12:04	15 min	
	3	2 1/2'	11:27	11:29	11:29	11:31	2 min	
	4	10 1/2'	Soled 2 1/2' - 10 1/2' bottom LOAM					
	5	2 1/2'	11:38	11:40	11:40	11:42	2 min	
	6	12'-3"	Sandy loam					

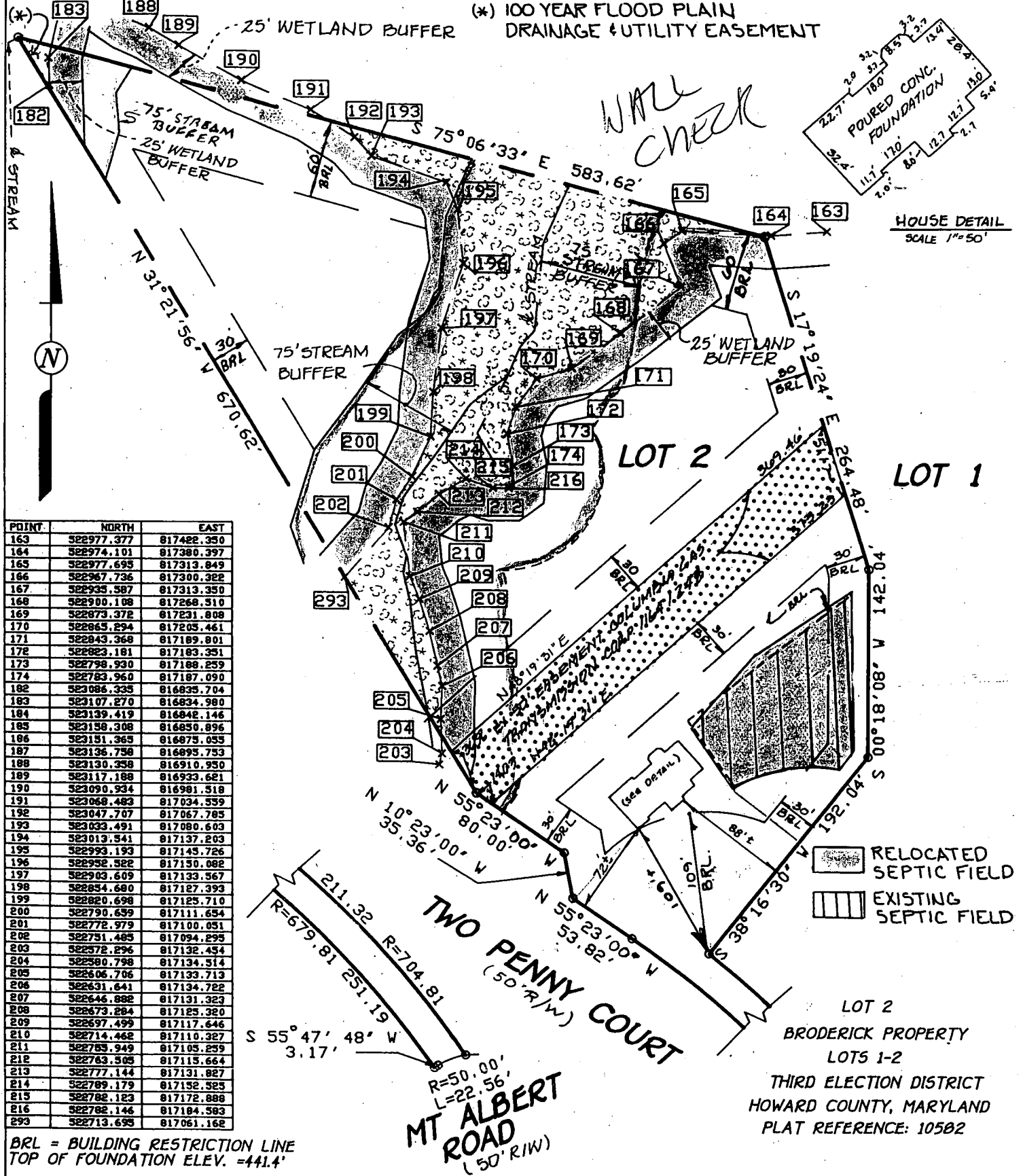
15'  
3'  
INLET

REMARKS Tests in open; Test per sketch  
TYPE OF SOIL Hold for certified holes  
TESTED BY C. Bell  
ALSO PRESENT { WES MAR CORP. }  
Light rain

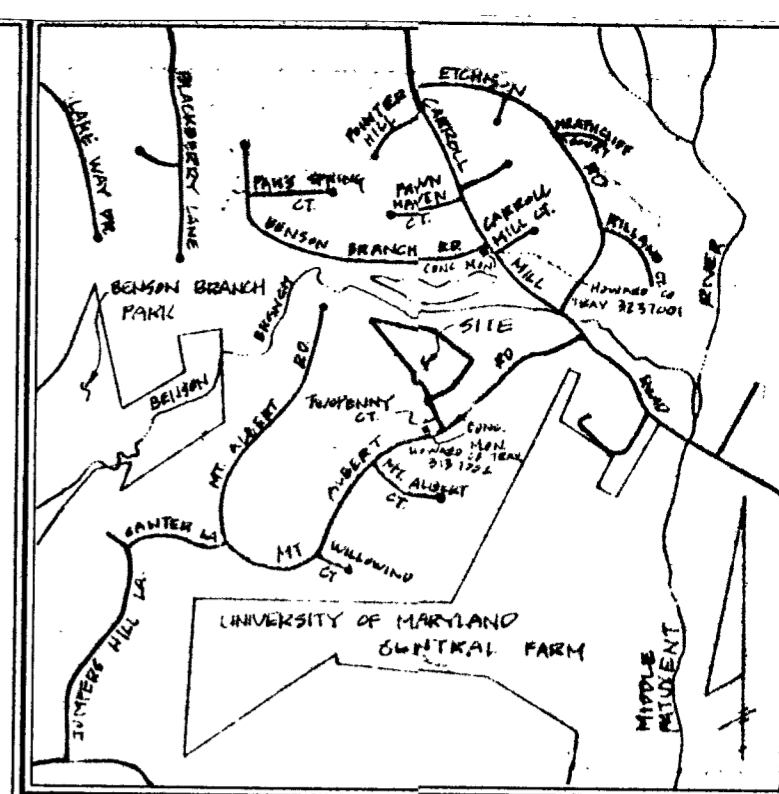
EM-12 1079 ↓

# GENERAL NOTES:

- THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
- SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440021B, EFFECTIVE DATE: DECEMBER 4, 1986
- THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1" ±



POINT	NORTH	EAST
163	522977.377	817422.350
164	522974.101	817380.397
165	522977.695	817313.849
166	522967.736	817300.322
167	522935.587	817313.350
168	522900.108	817268.510
169	522873.372	817231.808
170	522865.294	817205.461
171	522843.368	817189.801
172	522823.181	817183.351
173	522798.930	817188.259
174	522783.960	817187.090
182	523086.335	816835.704
183	523107.270	816834.980
184	523139.419	816842.146
185	523158.308	816850.896
186	523151.365	816875.059
187	523136.758	816895.753
188	523130.358	816910.950
189	523117.188	816933.621
190	523090.934	816981.518
191	523068.483	817034.559
192	523047.707	817067.785
193	523033.491	817080.603
194	523013.541	817137.203
195	522993.193	817145.726
196	522952.522	817150.682
197	522903.609	817133.567
198	522854.680	817127.393
199	522820.698	817125.710
200	522790.699	817111.654
201	522772.979	817100.651
202	522751.485	817094.295
203	522572.296	817132.454
204	522580.798	817134.514
205	522606.706	817133.713
206	522631.641	817134.722
207	522646.882	817131.323
208	522673.284	817125.320
209	522697.499	817117.646
210	522714.462	817110.327
211	522753.949	817105.259
212	522763.505	817115.664
213	522777.144	817131.827
214	522789.179	817152.525
215	522782.123	817172.888
216	522782.146	817184.583
219	522713.695	817061.162



VICINITY MAP  
SCALE: 1"=2000'

**GENERAL NOTES**

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
- PROPOSED 1500 GALLON SEPTIC TANK.
- A. FIRST FLOOR ELEVATION: 438.0  
B. BASEMENT ELEVATION: 429.0  
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 436.09  
D. INVERT IN AT SEPTIC TANK: 435.73  
E. INVERT OUT AT SEPTIC TANK: 435.48  
F. PROPOSED GRADE OVER SEPTIC TANK: 438.5  
G. INVERT AT DISTRIBUTION BOX: 434.8  
H. EXISTING GROUND OVER SEPTIC TANK: 437.8
- LENGTH OF TRENCH OVER DISTRIBUTION BOX: 34.8
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.
- CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM FOUNDATION AT ALL TIMES.

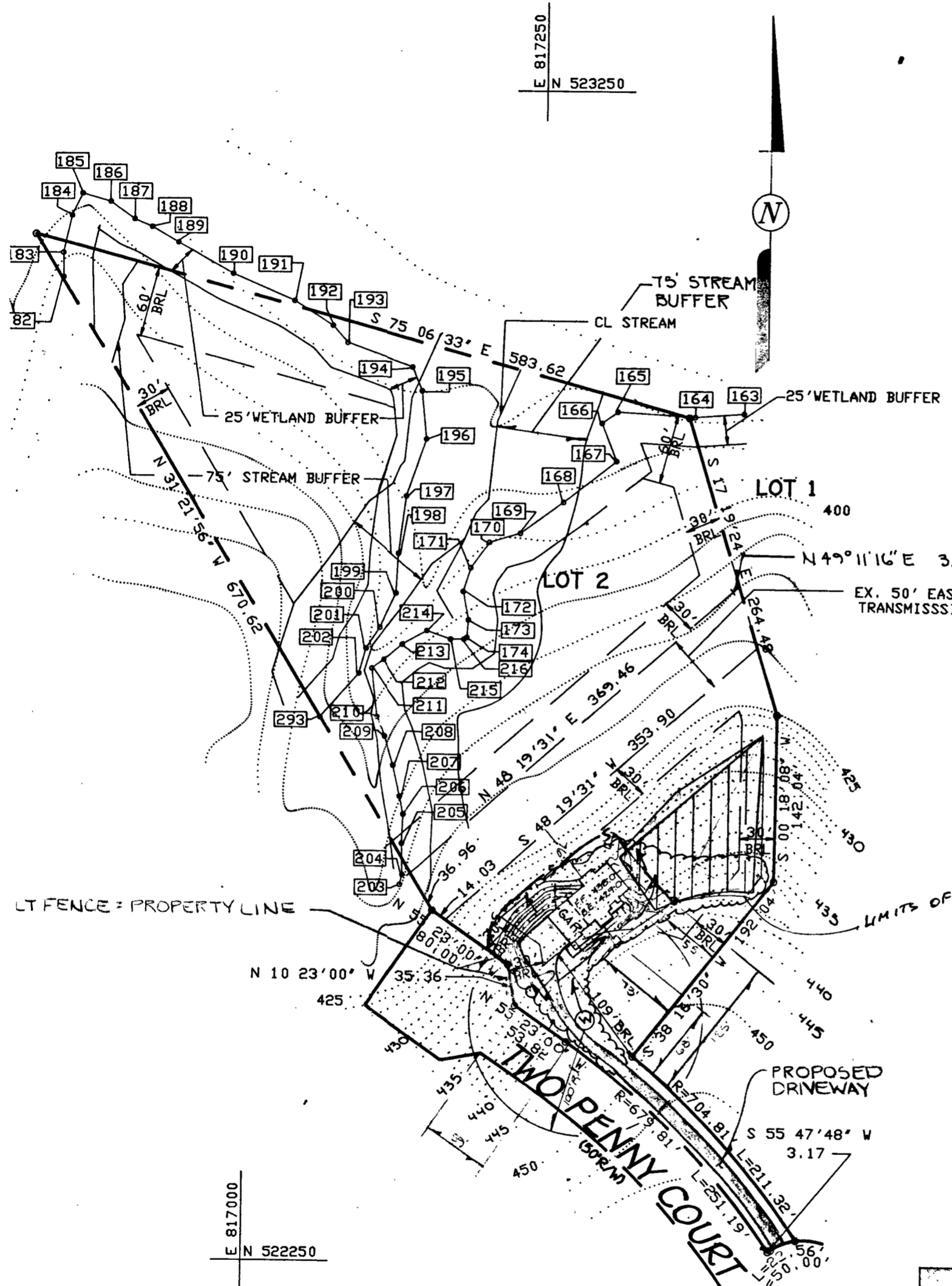
POINT	NORTH	EAST
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174	522783.960	817187.090
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183	523107.270	816834.980
184	523139.419	816842.146
185	523158.308	816850.896
186	523151.365	816875.055
187	523136.758	816895.753
188	523130.358	816910.950
189	523117.188	816933.621
190	523090.934	816981.518
191	523068.483	817034.559
192	523047.707	817067.785
193	523033.491	817080.603
194	523013.541	817137.203
195	522993.193	817145.726
196	522952.922	817150.082
197	522903.609	817133.567
198	522854.680	817127.393
199	522820.698	817125.710
200	522790.659	817111.654
201	522772.979	817100.051
202	522751.485	817094.295
203	522572.296	817132.454
204	522580.798	817134.514
205	522606.706	817133.713
206	522631.641	817134.722
207	522646.882	817131.323
208	522673.284	817125.320
209	522697.499	817117.646
210	522714.462	817110.327
211	522755.949	817105.259
212	522763.505	817115.654
213	522777.144	817131.107
214	522789.179	817152.555
215	522782.123	817172.888
216	522782.146	817184.583
293	522713.695	817061.162

**LEGEND**

- SEPTIC TANK
- DISTRIBUTION BOX
- RELOCATED SEPTIC FIELD
- EXISTING SEPTIC FIELD
- EXISTING WELL ELEV. = 442.2
- SILT FENCE

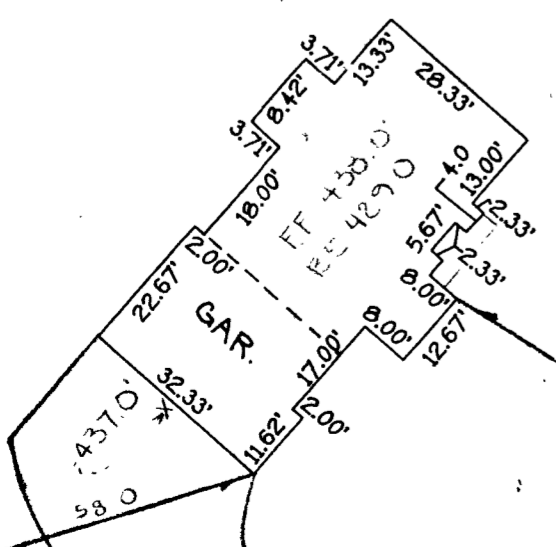
**PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT BRODERICK PROPERTY**

TAX MAP 22 3RD ELECTION DISTRICT SCALE 1"=100'  
 "LOT 2" PARCEL 181 HOWARD COUNTY, MD DATE SEPTEMBER 27, 1995



Approved Septic System Plan  
Howard County Health Department

*Ann M. Mill*  
Signature  
Date 11/3/95



DETAIL  
SCALE 1"=30'



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DEPARTMENT OF PLANNING & ZONING

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*Joseph W. Rutter, Jr., Director*

May 26, 1995

Lawrence Rub  
7270 Meadowood Way  
Clarksville, MD 21019

Re: Broderick Property, Lot 2

Dear Mr. Rub:

It has been brought to my attention that you have applied for a percolation test on the above referenced lot. It is my understanding that the test area is in the rear portion of the lot to the west of the stream and wetland which crosses the lot. As you may be aware, prior to recordation of this lot a septic disposal area was approved in the front of the lot east of the stream and wetland.

The potential for a well site, septic area, house location and access to Two Penny Court east of the stream and wetland was considered essential in approval of the subdivision plan so that clearing, grading or construction in the wetlands, wetland buffer and stream buffer (75 feet on each side of the stream) would be avoided. The Howard County Code requires that grading or disturbance of wetlands, streams and required buffer areas be avoided except for essential crossings. Essential crossings are limited to the minimum disturbance necessary to provide reasonable use of the property. Since a reasonable building area is available on Lot 2, east of the stream, a note was placed on the record plat prohibiting clearing, grading or construction within the wetland or stream buffers.

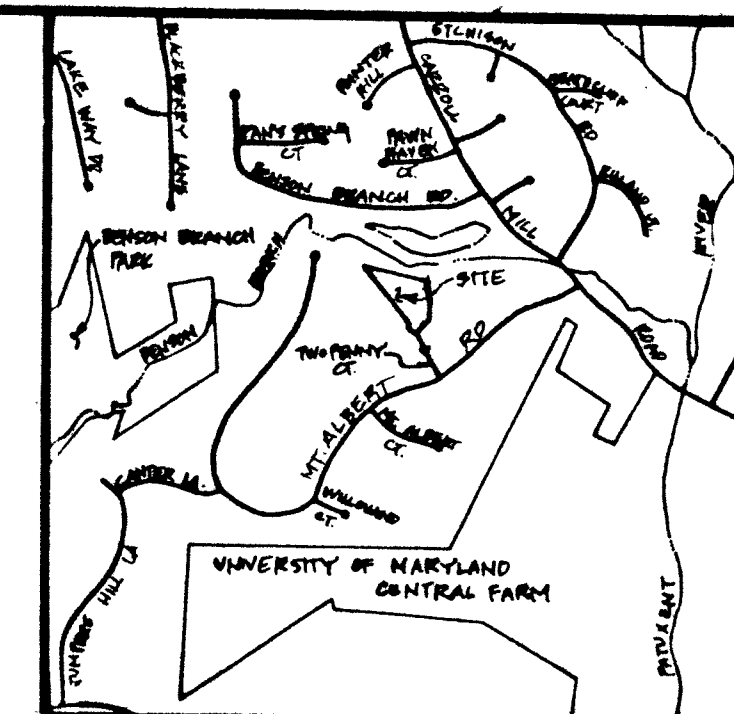
I am advising you of this restriction in hope that it will help you to avoid unnecessary expense in testing and engineering. The Department of Planning and Zoning cannot approve a building permit for a house west of the stream since this would require grading and clearing of the buffers for construction of the house and the extension of a driveway to serve the house.

If you have any questions regarding the above, please contact me.

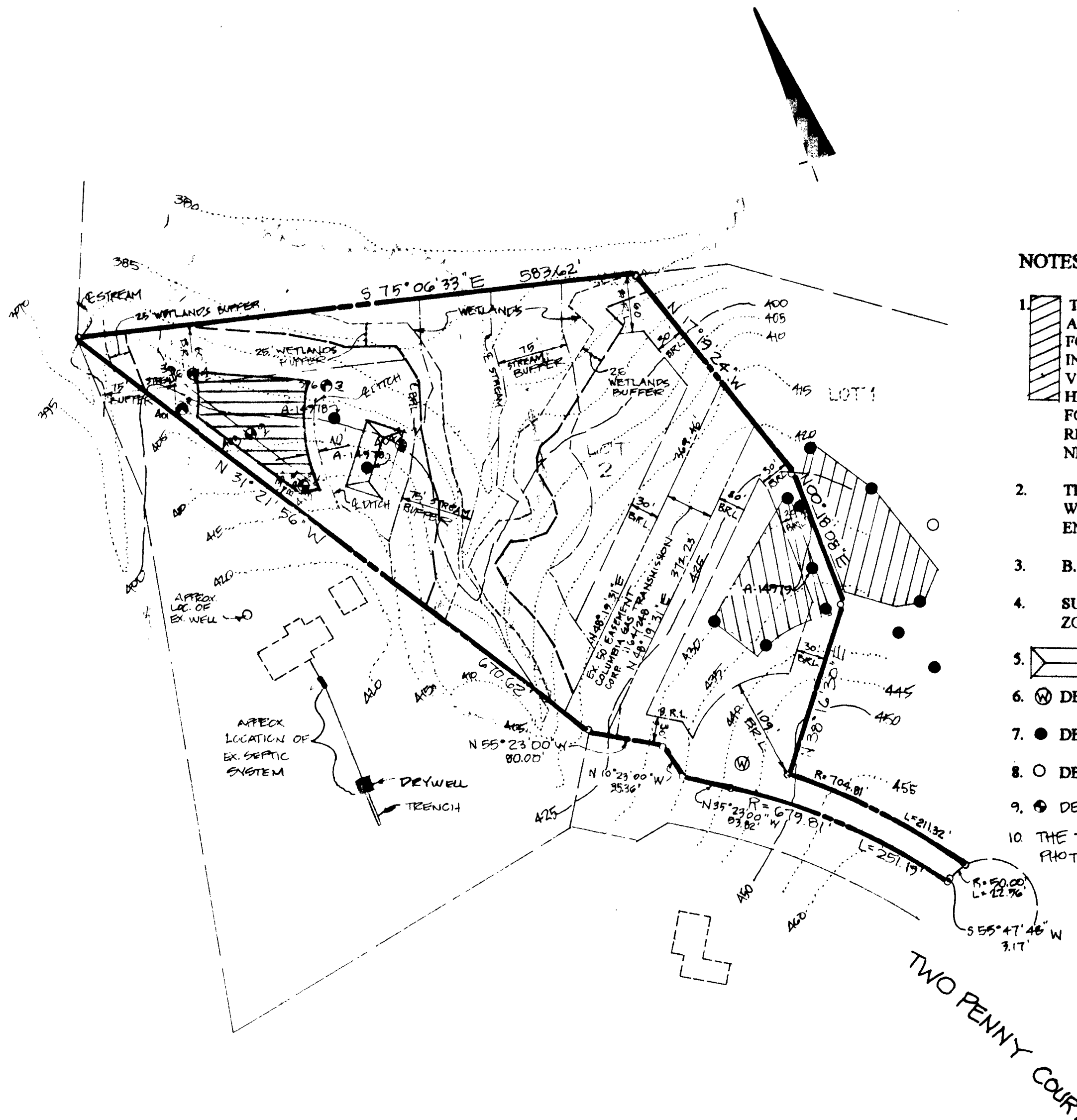
Sincerely,

Joseph Rutter  
Director

cc: David Hammerman  
Frank Skinner



**VICINITY MAP**  
SCALE: 1" = 200'



**NOTES:**

1. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000  $\phi$  AS REQUIRED BY THE MD STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWERAGE 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 PLAT SHALL NOT BE NECESSARY.
2. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF THE ENVIRONMENT.
3. B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
4. SUBJECT PROPERTY ZONED RR700 AS PER 10/18/93 COMPREHENSIVE ZONING PLAN.
5. DESIGNATES PROPOSED HOUSE LOCATION
6. DESIGNATES EXISTING WELL LOCATION.
7. DESIGNATES APPROVED PERC TEST.
8. DESIGNATES FAILED PERC TEST
9. DESIGNATES APPROVED PERC TEST EXCAVATED ON 5-24-1995
10. THE TOPOGRAPHY SHOWN HEREON IS TAKEN FROM 1"=200' AERIAL PHOTOGRAMMETRY. SPOT ELEVATIONS ARE FIELD RUN.



*Gregory Scott Shanaberger*  
GREGORY SCOTT SHANABERGER  
PROF. L.S. # 10849

APPROVED: FOR PRIVATE WATER & PRIVATE SEWAGE SYSTEMS.

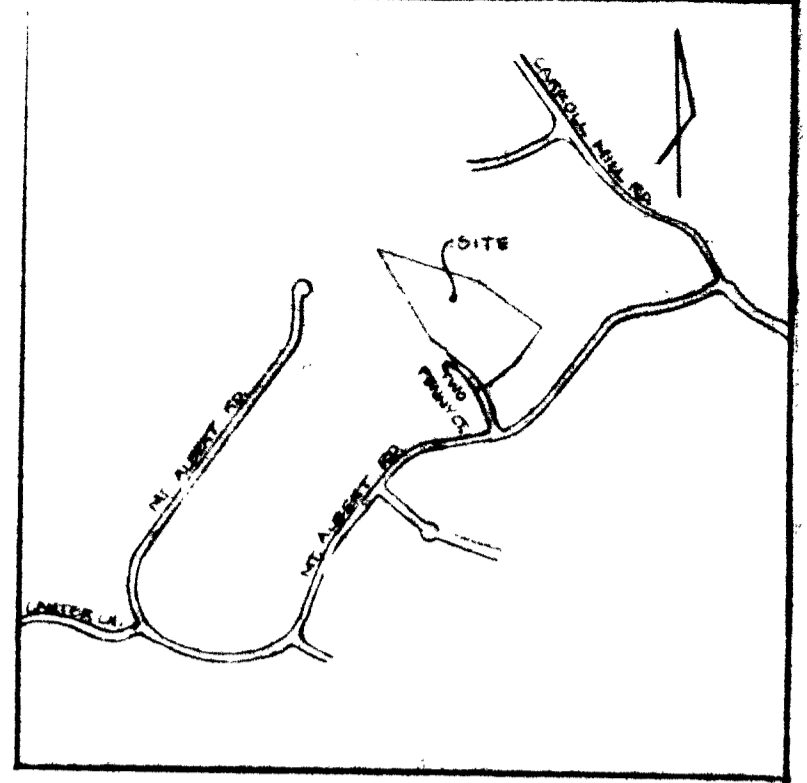
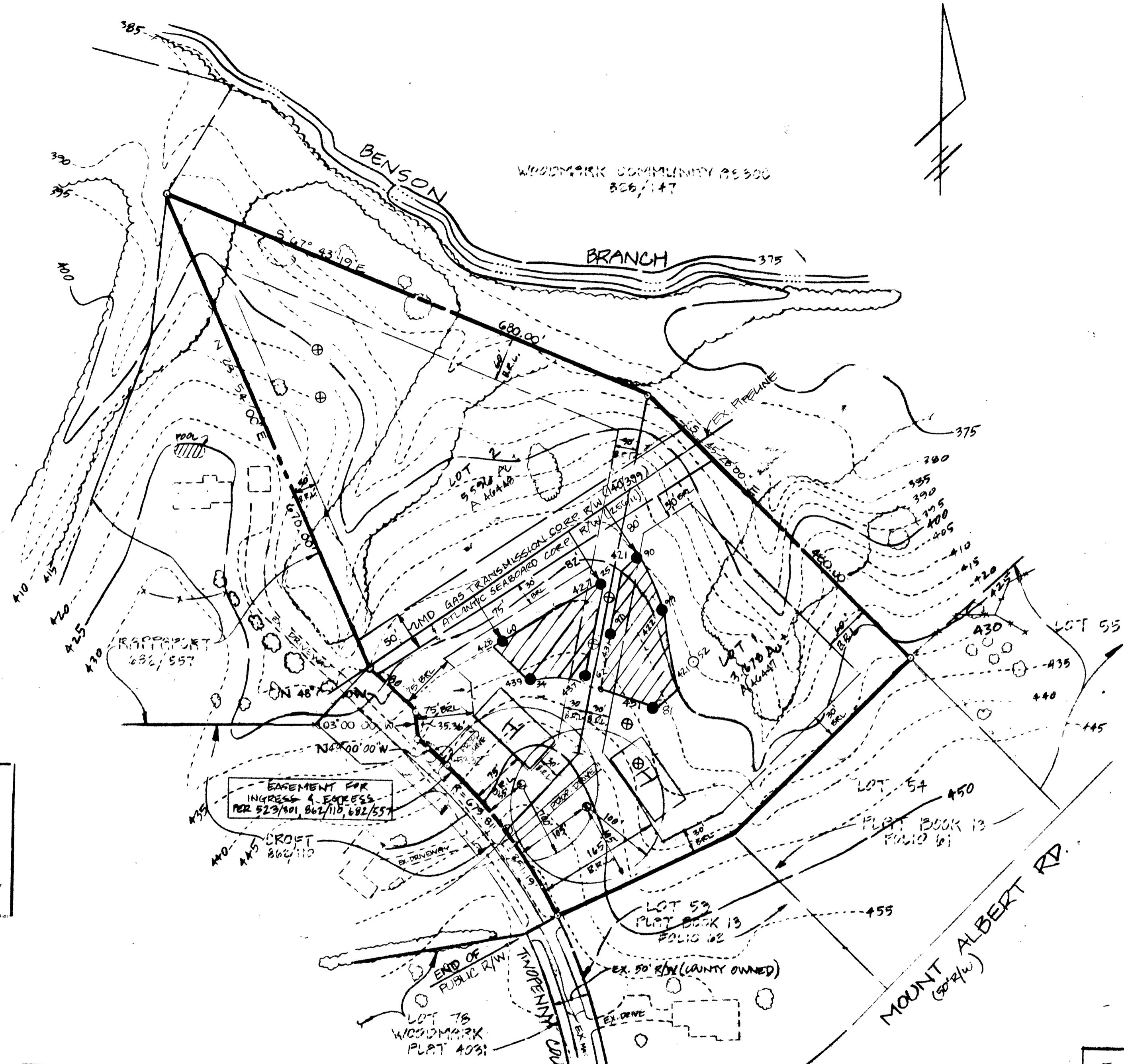
*Joseph M. Bayliss*  
COUNTY HEALTH OFFICER  
8/28/95  
DATE

**SHANABERGER & LANE**  
8726 TOWN & COUNTRY BLVD.  
SUITE 104  
ELLCOTT CITY, MD 21043  
PHONE: (410)-461-9563  
FAX: (410)-461-9693

ejl/mjs  
REVISED SEPTIC ESMT./GAA

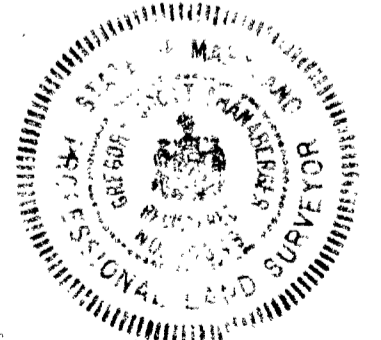
REVISED  
FIELD LOCATED PERC TEST PLAT  
**BRODERICK PROPERTY**  
LOT 2

TAX MAP 22, PARCEL 151  
3RD ELECTION DISTRICT  
HOWARD COUNTY, MD  
SCALE: 1"=100'  
DATE: MAY 24, 1995  
REVISED: JUNE 13, 1995 - REVISE SEPTIC AREA & DITCH LOCATION - JAI REV 7/7/95



VICINITY MAP 1"=1200'

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS  
*J. M. B. W.* 12-7-90  
 COUNTY HEALTH OFFICER / DATE



SHANABERGER & LANE  
 8726 TOWN & COUNTRY BLVD.  
 SUITES 106 & 107  
 ELLICOTT CITY, MD 21043  
 (301) 461-9563

- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 sq ft AS REQUIRED BY THE MD STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL & 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 PLAT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF THE ENVIRONMENT.
- S.R.L. DESIGNATES BUILDING RESTRICTION LINE
- SUBJECT PROPERTY ZONED 'D' AS PER D-2-85 COMPREHENSIVE ZONING PLAN.
- H DESIGNATES PROPOSED HOUSE LOCATION.
- ⊙ DESIGNATES PROPOSED WELL LOCATION.
- 431⊙81 DESIGNATES SUCCESSFUL PERC HOLE & ELEV.
- ⊕ DESIGNATES PREVIOUS TEST DONE PER A-14977, A-14978, A-14979
- 421⊙52 DESIGNATES UNSUCCESSFUL PERC HOLE & ELEV.

FIELD LOCATED PERC TEST PLAT  
**BRODERICH PROPERTY**  
 ZONED - R  
 TAX MAP: 22 PARCEL: 181  
 3<sup>RD</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1"=100'  
 DATE 10/31/90  
 SHEET 1 OF 1

*Signatures*

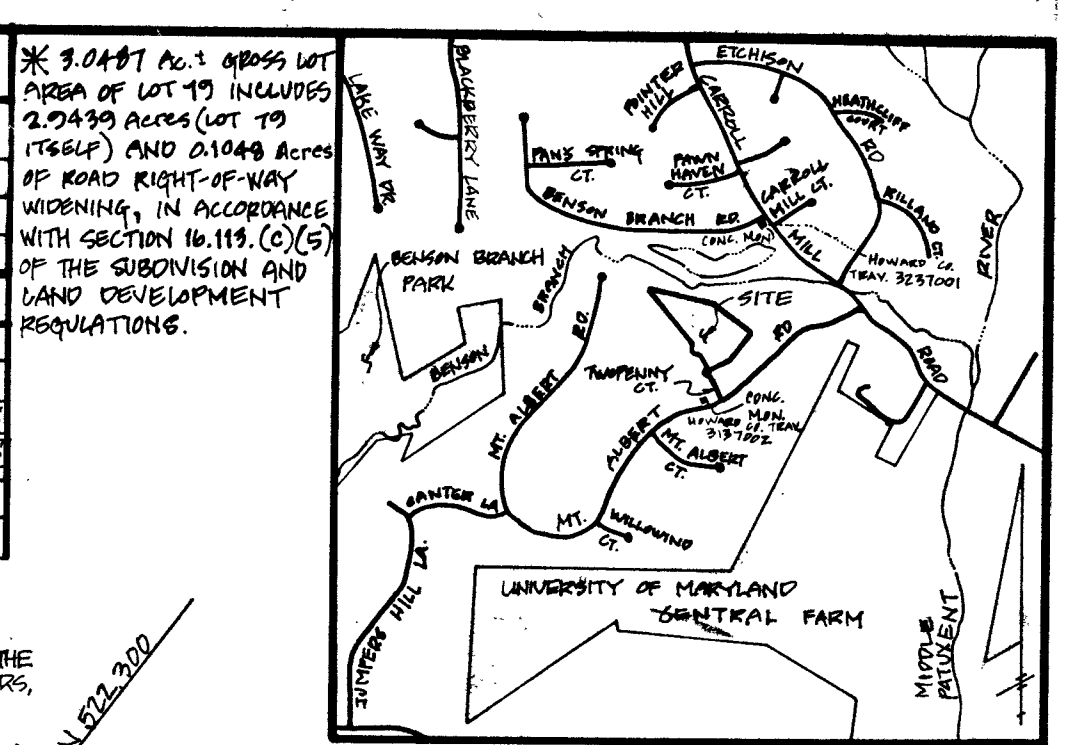
COORDINATES		
No.	NORTH	EAST
2	522 401.874	817 657.969
8	522 698.513	817 852.423
12	522 748.366	817 469.111
15	522 723.225	816 811.522
86	522 008.325	817 962.224
89	522 32.772	817 881.114
218	522 170.642	817 840.855
233	522 075.576	817 542.061
234	522 429.810	817 277.078
235	522 470.384	817 232.786
236	522 505.160	817 226.414
237	522 550.607	817 160.577
238	522 592.304	817 595.486
239	522 624.365	817 455.886
240	522 622.581	817 455.261
241	522 157.517	817 511.628
242	522 186.146	817 517.567

WETLANDS COORDINATES					
No.	NORTH	EAST	No.	NORTH	EAST
10	522 942.820	817 933.116	10	522 942.820	817 933.116
11	522 954.593	817 428.756	11	522 954.593	817 428.756
12	522 972.706	817 470.889	12	522 972.706	817 470.889
13	522 977.377	817 422.350	13	522 977.377	817 422.350
14	522 974.101	817 382.377	14	522 974.101	817 382.377
15	522 977.695	817 313.849	15	522 977.695	817 313.849
16	522 967.736	817 302.322	16	522 967.736	817 302.322
17	522 958.887	817 269.510	17	522 958.887	817 269.510
18	522 925.129	817 213.828	18	522 925.129	817 213.828
19	522 885.324	817 202.441	19	522 885.324	817 202.441
20	522 843.348	817 182.801	20	522 843.348	817 182.801
21	522 823.181	817 182.351	21	522 823.181	817 182.351
22	522 798.232	817 188.239	22	522 798.232	817 188.239
23	522 783.960	817 187.090	23	522 783.960	817 187.090
24	522 842.820	817 140.182	24	522 842.820	817 140.182
25	522 826.920	817 443.883	25	522 826.920	817 443.883
26	522 785.293	817 348.449	26	522 785.293	817 348.449
27	522 750.474	817 335.069	27	522 750.474	817 335.069

MINIMUM LOT AREA CALCULATIONS						
LOT No.	GROSS AREA	PIPESTEM AREA	REMAINING AREA	100-YR. FLOODPLAIN	25% SLOPES	MINIMUM LOT SIZE
1	3.2155 AC.	0.2154 AC.	3.0001 AC.	0	0.6358 AC.	2.3643 AC.
2	5.2388 AC.	0.1171 AC.	5.1217 AC.	0.0018 AC.	0.3209 AC.	4.7990 AC.
79	3.0481 AC.*	0	3.0481 AC.	0	0.0647 AC.	2.9834 AC.

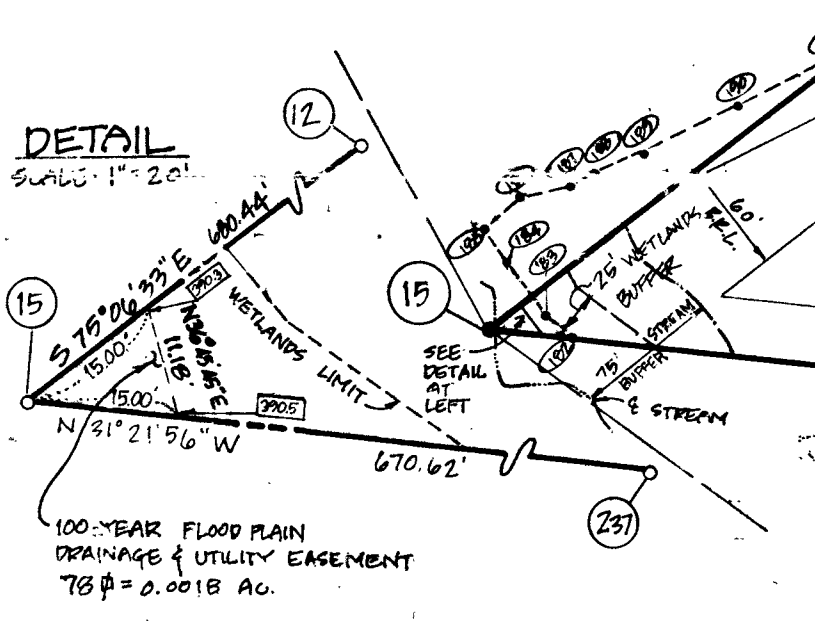
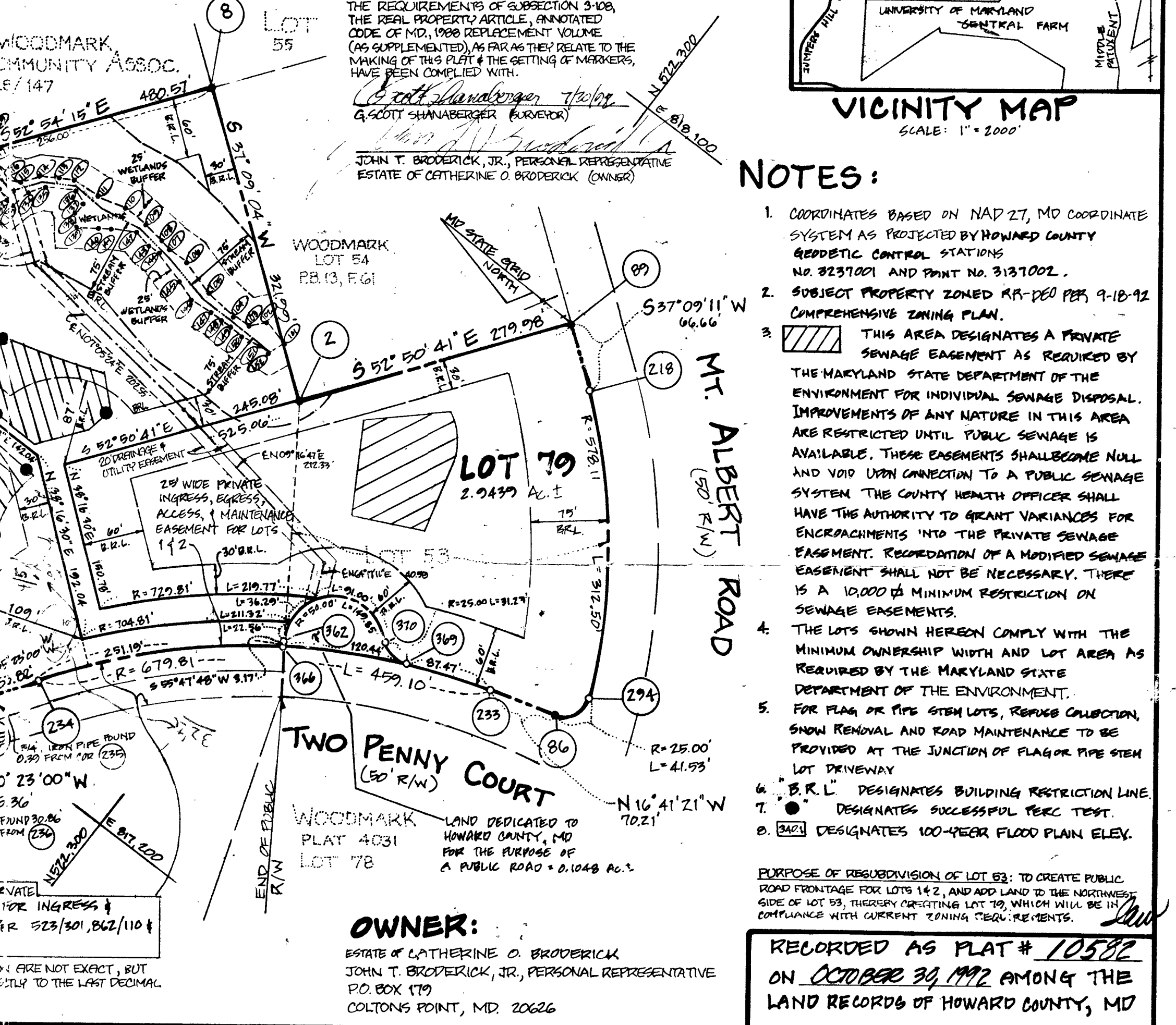
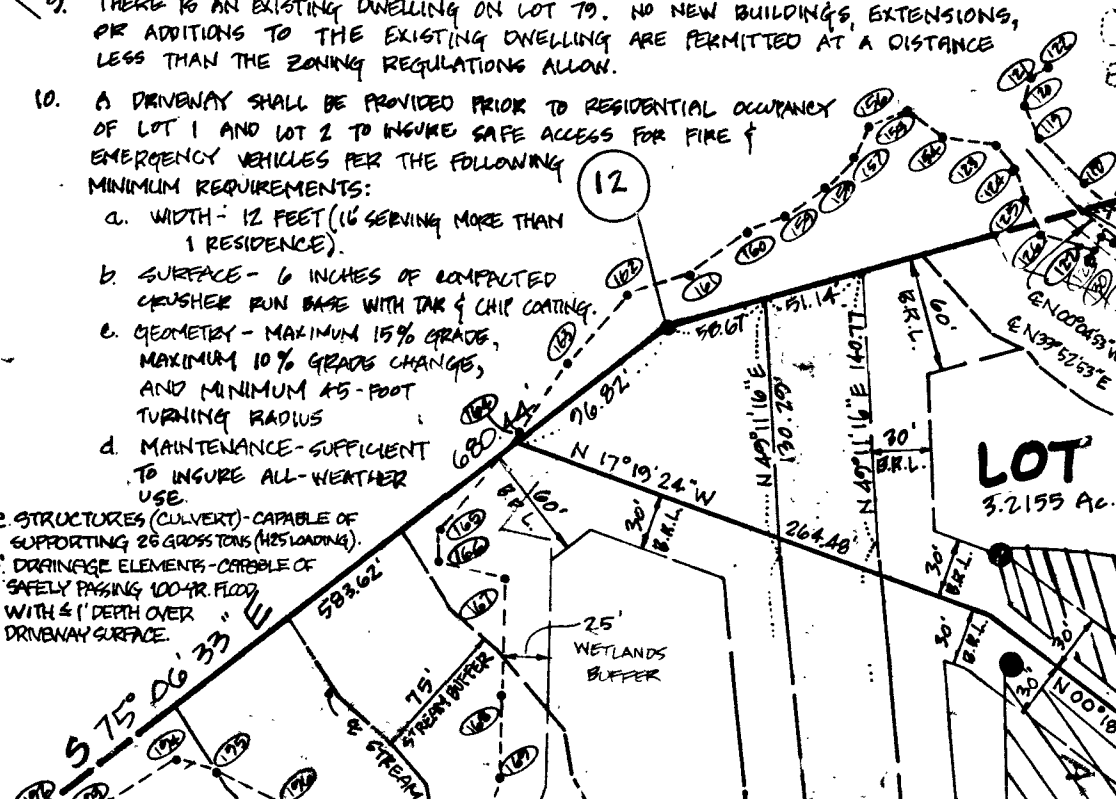
  

CURVE DATA						
FROM	TO	RADIUS	Δ	LENGTH	TANGENT	CHORD
218	234	578.11	30° 53' 16"	312.50	160.17	552° 38' 20" W 308.71'
234	236	25.00	95° 11' 10"	41.53	27.37	N 64° 16' 56" W 36.92'
236	234	679.81	38° 41' 39"	459.10	238.69	N 36° 02' 34" W 450.42'
362	370	50.00	171° 43' 27"	149.86	671.12	S 38° 20' 57" E 29.74'
370	360	25.00	71° 34' 40"	31.23	18.02	S 11° 43' 24" W 29.24'



WETLANDS COORDINATES					
No.	NORTH	EAST	No.	NORTH	EAST
101	522 449.804	817 622.874	102	522 788.856	817 457.811
102	522 462.036	817 677.784	103	522 769.377	817 640.004
103	522 487.361	817 883.904	104	522 755.144	817 636.160
104	522 504.770	817 882.495	105	522 747.163	817 637.728
105	522 530.236	817 886.866	106	522 740.79	817 658.208
106	522 576.122	817 896.785	107	522 731.500	817 670.232
107	522 596.830	817 927.819	108	522 706.416	817 683.861
108	522 608.320	817 979.049	109	522 692.548	817 680.671
109	522 630.877	817 101.877	110	522 672.725	817 668.102
110	522 656.589	817 102.100	111	522 643.943	817 678.271
111	522 685.544	817 103.927	112	522 624.271	817 677.780
112	522 712.285	817 102.949	113	522 622.633	817 689.278
113	522 721.429	817 685.931	114	522 614.369	817 688.223
114	522 742.075	817 675.308	115	522 602.410	817 688.024
115	522 763.976	817 659.298	116	522 594.408	817 671.581
116	522 766.070	817 653.522	117	522 548.602	817 670.84
117	522 791.521	817 660.105	118	522 529.074	817 671.151
118	522 820.634	817 660.105	119	522 510.709	817 671.759
119	522 851.172	817 662.085	120	522 495.729	817 671.622
120	522 884.761	817 671.948	121	522 485.679	817 672.602
121	522 913.262	817 681.752	122	522 461.962	817 672.223
122	522 930.846	817 688.589	123	522 454.334	817 675.246
123	522 949.777	817 689.882	124	522 432.717	817 673.253
124	522 951.355	817 643.115	125	522 416.738	817 673.253
125	522 940.109	817 634.623	126	522 425.479	817 615.825
126	522 929.024	817 627.300	127	522 423.822	817 599.381
127	522 902.114	817 633.822	128	522 426.304	817 577.976
128	522 793.292	817 637.550	129	522 424.751	817 552.191
129	522 795.268	817 644.751			
130	522 713.625	817 641.162			

NOTES (CONTINUED):



TABULATION OF FINAL PLAT	
TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED:	3
BUILDABLE:	3
OPEN SPACE:	0
TOTAL AREA OF LOTS AND/OR PARCELS BUILDABLE:	11.3982 AC.
OPEN SPACE:	0
AREA AND % OF DRY GROUND USABLE OPEN SPACE:	0
TOTAL AREA OF ROAD RIGHT-OF-WAY TO BE RECORDED INCLUDING WIDENING STRIPS:	0.1048 AC.
TOTAL AREA OF SUBDIVISION TO BE RECORDED:	11.5030 AC.

NOTES (CONTINUED):

11. DECLARATION OF MAINTENANCE OBLIGATION FOR USE-IN-LIBER 24-19, FOLIO 010.

12. SEE PRZ. FILES F-67-62 & W.P.-91-43.

13. THIS PLAT IS BASED ON A FIELD REIN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT MARCH 12, 1991, BY SHANABERGER & LANE.

14. IN THE R.R. DISTRICT UP TO 5% OF THE MINIMUM LOT SIZE MAY BE IN LAND IN THE 100-YEAR FLOODPLAIN OR STEEP SLOPES (25% OR GREATER).

15. NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN WETLAND OR STREAM BUFFERS.

16.  DESIGNATES CONCRETE MONUMENT  
 DESIGNATES IRON BAR & CAP SET  
 DESIGNATES 3/4" IRON PIPE FOUND

17. AREAS SHOWN HEREON ARE NOT EXACT, BUT ARE ROUNDED CORRECTLY TO THE LAST DECIMAL PLACE SHOWN.

APPROVED: FOR PRIVATE WATER & PRIVATE SEWER SYSTEMS.

*John M. B...* 10/8/92  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING.

*Joseph R...* 10/26/92  
DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

*Emilio J...* 10/16/92  
DIRECTOR DATE

OWNER'S CERTIFICATE

I, JOHN T. BRODERICK, JR., PERSONAL REPRESENTATIVE OF THE ESTATE OF CATHERINE O. BRODERICK, ESTATE NUMBER 18-8218-126, HEREBY ADOPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MD, ITS SUCCESSORS AND ASSIGNS (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES, AND OTHER MUNICIPAL UTILITIES IN AND UNDER ALL ROAD AND STREET RIGHT-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON, (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREET AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE, WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY, MD TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE, WHERE APPLICABLE, (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER SAID EASEMENTS AND RIGHT OF WAYS. WITNESS OUR HAND, THIS 16th DAY OF JANUARY, 1992.

JOHN T. BRODERICK, JR. DATE: 1/16/92

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT. THAT IT IS A SUBDIVISION OF PART OF THE LAND CONVEYED BY WOODMARK, INC., UNTO CATHERINE O. BRODERICK (DECEASED), BY DEED DATED DECEMBER 8, 1960, AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN LIBER 523, FOLIO 301, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.

*Scott Shanaberger* 1/16/1992  
OF SCOTT SHANABERGER DATE  
PROFESSIONAL LAND SURVEYOR #10849 2/2/1992 5/10/92

RECORDED AS PLAT # 10582 ON OCTOBER 30, 1992 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD

SHANABERGER & LANE  
8726 DAWN & COUNTRY BLVD.  
SUITES 106 & 107  
BELLICOTT CITY, MD 21043  
(301) 461-9563

FINAL PLAT  
BRODERICK PROPERTY, LOTS 1 & 2  
(A SUBDIVISION OF TAX MAP 22, PARCEL 181)  
AND  
WOODMARK, SECTION 1, BLOCK 'C'  
PART 'B', LOT 79  
(A RESUBDIVISION OF LOT 53, PLAT BOOK 13, FOLIO 62)  
ZONED R-1  
TAX MAP: 22 PARCEL 181 & PART OF PARCEL 187  
3RD ELECTION DISTRICT  
HOWARD COUNTY, MD  
SCALE: 1"=100' REV: 5-13-92  
DATE: 3-12-91 REV: 1-16-92  
SHEET 1 OF 1 REV: 2-28-92

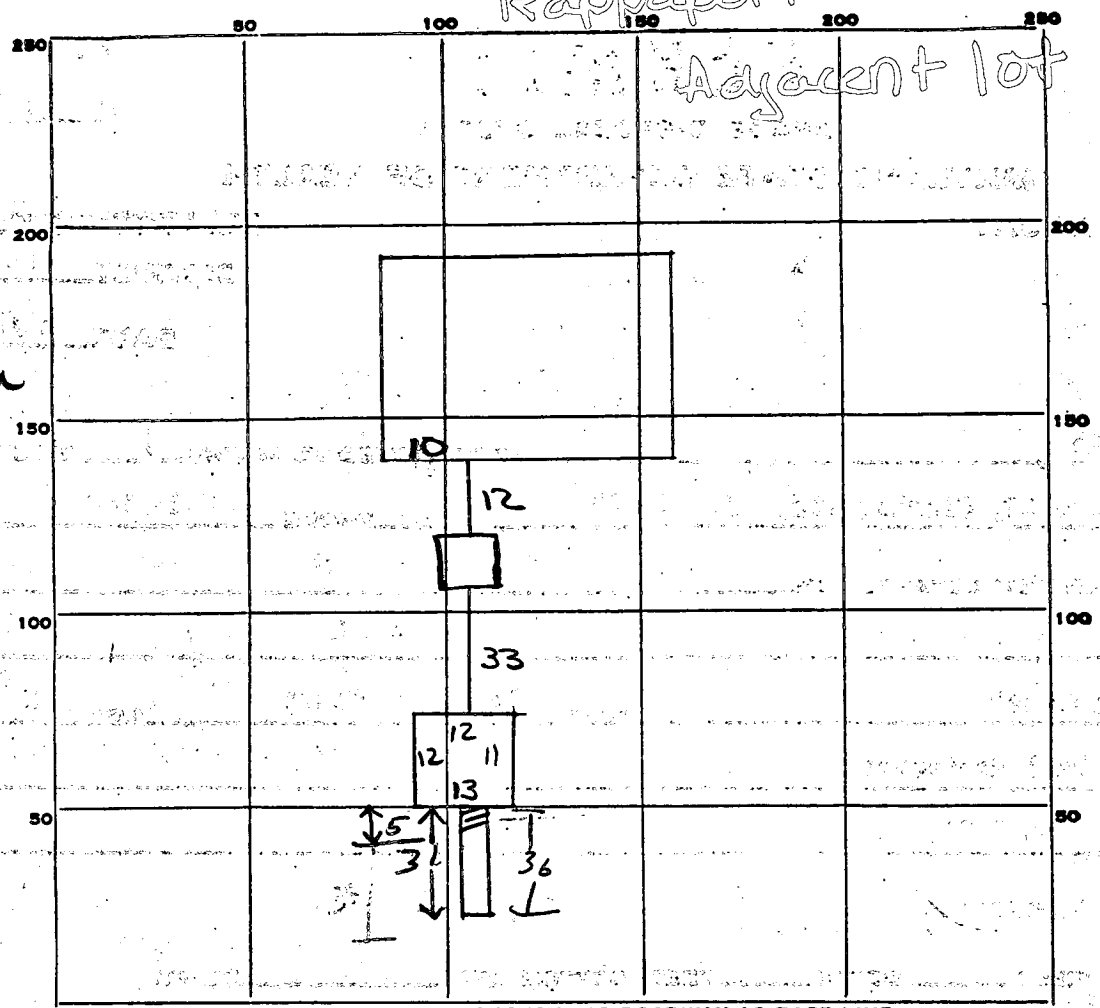
NOTES:

- COORDINATES BASED ON NAD 27, MD COORDINATE SYSTEM AS PROTECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 8237001 AND POINT NO. 3137002.
- SUBJECT PROPERTY ZONED R-1-DEO PER 9-18-92 COMPREHENSIVE ZONING PLAN.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT 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. THERE IS A 10,000 G.D. MINIMUM RESTRICTION ON SEWAGE EASEMENTS.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM LOT DRIVEWAY.
- "B.R.L." DESIGNATES BUILDING RESTRICTION LINE.
- DESIGNATES SUCCESSFUL PERC TEST.
- DESIGNATES 100-YEAR FLOOD PLAIN ELEV.

PURPOSE OF RESUBDIVISION OF LOT 53: TO CREATE PUBLIC ROAD FRONTAGE FOR LOTS 1 & 2, AND ADD LAND TO THE NORTHEAST SIDE OF LOT 53, THEREBY CREATING LOT 79, WHICH WILL BE IN COMPLIANCE WITH CURRENT ZONING REQUIREMENTS.

# Rappaport

Location OK



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD NO DW / ST

SEPTIC TANK, LEVEL 1250  CLEANOUTS

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 12 FT. TRENCH WIDTH 2 FT. 33

GRAVEL DEPTH 8' IN. TOTAL LENGTH 31 FT. 248

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 264 264

SEEPAGE PITS, Perimeter INSIDE DIAMETER 48 FT. DEPTH BELOW INLET 8 FT. DW = 384

ABSORBENT AREA 632 SQ. FT. TRENCH 248

632

REMARKS

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DATE SYSTEM APPROVED [Signature] INSPECTOR [Signature]

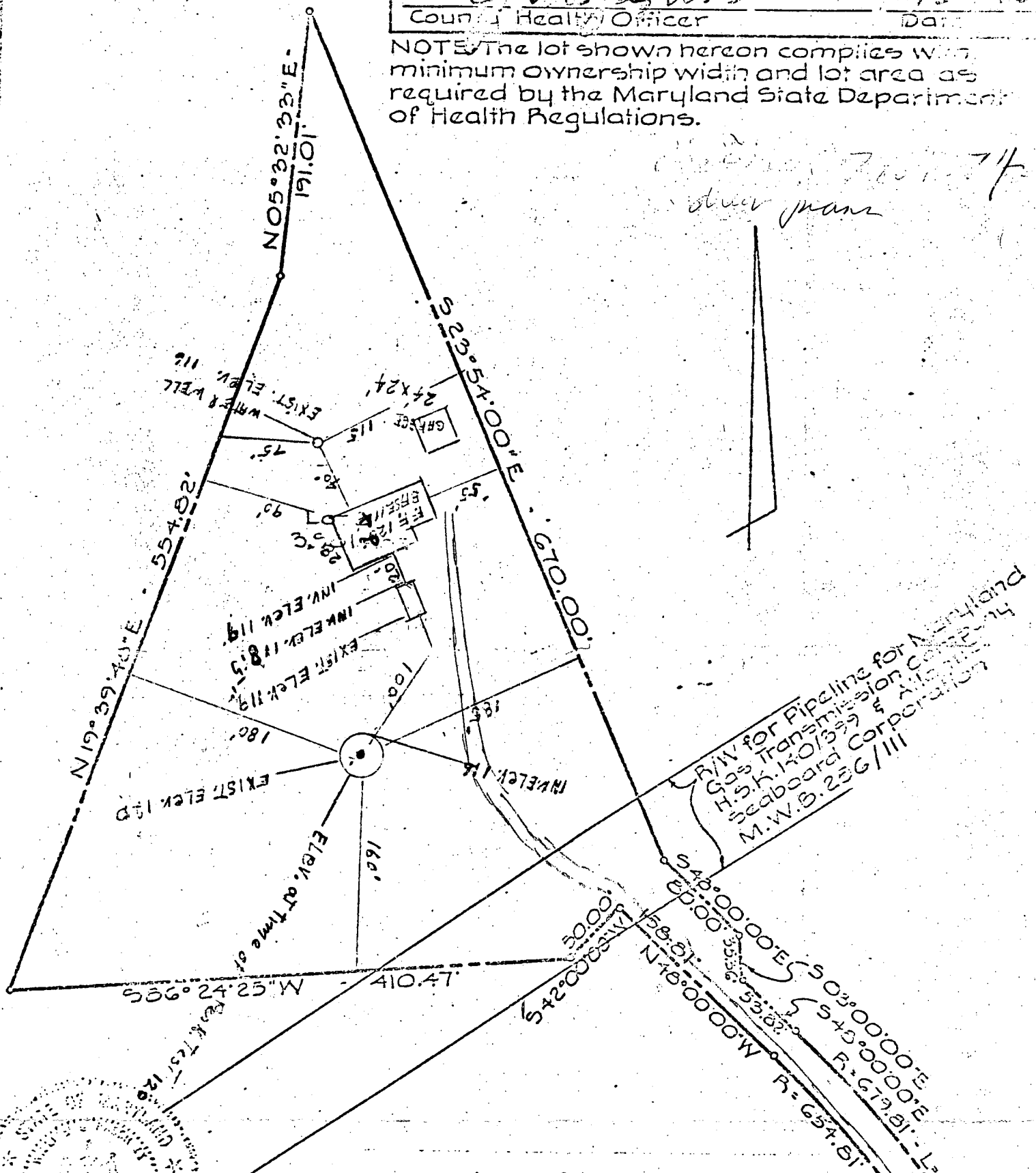
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.

*[Signature]*  
 County Health Officer

*1/30/75*  
 Date

NOTE: The lot shown hereon complies with minimum ownership width and lot area as required by the Maryland State Department of Health Regulations.

*See plan 7/26/76  
 sewer plan*



Utility for Pipeline for Maryland  
 Gas Transmission Company  
 H.S.K. 140/355  
 Sheaboard Corporation  
 M.W.S. 256/111

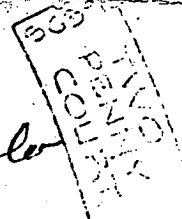
LOT 2  
 PART OF THE PROPERTY OF  
 PAUL H. RAPPAPORT AND WIFE  
 3<sup>RD</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 JANUARY 23, 1975 SCALE: 1"=100'

*7/26/76 PLANS OK RH*

PURDUM AND JESCHKE  
 ENGINEERS AND LAND SURVEYORS  
 3697 PARK AVENUE  
 ELICOTT CITY, MARYLAND 21043

*I certify the above measurements are correct for this property*

*R. Edwinly Bealman*  
 7961074



C1 3685

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER A 46448

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received grid

DATE WELL COMPLETED 04/8/95

Depth of Well 360 (TO NEAREST FOOT)

PERMIT NO. H0-94-0434

OWNER BRODERICK CATHERINE last name first name STREET OR RFD TWO PENNY COURT EXTENDED TOWN E.C. SUBDIVISION BRODERICK ESTATE SECTION LOT 2

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Top soil, brown shale, Sand Stone, Mica, Flint Mica, Mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 12, NO. OF POUNDS 1200, GALLONS OF WATER 60, DEPTH OF GROUT SEAL 0 to 36 ft.

CASING RECORD: casing types ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). MAIN CASING TYPE ST, Nominal diameter 6 inch, Total depth 40 feet.

OTHER CASING (if used) diameter inch, depth (feet) from to.

SCREEN RECORD: screen type ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER). SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH).

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED yes (y) no (X)

- 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 26.04.04 "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. 40
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) grid: H0 38 360

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F-IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), W Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 5 gal. per min. to nearest gal., METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 32 BEFORE PUMPING, 10.1 WHEN PUMPING.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED CENTRIFUGAL (C), CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT above (plus) or below (minus) LAND SURFACE.

