

14449



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 523922

AGENCY REVIEW: _____

DATE 1/17/06

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO: 05-389278

- CHECK AS NEEDED:
- CONSTRUCT NEW SEPTIC SYSTEM(S)
 - REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
 - REPLACE AN EXISTING SEPTIC SYSTEM

- CHECK AS NEEDED:
- NEW STRUCTURE(S)
 - ADDITION TO AN EXISTING STRUCTURE
 - REPLACE AN EXISTING STRUCTURE

- CHECK ONE:
- CREATE NEW LOT(S)
 - BUILD ON AN EXISTING LOT IN A SUBDIVISION
 - BUILD ON AN EXISTING PARCEL OF RECORD

- IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?
- YES
 - NO

- THE TYPE OF STRUCTURE IS:
- RESIDENTIAL WITH 4 PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
 - COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
 - INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Ted Lubis

DAYTIME PHONE 301-725-5765 CELL 410-340-4144 FAX _____

MAILING ADDRESS 8657 Reservoir Rd Fulton MD 20759
STREET CITY/TOWN STATE ZIP

APPLICANT Ted Lubis

DAYTIME PHONE 301-725-5765 CELL 410-340-4144 FAX _____

MAILING ADDRESS 8657 Reservoir Rd Fulton MD 20759
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: owner DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 8657 Reservoir Rd Fulton MD 20759
STREET TOWN/POST OFFICE

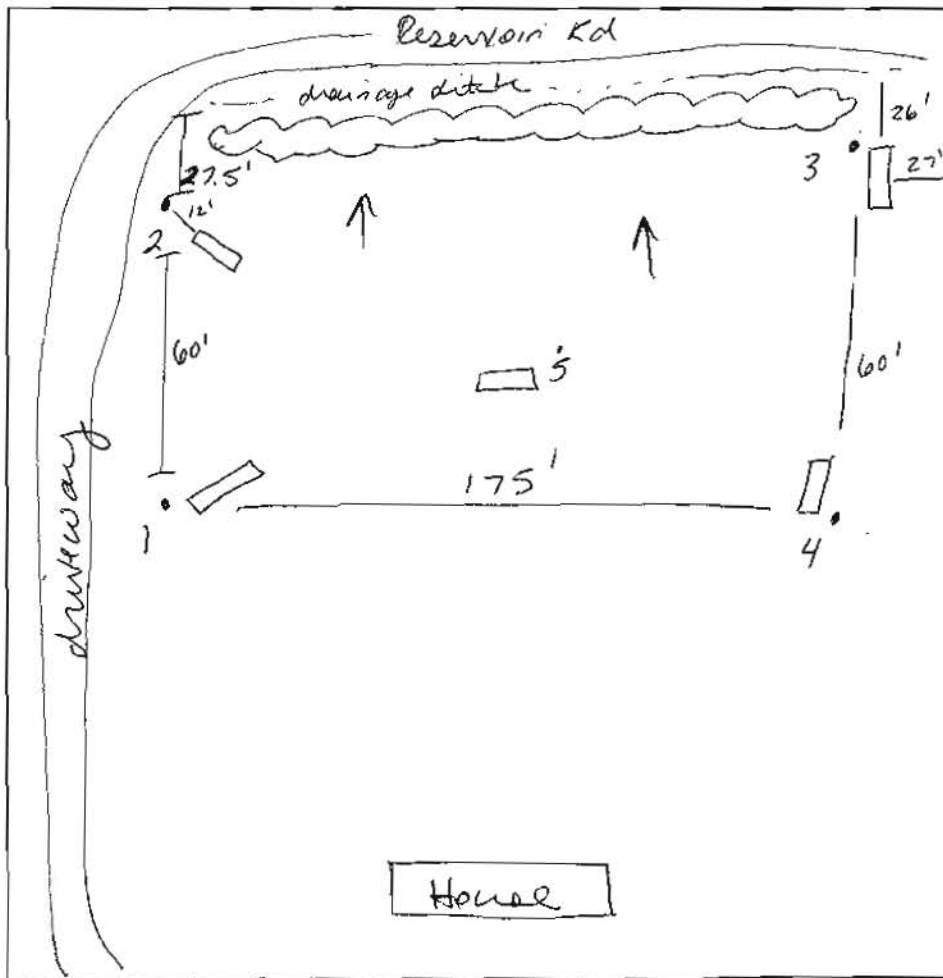
TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES, AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Shedon William Lubis
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP



2
 dark brown
 sbk L cw
 reddish yellow
 sbk cw
 sil
 slightly coarse
 micaceous
 5'-5.5'
 olive yellow
 w/ reddish yellow
 sil sg
 micaceous
 mica schist
 saprolite
 gray ls

5
 dark brown
 L sbk
 light yellow brown
 cl/sil
 micaceous
 1-1.5'
 reddish yellow
 sil cw
 sbk micaceous
 5.5"
 light olive brown
 w/red
 sil sg
 micaceous
 14'
 olive brown
 ls sg

3
 dark brown
 L sbk
 red
 sil sbk
 red
 dense sil
 mica schist
 frags
 5-8 1/2
 brown
 sil sg
 micaceous
 <5% quartz
 rock
 gravel
 12'6"
 10-15%
 quartz
 cobbles
 12'9"

4
 dark brown
 L sbk
 red sil
 cw m
 red cw
 dense sil
 micaceous
 7'
 reddish yellow
 fine sil sg
 micaceous
 11'
 13'
 <5% quartz

1
 dark brown
 L sbk
 reddish yellow
 sil
 micaceous
 4/5"
 yellowish brown
 sil sg
 micaceous
 cw
 15 yellowish brown
 pale red

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
2/16/06	2	5'5" / 13'5"	11:40 ¹⁵	11:43 ⁵⁰	11:50 ⁵⁵	7	P
	5	5'8" / 14'	11:56 ²⁰	12:01	12:12	12	P
	3	5'9" / 12'9"	12:17 ⁹	12:32	too slow		F
	"	7'	12:40	12:55	too slow		F
	"	8'	1:34	1:37	1:42	5	P
	4	6' / 13'	12:34	12:49	too slow		F
	"	7'	12:49	12:53	1:01	8	P
	1	5' / 13'	1:17 ⁰	1:22	1:29 ³³	7	P

REMARKS Staked by owner. per plan
 SANITARIAN SF BACKHOE Craig OTHERS N. Bowen / T. Lubi's
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 8 SQ. FT/BR 210
 TRENCH WIDTH 3 INLET DEPTH 3 MAX. BOT DEPTH 8 EFFECTIVE S/W _____
 22 Sept 06 ONE SDA

Scale = 1" = 50'

RESERVOIR ROAD - 392

N 47° 10' 30" E

394

132'

396

378

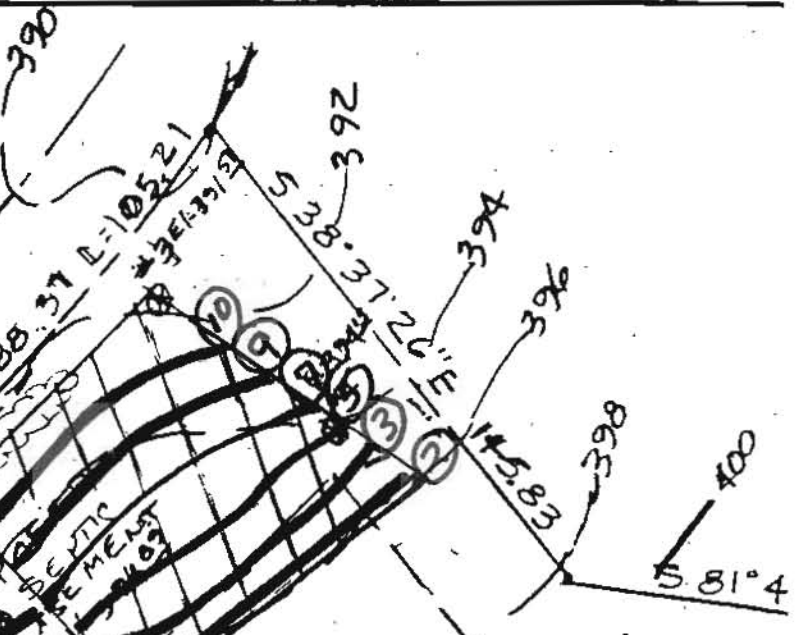
N 37° 42' 30" W

APPROX. LOC SEPTIC LINE

75'

323.0

S 75° 31' 2"



Inv = 3934

Inv = 3930

Inv = 3928

Inv = 3925

APPROX. LOC OF SEPTIC SYSTEM

Temp. Line

402

Proposed House # 06657

Existing House # 06657

Water Well # 4023

APPROVED: For private water and private sewerage systems
Howard County Health Department.

Robert J. Walden
for County Health Officer SF 179D

4/4/06

Date.

Maryland Business Forms, Inc. • Glyndon, MD Record# 84718



HOWARD COUNTY HEALTH DEPARTMENT

24397

DATE / /

Received From _____ PHONE # _____

For _____

CASH

CHECK

NO. _____

_____ Dollars

\$ _____

Received By _____



HOWARD COUNTY HEALTH DEPARTMENT

DATE / /

Received From _____ PHONE # _____

For _____

CASH

CHECK

NO. _____

_____ Dollars

\$ _____

Received By _____



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

February 17, 2006

Ted Lubis
8657 Reservoir Rd
Fulton, Maryland 20759

RE: PERCOLATION TEST RESULTS - A523922
8657 Reservoir Rd

Dear Mr. and Mrs. Lubis:

Percolation testing conducted February 16, 2006 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed. Although soil conditions were favorable, the characteristics of the soil limit the number of bedrooms approvable by the Health Department. The maximum number of bedrooms approvable for the current proposed sewage disposal area is 5 bedrooms. A 6 bedroom home could potentially be approved if this area is extended approximately 15 feet towards the existing house, or if an additional area on the property is established.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) Actual locations and elevations of all excavated test holes.
- 2) Proposed building, well and septic system.
- 3) Locations of well and septic system for existing house.
- 4) Locations of any other relevant features such as streams, swales, or existing structures.
- 5) A note must be included certifying that all existing wells and septic systems within 200 feet of property boundaries have been shown.
- 6) A note indicating that depicted topography reflects field-matched information.
- 7) A note stating existing house to be connected to new septic system before building permit approval.
- 8) A note stating existing septic to be abandoned before building permit approval. The Health Department will need a record that the existing system was abandoned.
- 9) A health officer signature block stating "approved for private water and private sewer systems."
- 10) A MDE sewage disposal area statement is required.
- 11) MDE minimum lot width statement.
- 12) General statement regarding the maximum number of bedrooms per home.

If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Sincerely,

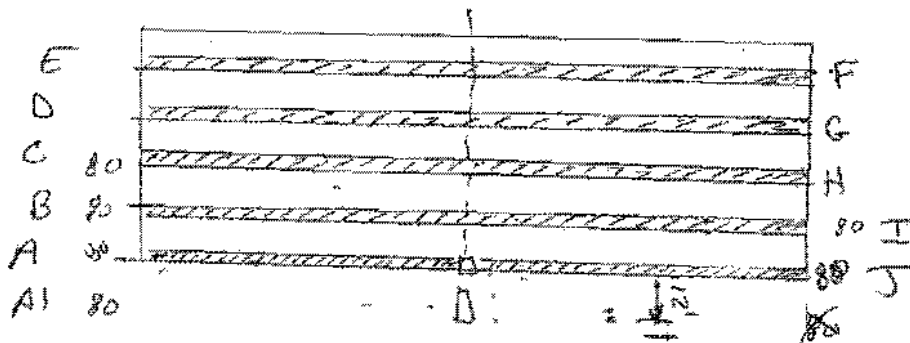
Sara Fegel
Well and Septic Program
Development Coordination Section

SF
Enclosures
Cc: File

1st = 50'

5 bedroom
6 bedroom limit

349



800

I > J

290

174

per C
add'

- color in
area of
Chazy soil

1st = 348.6

2nd = 420

General notes

116

6 bedroom limit

All units

- Exist house to be build up to new opti per to DP approval
- Remov of abradual opti or file bfr DP approval
- base to show system on plan

$$\begin{array}{r} 290 \\ 435 \\ \hline 723 \end{array}$$

$$\begin{array}{r} 420 \\ 348 \\ \hline 768 \\ 70/05 \end{array}$$

1st system =

8' deep all benches

- ① 8 deep = 80' w/ 2' effective area
Inlet 3' = max bottom 8'

$$\frac{2.5 \times 210}{3} = 175 \times .62 = 108$$

- ② 8 deep = 85' 1' effective area

$$\frac{2.5 \times 210}{3} = 175 \times .83 = 145.25$$

253.25

- ③ 85'

2 system =

- ④ ~80-85' ~2'
- ⑤ ~85-90'
- ⑥ ~85-90' ~2'

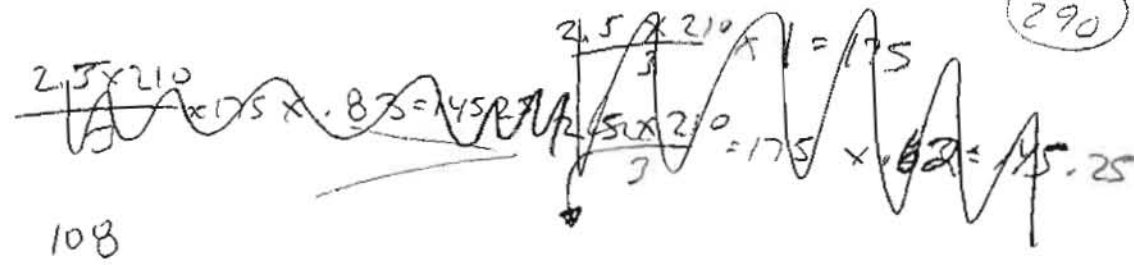
$$\frac{2.5 \times 210}{3} = 175 \times .62 = 108$$

$$\frac{2.5 \times 210}{3} = 175 \times .83 = 145.25$$

253.

3rd system

- ⑦ 80-85'
- ⑧ 80-85'
- ⑨
- ⑩ 80-85'
- ⑩



$$\frac{2.5 \times 210}{3} = 175 \times .81 = 175$$

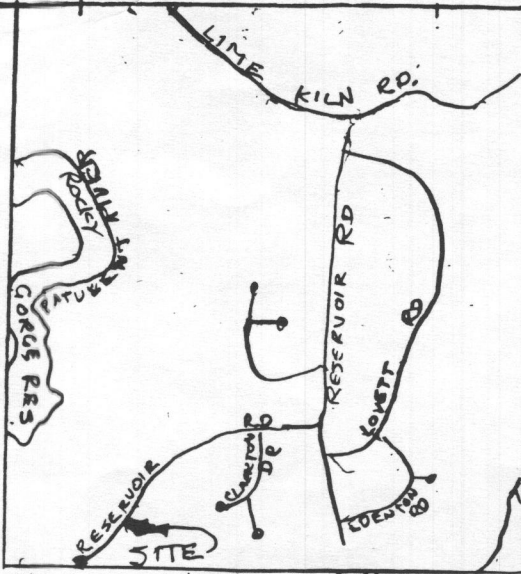
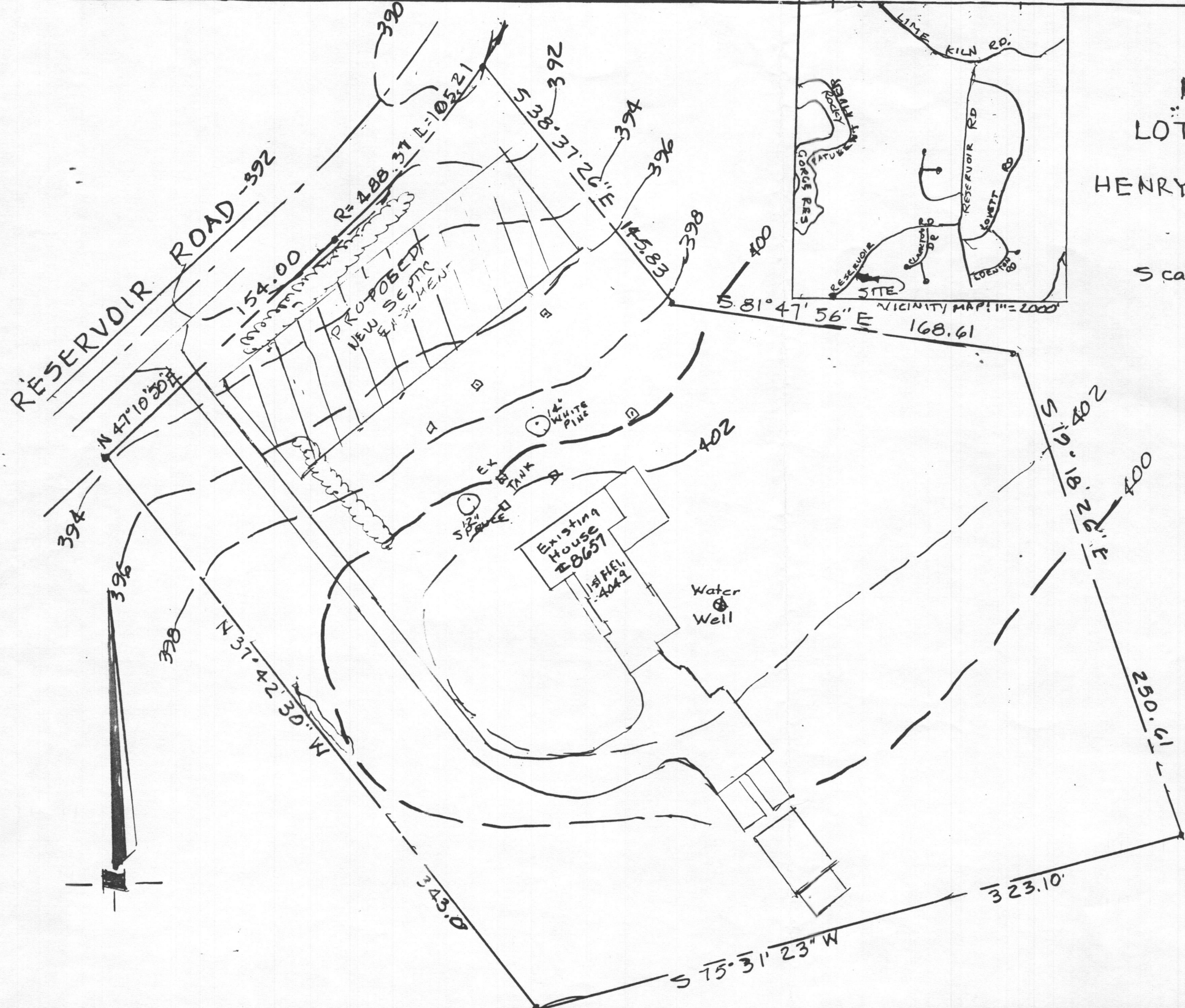
145

$$\frac{2.5 \times 210}{3} = 175$$

283



Contacts: John Bussiere (x3044) Virginia Peterman (x3659) Yut Phasukyued (x3093) Robert Slivinsky (x3094)

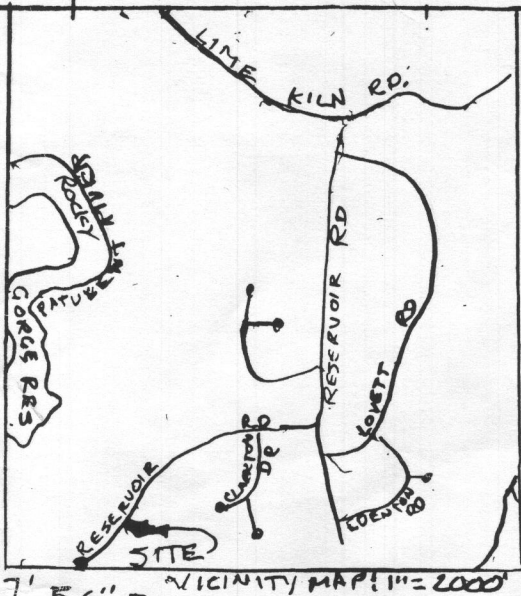
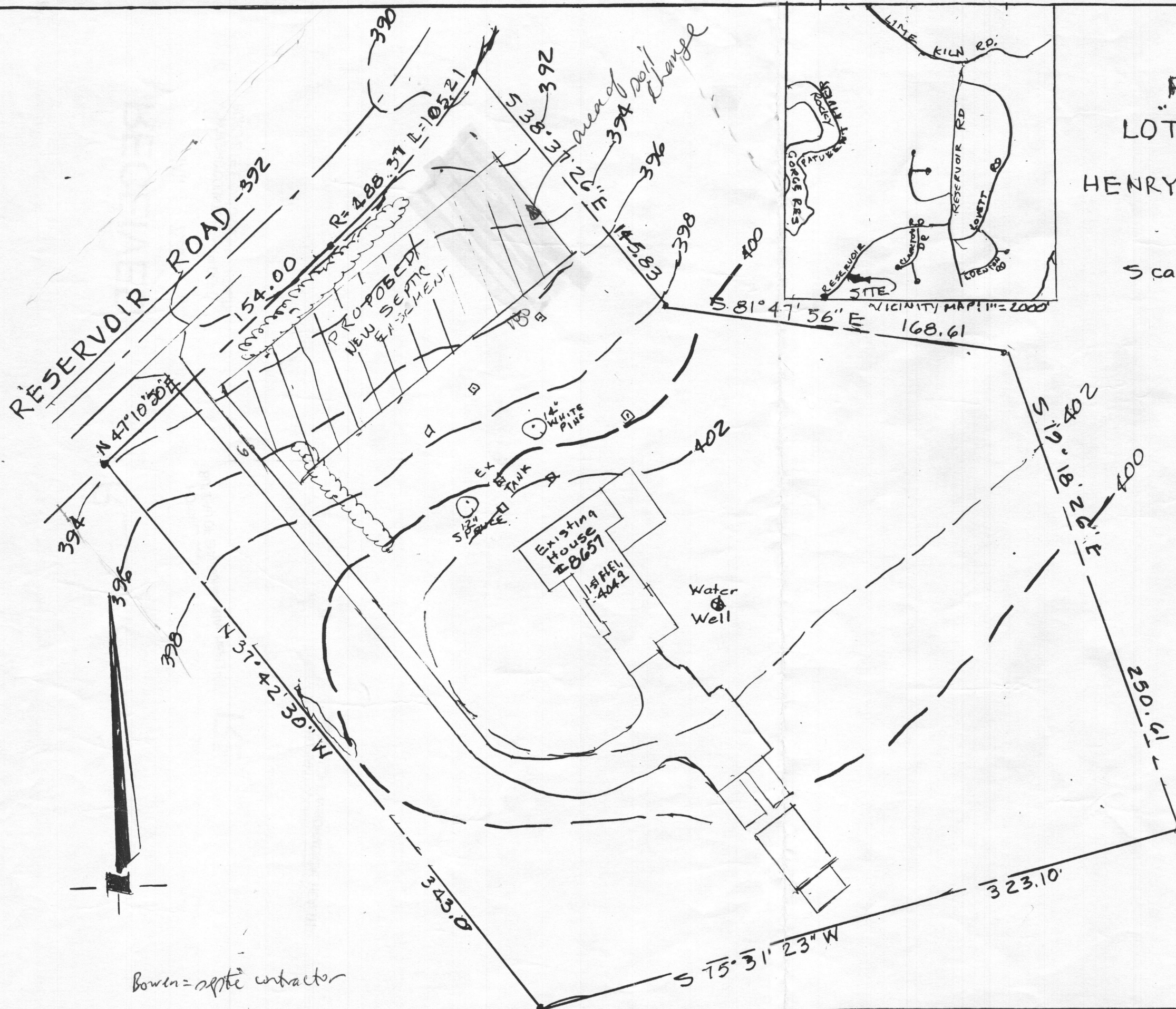


REVISED
 PERC. PLAT
 LOT 1 SECTION 2 -
 PROPERTY OF
 HENRY J. LILIENFIELD
 FULTON
 Plat No. 4699
 Scale: 1" = 50' Oct. 2005

TOPO IN FRONT OF EXISTING
 HOUSE WAS FIELD RUN OCT, 2005

Owner: Ted Lubis
 8657 Reservoir Road
 Fulton, Md. 20759
 410-340-4144

PREPARED BY:
THE J.E. CLARK COMPANY
 LAND SURVEYING AND ENGINEERING
 P.O. BOX 147 LAUREL, MARYLAND 20725
 (301) 725 3442



REVISED
 PERG. PLAT
 LOT 1 SECTION 2 -
 PROPERTY OF
 HENRY J. LILIENFIELD
 FULTON
 Plat No. 4699
 Scale: 1" = 50' Oct. 2005

TOPO IN FRONT OF EXISTING
 HOUSE WAS FIELD RUN OCT, 2005

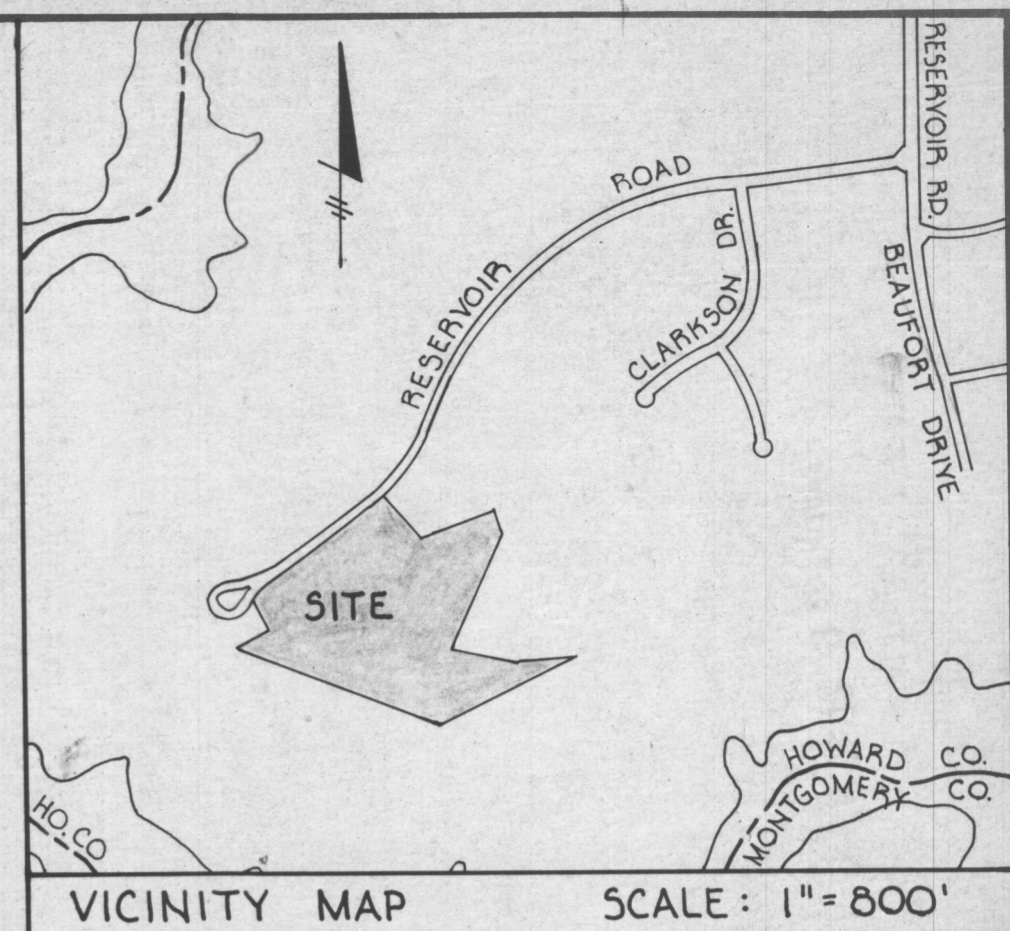
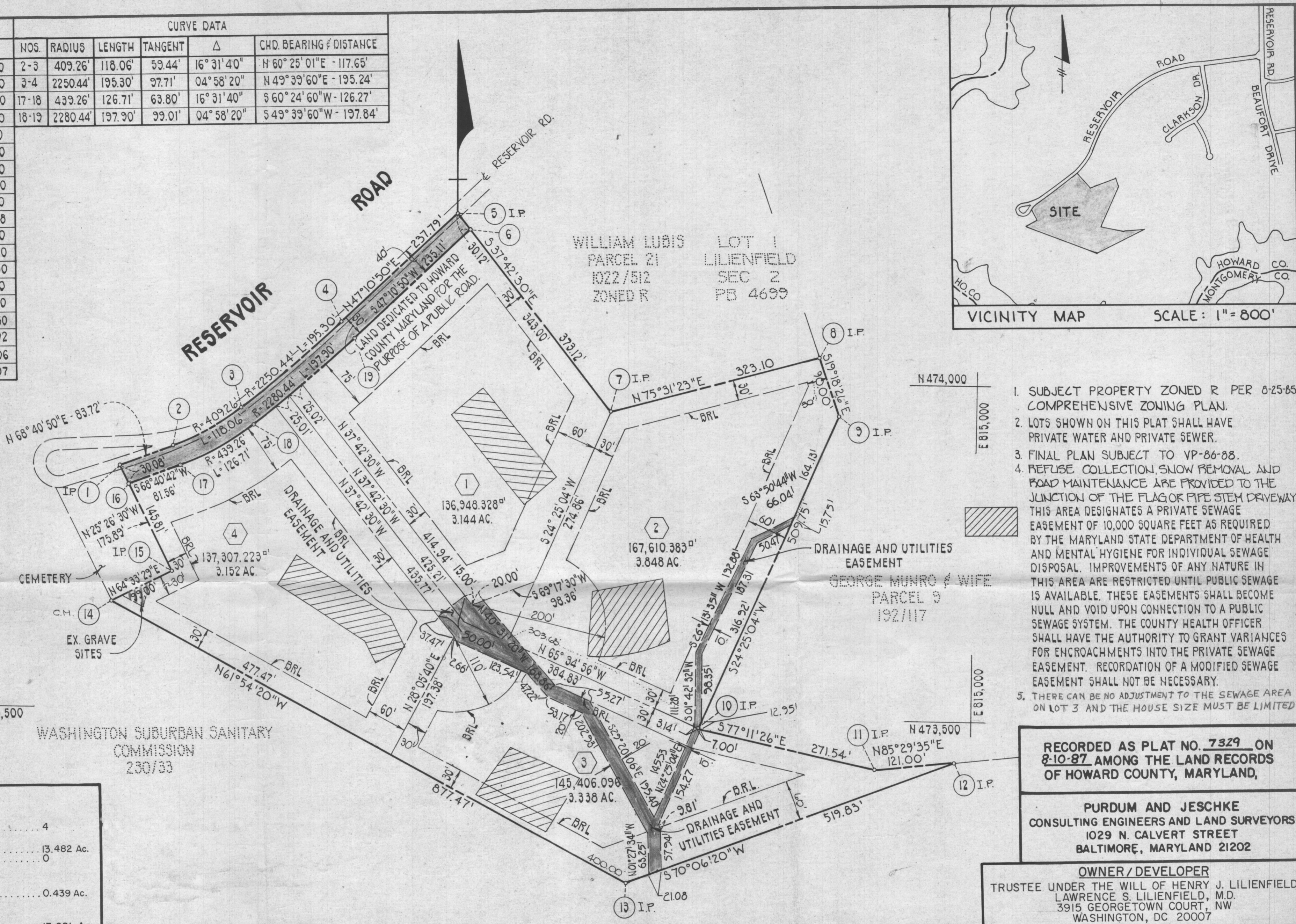
Owner: Ted Lobis
 8657 Reservoir Road
 Fulton, Md. 20759
 410-340-4144

Bowen = septic contractor

PREPARED BY:
THE J.E. CLARK COMPANY
 LAND SURVEYING AND ENGINEERING
 P.O. BOX 147 LAUREL, MARYLAND 20725
 (301) 725 3442

COORDINATES			CURVE DATA					
NO.	NORTH	EAST	NOS.	RADIUS	LENGTH	TANGENT	Δ	CHD. BEARING & DISTANCE
1	473,871.4270	813,727.7520	2-3	409.26'	118.06'	59.44'	16° 31' 40"	N 60° 25' 01" E - 117.65'
2	473,901.8650	813,805.7430	3-4	2250.44'	195.30'	97.71'	04° 58' 20"	N 49° 39' 60" E - 195.24'
3	473,959.9460	813,908.0540	17-18	439.26'	126.71'	63.80'	16° 31' 40"	S 60° 24' 60" W - 126.27'
4	474,086.3090	814,056.8800	18-19	2280.44'	197.90'	99.01'	04° 58' 20"	S 49° 39' 60" W - 197.84'
5	474,247.9350	814,231.3010						
6	474,224.1060	814,249.7240						
7	473,952.7470	814,459.5170						
8	474,033.5200	814,772.3620						
9	473,948.5820	814,802.1190						
10	473,484.4259	814,591.3948						
11	473,424.2230	814,856.1770						
12	473,433.7310	814,976.8020						
13	473,256.8390	814,487.9950						
14	473,670.0630	813,713.9150						
15	473,712.5930	813,803.3140						
16	473,844.2630	813,740.6750						
17	473,873.9177	813,816.6502						
18	473,936.2567	813,926.4606						
19	474,064.3040	814,077.2707						

COORDINATES SHOWN HEREON ARE BASED ON MARYLAND STATE GRID COORDINATE SYSTEM.



- SUBJECT PROPERTY ZONED R PER 8-25-85 COMPREHENSIVE ZONING PLAN.
- LOTS SHOWN ON THIS PLAT SHALL HAVE PRIVATE WATER AND PRIVATE SEWER.
- FINAL PLAN SUBJECT TO VP-86-88.
- REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM DRIVEWAY. 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.
- THERE CAN BE NO ADJUSTMENT TO THE SEWAGE AREA ON LOT 3 AND THE HOUSE SIZE MUST BE LIMITED

RECORDED AS PLAT NO. 7329 ON 8-10-87 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND,

PURDUM AND JESCHKE
CONSULTING ENGINEERS AND LAND SURVEYORS
1029 N. CALVERT STREET
BALTIMORE, MARYLAND 21202

OWNER/DEVELOPER
TRUSTEE UNDER THE WILL OF HENRY J. LILIENTFIELD
LAWRENCE S. LILIENTFIELD, M.D.
3915 GEORGETOWN COURT, NW
WASHINGTON, DC 20007

Tabulations:

1. Total Number of Lots to be recorded	4
2. Total Area of Lots Total Area of Open Space	13.482 Ac. 0
3. Total Area of Roadways to be recorded including widening strips	0.439 Ac.
4. Total Area of Subdivision to be recorded	13.921 Ac.

APPROVED: For private water and private sewerage systems in conformance with the Master Plan of Water and Sewer for Howard County.
James M. ... 7-25-87
Howard County Health Officer Date

APPROVED: Howard County Office of Planning and Zoning.
... 5.6.87
Director Date

APPROVED: For storm drainage systems, public road, and water, Howard County Department of Public Works.
... 8/3/87
Director Date

OWNER'S CERTIFICATE

I, Lawrence S. Lilientfield, sole surviving trustee of the property shown and described hereon, hereby adopt this plan of subdivision, and in consideration of the approval of this final plat by the Office of Planning and Zoning, establish the minimum building restriction lines and grant unto Howard County, Maryland, its successors and assigns (1) the right to lay, construct and maintain sewers, drains, waterpipes and other municipal utilities and services, in and under all roads and street right of ways and the specific easement shown hereon (2) the right to require dedication for public use the beds of the streets 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 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; and (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 erected on or over the said easements and rights of way. Plans for public water have been approved by the Department of Health and Mental Hygiene and these facilities will be available to all lots offered for sale.

Witness my/our hands this 1ST day of NOV-1986
Lawrence S. Lilientfield Trustee
... Witness

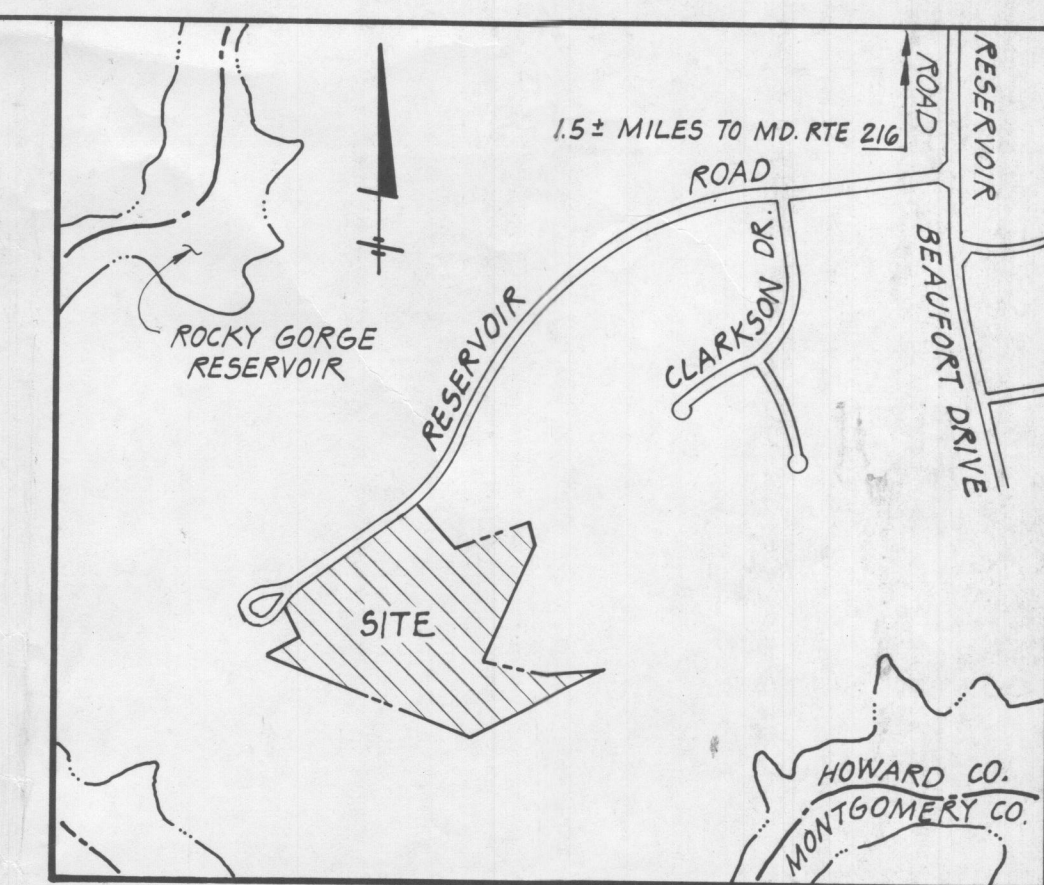
SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct; that it is a subdivision of part of lands conveyed by Lawrence S. Lilientfield, personal Representative of the Estate of Henry J. Lilientfield (deceased) to Lawrence S. Lilientfield and Robert B. Balter, trustees by deed dated December 27, 1980 and recorded in Liber 1038 at Folio 698 and that all monuments are in place or will be in place prior to the acceptance of the streets in the subdivision by Howard County as shown, in accordance with the annotated Code of Maryland, as amended.

William D. Purdum Reg. No. 1992
Date 10/30/86

Signed F-87-79 File
LILIENTFIELD
SUBDIVISION SEC. 3
LOTS 1 THRU 4

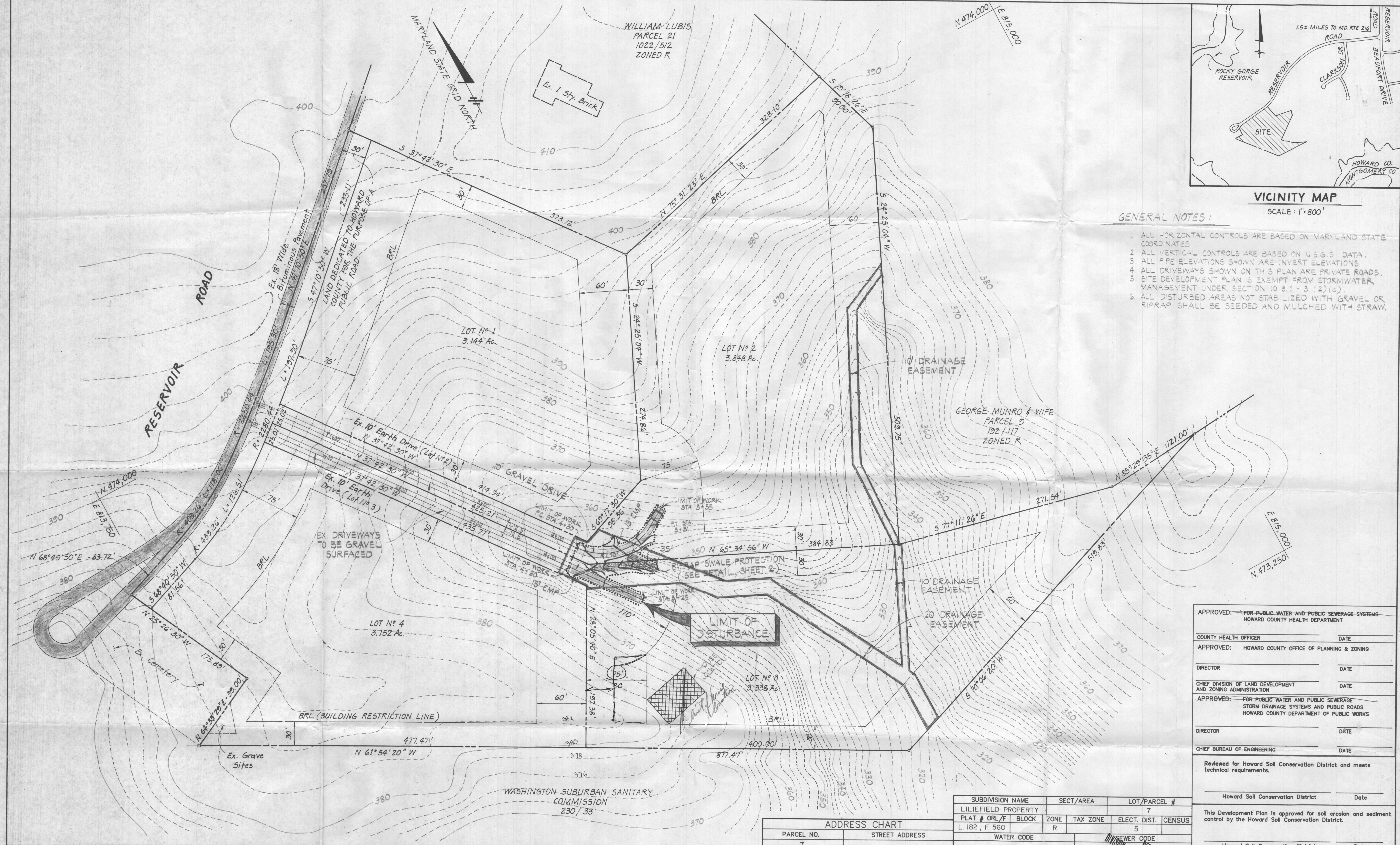
5th ELECTION DISTRICT HOWARD COUNTY, MD.
TAX MAP NO. 45 PARCEL NO. 7
SCALE: 1" = 100' ZONED: R
DATE: OCT. 7, 1986 P & Z: VP-86-88



VICINITY MAP
SCALE: 1" = 800'

GENERAL NOTES:

1. ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES
2. ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATA
3. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS
4. ALL DRIVEWAYS SHOWN ON THIS PLAN ARE PRIVATE ROADS
5. SITE DEVELOPMENT PLAN IS EXEMPT FROM STORMWATER MANAGEMENT UNDER SECTION 10.3.1 - 3. (2)(c)
6. ALL DISTURBED AREAS NOT STABILIZED WITH GRAVEL OR RIPRAP SHALL BE SEEDED AND MULCHED WITH STRAW.



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT	DATE
COUNTY HEALTH OFFICER	DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING	DATE
DIRECTOR	DATE
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	DATE
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	DATE
DIRECTOR	DATE
CHIEF BUREAU OF ENGINEERING	DATE
Reviewed for Howard Soil Conservation District and meets technical requirements.	DATE
Howard Soil Conservation District	DATE
This Development Plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.	DATE
Howard Soil Conservation District	DATE

SUBDIVISION NAME	SECT/AREA	LOT/PARCEL #
LILIEFIELD PROPERTY		7
PLAT # ORL/F BLOCK	ZONE TAX ZONE	ELECT. DIST. CENSUS
L 182, F 560	R	5
WATER CODE		
SEWER CODE		

ADDRESS CHART	
PARCEL NO.	STREET ADDRESS
7	

PURDUM & JESCHKE
CONSULTING ENGINEERS AND LAND SURVEYORS
1029 North Calvert Street
Baltimore, Maryland 21202 (301)837-0194

DEVELOPER'S CERTIFICATION
I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT THE DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF ANY SEDIMENT EROSION BEFORE BEGINNING THE PROJECT.
[Signature] DATE: 1/21/87

ENGINEER'S CERTIFICATION
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature] DATE: 1/21/87

LILIEFIELD PROPERTY
LOTS 1 THRU 4
5th ELECTION DISTRICT
TAX MAP NO. 45
PARCEL NO. 7
HOWARD COUNTY, MD
DATE: JANUARY, 1987
SCALE: 1" = 50'

DES: PWR
DRAWN: REC
CHK: RHB

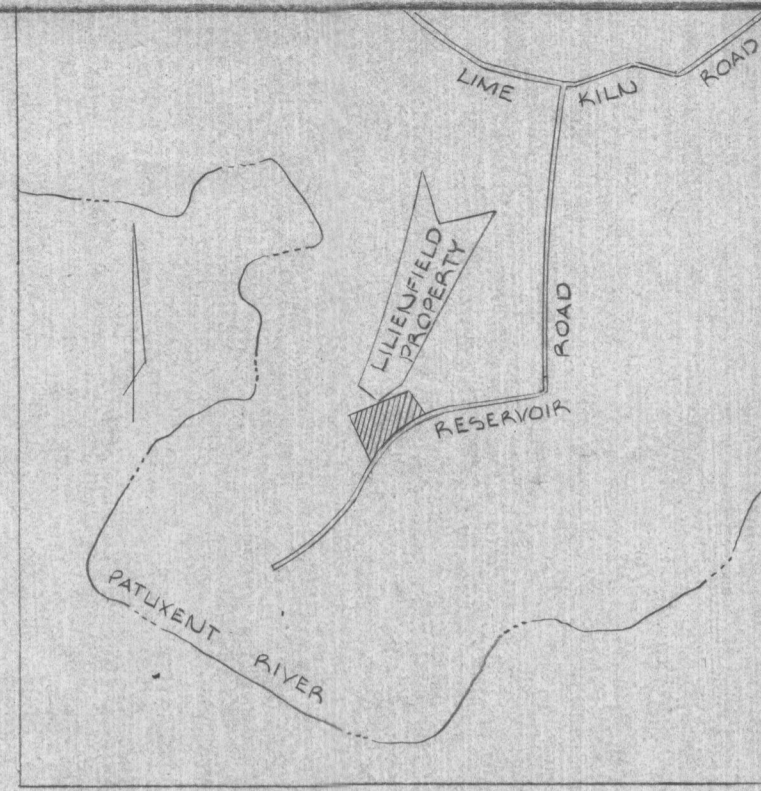
PERC TEST DATA - HENRY J. LILIENFIELD PROPERTY

LOT No.	BLOCK	AVERAGE PERCOLATION TIME IN MINUTES FOR SECOND INCH	MAXIMUM DEPTH PERMITTED FOR EFFLUENT PIPE TO ENTER SEWAGE DISPOSAL AREA AT ITS HIGHEST ELEVATION WITH REFERENCE TO EXISTING GRADE AT TIME OF PERCOLATION TEST
1	A	✓	
2	A	✓	
3	A	✓	
4	A	✓	
5	A	✓	

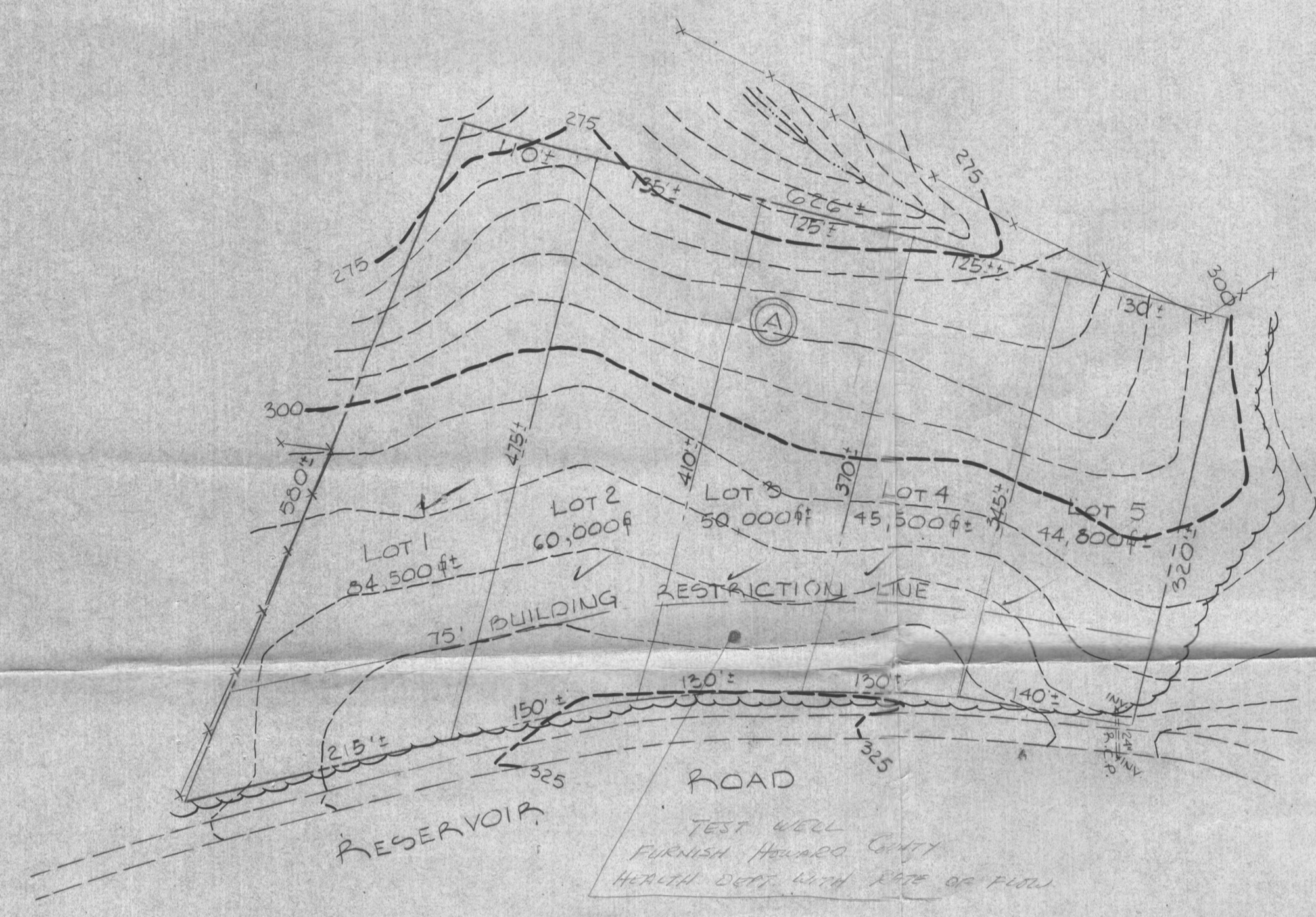
APPROVED FOR INDIVIDUAL SEWAGE AND WATER SYSTEMS.

Dr. Theodore Shrop
County Health Officer

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



VICINITY MAP
SCALE: 1" = 2000'



TEST WELL
FURNISH HOWARD COUNTY
HEALTH DEPT. WITH COPY OF PLAN

PURDUM & JESCHKE
ENGINEERS & LAND SURVEYORS
3697 PARK AVENUE
ELLICOTT CITY, MARYLAND - 21043

OWNER & DEVELOPER
HENRY J. LILIENFIELD
RESERVOIR ROAD
FULTON, MARYLAND - 20759

PROPERTY OF
HENRY J. LILIENFIELD
FIFTH ELECTION DISTRICT
SEPTEMBER 1971
HOWARD COUNTY, MD.
SCALE: 1" = 100'

NOTE: THE EXISTING GRADES SHOWN HEREON
DO NOT EXCEED 25%
Sept 22, 1971
Date

William G. Jeschke
Date
William G. Jeschke, I. Reg. No. 4575