

21/00
10:00

APPLICATION

PERCOLATION TESTING

A 514300

P _____

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

Proposal -
establish OK of SDA
to serve proposed
tenant house

DISTRICT _____

DATE 10/16/2000

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 William Slade, et. al.

Current ADDRESS 20234 Waters Row Ter. Germantown, MD 20874 PHONE Hm: 301-515-9177
Wk: 301-519-3776 x104

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Williams Farm LOT NO. _____

ROAD AND DESCRIPTION E. Linden Church Rd near Greenberry Lane (zip: 21029) Clarksville.
Williams Farm (Greenberry). [Farmhouse address: ~~13220~~ ¹³¹¹⁰ Greenberry Lane Clarksville, MD 21029]

TAX MAP 28 PARCEL # 48

SIZE OF LOT 3 acres TYPE BLDG. Single Family Dwelling
(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. William Slade
(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

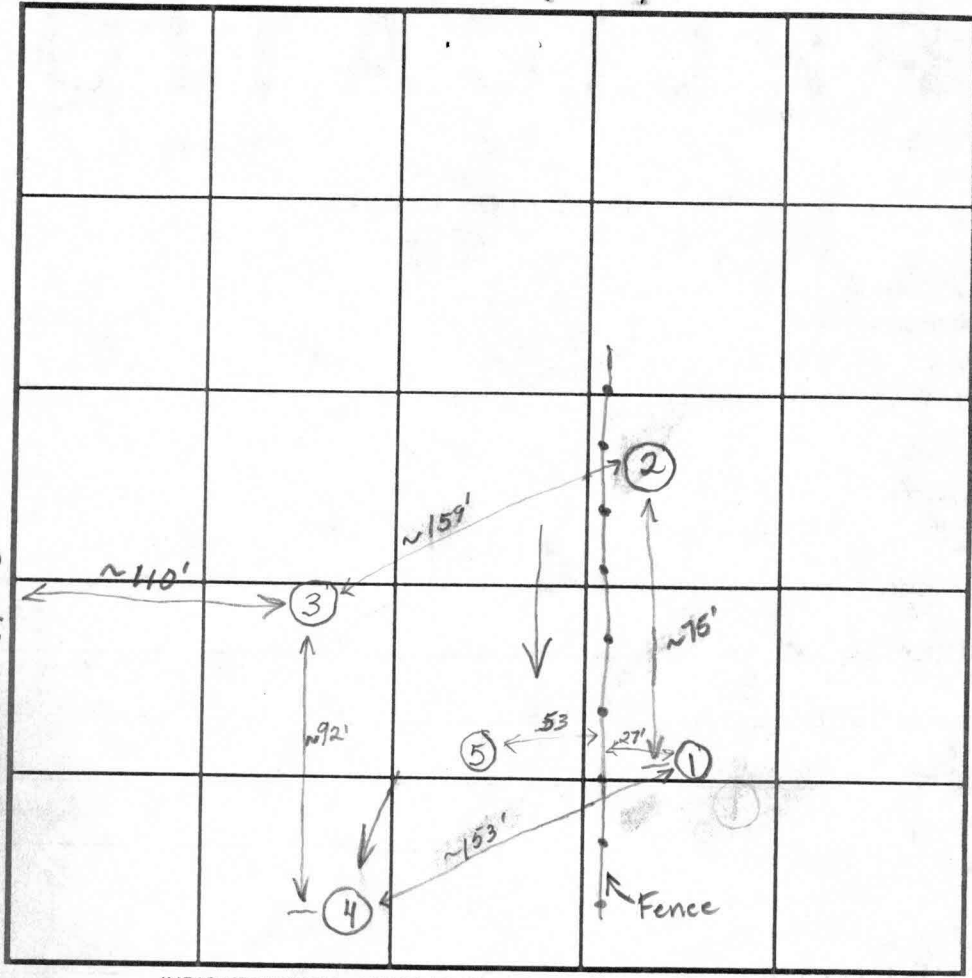
0' ①
 Red Br
 Cl Loam

4' Or Br Sa
 Loam
 ~30% Shale

6.5' >50%
 Shale

9.5' Gray Br
 Sa Loam
 ~40% Shale

Gas Line



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' ④
 Red Br
 Cl Loam

3.5' Shale
 Pocket
 ~50% Shale

5.0' Or Br
 Sa Loam
 ~35% Shale

15' ⑤
 Red Br
 Cl Loam

3.5' Or Br
 Sa Loam
 ~35% Shale

10.5' ~45% Shale

14'

14.5' ②
 Red Br
 Cl Loam

3.5' Or Br
 Sa Loam
 ~35% Shale

6.0' Rock Pocket
 750% Rock

8.0' Or Br
 Sa Loam
 ~40% Shale

13' ③
 Or Br
 Cl Loam

3.0' Or Br
 Sa Loam
 ~25% Shale

11.5' Or Brown
 Sa Loam
 ~40% Shale

14'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/1/00	1	8.0' / 14.5' V	10:54:30	11:01	11:01	11:20	19
	2	5.0' / 13.0' V	11:05	11:06	11:06	11:07:45	1:45
	3	4.5' / 14' V	11:29	11:30:30	11:30:30	11:33	2:30 ✓
	4	4.0' / 15' V	11:44	11:46	11:46	11:49	3 ✓
	5	14' V	- See Profile ->				OK ✓

REMARKS Perc test #1 conducted in heavy shale layer

TYPE OF SOIL All test holes O.K.

TESTED BY B. Baker ALSO PRESENT Fogles, William

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 TRENCH WIDTH 3' Slade

INLET DEPTH 3.5' MAXIMUM BOTTOM DEPTH 5.5' SQ. FT./BEDROOM 180

APPLICATION

PERCOLATION TESTING

A 514976

P _____

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

DISTRICT _____

DATE 3-13-01

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 William Slade, et al

Current ADDRESS 20234 Waters Row Terr. Germantown, MD 20874 PHONE _____
hm: 301-515-9177
Work is: 301-519-3776 x104

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Williams Farm LOT NO. _____

ROAD AND DESCRIPTION East Linden Church Rd near Greenberry Lane, Zip is 21029
Tax Map 28, Parcel 48

TAX MAP 28 PARCEL # 48

SIZE OF LOT 132.661 Acres TYPE BLDG. Single Family Tenant House (Dwelling)
(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 _____

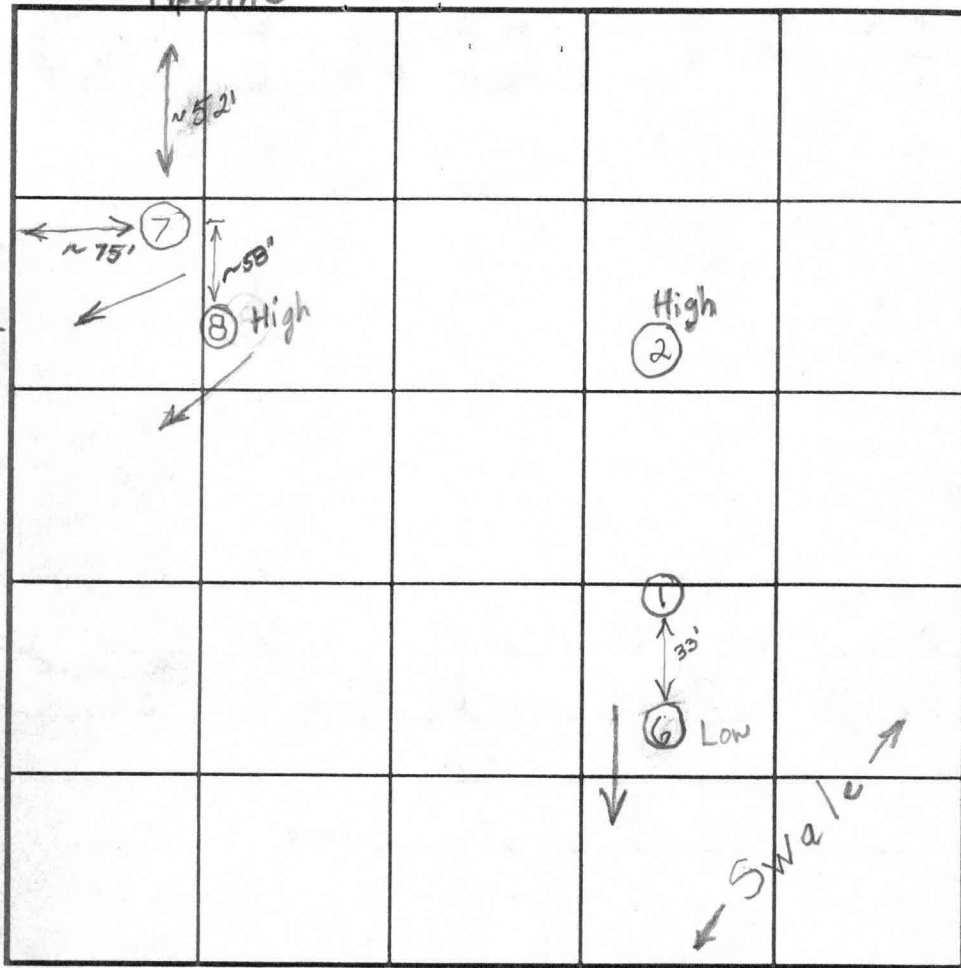
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

Pipeline

COUNTY #
 SOIL PROFILE
 0' (6)
 Red Brown Clay Loam
 4.5' Red Br Sa Cl Loam
 7.5' Light Br Sa Loam
 40-50% Shale
 14' Water
 14.5'

Pipeline



SOIL PROFILE
 0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

(7)
 Red Br Cl Loam
 3' Med. Brown Sa Loam
 14.5' 15-20% Rock
 15.5' 30-40% Rock

(8)
 Red Br Cl Loam
 4' Med. Brown Sa Loam
 20-25% Rock

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/19/01	6	6.5' / 14.5'	9:43	9:58	9:58	→	Slow (F)
		9'	10:39	10:55	10:55	→	Slow (F)
	7	4' / 15.5'	11:45	11:47	11:47		3 ✓
	8	4.5' / 14' V	12:12	12:15	12:15		5 ✓

REMARKS Hole 6 failed due to slow tests and shallow depth to water table. Holes 7+8 are O.K.

TESTED BY Brian Baker ALSO PRESENT Will Slade, Fogles

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 TRENCH WIDTH 3'

INLET DEPTH 3.5' MAXIMUM BOTTOM DEPTH 5.5' SQ. FT/BEDROOM 180



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer
March 21, 2001

Mr. William Slade
20234 Waters Row Terrace
Germantown, MD 20874

RE: Percolation test results
Purpose: Tenant House
Property ID: Williams Farm
1300 ~~13110~~ Greenberry Lane
Clarksville, MD 21029
Tax Map: 28 Parcel: 48

Dear Mr. Slade:

Percolation testing was conducted Monday, March 19, 2001 on the above referenced property. A copy of the percolation test results are enclosed.

A licensed surveyor should submit a Percolation Certification Plan showing the following information to this office:

- * actual locations & elevations of all excavated test holes and a proposed septic reserve area for each lot
- * proposed well sites for each lot, including two replacement well sites for each lot (or an area of approximately 1500 square feet of approvable well area per lot)
- * a suitable house site for each lot
- * locations of all existing wells and septic systems on the property
- * locations and intent of all existing structures on the property
- * locations of streams/swales/springs and any other relevant landscape features
- * locations of existing wells and septic systems within 100 feet of all property boundaries
- * field matched contour lines at 2-foot intervals

This plan should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, you may contact me at the address below or by calling (410) 313-2640.

Sincerely,

Brian Baker

Brian Baker - Sanitarian
Water and Septic Program

Enclosures
cc: Chuck Atwell
File

File
COPY



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer
December 12, 2000

Mr. William Slade
20234 Waters Row Terrace
Germantown, MD 20874

RE: Percolation test results
Purpose: Tenant House
Property ID: Williams Farm
Greenberry Lane
Tax Map: 28 Parcel: 48

Dear Mr. Slade:

Percolation testing was conducted Friday, December 1, 2000 on the above referenced property. A copy of the percolation test results is enclosed.

A licensed surveyor should submit a Percolation Certification Plan showing the following information to this office:

- * actual locations & elevations of all excavated test holes and a proposed septic reserve area
- * a proposed well site, including two replacement well sites (or an area of approximately 1500 square feet of approvable well area)
- * a suitable house site
- * locations of any existing wells and septic systems on the property
- * locations and intent of any existing structures on the property
- * locations of streams/swales/springs and any other relevant landscape features
- * locations of existing wells and septic systems within 100 feet of the property boundaries
- * field matched contour lines at 2-foot intervals in the vicinity of the area tested

This plan should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, you may contact me at the address below or by calling (410) 313-2640.

Sincerely,

Brian Baker - Sanitarian
Water and Sewerage Program

Enclosures
cc: File



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

October 18, 2000

Mr. William Slade
20234 Waters Row Terrace
Germantown, Maryland 20874

RE: **Percolation Test Date**
Application: A514300
Proposal: Tenant house
Property ID: Williams Farm
Greenberry Lane
Tax Map: 28 Parcel #48

Dear Mr. Slade:

Percolation testing has been tentatively scheduled for the above referenced property for **Friday, December 1, 2000 at 10:00 a.m.** Please call this office at (410) 313-2640 to confirm your acceptance of this percolation test date.

You shall be responsible for having a contractor on site to excavate the test holes at the corners of the proposed septic reserve area(s).

In the event of uncertain weather (i.e., precipitation or extremes of temperature), please contact this office prior to 9:00 a.m. on the test date to determine whether or not percolation testing can be performed on that date. If it is not feasible to perform the test, a new test date shall be assigned.

Percolation test results may be expected by mail two weeks after the completion of the percolation testing.

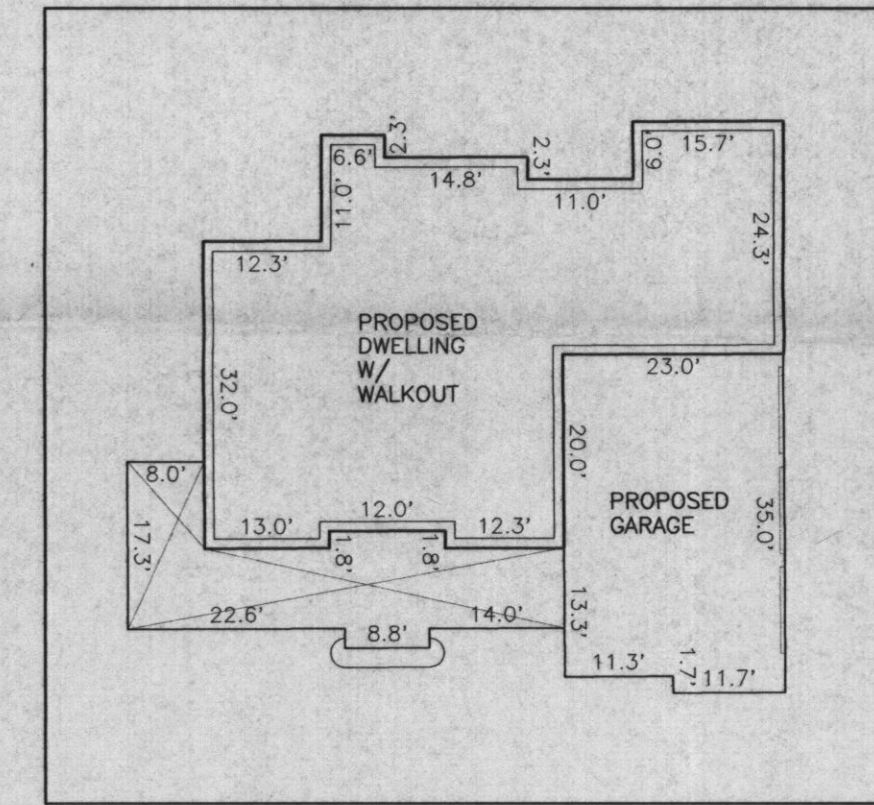
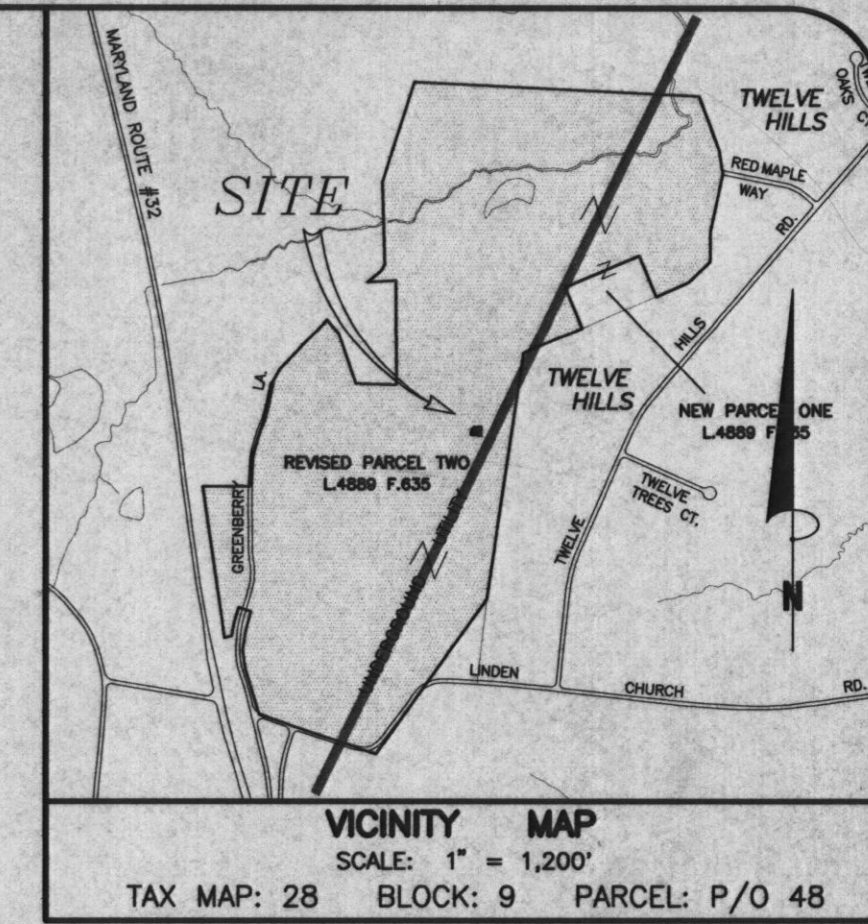
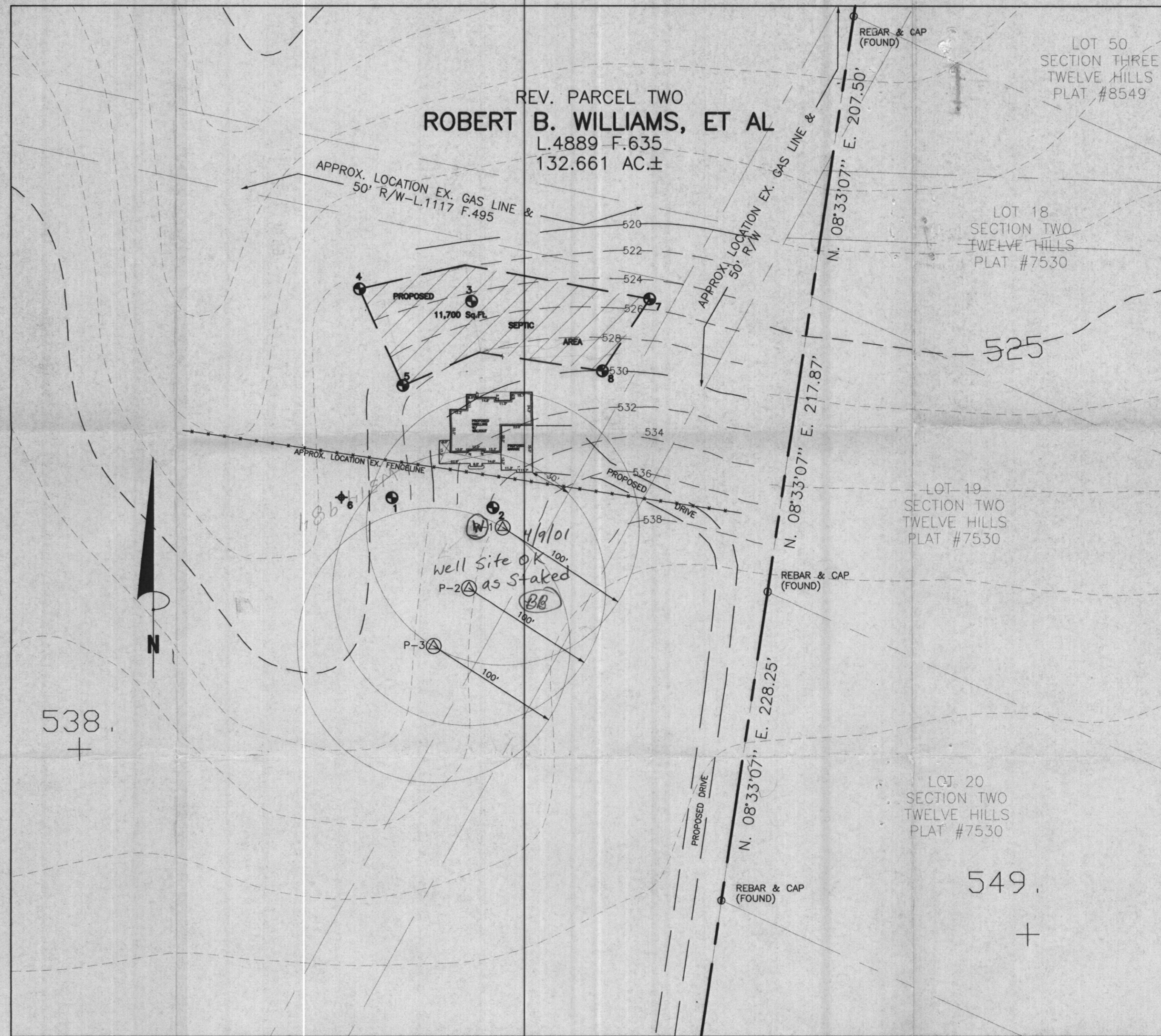
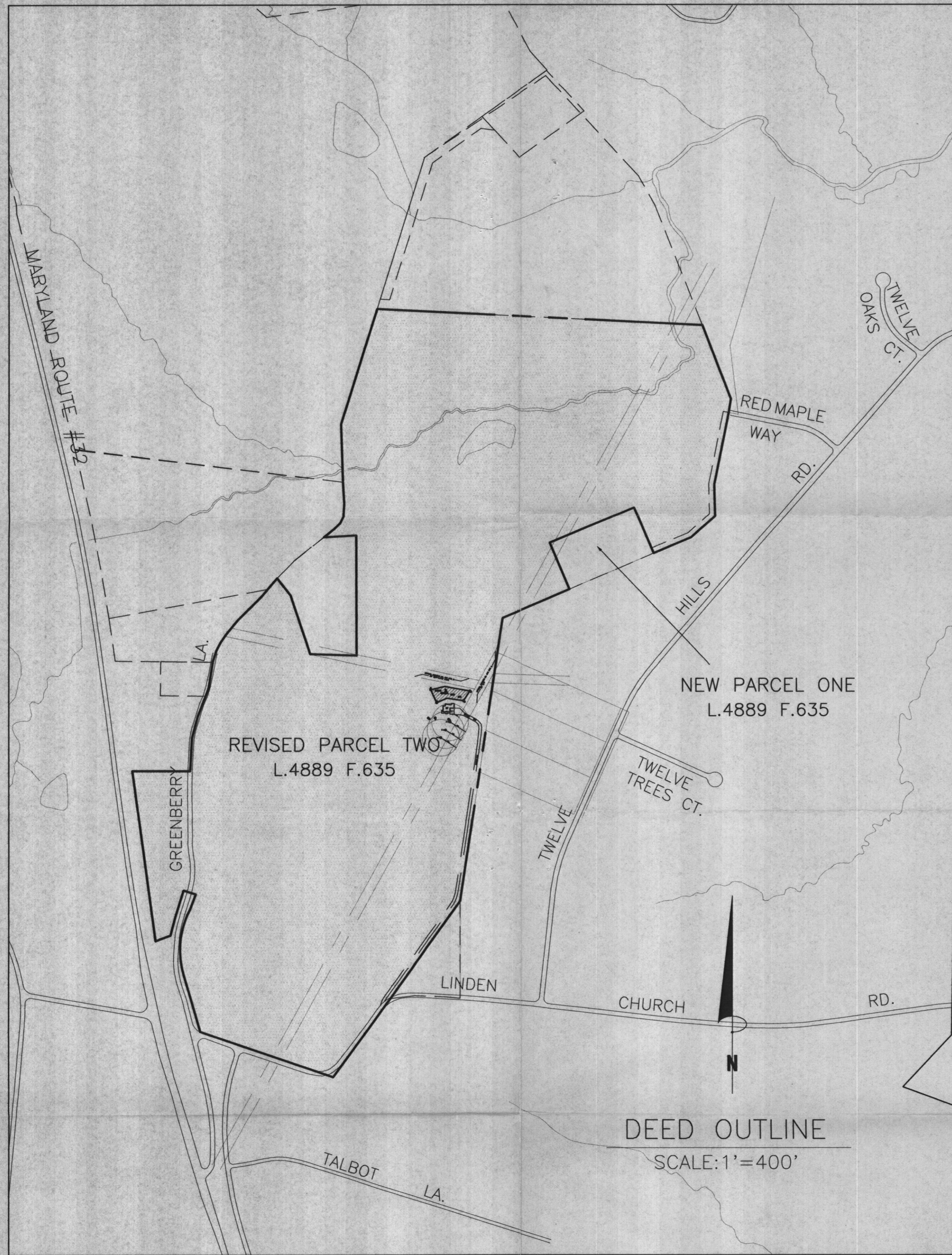
Thank you in advance for your cooperation in this matter.

Sincerely,

Donna K. Clark, R.S.
Water and Sewerage Program

DKC

cc: file



THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL, 1,700 S.F. OF ADDITIONAL AREA IS BEING PROVIDED FOR FUTURE REQUIREMENTS.

IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

EXISTING PERCOLATION TEST SITE: FAILED PASSED

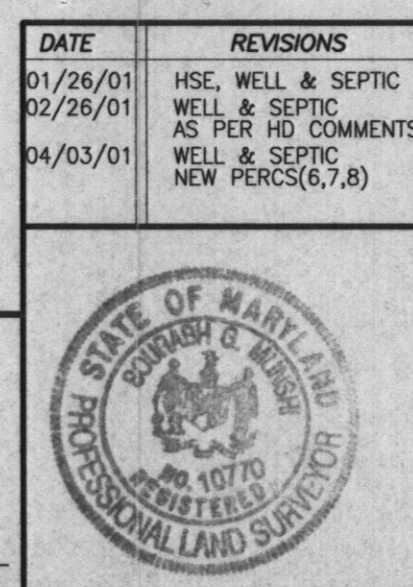
EXISTING WELL: E PROPOSED WELL: P

PROPOSED HOUSE SITE:

NOTE: THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF ANY PROPERTY BOUNDARIES UNLESS OTHERWISE SHOWN HEREON.

I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

Sourabh G. Munshi 04/03/2001
SOURABH G. MUNSHI, PROF. L. S., MD. REG. # 10770 DATE



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

Dina M. Stotish 4/3/01
HOWARD COUNTY HEALTH OFFICER DATE

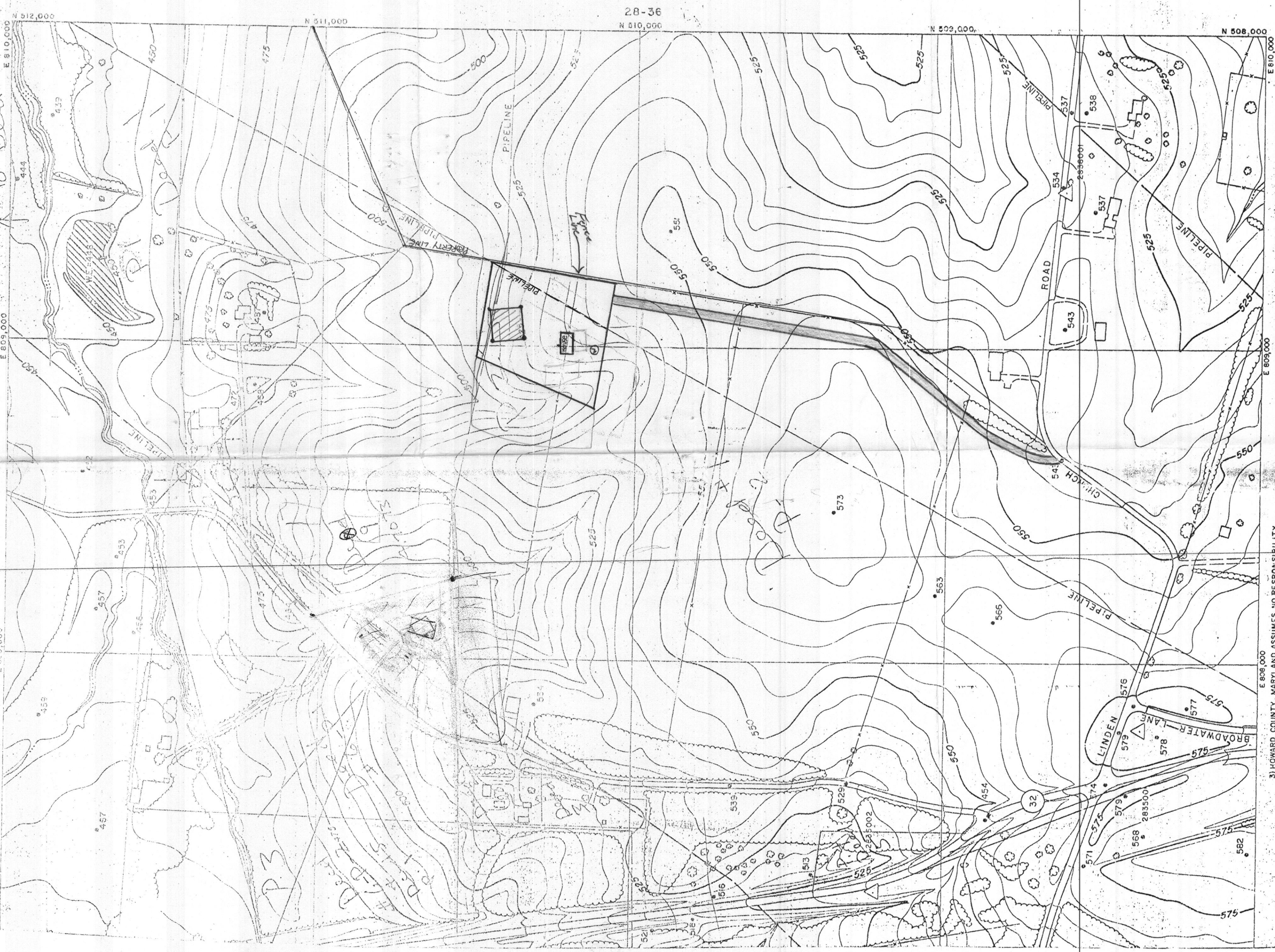
PERCOLATION CERTIFICATION PLAT
TENANT HOUSE SITE - REVISED PARCEL TWO
ROBERT B. WILLIAMS, ET AL
LIBER 4889 at FOLIO 635
SITUATED EAST OF GREENBERRY LANE & NORTH OF LINDEN CHURCH ROAD
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN JANUARY, 2001

YANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
115 Oak Hill Road, Suite 200, Gaithersburg, Maryland 20878
(301) 289-2800 (301) 281-3015 (301) 289-2785

NOTE:
THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.

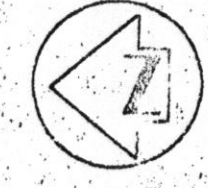
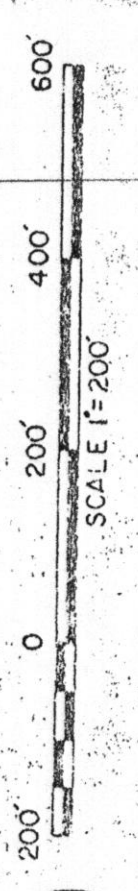
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William Slade (301-515-9177)
Tax Map 28, Parcel 48
to Dad 7



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4) CONTOUR INTERVAL = 5 FEET



HOWARD COUNTY, MARYLAND
GENERAL COUNTY PROJECT GC 0119
GEODETIC CONTROL SURVEY AND TOPOGRAPHIC MAPPING
TOPOGRAPHIC MAP OF
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SHEET NO. GC-0119-T-28-35

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