



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 527265

AGENCY REVIEW: _____

DATE 7/19/07

DO NOT WRITE ABOVE THIS LINE

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

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

don't need new septic

CHECK ONE:

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

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

Swimming Pool

- RESIDENTIAL WITH _____ 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) FRANK & Kimberly BIRD

DAYTIME PHONE 410-966-7403 CELL 410 948-7553 FAX _____

MAILING ADDRESS 11184 Douglas Ave MARRIOTTVILLE MD 21104
STREET CITY/TOWN STATE ZIP

APPLICANT STEVE STIEFEL - STIEFEL'S Pool Svc. Inc.

DAYTIME PHONE 410 256 9409 CELL 443 324 6445 FAX 410 256 9409

MAILING ADDRESS 4430 Medolyn Rd PERRY HALL MD 27128
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 11184 Douglas Ave MARRIOTTVILLE, MD 21104
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE .93 ACRE

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.

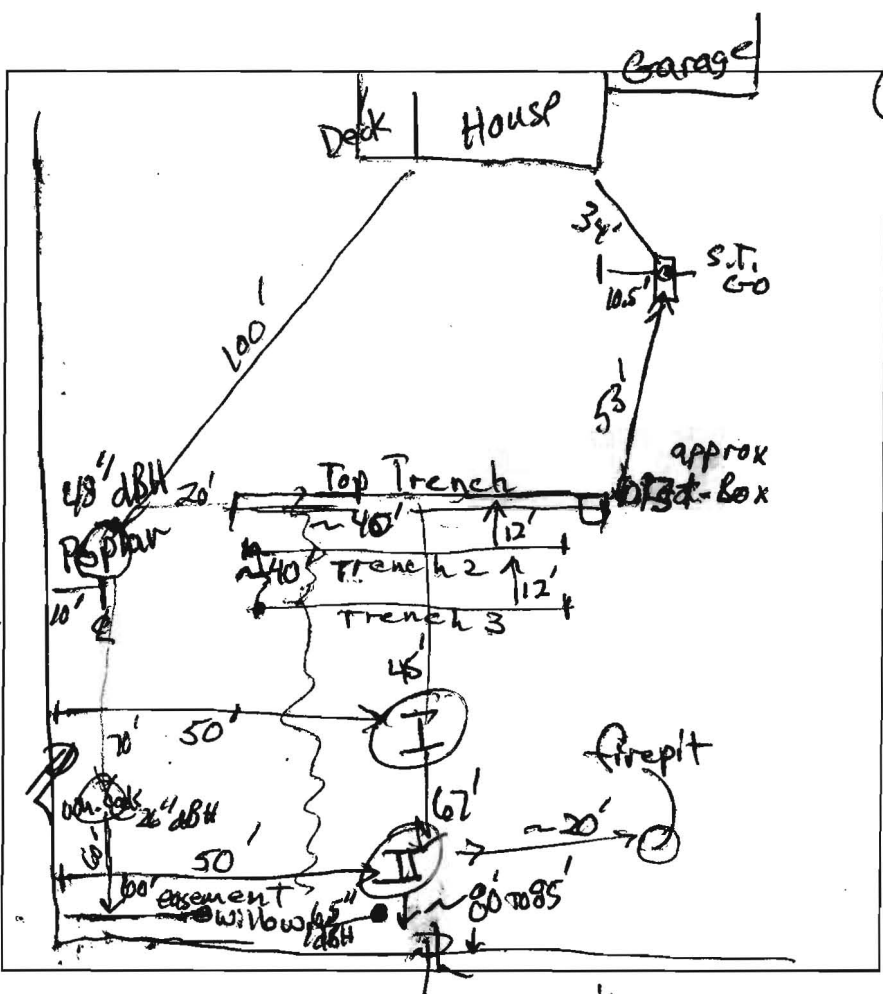
TEST RESULTS WILL BE MAILED TO APPLICANT.

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

0527265

I
 brnsl
 3fsbk to
 1' esbk
 few gravel
 brnsl
 3msbk to
 25' csbk
 brnsl
 3' micaceous
 2msbk
 3' lt brn & dk brn
 saprolite
 4.5' sl, Ø m
 lt grey-brn
 loamy sand
 micaceous
 saprolite
 Ø m
 5% claukers



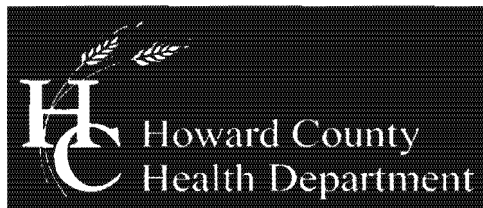
II
 brnsl
 1' 3fsbk to msbk
 brnsl
 2.5' 3csbk
 common mica
 brn sl
 3' 2msbk
 mica
 lt brn & dk brn
 saprolite, ls
 micaceous
 Ø m
 6.5' lt grey-brn
 loamy sand
 with medium
 thickness
 inclusions
 of yellow-red
 fine sandy loam
 few quartz
 stone
 10.5' micaceous

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
8/1/07	I	5.5'	0	6.5	3.5	2	P
	I	10'	Visual check	moderate infiltration			P
8/1/07	II	4' ↓	0	0.8	re pour		↓
8/1/07	II	re pour	1	2.5	4.5	2	P
8/1/07	II	12'	Visual check	moderate infiltration			P

Same
 with 5%
 small inclusions
 of weak-cemented
 stones, white
 (crush to
 gres)
 R ↓

Operator
 stopped
 digging

Propose Easement extending 30' downslope from II
 REMARKS
 SANITARIAN RB BACKHOE Steve Steffel OTHERS Frank & Kim Biro
 TEST HOLES USED IN SDA I & II AVG. PERC TIME 2 SQ. FT/BR 125
 TRENCH WIDTH 2 or 3 INLET DEPTH 2.5' MAX. BOT DEPTH 8 EFFECTIVE S/W All below
 prob. more 2.5



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

August 2, 2007

Frank and Kimberly Biro
11184 Douglas Avenue
Marriottsville, MD 21104

RE: PERCOLATION TEST RESULTS, A-5272656

Dear Mr. & Mrs. Biro,

Percolation testing was conducted on the referenced property on August 1, 2007. Field data collected are shown on the Percolation Test Worksheet enclosed with this letter. Acceptable ranges for recommended Inlet and Trench Bottom depths, and Usable Sidewall have been provided, and may be confirmed at time that a system upgrade or replacement is deemed necessary. Values for these parameters are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested. Percolation Test Results indicate soils' conditions that are satisfactory for onsite wastewater disposal.


Two test holes were dug so as not to disturb mature trees and shrubs. Each hole represents an area for a potential replacement system. The subsoils described at the test location are deep, micaceous loamy sands, having very similar physical properties and depth, and are of the same parent material. The topography in the area proposed for the replacement systems is sloping and consistently even.

This testing was conducted in response to a building permit application for an inground swimming pool. The existing residence is served by public water, as is each residence in the immediate vicinity.

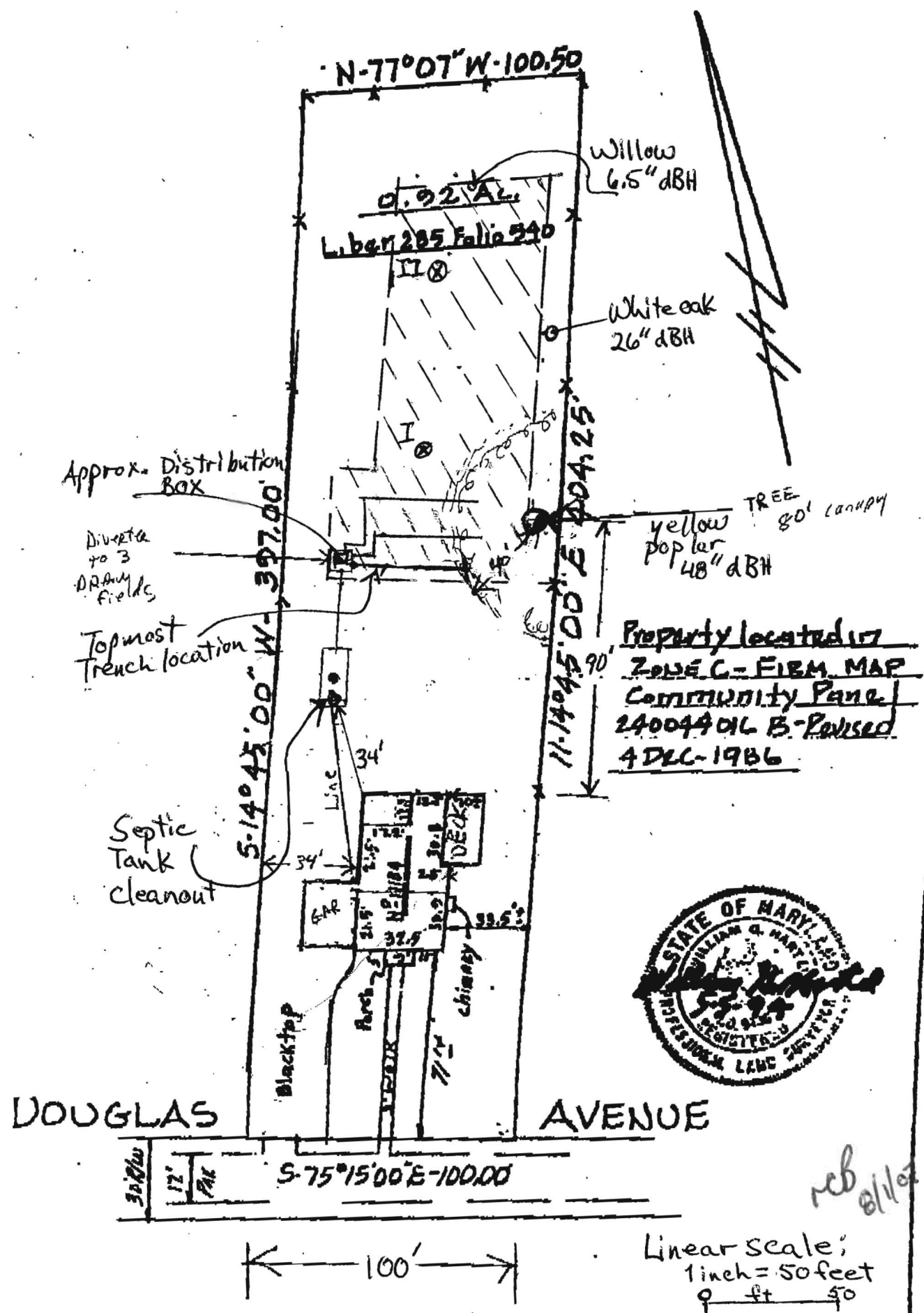
The location of the existing wastewater disposal system, installed in 2003, is evident. Health Department records of the installation are lost or misplaced. You have provided the Health Department with a copy of the Invoice for the installation. The description of service and materials reflects that the installed system is adequate for your residence. The existing septic system appears to be functioning properly at this time.

If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me by calling (410) 313-2691.

Respectfully,


Robert C. Bricker, Jr., CPSS
Well and Septic Program
Development Coordination Section

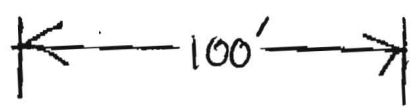
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Property located in
 Zone C - FIRE MAP
 Community Plan
 240044 DL B - Revised
 4 DEC-1986



DOUGLAS AVENUE



Linear scale;
 1 inch = 50 feet
 0 ft 50

reb 8/11/07

Percolation Certification Plan for 11184 Douglas Avenue

Owner: Frank and Kimberly Biro
 11184 Douglas Avenue
 Marriottsville, MD 21104

Drawn By: Frank Biro
 Date: August 2, 2007

Table of Test Location Elevations

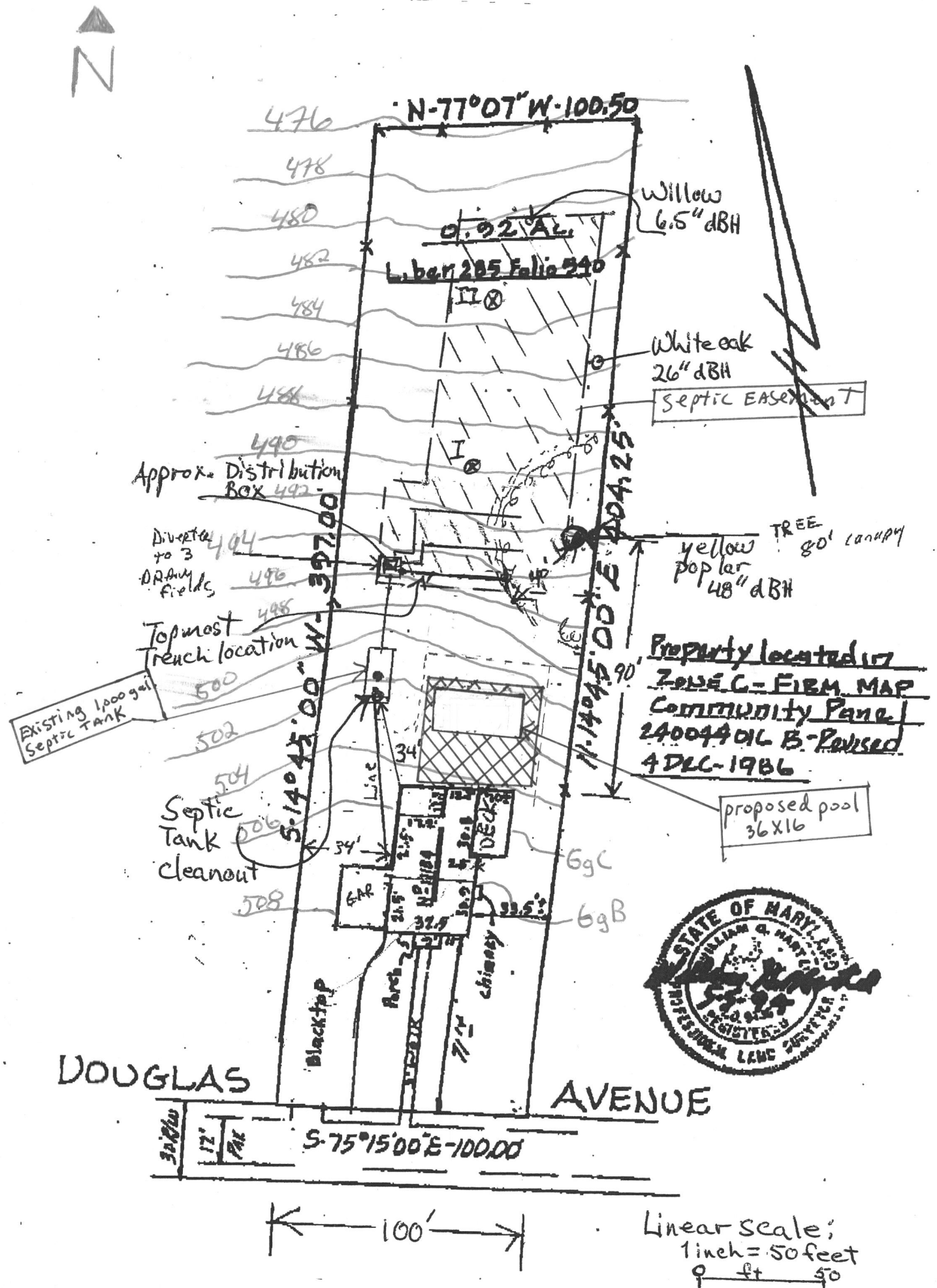
Test Location	Elevation
I	490
II	483

NOTES:

- The subject property and surrounding properties all obtain drinking water from a public source
- Topography on this plat is from Howard County data and is verified to accurately represent the relative elevation changes on the subject property.
- The lot shown hereon complies with the minimum ownership width and lot area as required by the Maryland Department of Environment.
- Any changes to a private sewage easement shall require a revised percolation certification plan.
- This area designates a private sewage disposal area as required by the Maryland Department of Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This sewage disposal area shall become null and void upon connection to a public sewerage system. The County Health Officer shall have the authority to grant adjustments to the private sewage disposal area.
- The existing residence, septic tank, distribution box and wastewater disposal trenches will remain.
- The existing residence, originally built in 1945, is designed for a maximum of 4 bedrooms.
- Existing drain fields were replaced in 2003.

Legend:

	Concrete Deck
	Perc Test - Passed
	Existing Trees
	Septic Easement
	Elevations



Property located in
 Zone C - FIRM MAP
 Community Plan
 24004 OIL B - Revised
 4 DEC-1986



I certify that the information shown hereon is based on work performed in my presence or by my direction, and is correct to the best of my knowledge and belief.

Owner: Frank Biro Date: 8/3/07

Approved for public water and private sewage systems.

for Health Official: William G. Hartman Date: 8/10/07

Legal Description	Lot 3	Grid 16
Map 16	Deed Liber 3805	Folio 253
Parcel 51	Plat # PC527265	