



Bureau of Environmental Health
7178 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

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

February 5, 2009

RE: **Percolation Test Results**

Purpose: Establish Septic Reserved Area

Property ID: 4475 Ten Oaks Road

Dayton, Maryland 21036

Tax Map: 28, Parcel: 288

Dear Mr. and Mrs. James Rozario:

Percolation testing was recently conducted February 4, 2009 on the above referenced property, in an effort to establish sufficient septic reserve area.

Results indicate satisfactory soil conditions for onsite wastewater disposal and adequate septic reserve area to support the proposed number of bedrooms for a single family dwelling.

A total of 3 test holes were dug. Field data collected is shown on the Percolation Test Worksheet enclosed with this letter. A functional existing septic system was discovered in the front of the house. A new reserve area was established and sufficient space is available for two repairs. Acceptable ranges for recommended inlet and trench bottom depth are indicated, and may be confirmed at the time of installation.

The next step in this process is to have your engineering / consultant submit a Percolation Certification Plan. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by telephone at (410) 313-2772.

Respectfully,

Dana L. Bernard

Dana L. Bernard

Environmental Sanitarian

Bureau of Environmental Health

Well and Septic Program

Phone (410) 313-2772

Fax (410) 313-2648

E-mail: DBernard@howardcountymd.gov

DLB

Enclosure

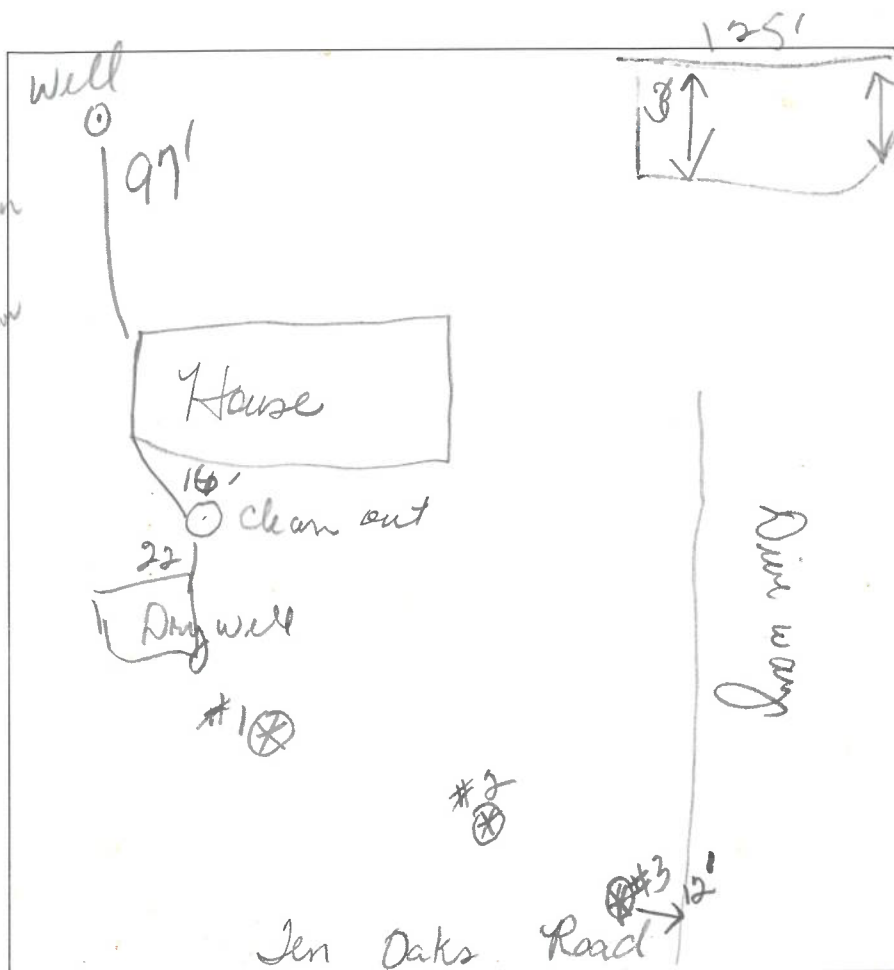
cc: Well & Septic program file

A/P

#1
 SBR Dk Brown 0.5
 SCL Red-Brown mica 2'
 Red Brown Sh Yellow Brown lot of mica
 traces of Rock sm 5'
 RBr Sh Sap 14'

#2
 profile
 same
 as
 #1

#3
 SBR Dk Br 0.5
 SL Grey
 RBr SCL 2'
 Y-Red-Br Sh mica
 traces of stone
 yellow Brown Sap Blk 13
 coatings



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
2-4	1	14 6.5	10:01	10:05	10:11	6min P	
2-4	2	14 5	10:12	10:20	10:21	7min P	
2-4	3	13 4	10:25	10:31	10:41	10min P	

REMARKS

eHaljroza@yahoo.com

SANITARIAN _____ BACKHOE _____ OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

246
 148

 93

A/P # P530275

Perc Information-Rozario Property

Well Tag # HO-73-1461

NOT TO SCALE

1

Sbk , Dk. Gray
Black SL

-----0.5'

Red-Brown
SCL

-----2'

Yellow
Red-Brown
SLMuch Mica
Traces of
Sm. Stones

-----5'

Red-Brown
SL
Saprolite

↓

-----14'

2

Soil
ProfileSame
asProfile
#1

3

Sbk , Dk. Gray
Black SL

-----0.5'

Red-Brown
SCL

-----2'

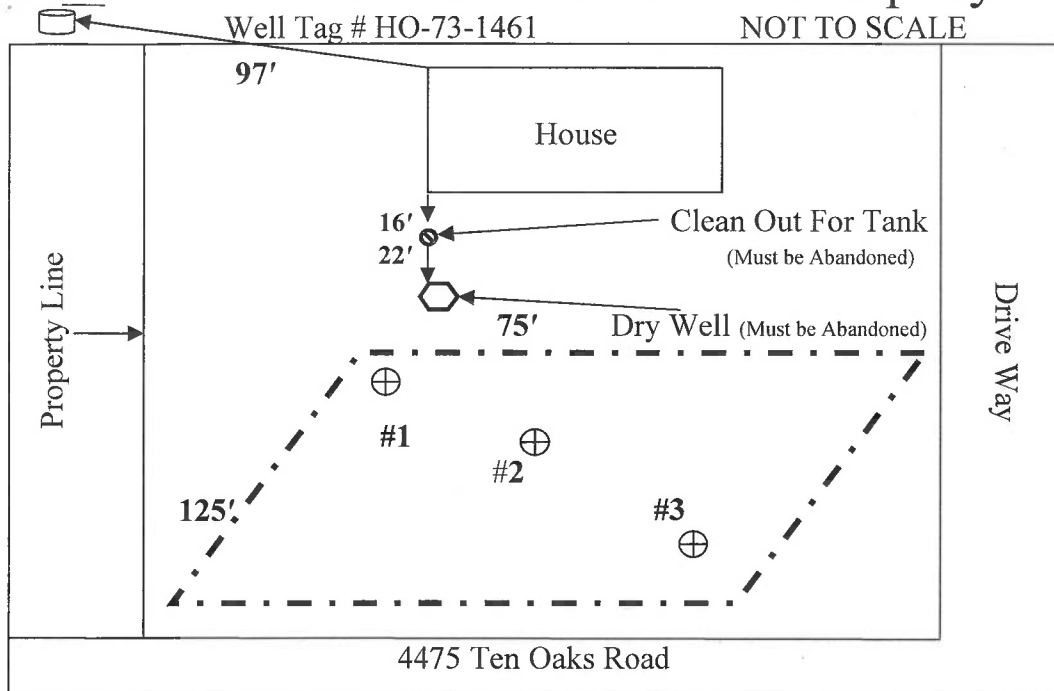
Yellow
Red-Brown
SLMuch Mica
Traces of
Stones

-----5'

Yel-Red-Brn
SLSaprolite
with

Blk coatings

-----14'



Date	Test #	Depth	Start	Break 1" Drop	Break 2" Drop	Time of 2 nd Inch	P/F/H
2-4-09	1	14 / 6.5	10:01	10:05	10:11	6 min.	Pass
2-4-09	2	14 / 5	10:12	10:20	10:27	7 min.	Pass
2-4-09	3	14 / 4	10:25	10:31	10:41	10 min.	Pass

Remarks: Upgrade -Increasing living space. Good soils-Glenelg Loam
Original perc on May 1, 1976.

Sanitarian D.Bernard Backhoe Hatfield's Others Donnie

Test Holes Used in 3 in SDA Avg. Perc Time 8min. SQ.FT/BR


Trench Width 3' Inlet Depth 4' Max Bot.Depth 6' Effective S/W

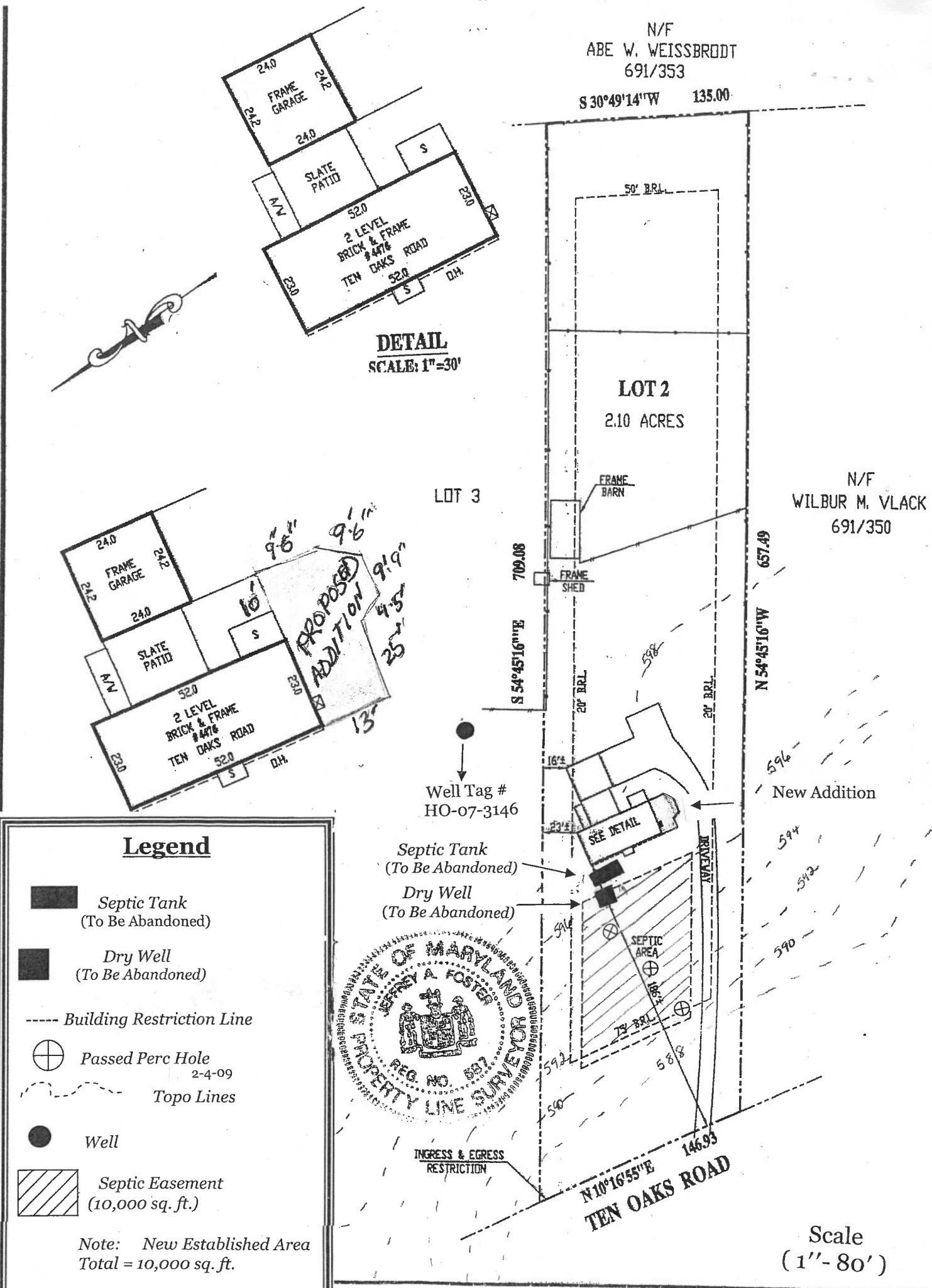
Percolation Certification Plan

Owner: James and Eva Rozario
4475 Ten Oaks Road
 Tax Map: 28 Parcel: 288, Lot #2
 Dayton, Maryland 21036

Project: Addition to existing house.

Notes:

1. The lot hereon complies with the minimum ownership width and area as required by Maryland Department of the Environment (MDE) for lots created after March 1972.
2. Any changes to a private sewage easement shall require a revised perc certification plan.
3. The topography of this plat is taken from Howard County GIS and is verified to accurately represent the relative changes on the subject property.
4.  This area designates a private sewage disposal area of at least 10,000 sq. ft. as required by the Maryland Department of the 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 authority to grant adjustments to the private sewage easement Recordation of a revised or modified sewage easement shall not be necessary.
5. All known wells and/or septic easements located within 100 feet of the property have been shown. And all known wells down gradient from the septic easement are located within 200 feet of the property.
6. The existing drywell and septic tank will be abandoned and the replacement septic system installed prior to building permit approval.
7. Well Tag# HO-07-3146 is located uphill on the neighboring property and is 100 feet from septic easement.
8. The Purpose of this Percolation Certification Plan is to establish a septic easement in support of a building permit application for a 2 story addition to the existing dwelling at 4475 Ten Oaks Road, Dayton, Maryland 21036.



"I certify that the information shown heron is based on field work performed by me or under my direct supervision, and is correct to the best of my knowledge and belief."

Homeowner/Applicant

Date

Approved For Private Water and Private Sewage System

For Peter Bileuson
 Health Officer, Howard County Health Department

Date 3/13/2009