



# HOWARD COUNTY HEALTH DEPARTMENT

45073

CODES

DATE

6/2/13

AS

☐ CASH

☒ CHECK

NO.

1143

Received  
From

Old Line Builders

For

Perc App/13851 Triadelphia Mill

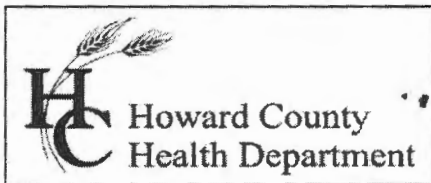
Five hundred six <sup>xx</sup>/<sub>100</sub> Dollars

\$

506.00

Received By

J King



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

Maura J. Rossman, M.D., Acting Health Officer

## APPLICATION

### FOR PERCOLATION TESTING AND SITE EVALUATION

545073

#### PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME \_\_\_\_\_ LOT # \_\_\_\_\_

PROPERTY ADDRESS 13851 Triadelphia Mill Rd. Clarksville 21029  
STREET TOWN ZIP

TAX ACCOUNT # \_\_\_\_\_ TAX MAP 1034 GRID 001 PARCEL 0167 ZONING DESIGNATION \_\_\_\_\_

PROPERTY OWNER(S) Ronna Brockdorff

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ EMAIL \_\_\_\_\_

MAILING ADDRESS 13851 Triadelphia Mill Rd Clarksville, MD 21029  
STREET CITY, STATE ZIP

APPLICANT Mike Fitzgerald (Old Line Builders) RELATIONSHIP TO OWNER: Contractor

DAYTIME PHONE 410 977-8926 CELL 410 977 8926 EMAIL mfitzgerald@oldlinebuilders.com

MAILING ADDRESS Po Box 1854 Westminster MD 21158  
STREET CITY, STATE ZIP

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

##### BUILDING:

- ☒ RESIDENTIAL WITH 4 EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE  
☐ COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)

##### PROPERTY:

- ☐ SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: \_\_\_\_\_  
☐ CONSTRUCT NEW OSDS ON UNDEVELOPED LOT  
☐ REPAIR OR REPLACE FAILING OSDS  
☐ UPGRADE EXISTING OSDS

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- ☐ YES  
☐ NO

#### AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
- THE APPLICATION FEE IS NON-REFUNDABLE
- THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
- THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

Mike Fitzgerald

SIGNATURE OF APPLICANT

6/21/13

DATE

NOT TO SCALE

AP 545073

A

2.5' bn 1 yellow scl 1 fsk

6' yellow sl saprolite

8' tan fs 1 many mica

12' tan micaceous IS Saprolite

B

8" bn 1 / roots

4' red bn ch scl

7' red bn sl saprolite

10' red bn fs 1 micaceous Saprolite 15% stones

12' Mica schist w/ Mn

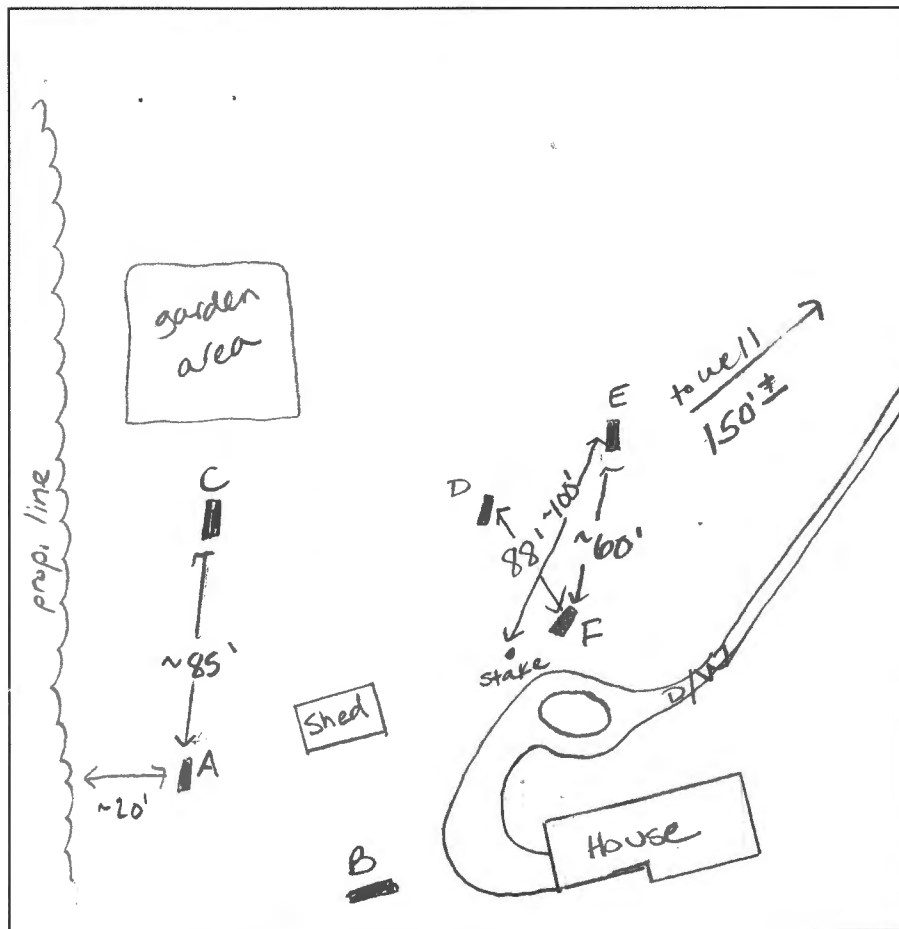
C

10" bn 1 1 csk

2' bn scl 2 csk

yellow bn cl

↓ yellow ch cl



D

ch bn 1 1'

red bn vch scl 1 msk 5'

yellow bn sl Saprolite 9'

gray sil 11'

red yellow fs 1 saprolite 12'

E

red scl 4'

yellow sl many mica 5'

red ch fs 8'

red yellow fs 1 saprolite red 30% stones w/ Mn 14'

F

yellow scl 1 csk 3'

yellow sl micaceous 6'

yellow fs 1 w/ mica schist 13' HB

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/17/13	A	4.5' / 12'	10:16	10:19	10:24	5	P
	B	4.8" / 12'	10:37	10:42	10:52	10	P
	C	8'	VISUAL				F
	D	5'8" / 12'	11:10	11:20	11:31	11	P
	E	4.3" / 14'	11:22	11:24 <sup>00</sup>	11:27	3	P
	F	4'10" / 13'	11:39	11:41	11:44	3	P

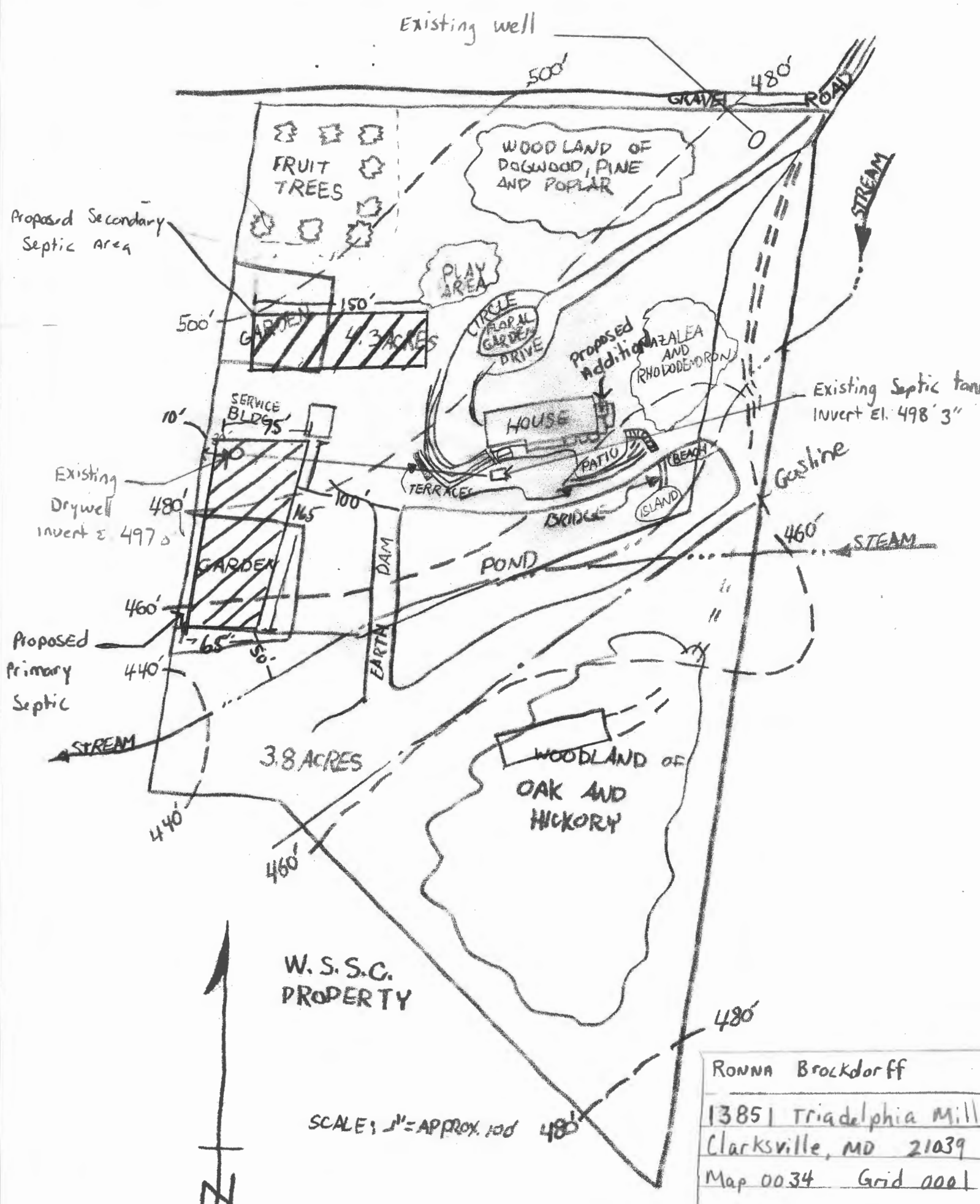
REMARKS well - 94-066B

SANITARIAN HS BACKHOE Fogles OTHERS owner

TEST HOLES USED IN SDA 5 AVG. PERC TIME 6.4 SQ. FT/BR

TRENCH WIDTH 3' INLET DEPTH 3' MAX. BOT DEPTH 6'-7' EFFECTIVE S/W 2'

155 L.F. trench per system



W. S. S. C.  
PROPERTY

RONNA Brockdorff

13851 Triadelphia Mill  
Clarksville, MD 21039  
Map 0034 Grid 0001



## Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

[www.hchealth.org](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

Twitter: HowardCoHealthDep

**Maura J. Rossman, M.D. Acting Health Officer**

July 18, 2013

To: Mike Fitzgerald  
Applicant

RE: **Percolation Test Report -**  
13851 Triadelphia Mill Rd  
Clarksville, MD 21029  
Receipt # - A545073

Percolation testing was conducted at the referenced property on July 17, 2013. The purpose for conducting these percolation tests was to delineate a new septic reserve area to accommodate a proposed addition with one additional bedroom.

All percolation tests conducted were standard tests, measuring rate of fall for a pre-wet period followed by measurement and recordation of the time required for the water level to drop 1 inch. Soil conditions either satisfactory or unsatisfactory for onsite wastewater disposal were observed at the specified test locations. Areas that may be included in a septic reserve are represented by test locations having satisfactory soil conditions. The area of the septic reserve must be large enough to accommodate an initial drainfield and two repair drainfields for the planned residence.

Test locations were dug per the locations shown on the site plan. A total of six tests were dug. Soil conditions observed were mainly satisfactory for conventional onsite wastewater treatment. Limiting conditions included deep clays and saturated soil material at test location C. Tests A, B, D, E & F had adequate soil profiles and percolation rates.

Field data collected are shown on Percolation Test Worksheets enclosed with this letter. Recommended Inlet and Trench Bottom depths, and Usable Sidewall all are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested. Further review of this project is contingent on submission of a Percolation Certification Plan. The new addition will require an upgrade of the current septic tank and drywell.

Additional field review of well or septic system conditions may be required at any time during this process. If you have any questions regarding this evaluation or requirements for the Percolation Certification Plan, please contact me at the above address or by calling (410) 313-6287.

Respectfully,

Heidi Scott, R.S.  
Environmental Sanitarian  
Well and Septic Program

Cc:  
File

## Percolation Certification Plan

Any changes to a private sewage easement shall require a revised Percolation Certification Plan  
The topography of this plat is taken from Howard County GIS and is verified to accurately represent the relative changes on the subject property  
All wells and septic systems located within 100' of the property boundaries and 200' down gradient of any wells and / or septic systems have been shown  
The purpose of this plan is to upgrade the existing septic tank and drain field in order to add an addition to the house

Symbols:

Letters A-F represent test locations noted with pass or fail

Existing well      • Alt. Well

**ZZZ** This area designates a private sewage area as required by the Maryland State Department of the environment for individual sewage disposal. For lots created prior to March 1972 it provides at least enough area to accommodate at least an initial and two replacement systems as required by the Howard County Health Department. Improvements of any nature in this area are restricted until public sewerage is available. This 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 area. Recordation of a modified sewage area shall not be required.

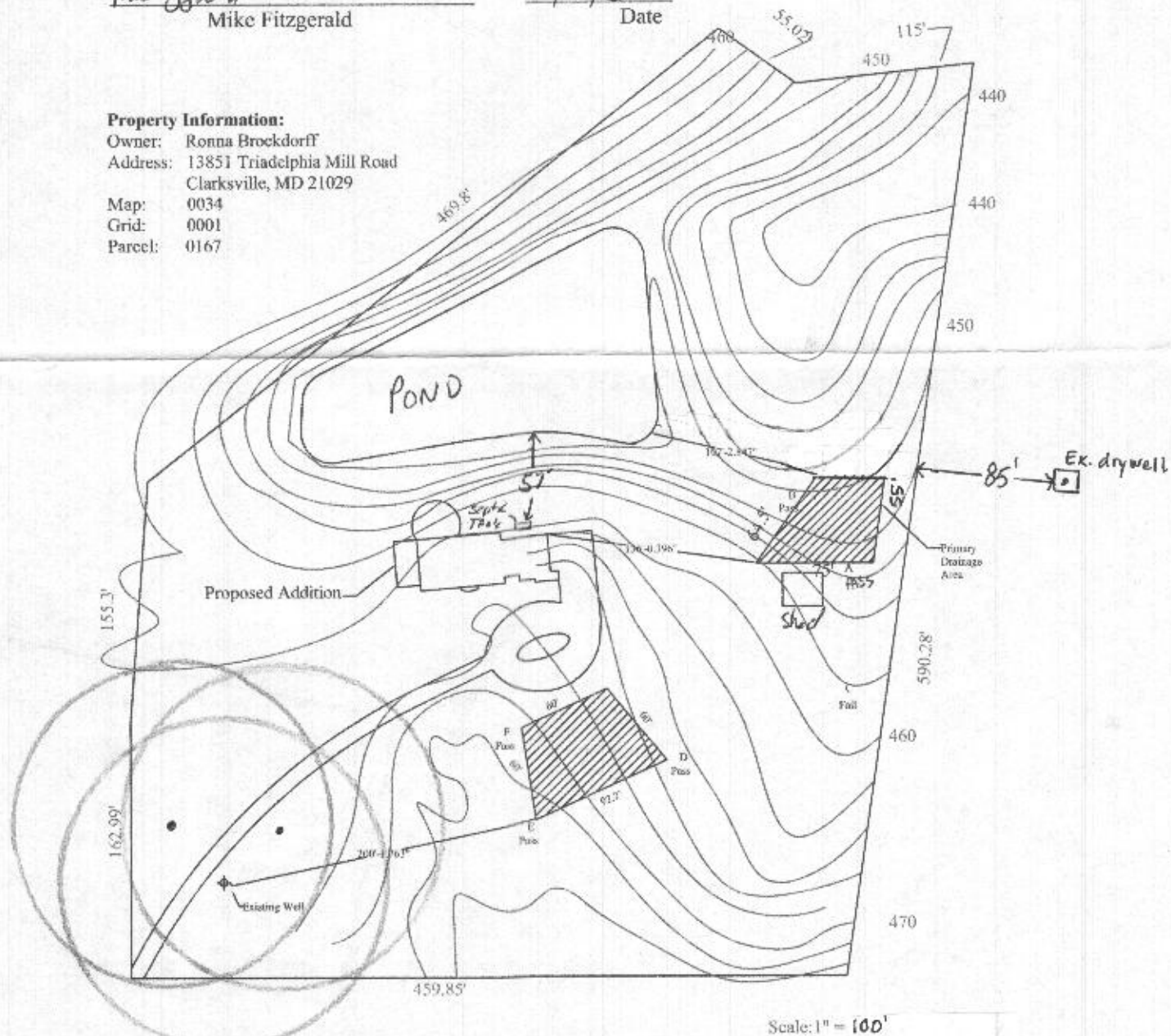
I certify that the information shown is based in field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief

*Mike Fitzgerald*  
Mike Fitzgerald

8/21/13  
Date

**Property Information:**

Owner: Ronna Brockdorff  
Address: 13851 Triadelphia Mill Road  
Clarksville, MD 21029  
Map: 0034  
Grid: 0001  
Parcel: 0167



Approved for private water and private Sewage Systems

By W. J. Maura Rogerson 9/20/2013  
Health Officer, Howard County Health Department Date 1700

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OLD LINE  
BUILDERS  
MHIC #73293

NAME:	Brockdorff
TITLE:	Perc Cert
DRAWN BY:	M Fitzgerald
DATE:	8/21/13