



# HOWARD COUNTY HEALTH DEPARTMENT

30247

DATE  
11 / 21 / 08

45

Received  
From

Charles + Elizabeth Mango Lillo

PHONE #

301.829.0958



CASH



CHECK

NO. W

8250

For

Phc App. Lot 6 Nursery View  
737 West Whiteville Rd.

five hundred and six dollars

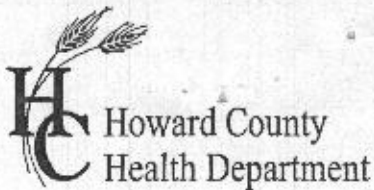
Dollars

\$

500.00

Received By

[Signature]



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

AP 530247

AGENCY REVIEW: \_\_\_\_\_

DATE 11/21/03

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

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 \_\_\_\_\_ 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) Charles and Elizabeth Manzoillo

DAYTIME PHONE 301-829-0958 CELL 240 394-0076 FAX \_\_\_\_\_

MAILING ADDRESS 737 West Watersville Rd Mount Airy MD 21771  
STREET CITY/TOWN STATE ZIP

APPLICANT \_\_\_\_\_

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME LOT 6 Nursery View LOT NO. \_\_\_\_\_

PROPERTY ADDRESS 737 West Watersville Rd Mount Airy, MD 21771  
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.

Elizabeth B. Manzoillo  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P

#1

B-SB SL 2'

RBr-SCL

Stoney  
SapHeavy Sap 4 1/2'  
Cutting w/ clay

SCL RIB

Platty Sap 7'

RBr. L+B-SL

20-35%  
Rak

13 1/2'

#3

Br-SB SL 2'

Rd Br-SCL

Stoney  
Sap 4 1/2'Sap Rd Br  
↓ covered  
w/ Clay Cutting  
SCL

7'

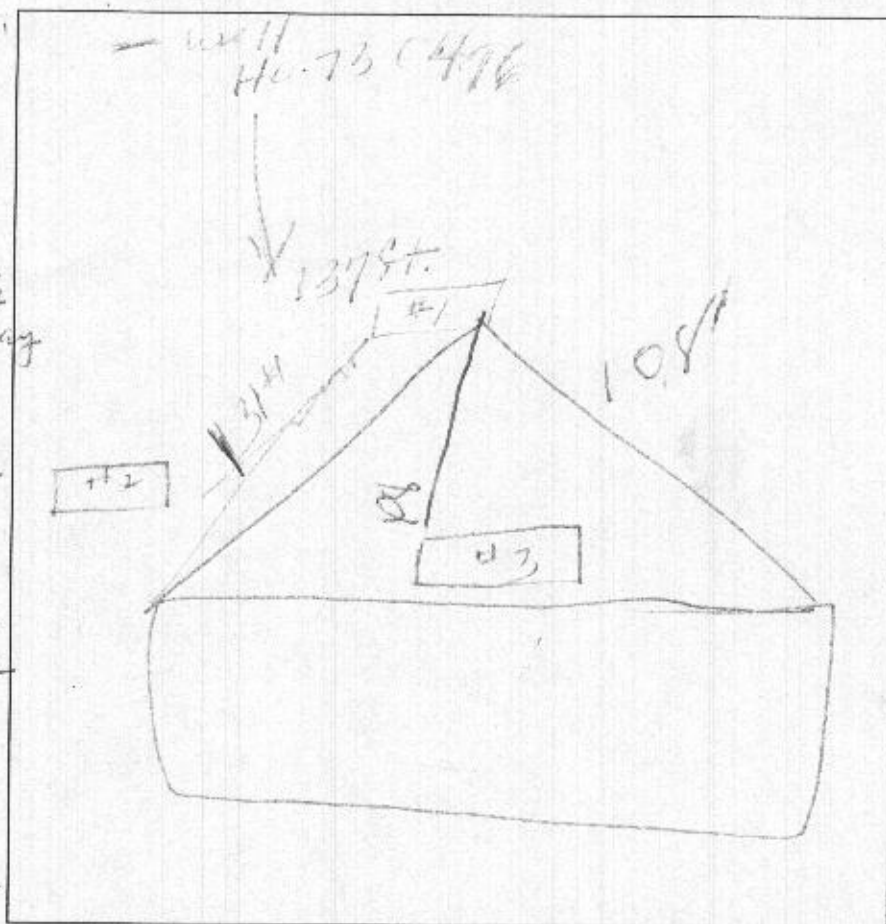
Rd Br L+B SL

20-30% Rak

Heavy Sap.

Larg. stony.

13'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12-23	1	13 1/2' / 58'		33 min	stop		F
		7 ft. 0		15 min	30 min	16 min	P
	#2	Sara					
	#3	13 1/2' / 1 pm	1:14 pm			1:28 P	

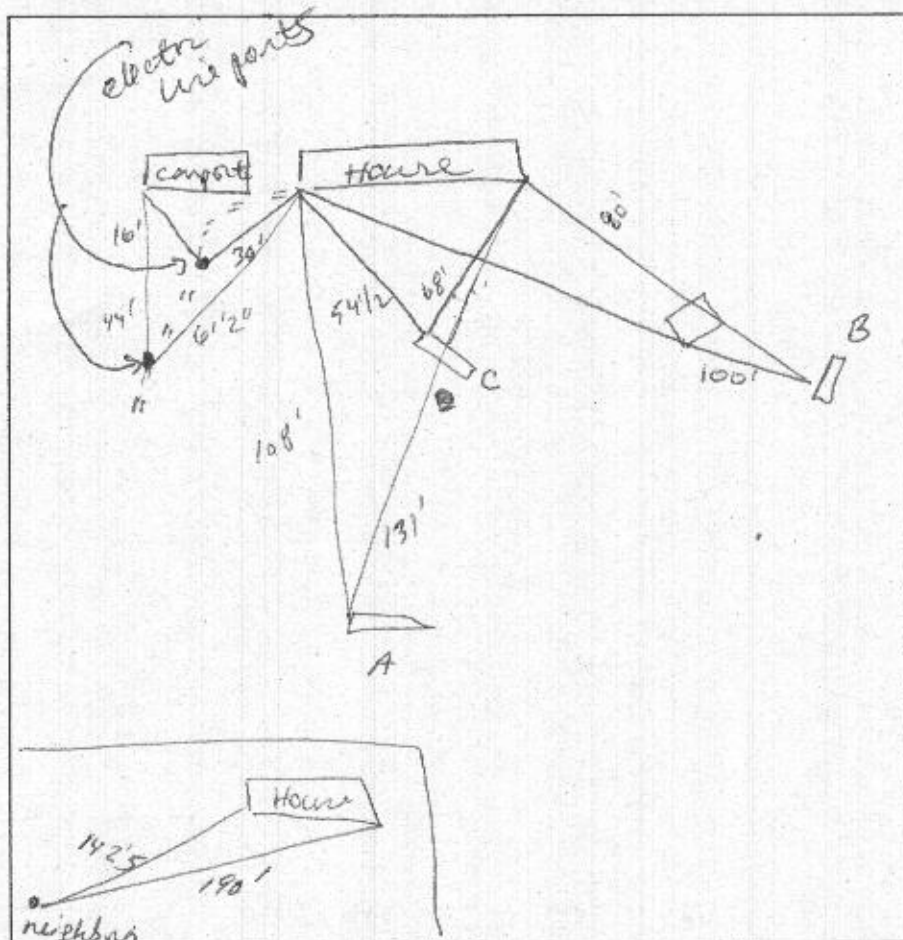
REMARKS \_\_\_\_\_

SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_





DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/22/08	B	5'8" 13'	11:09	11:27			
		7'5	11:35	11:39	11:47	8	P
	C	13'					

REMARKS #B has no sidewalk

SANITARIAN SS/DB

BACKHOE

Fogles

OTHERS

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE S/W

C  
dk brn & sbk  
red  
sick  
dense 25%  
chert  
squelite  
4'5' wk brn/  
pale red/  
brown yellow  
med se  
40% clammy  
flaggy  
13' Squelite

B

dk brn  
& sbkbrn  
sick sbk

dense

10-15% chert  
squelite

2 1/2' red

dense sick/  
heavy sick10-15% chert  
squelite

4' wk brn/pale red

med se 35%  
clammed

5'5' brn yellow/wk brn

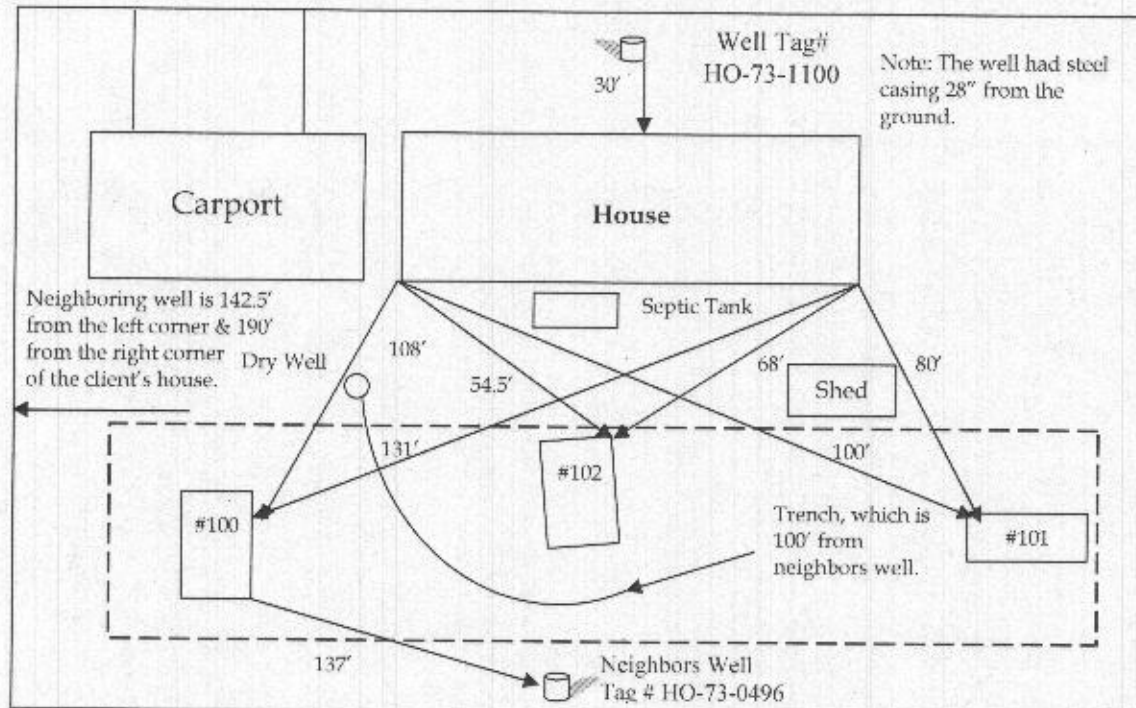
med se 35%  
clammed13' 35% flaggy/clammed  
squelite

A/P# A530247

## Perc Information- Manzolillo

#100

Dk. Brn L sbk  
-----2'  
Red-Brn SCL  
Small Stones  
-----4'  
Red-Brown,  
Med.SL  
Hvy.Saprolite  
-----7'  
Red Brown  
Lt. Brn SL  
20-30%  
Platty Sap.



#101

Dk. Brn L sbk  
-----7"  
Brown SiCl  
sbk ,Dense  
10-15 %  
Heavy Sap.  
-----2.5'  
Red Dense  
SiCl/  
Heavy SiL  
-----4'  
Wk Br-P Red  
Md. SL 35%  
Chan.,Flaggs,  
Cem. Sap.  
-----5.5'  
Br YL, Wk  
Cem. SL 35%  
Flags, Chan.  
Saprolite  
-----13'

#102

Dk. Brn Loam  
sbk  
-----1'  
Dense Red  
SiCl  
25% Heavy  
Saprolite  
-----4.5'  
Weak Brown,  
Pale Red  
Brown Yel  
Med. SL  
↓  
40%  
Channery  
Flaggy  
Saprolite  
-----13'

Date	Test #	Depth	Start	Break Stop 1" Drop	Break Stop 2" Drop	Time of 2nd Inch	P/F/H
12-23 2008	100	5'.8"/13.5'	10:00	10:33	Stop		
		7'	10:40	10:55	11:11	16 min.	Pass
12-23 2008	101	5'.8"/13'	11:09	11:27	Stop		
		7'.5"	11:35	11:39	11:47	8 min.	Pass
12-23 2008	102	7'/13"	1:00	1:10	1:28	18 min.	Pass

Remarks

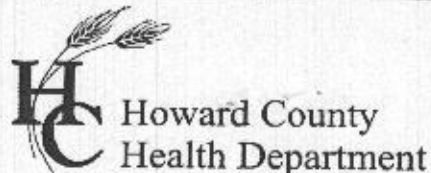
Sanitarian DB and SS Backhoe Foggles Others Mr. Manzolillo

Test Holes Used in SDA Yes Avg. Perc Time 15 min. SQ.FT/BR

Trench Width 2 Inlet Depth 5 Max Bot.Depth 8 Effective S/W

$$\frac{3 \times 150}{.8} = \frac{562.5}{2} = 281 \times .8 = 225$$

$$\frac{3 \times 150}{.8} = \frac{562.5}{3} = 187.5 \times .83 = 155.6$$



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

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

December 30, 2008

RE: **Percolation Test Results**

Purpose: Establish Septic Reserved Area

Property ID: 737 W. Watersville Road  
Mount Airy, Maryland 21771  
Tax Map: 2, Parcel #109

Dear Mr. and Mrs. Manzolillo:

Percolation testing was recently conducted December 23, 2008 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 Worksheets enclosed with this letter. A functional existing septic system was discovered in the rear of the house with no reserve area available for repairs. A new reserve area was established, but not yet determined if 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](mailto:DBernard@howardcountymd.gov)

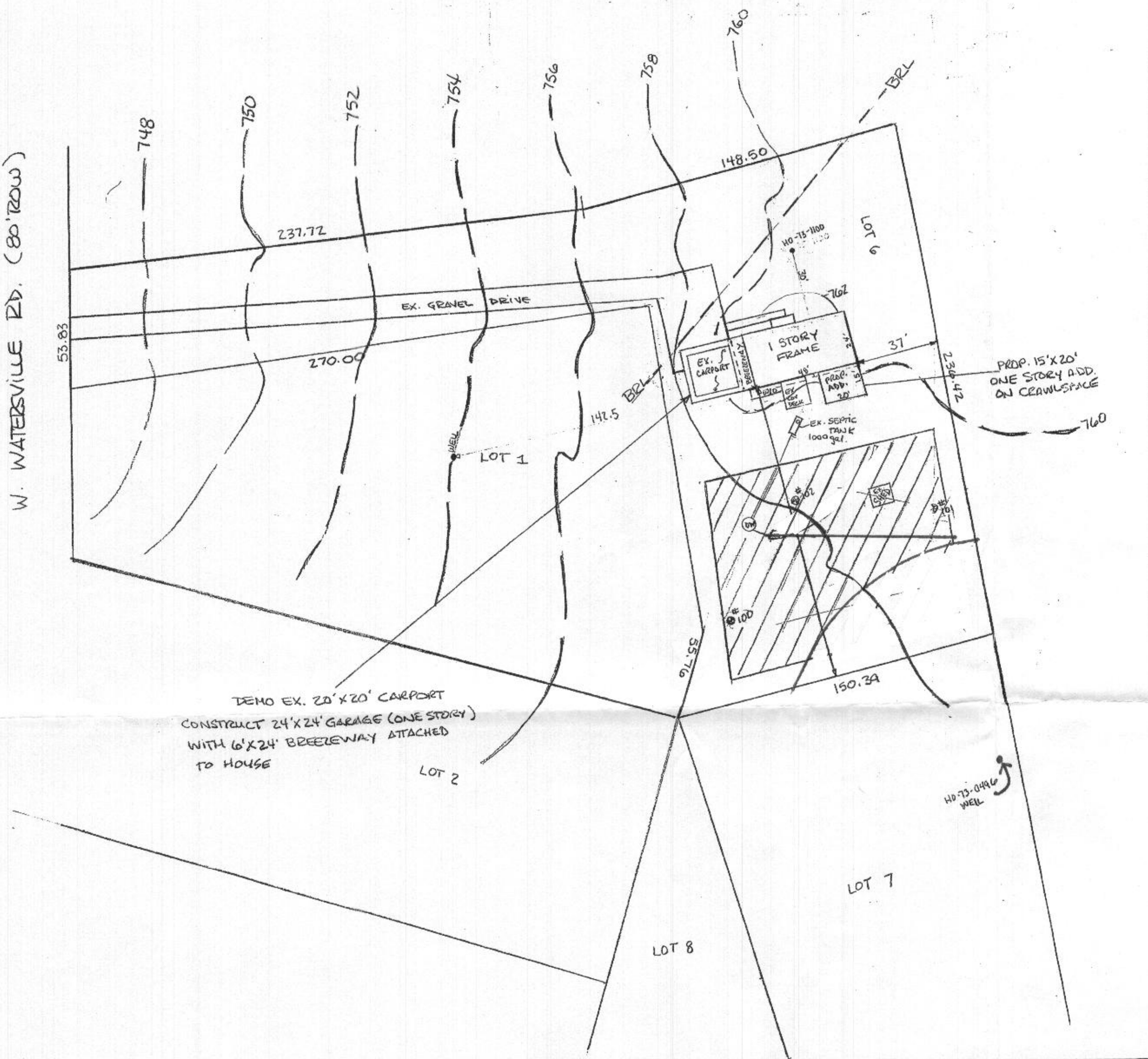
DLB

Enclosure

cc: Well & Septic program file



W. WATERSVILLE RD. (80' ROW)



# NURSERY VIEW

Section One  
4<sup>th</sup> Election District  
20 December 1971

Howard County Md.  
Scale 1"=40'

Owners Charles Manzolillo / Elizabeth Manzolillo

737 W. Waterville Road Mount Airy, Md. 21771

## LEGEND

PROPERTY LINE —————  
BUILDING RESTRICTION LINE (BRL) - - - - -  
PASSED PERC LOCATION \*  
TOPOGRAPHY LINE ~~~~~  
EX. DRY WELL ☉  
WELL •

## General Notes

1. 737 West Watersville Road, Mount Airy, Maryland 21771 Howard County Recorded as: Lot 6 0.985 Acres, S1, 737 W. Watersville Rd. Nursery View, Map-2, Grid-19, Parcel-109, Sec-, Block-, Lot-6, Dist/Ward 04, Plat 22/93, As Recorded With Howard County Land Records.
2. By: Charles Michael Manzolillo & Elizabeth Bruyette Manzolillo of primary address 737 West Watersville Road, Mount Airy, Maryland 21771 Phone 301-829-0958 Owners & Prepared by.
3. The planners have showed the topography at two-foot intervals.
4. The lot was created & surveyed December 23, 1971. The lot was signed & filed by Howard County Authorities & regulators all by March 30, 1972.
5. Any changes to a private sewage easement shall require a revised percolation certification plan.
6. The topography of this plat is taken from Howard County, Maryland records G 15 and is verified to accurately represent the relative changes on the subject property.
7. All wells & septic systems located within 100' of the property boundaries and 200' down gradient of any wells and/or septic systems have been shown.
8. Certification of compliance with MDE ownership width and lot area requirements for lots created after 1985.
9. The lot(s) shown hereon complies/comply with the minimum ownership width and lot area as required by the Maryland Department of Environment.
10. 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 sewage systems. The county grant adjustments to the private sewage disposal area"
11. "I certify that the information shown hereon is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and Health Officer Signature block."

## OWNER SIGNATURES

Charles Manzolillo July 7 2009

Elizabeth Manzolillo 7/7/09

12. "Approved For Private Water and Private Sewerage Systems"  
 8/12/2008  
Health Officer, Howard County Health. Dept. Date