

Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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

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

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

1559812

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME C14FOLO Property - Parcel

PROPERTY ADDRESS Woodbine Rd. Woodbine 21797
STREET TOWN ZIP

TAX ACCOUNT # 2196181 TAX MAP 0012 GRID 0024 PARCELO4-31184 LOT NO. 3 PROPOSED LOT SIZE (ACRES)

ZONING CATEGORY TIER

PROPERTY OWNER(S) Tom Allnutt

DAYTIME PHONE CELL EMAIL

MAILING ADDRESS 5121 Griffith Rd Laytonsville MD 20882
STREET CITY, STATE ZIP

APPLICANT Bill Ingram RELATIONSHIP TO OWNER:

DAYTIME PHONE 410-442-2139 CELL 410-984-0189 EMAIL Farmhomeex at verizon.net

MAILING ADDRESS 901 Driver Rd Marriottsville MD 21104
STREET CITY, STATE ZIP

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

PROPERTY:

- ☐ SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: SUBDIVISION CLASSIFICATION (PER DEPT. OF PLANNING AND ZONING) ☐ MAJOR ☐ MINOR
- ☐ CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
- ☐ REPAIR OR REPLACE FAILING OSDS
- ☒ UPGRADE EXISTING OSDS

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)

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.

Bill Ingram

SIGNATURE OF APPLICANT

8/28/16

DATE

Fill out in triplicate.
Make \$30.00 check payable:
Howard County Health Dept. - Sanitation

APPLICATION

A 25877

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 4

DATE 5/16/77

TO THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ✓ JOSEPH G. CIUFFOLO & AVON P. CIUFFOLO

ADDRESS ✓ 3606 ROUTE 94, WOODBINE, MD. 21797 PHONE ✓ 253-5951

PROPERTY LOCATION:

SUBDIVISION ✓ LOT NO. ✓

ROAD AND DESCRIPTION directions ✓ 1.9 mi. S.W. OF FLORENCE OFF ROUTE 94 -

3606 ON MAIL BOX POST - BLACK TOP ROAD LEADS TO. PROPERTY

SIZE OF LOT ✓ 3 ACRES Tax Map 12, Parcel 36 TYPE BLDG. ✓ 3 BEDROOM
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Joseph G. Ciuffolo

APPROVED BY DJO'Neill FOR Dw + Trms DATE 11/21/77
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

APPLICATION

A 25877

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P O BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 4

DATE 5/16/77

TO THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER JOSEPH G. CIUFOLO & AVON P. CIUFOLO

ADDRESS 3606 ROUTE 94, WOODBINE, MD. 21797 PHONE 253-5951

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION DIRECTIONS 1.9 mi. SW OF FLORENCE OFF ROUTE # 94 - # 3606
ON MAIL BOX POST - BLACK TOP ROAD LEADS TO PROPERTY

SIZE OF LOT 3 ACRES - BLACK TOP ROAD TYPE BLDG. 3 BEDROOM
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Joseph G. Ciufolo

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

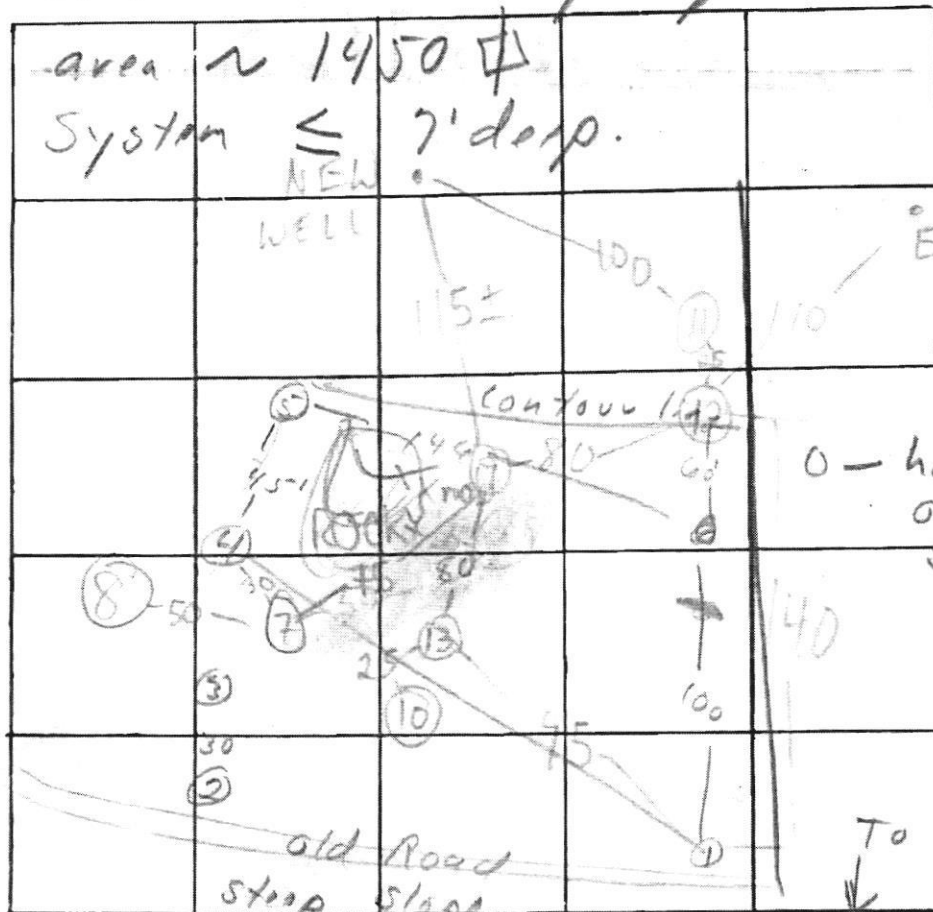
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Soil ~ 2-10' deep aqu

area ~ 1450 ϕ
System $\leq$ 7' deep.



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/30/74	7 V	10	20-25%	frags	3'	clay	OK
	8 V	8 1/2	SEMI-HARD	ROT			FAIL
	9 V	10-2	OK	25%	frags	3' clay	OK
	10 V	5 1/2	ROCK	REFUSAL			FAIL
	11 V	5' 9"	ROCK	REFUSAL			FAIL
	12 V	11' 4"	OK				
	1 V	10	REDIG OF	1977	HOLE		OK
	13 V	10	25-40%	frags			OK

NOT USED

REMARKS

USE (1)-(9)-(12)-(13)

TYPE OF SOIL

TESTED BY

M. Ripkin

ALSO PRESENT:

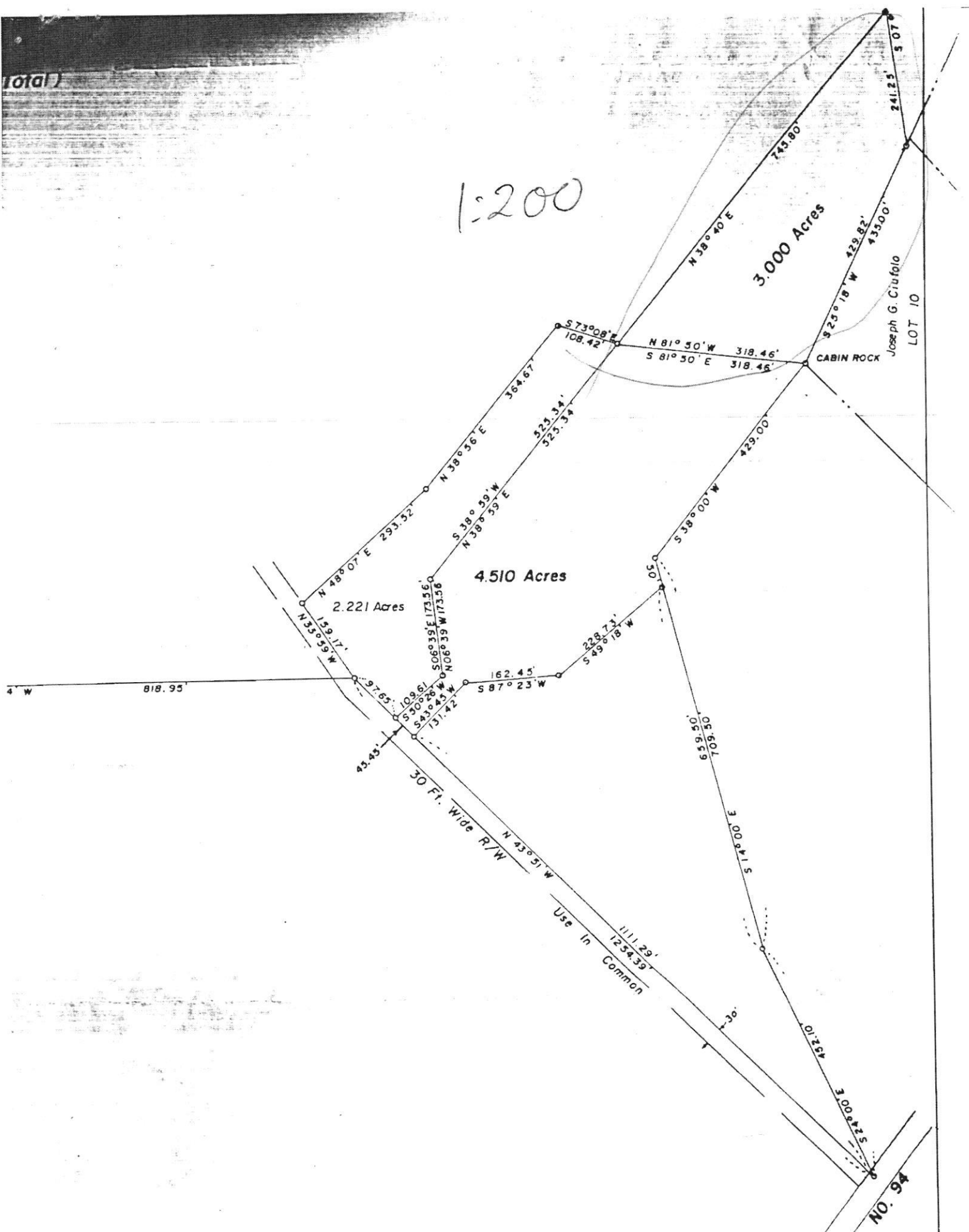
160
45
205
100
140
150
145

(12)

0.5
100
3-4 c/min
105
67
15-20%
frags

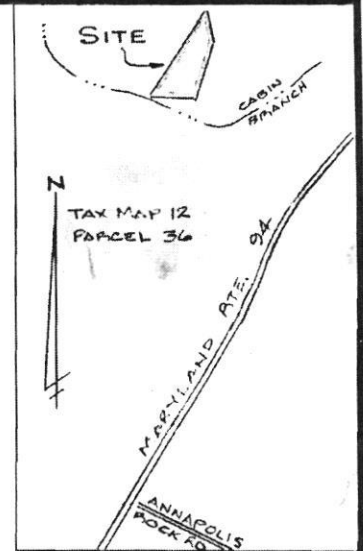
11

1:200



SOIL TYPES

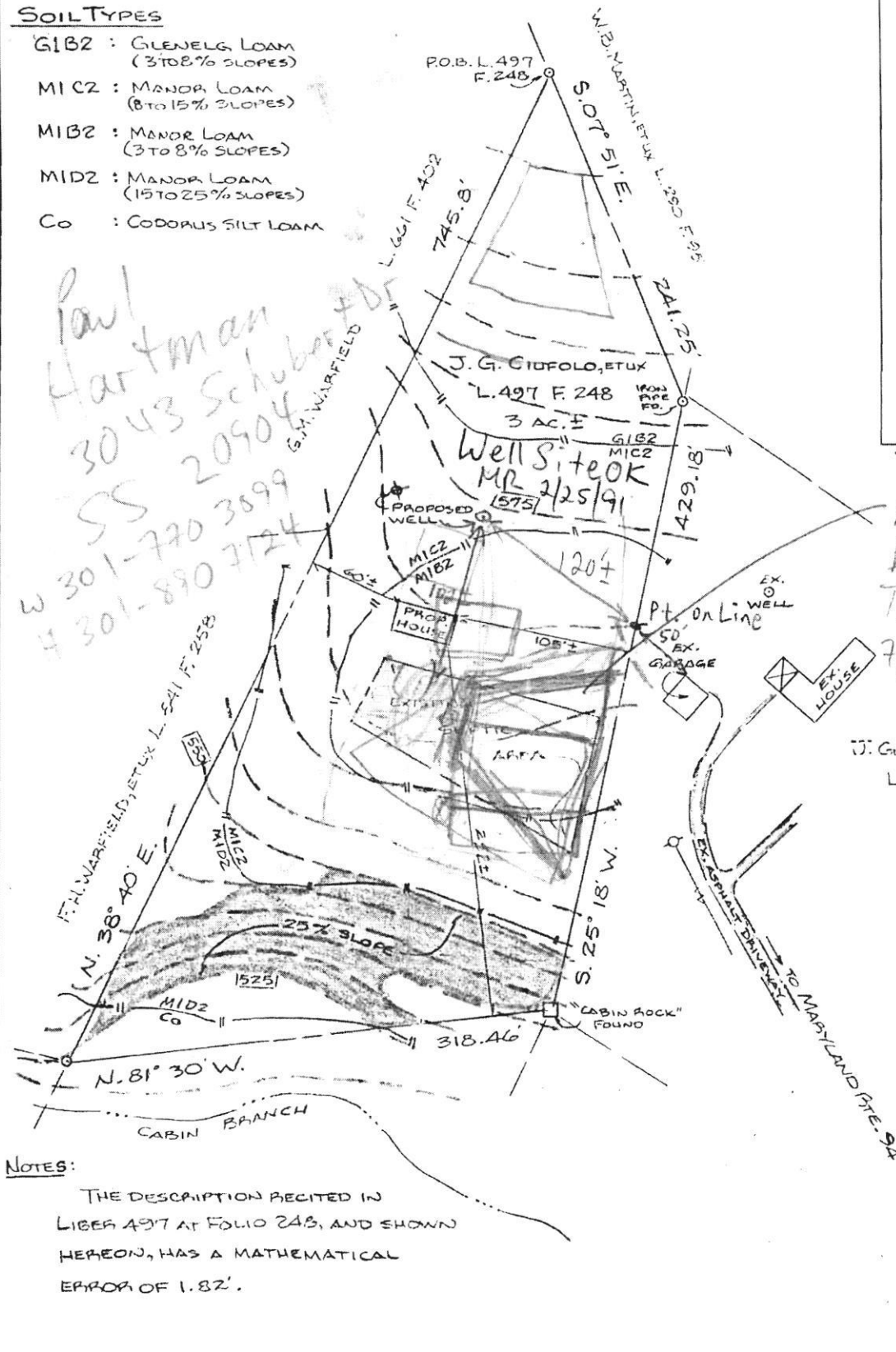
- G1B2 : GLENELG LOAM (3 TO 8% SLOPES)
- MIC2 : MANOR LOAM (8 TO 15% SLOPES)
- MIB2 : MANOR LOAM (3 TO 8% SLOPES)
- MID2 : MANOR LOAM (15 TO 25% SLOPES)
- Co : CODORUS SILT LOAM



VICINITY MAP 1" = 1200'

PERC AREA EST'D 6/30/94
T/C TO HARTMAN 7/7/94 FOR PERC CERT MR

J. G. CIUFOLO, ET UX
L. 447 F. 73



NOTES:

THE DESCRIPTION RECITED IN LIBER 497 AT FOLIO 248, AND SHOWN HEREON, HAS A MATHEMATICAL ERROR OF 1.82'.



2/04/91

PLOT PLAN
LAND CONVEYED TO
JOS. G. & AVON P. CIUFOLO
LIBER 497 FOLIO 248
SITUATE ALONG MARYLAND RTE. 94
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
Scale: 1" = 100' Date: Jan., 1991

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.



VANMAR ASSOCIATES INC.
Engineers • Surveyors • Planners
310 South Main Street, Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015

REFERENCE	JOB NO.
LIBER 497 FOLIO 248	91-2740



CINFOLO
PROPERTY
HERE

R.R. SPIKE IN TOP
CABIN ROCK

N. 25° 18' E.

435.00'

EX. WELL

ADJ.
HOUSE

CONTRACTOR TO CONNECT
TO DRIVEWAY BY OTHERS
ADJUST AS NECESSARY

79.00'

SEE C
THIS

189.00'

920.12' TO ROAD A

S. 41° 19' E.

1109.12'

BRIDGE BY
OTHERS

S. 43° 25' E.

10' WIDE GRAVEL DRIVE BY OTHERS

941.40'

271.46'

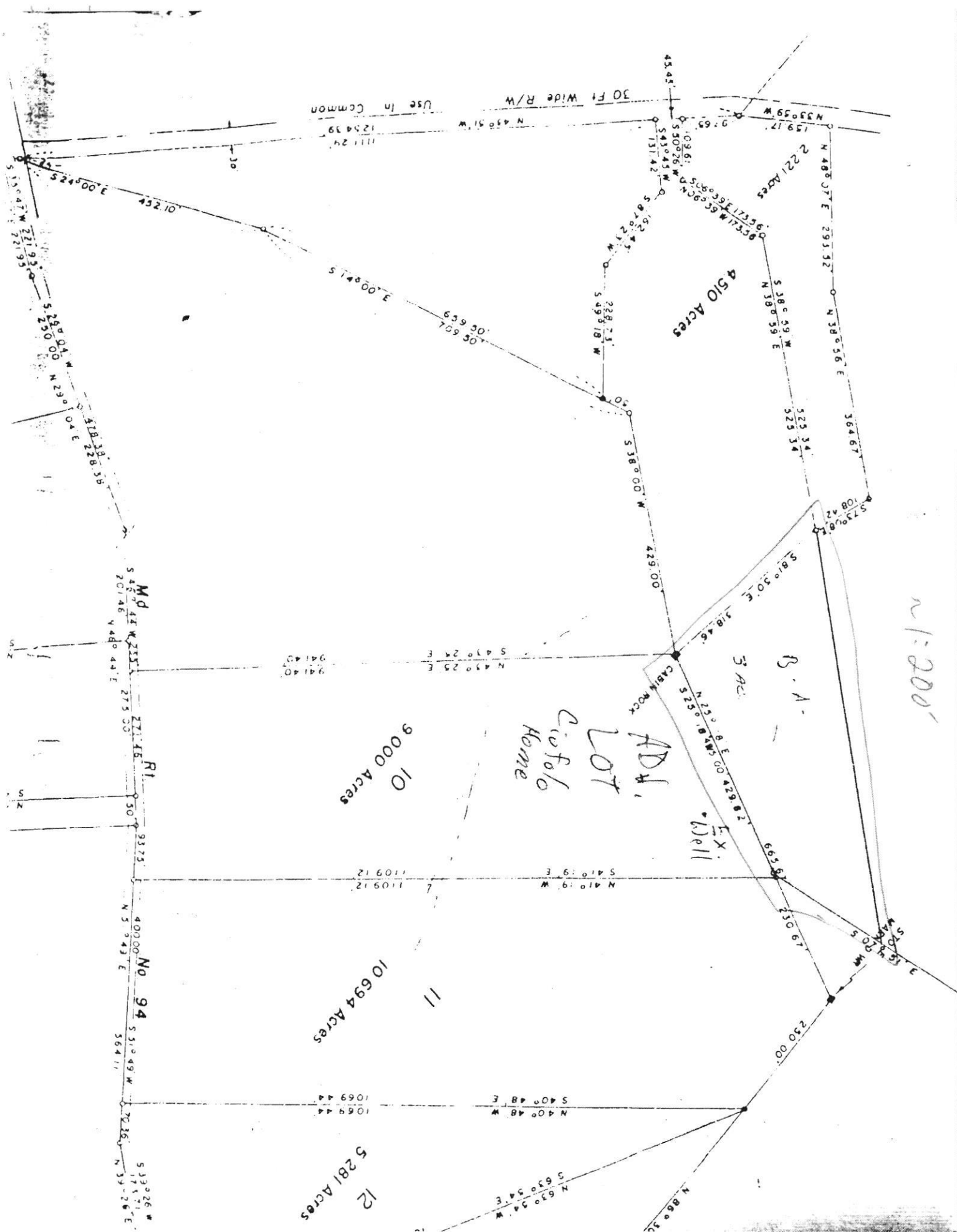
N. 46° 44' E

93.75'

N. 51° 49' E.

MD. ROUTE NO. 94
(ANNAPOLIS ROCK ROAD)

S
10
I
T
E
P
L
A
N



Oswald, Hank

From: Bill <farmhomeex@verizon.net>
Sent: Monday, December 12, 2016 11:46 AM
To: Oswald, Hank
Subject: Re: Perc Test_Woodbine Road_Map 12 Parcel 36

Hank,

Yes good to go Wednesday.
Yes turn at 3606 come across bridge up the hill.

Thanks
Bill

Sent from my Verizon Wireless 4G LTE DROID

"Oswald, Hank" <hoswald@howardcountymd.gov> wrote:

Hi Bill

I just wanted to confirm that we are still on for Wednesday. What's the best way to access this property, through 3606 WOODBINE RD?

Thanks,

Hank

From: Bill [<mailto:farmhomeex@verizon.net>]
Sent: Thursday, November 17, 2016 10:58 AM
To: Oswald, Hank
Subject: Re: Perc Test_Woodbine Road_Map 12 Parcel 36

Ok the 14th is good

Sent from my Verizon Wireless 4G LTE DROID

"Oswald, Hank" <hoswald@howardcountymd.gov> wrote:

Can we make it the 14th ? I have a training on the 13th. Sorry

From: Bill [<mailto:farmhomeex@verizon.net>]

Sent: Wednesday, November 16, 2016 10:47 PM

To: Oswald, Hank

Subject: Re: Perc Test_Woodbine Road_Map 12 Parcel 36

December 13 is good.

Thanks

Bill

Sent from my Verizon Wireless 4G LTE DROID

"Oswald, Hank" <hoswald@howardcountymd.gov> wrote:

13th , 14th , or 15th?

From: Bill [<mailto:farmhomeex@verizon.net>]

Sent: Wednesday, November 16, 2016 9:53 AM

To: Oswald, Hank

Subject: Re: Perc Test_Woodbine Road_Map 12 Parcel 36

Anything after December 4 is good for me.

Sent from my Verizon Wireless 4G LTE DROID

"Oswald, Hank" <hoswald@howardcountymd.gov> wrote:

Hi Bill:

How about Thursday December 1st?

Hank

From: Bill [<mailto:farmhomeex@verizon.net>]
Sent: Wednesday, November 16, 2016 6:12 AM
To: Oswald, Hank
Subject: Re: Perc Test_Woodbine Road_Map 12 Parcel 36

Hank

I will have to cancel perc test for tomorrow. Have emergency job come up. See what you have after December 4.

Thanks Bill

Sent from my Verizon Wireless 4G LTE DROID

"Oswald, Hank" <hoswald@howardcountymd.gov> wrote:

Hi Bill Ingram:

I'm contacting you to schedule a perc test date for the property located on Map 12 Parcel 36, Woodbine Road, Woodbine, MD. Please choose from one of the following dates:

November 16 or 17th

(8:30 a.m.)

Please note, we will need a backhoe capable of digging a hole to a depth of 12 feet. Also, all proposed perc test holes must be properly staked prior to testing.

Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.

Howard County Health Department

Bureau of Environmental Health

Well & Septic Program

8930 Stanford Boulevard

Columbia, MD 21045

410.313.1786 (Office)

410.313.2648 (Fax)

Oswald, Hank

From: Oswald, Hank
Sent: Wednesday, November 09, 2016 9:13 AM
To: 'farmhomeex@verizon.net'
Subject: Perc Test_Woodbine Road_Map 12 Parcel 36

Hi Bill Ingram:

3606 Woodbine Rd

I'm contacting you to schedule a perc test date for the property located on Map 12 Parcel 36, Woodbine Road, Woodbine, MD. Please choose from one of the following dates:

November 16 or 17th
(8:30 a.m.)

Please note, we will need a backhoe capable of digging a hole to a depth of 12 feet. Also, all proposed perc test holes must be properly staked prior to testing.

Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
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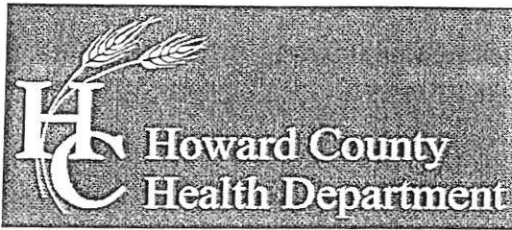
Real Property Data Search (w3)

Guide to searching the database

Search Result for HOWARD COUNTY

View Map		View GroundRent Redemption				View GroundRent Registration			
Account Identifier:		District - 04 Account Number - 311442							
Owner Information									
Owner Name:		REYNOLDS STEVEN B REYNOLDS JILL C				Use: Principal Residence:		RESIDENTIAL YES	
Mailing Address:		3606 WOODBINE RD WOODBINE MD 21797-				Deed Reference:		/15024/ 00245	
Location & Structure Information									
Premises Address:		3606 WOODBINE RD WOODBINE 21797-0000				Legal Description:		9 ACRES 3606 WOODBINE RD OF FLORENCE	
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0012	0024	0033		0000				2017	Plat Ref:
Special Tax Areas:					Town: Ad Valorem: Tax Class:		NONE 100		
Primary Structure Built 1968		Above Grade Enclosed Area 1,376 SF			Finished Basement Area 1032 SF		Property Land Area 9.0000 AC		County Use
Stories Split Foyer	Basement YES	Type SPLIT FOYER	Exterior BRICK	Full/Half Bath 2 full/ 1 half	Garage 1Det/1Carport	Last Major Renovation			
Value Information									
			Base Value	Value As of 01/01/2014	Phase-in Assessments As of 07/01/2016 As of 07/01/2017				
Land:			265,000	265,000					
Improvements			193,500	193,500					
Total:			458,500	458,500	458,500				
Preferential Land:			0						
Transfer Information									
Seller: MEISSNER WILLIAM C Type: ARMS LENGTH IMPROVED				Date: 06/26/2013 Deed1: /15024/ 00245			Price: \$483,000 Deed2:		
Seller: CIUFOLO JOANN A Type: NON-ARMS LENGTH OTHER				Date: 09/18/2012 Deed1: /14301/ 00111			Price: \$341,000 Deed2:		
Seller: Type:				Date: Deed1: /00447/ 00073			Price: \$0 Deed2:		
Exemption Information									
Partial Exempt Assessments:		Class	07/01/2016				07/01/2017		
County:		000	0.00						
State:		000	0.00						
Municipal:		000	0.00				0.00		
Tax Exempt:		Special Tax Recapture:							
Exempt Class:		NONE							
Homestead Application Information									
Homestead Application Status: No Application									

1. This screen allows you to search the Real Property database and display property records.
2. Click [here](#) for a glossary of terms.
3. Deleted accounts can only be selected by Property Account Identifier.
4. The following pages are for information purpose only. The data is not to be used for legal reports or documents. While we have confidence in the accuracy of these records, the Department makes no warranties, expressed or implied, regarding the information.



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

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: Woodbine Road map. 12 P. 36

Subdivision: Ailnutt Property Lot:

Initial system: Application rate: 0.8 Effective area beginning depth: 4 Bottom maximum depth: 7

1st Replacement: Application rate: 0.8 Effective area beginning depth: 4 Bottom maximum depth: 7

2nd Replacement: Application rate: 1.2 Effective area beginning depth: 3.5 Bottom maximum depth: 6

Design Flow = 150 gallons per day per bedroom

Design flow ÷ application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

$$\frac{W + 2}{W + 1 + 2D} \times 100 = \text{Percent of length of standard trench where } W = \text{trench width and } D = \text{depth between effective area beginning depth and trench bottom.}$$

Standard design requirements:

- All trenches must be equal length unless low pressure dosed
- All trenches must be on contour
- Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is $2D + W$ up to a maximum spacing of 18'.
- Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
- Maximum trench length is 100'
- Maximum pipe depth is 4'

Additional requirements:

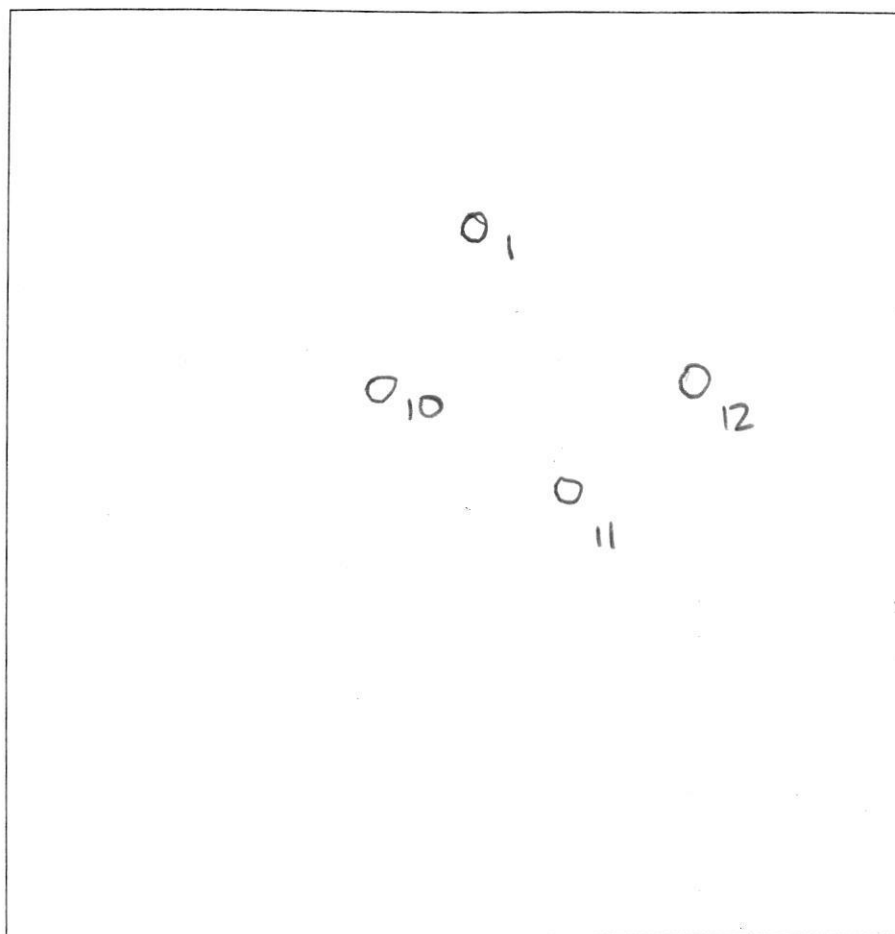
Show how (3) systems fit inside SDA on perc cert plan. Add note about bedroom limitations. Show calculations.

Approved: Hank Oswald Date: 6/20/17

7
5-6' - Or Red cl
shaly
40-50% rock
9' - Hard Bottom

8 & 13
4' - brl
Or Red scl
Or Br sl
5-10' rock
12' - dry

9
0.3' - brl
Or Red cl
5' - shale
>50%
8' - Hard Bottom



#10
3 1/2' - brl
Or Red cl
Or Br sl
~20% rock
9' - Hard Bottom

11
5' - brl
Or Red cl
shaly
8.5' - Hard Bottom

12
Similar to #11

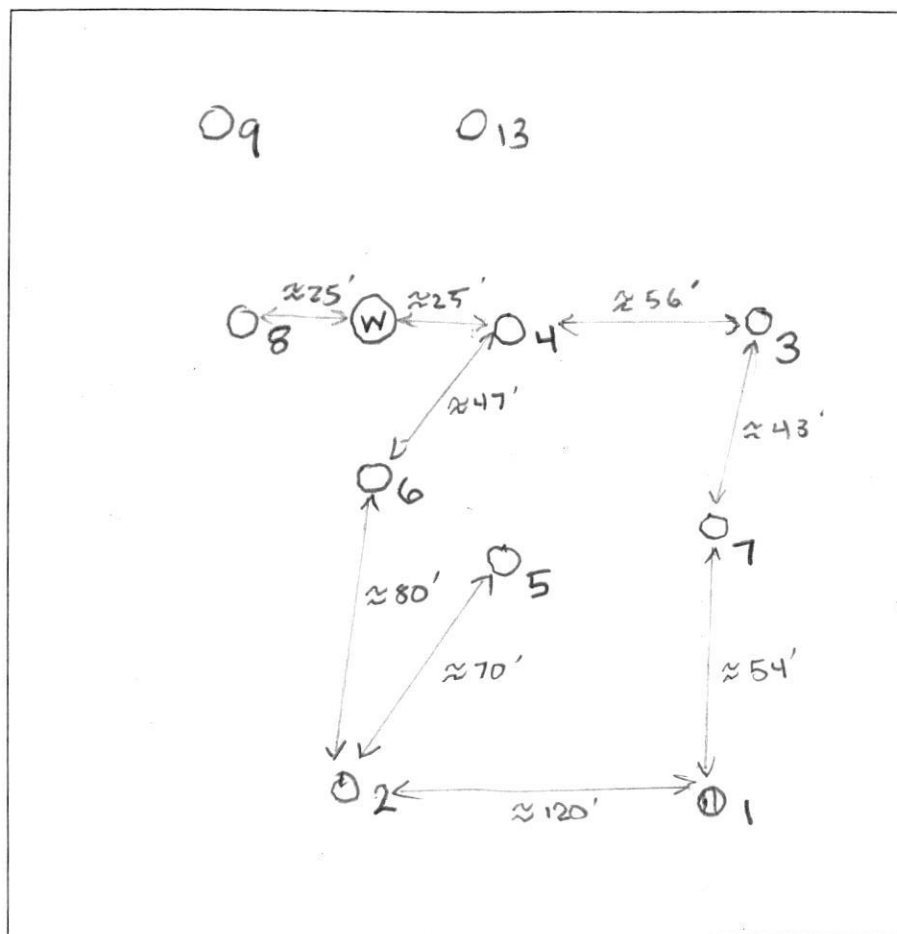
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/14/16	8	3/12	11:04	— Too Long —			F
reshelf	8	5/12	11:26	11:29	11:38	9	P
	13	observation similar to #8					P
	7	—	too much Rock		—		F
	9	—	Too much Rock		—		F
	10	—	Did not test		—		
	11	—	Too much Rock		—		F
	12	—	too much Rock		—		F

REMARKS _____
 SANITARIAN H. Oswald BACKHOE Bill Ingram OTHERS (owner) Tom Allnutt
 TEST HOLES USED IN SDA D. Bernard AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

#1
0.6' Br L
Or Red cl
5' shale
flaggy
8 1/2' > 50% rock
10' Hard Bottom

#2
0.5' Br L
Or Red cl
shaly
3 1/2' Rock Solid

#3
1.4' Br L
Or Red cl
2.5' Or Br sl
6.5' shaly
30% rock
10' Hard Bottom



#4
0.8' Br L
Or Red cl
2.5' Or Br sl
5' shaly
11' Hard Bottom

#5
0.5' Br L
Or Red cl
4' shale
30-40% rock
9' Hard Bottom

#6
0.4' Br L
Or Red cl
2'-3' Or Br sl
10.5' Hard Bottom

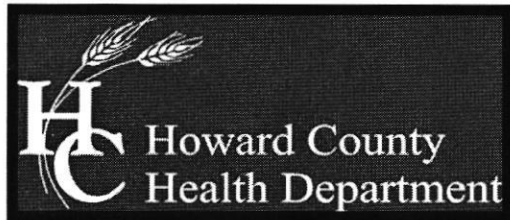
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/14/16	3	3/10	9:55	9:56	9:58	2	P
12/14/16	4	3/11	10:13	10:18	10:27	9	P
12/14/16	6	3 1/2 / 10 1/2	10:42	10:44	10:49	5	P
12/14/16	1	—	Too	Much	Rock	—	F
12/14/16	2	—	Too	much	Rock	—	F
12/14/16	5	—	Too	much	Rock	—	F

REMARKS

SANITARIAN H. Oswald BACKHOE Bill Ingram OTHERS Tom Ailnutt
TEST HOLES USED IN SDA D. Bernard AVG. PERC TIME (owner) SQ. FT/BR

TRENCH WIDTH INLET DEPTH MAX. BOT DEPTH EFFECTIVE SW

Thomas Ailnutt @ yphoo.com



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

MEMORANDUM

TO: Scott Shanaberger
Shanaberger and Lane

FROM: Jeff Williams
Program Supervisor, Well & Septic Program

RE: Allnutt Property Perc Certification Plan

DATE: July 19, 2017

I have reviewed the perc certification plan submitted on July 5, 2017 and have the following comments for revision:

1. The neighboring well on Parcel 33 must be field located and identified as such on the plan. If the location differs from the current displayed location, the sewage disposal area on the subject parcel may need to be altered to maintain setbacks. The location shown on the current version is just outside of being considered downgrade of the proposed sewage disposal area.
2. Add a note to the plan stating that the existing well inside the proposed sewage disposal area must be properly abandoned and sealed by a licensed well driller. The driller must coordinate with the Health Department prior to abandonment so that the Health Department may be present onsite to oversee the abandonment. An abandonment report must be submitted to the Health Department for review. The sewage disposal area will not be approved for use and the Health Department will not approve a building permit until this occurs.
3. Add a note stating that a well must be drilled with completion report submitted to the Health Department and approved prior to Health approval of a building permit.
4. The proposed arrangement of trenches within each system is not compatible with the specs given on the spec sheet. Test Hole 3 hit a hard bottom at 10.5 feet and hole 6 hit a hard bottom at 10 feet. This was reflected on the spec sheet for the 2nd replacement system; however the proposed design shows a trench for the 1st replacement system by hole 6. Any trench in those areas must have a trench bottom no deeper than 6.5 and 6 feet, respectively. Trench design calculations must be based on those restrictions.

Williams, Jeffrey

From: Williams, Jeffrey
Sent: Wednesday, July 19, 2017 12:38 PM
To: Shanaberger & Lane (home@shanlane.com)
Subject: Allnutt property perc cert
Attachments: allnutt property pc memo 7.19.pdf

Hello. Hank sent a perc cert up for signature and I found a few items for revision. He's off this week, so I am handling the response. See the attached memo. Thanks

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

Oswald, Hank

From: Oswald, Hank
Sent: Tuesday, June 20, 2017 10:58 AM
To: home@shanlane.com
Subject: Perc Cert Plan_Comments_Allnutt Property
Attachments: Septic Specs_Allnutt Property.pdf; Allnutt PCPlan.pdf

Hi Scott:

The perc cert plan for the Allnutt Property has been reviewed with the following comments:

- 1.) A portion of the sewage disposal area by hole #3 is considered up-gradient of the neighbors well and therefore cannot be used (see attachment). Additionally, the area within a 10 foot radius around the existing well to be abandoned cannot be used.
- 2.) Revise perc cert to show how 3 systems fit within the SDA. Show calculations on plan.
- 3.) Add note about bedroom limitations.

Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
410.313.2648 (Fax)

Oswald, Hank

From: Oswald, Hank
Sent: Monday, December 19, 2016 10:40 AM
To: 'thomasallnutt@yahoo.com'; farmhomeex@verizon.net
Subject: Perc Test Results_Woodbine Road
Attachments: Perc Test Report_Woodbine Road_12.15.16.pdf; Perc Test Notes_Woodbine Road.pdf; WS_Woodbine_3606_PercApp-1977.pdf; WS_Woodbine_3606_Well-88-1673.pdf

Mr. Allnutt and Bill:

Attached, you will find the perc test notes and result letter for Woodbine Road (Map. 12, Parcel 36).

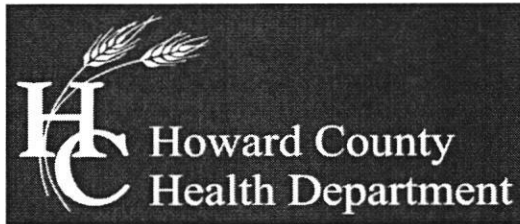
Also, I did end up finding the perc test results conducted in 1994 but no perc cert plan solidifying the test hole locations. Unless you or the previous engineer is able to produce such a document, these results cannot be used.

Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.
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Bureau of Environmental Health

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

December 19, 2016

To: Tom Allnutt (Owner/Applicant); Bill Ingram (Farm & Home Excavating)

Percolation Test Report; Woodbine Road, Woodbine, 21797

Percolation tests were conducted at Woodbine Road (Tax Map 12, Parcel 36) on December 14, 2016. Tests and profile descriptions were documented for 13 locations. Test holes 3, 4, 6, 8 and 13 passed while the rest of the test holes contained too much clay and/or rock.

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. Areas that may be included in the septic reserve area are represented by test locations having satisfactory soil condition. The area must be large enough to accommodate (2) systems for the planned residence.

The next step in the process is to have an engineer/consultant submit a percolation certification plan to confirm the design of the septic reserve area.

Should you have any questions regarding this evaluation, please contact me. I may be reached at (410) 313-1786 or by email hoswald@howardcountymd.gov

Respectfully,

Hank Oswald

Hank Oswald, L.E.H.S
Bureau of Environmental Health
Well & Septic Program

Attachment: Percolation Field Notes

SHANABERGER & LANE

Surveying

Land Planning

Construction Stakeout

8726 Town & Country Blvd., Suite 201
Ellicott City, Md. 21043
(410) 461-9563
fax: (410) 461-9693
home@shanlane.com

TRANSMITTAL

DATE: 6/14/2017

FROM: G. Scott Shanaberger

TO: Bureau of Environmental Health

PROJECT: Allnutt Property
Woodbine Road
Tax Map 12, grid 24, parcel 36

ATTENTION: Hank Oswald

PROJECT NO. our number 17-02

4
copies of Perc Certification Plat

Received _____

Date _____