

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

\$550 Sandmont

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

AP 529512

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

DATE 8/7/08

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 4 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) DAVID & ROSE EIDE ALTMAN

DAYTIME PHONE 410-442-5613 CELL 410-707-2104 FAX 410-442-1045

MAILING ADDRESS 1140 ROUTE 32 SYKESVILLE MD 21784  
STREET CITY/TOWN STATE ZIP

APPLICANT C & M LAND, LLC

DAYTIME PHONE 410-442-5613 CELL 410-707-2104 FAX 410-442-1045

MAILING ADDRESS P.O. BOX 122 ELLICOTT CITY MD 21041  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME ROUTE 32 LOT NO. 2

PROPERTY ADDRESS  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 9 GRID 10 PARCEL(S) 96 PROPOSED LOT SIZE 2.3 AC. ±

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.

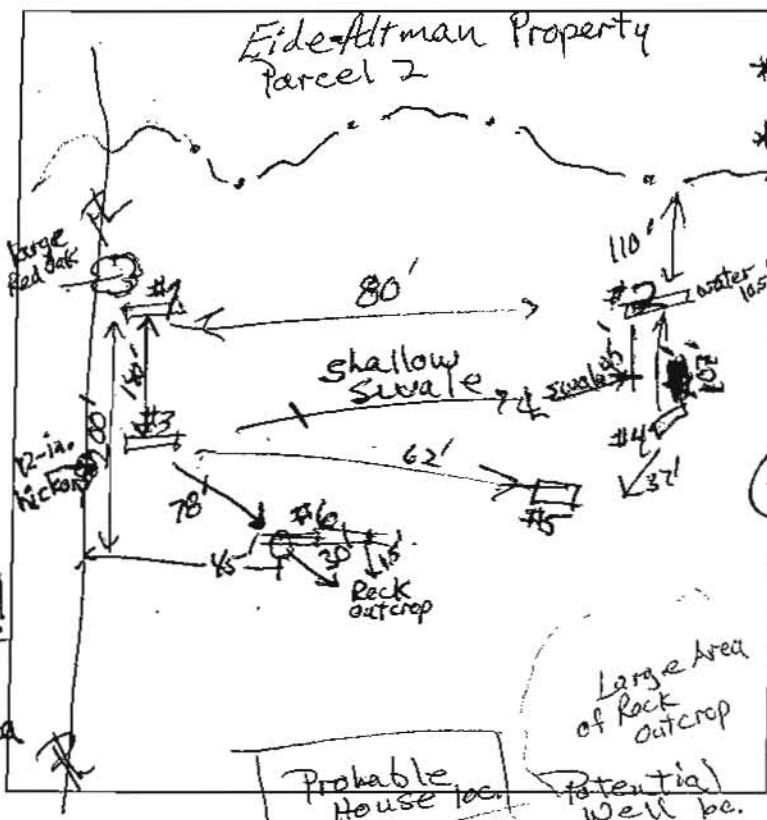
Ronald S. Carter  
SIGNATURE OF APPLICANT

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

North →

AP

Eide-Altman Property  
Parcel 2



#3  
04' dk brn sl  
3' brn st sl  
to gr scl  
red-brn sl  
dense  
10% gravel  
\* 3.8' red-yel  
sl, sm  
\* 6.5' lt grey sl  
dense.  
10' R

#5 dk brn st sl  
\* 2' yel-brn  
scl / many  
yel-brn fine mica  
\* 3.5' brn yel sl  
rock content  
increasing  
35% to 50%  
7' lt brn yel sl  
increasing rock  
near vertical shale  
10' R

#16 dk brn to brn sl  
Sept parts to  
2msbk  
\* 1.8' brn scl 15% common  
mica  
\* 3.3' yel-brn sl  
few gravel  
yel-brn chs  
dense saprolite  
35% weathered  
shale  
(rock fragments  
cemented)  
7' Refusal

#2 dk brn sl  
04' common mica  
brn gr scl  
2msbk  
6.5' red-yel scl  
dense  
common mica  
3.5' red-yel sl  
sm  
to yel-brn sl  
8' dk brn grey  
saprolite  
12' 10% cemented  
fine mica

#3 dk brn sl  
03' brn scl  
10% gravel  
3' yel-brn sl  
3.5' dense  
yel-brn sl  
8% fine  
mica  
11' lt grey ls  
more coarse  
few clays  
13' moist

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9/18/08	#6	2.5'	10:00	10:10	10:24	14	P
9/18/08	#1	4' 11"	0	missd	3	re pour	
re pour	#1	4' 11"	4.7	7.5	10.8	3.3	P
9/18/08	#2	4' 8"	11:01	11:08	11:17	9	P
9/18/08	#3	4.5' 10"	0	1.7	4.7	3	P
9/18/08	#5	2.8' 7"	12:20	12:26	12:42	16	P
	#4	2.5'	Visual, >50% rock				F

REMARKS

SANITARIAN RB BACKHOE Oliver (Sylvia) OTHERS Zon Ted  
TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SAW \_\_\_\_\_

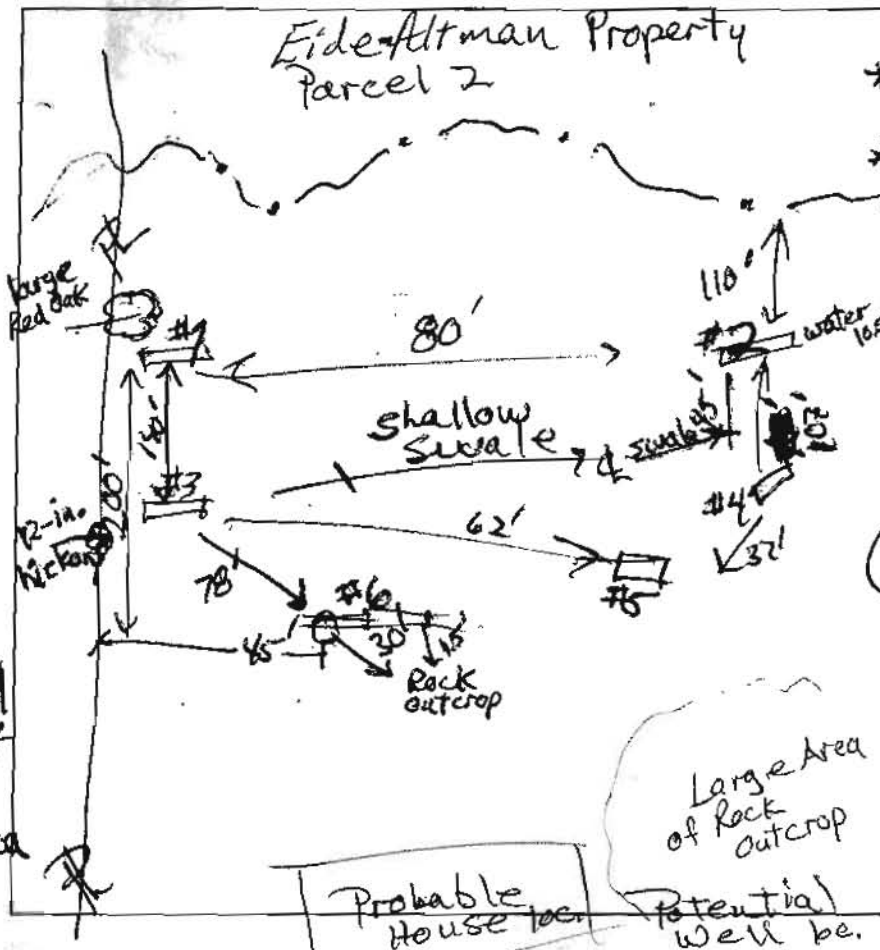
#4  
03' dk brn sl  
2.5' brn scl  
2msbk  
yel brn  
VST sl

>50% stones  
& boulders

North →

AP

# Eide-Altman Property Parcel 2



#16 dk brn to brn sl  
3' sept parts to 2' msk  
\* 1.8' brn scl, ss common mica  
\* 3.3' yel-brn sl  
few gravel  
yel-brn chs  
dense saprolite  
35% weathered shale  
(rock fragments cemented)  
7' Refusal

#2 dk brn sl  
common mica  
0.4' brn gr scl  
2' msk  
1.5' red-yel scl  
dense common mica  
3.5' red-yel sl  
few  
to yel-brn sl  
8' dk brn-grey  
saprolite  
100% cemented  
2' msk

#3 dk brn sl  
brn scl  
10% gravel  
3' yel-brn chs  
3.5' dense  
yel-brn sl  
8' ss fine mica  
few  
11' lt grey ls  
few chgs  
B' moist

#3 0.4' dk brn sl  
brn st sl  
3' to gr scl  
red-brn sl  
dense 10% gravel  
\* 3.8' red-yel  
sl, few  
\* 6.5' lt grey sl  
dense  
10' R

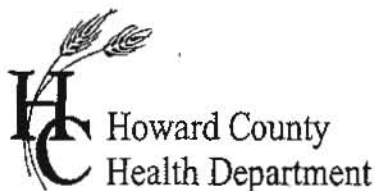
#5 dk brn gr sl  
\* 2' yel-brn  
scl/mask  
yel-brn fine mica  
\* 3.5' brn yel sl  
rock content  
increasing  
35% to 50%  
7' lt brn vtl sl  
increasing rock  
near vertical shale  
10' R  
>50% rock

#4 0.3' dk brn sl  
brn scl  
2' msk  
2.5' yel brn  
vtl sl  
>50% stones  
& boulders

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9/18/08	#6	2.5'	10:00	10:10	10:24	14	P
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re pour	#1	4' 11"	4.7	7.5	10.8	3.3	P
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## REMARKS

SANITARIAN RB BACKHOE Olin (Sylvia) OTHERS Zon Ted  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

\$550 Sandmont

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AP 529512

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

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- ☒ NEW STRUCTURE(S)  
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- ☐ CREATE NEW LOT(S)  
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☒ BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- ☐ YES  
☒ NO

THE TYPE OF STRUCTURE IS:

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PROPERTY OWNER(S) DAVID & ROSE EIDE ALTMAN

DAYTIME PHONE 410-442-5613 CELL 410-707-2104 FAX 410-442-1045

MAILING ADDRESS 1140 ROUTE 32 SYKESVILLE MD 21784  
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APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME ROUTE 32 LOT NO. 2

PROPERTY ADDRESS \_\_\_\_\_  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 9 GRID 10 PARCEL(S) 96 PROPOSED LOT SIZE 2.3 AC. ±

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.

Ronald P. Carter  
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



AP \_\_\_\_\_

60-3-14  
-6  
2007

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H

REMARKS \_\_\_\_\_

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

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE S/W \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

2-3-99

Existing lot of record  
owner may choose to  
do an elective  
repair on Parcel 1

3/20/09  
under

Indexed Files/Reviewed  
A 511389

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043

TELEPHONE: 313-2640

SOME  
DISTRICT

DATE

2-3-99

Parcel II  
1140 Rte 32  
Parcel I

Am

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER David and Rose Eide-Altman

ADDRESS 1140 Route 32, Sykesville, MD 21154 PHONE 301-854-6627

AGENT OR PROSPECTIVE BUYER looking to sell

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Route 32

TAX MAP 9 PARCEL # 96

SIZE OF LOT 145' x 689' TYPE BLDG. (SINGLE FAMILY DWELLING) OR COMMERCIAL

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Rose Eide Altman  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

## THIS IS NOT A PERMIT

# APPLICATION

PERCOLATION TESTING

A 511389

2-3-99

Existing lot of record  
owner may choose to  
do an elective  
repair on Parcel 1

Aul

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 2-3-99

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER David and Rose Eide-Altman

ADDRESS 1140 Route 32, Sykesville, MD 2184 PHONE 301-854-6627

AGENT OR PROSPECTIVE BUYER looking to sell

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Route 32

TAX MAP 9 PARCEL # 96

SIZE OF LOT 145' x 689' TYPE BLDG. (SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE  
FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO  
COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Rose Eide-Altman  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

## THIS IS NOT A PERMIT

16 16  
9a

COUNTY # \_\_\_\_\_

SOIL PROFILE

0' B

red SiClm

3.0' yellow orange SiSaln 100% Rx

10.5' E

red brown SiClm

3.0' 1st grey to tan Saln 100% Rx

refusal @ 10.0'

H

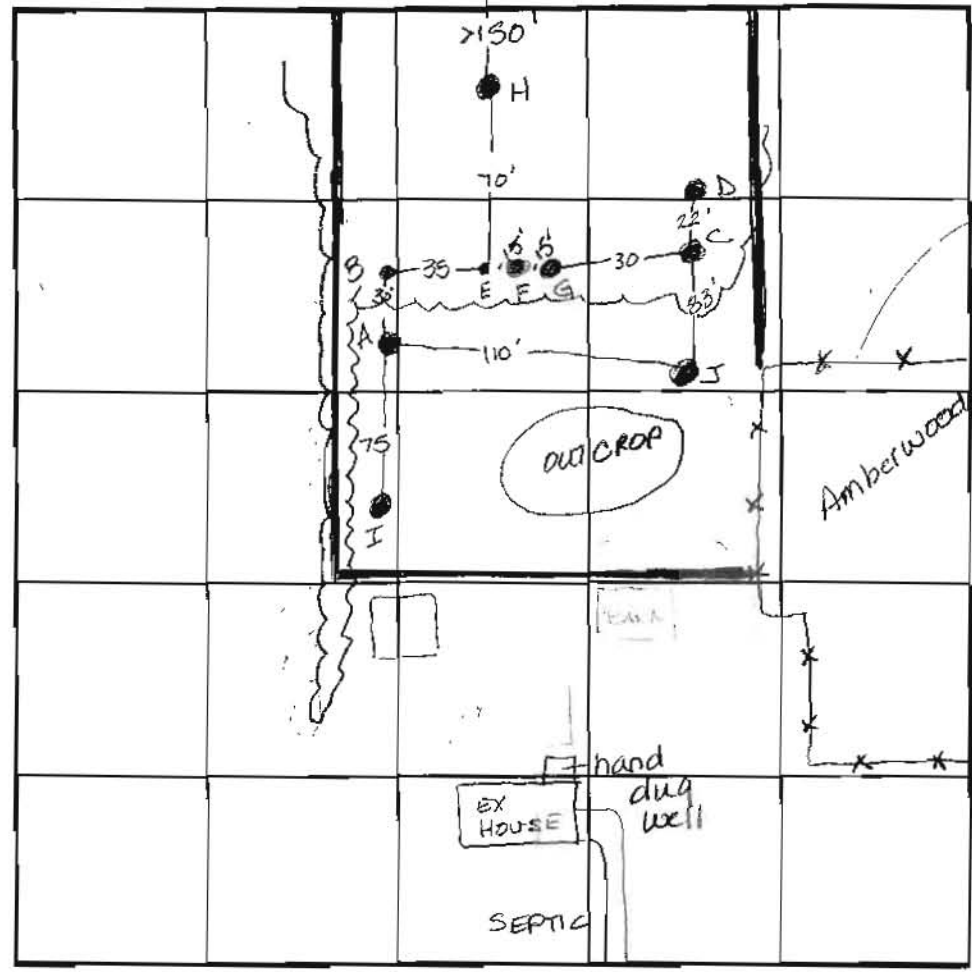
red brn SiClm

3.0' or brn SiLm

6.0' mottled dull grey or SiLm

water coming in @ 9.0'

11.5'



SOIL PROFILE

0' I

red SiClm

orange grey Saln

5.0' 70-80% Rx

refusal

9.0' I

Fill

4.0' bright or red SiLm refusal @ 8.0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Rt 32

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-1-99	A	Refusal @ 2.0'	Insufficient depth to bedrock				F
	B	Visual - see profile					OK
	C	Refusal @ 3.0'	Insufficient depth to bedrock				F
	D	Refusal @ 6.0'	70% Rx 1' - 6'				
		Insufficient depth to bedrock					F
	F&G	Refusal @ 6.0'	Insufficient depth to bedrock				F
	E	Visual - see profile					OK
	H	Insufficient depth to H <sub>2</sub> O				see profile	F
	I	Fill & insufficient depth to bedrock				see profile	F
	J	Insufficient depth to bedrock					F

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY Amy McMullen ALSO PRESENT owner

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_





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HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

February 3, 1999

David & Rose Eide-Altman  
1140 Route 32  
Sykesville, Maryland 21784

RE: Percolation Test Date  
Application Number - A511389  
Purpose: Existing lot of record  
Property ID: Eide-Altman Property  
Route 32  
Tax Map: 9 Parcel #: 96

Dear Mr. & Mrs. Eide-Altman,

A percolation test date for the above referenced property has been scheduled for 10:00 a.m., Monday, March 1, 1999.

You will be responsible for having a contractor on site to excavate test holes at the corners of the proposed percolation area.

In the event of uncertain weather (i.e., precipitation or extremes of temperature) on the test date, please contact this office prior to 9:00 a.m. to determine whether or not percolation testing can be performed on the above reserved date. If it is not feasible to perform the test, a new test date shall be assigned.

Please call this office between 8:00 a.m. and 5:00 p.m., Monday through Friday, to confirm your acceptance of this percolation test date.

Thank you in advance for your cooperation in this matter.

Very truly yours,

Amy Mc Millen, R.S.  
Water & Sewerage Program

ALM  
cc:file



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

March 2, 1999

David & Rose Eide-Altman  
1140 Route 32  
Sykesville, Maryland 21784

RE: Percolation Testing  
Existing Lot of Record  
Eide-Altman Property  
MD Rt. 32  
Tax Map: 9 Parcel 96

Dear Mr. & Mrs. Eide-Altman,

Percolation testing conducted Monday, March 1, 1999 yielded unsatisfactory soil conditions. Failing soil conditions ranged from insufficient depth to water table in the lowest portions of the parcel and insufficient depth to bedrock in the higher areas.

In conclusion, it is in the opinion of this office that the above referenced lot is not buildable with on-site well and septic until public water and sewerage is available.

Should you wish to appeal this decision, please submit information that you feel is sufficient to warrant a reconsideration of our decision. At a minimum, the submission should include the actual locations and elevations of all percolation test holes and the proposed location for a well and sewage disposal area.

Short of a successful appeal, remaining options for this site would include:

1. Provision of an off-site well location, and successful percolation testing.
2. Provision of public water and/or sewer.
3. Provision for tax relief as a non-buildable lot based upon these findings.

If there are any questions regarding this matter, please feel free to contact me at (410)313-2640.

Very truly yours,

Amy Mc Millen, R.S.  
Water & Sewerage Division

AM:am  
cc:Tax Assessment Office  
File

*9*  
*Tax Map*  
*Parcel 191e*

"EXHIBIT A"

PARCEL I

BEGINNING for the same at an iron pin set on the West margin of the right of way for the Maryland Route 32, it being in the closing line of parcel of land containing 150 acres, more or less, described in the deed from Robert Bruce Dorsey and Flora Agnes Dorsey, his wife, to D. Richard Arrington and Katherine G. Arrington, dated April 10, 1942, and recorded among the Land Records of Howard County in Liber B. M., Jr., No. 174, Folio 131, etc., distant 1953.7 feet and North 65-1/2 degrees East from the stone formerly set for the beginning of the said parcel and the end of the said closing of the said parcel, thence running with the said line, (1) South 65-1/2 degrees West 327 feet to an iron pin, thence running by lines of division, (2) North 19 degrees 11 minutes West 200 feet to an iron pin; (3) North 65-1/2 degrees East 327 feet to an iron pin set on the said West margin of the Maryland Route 32; thence running with the margin of the said road, (4) South 19 degrees 11 minutes East 200 feet to the beginning, containing 1.5 acres, more or less.

Being all of the property described in deed recorded in Liber 356 at folio 403 among the afore-said Land Records.

SAVING AND EXCEPTING THEREFROM THE FOLLOWING:

BEGINNING for the same at an iron pipe formerly set for the end of the third line of the land, which, by deed dated the 2nd day of August, 1960, and recorded among the said Land Records in Liber R.H.M. No. 356, Folio 403, etc., was granted and conveyed by D. Richard Arrington and Katherine G. Arrington, his wife, to George W. Arrington and Mary Hope Arrington, his wife, and running thence with the fourth line along said margin as follows: (1) South 19 degrees 11 minutes East 53.35 feet, to an iron pipe and stake now set; thence by two lines of division now made, (2) South 70 degrees 49 minutes West 179.7 feet, to an iron pipe and stake; thence (3) South 58 degrees 44 minutes West 148.7 feet, to an iron pipe and stake now set on the second line of said lot at the end of 146.65 feet thereon; thence with the remainder of said line, (4) North 19 degrees 11 minutes West 53.35 feet, to an iron pipe formerly set; thence with said third line, (5) North 65 degrees 30 minutes East 327 feet, to the point of beginning, containing 0.374 of an acre of land, more or less.

BEING part of the property described in deed recorded in Liber 430 at folio 784 among the afore-said Land Records.

PARCEL II

BEGINNING for the same at an iron pipe formerly set for the end of the first line in a deed from the said D. Richard Arrington and wife to the said George W. Arrington and wife, dated the 2nd day of August, 1960, and recorded among the Land Records of said Howard County in Liber R.H.M. No. 356, Folio 403, etc., said iron pipe being on the closing line of the 150 acre tract of land, which, by deed dated the 10th day of April, 1942, and recorded among the said Land Records in Liber B. M., Jr., No. 174, Folio 131, etc., was granted and conveyed by Robert Bruce Dorsey and Flora Agnes Dorsey to the said D. Richard Arrington and Katherine G. Arrington, and running thence with said closing line as follows: (1) South 65 degrees 30 minutes West 689 feet, to a pin oak tree with an iron pipe at its base; thence by two lines of division now made, (2) North 19 degrees 11 minutes West 146.65 feet, to an iron pipe and stake; thence (3) North 65 degrees 30 minutes East 689 feet, to an iron pipe and stake now set on the second line of the land, which, by the deed dated and recorded as aforesaid, was granted and conveyed by the said parties of the first part to the said parties of the second part; thence reversely along said line, (4) South 19 degrees 11 minutes East 146.65 feet, to the point of beginning, containing 2.291 acres of land, more or less.

BEING part of the property described in deed recorded in Liber 430 at folio 784 among the afore-said Land Records. \*

Reference: Survey by J. Harry Koller, Registered Land Surveyor, November 1964.



TED MARSHALL, ALC

**marshall**  
**REALTY**

7020 Gardner Lane  
at Mink Hollow Road  
Highland, Md. 20777  
301-854-0277







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

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

September 30, 2008

To: Ronald Carter, C&M Land, LLC,  
Applicant  
From: Robert Bricker, CPSS, RS, Environmental Sanitarian  
Well and Septic Program  
RE: 1140 Route 32; Tax Map 9, Parcel 96; Percolation Test Results, A529512

Dear Mr. Carter,

Percolation testing was conducted on the referenced property on September 18, 2008. 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. The soils tested were primarily those within soil map unit GgC (Glenelg loam, 8% to 15% slopes). Percolation Test Results indicate areas of soils' conditions that are both satisfactory and unsatisfactory for onsite wastewater disposal. Subsequently, two very limited areas could be designated as having properties suitable for inclusion in a septic easement.

Six test holes were dug for profile description and standard percolation tests. Five test locations 'Passed' (at specific depths), and one 'Failed'. The failed hole, #4, had a very shallow depth to fractured rock. The boundary to the area around location #4 may be defined by a swale and by test location #5.

Area in the vicinity of test locations #1 and #3 differed from the remaining locations. The subsoil in this area is sandy loam (#3) and loamy sand (#1) and has a moderately rapid rate of permeability. Depth of trench bottom between the two locations is limited to 6 feet. With an Inlet at 3 feet and a Trench Bottom at 7 feet, wastewater distribution trenches in this area would need to be 125 (total) linear feet to accommodate the estimated daily flow of a 4-bedroom residence.

The remainder of a proposed septic easement has a moderate rate of permeability and very limited soil depth. At locations #2, #5 and #6, the trench bottoms can be a maximum of 4', 3' and 3', respectively. A distribution trench system designed on parameter values of locations 5 and 6 would be about 210 feet total length.

The potential of having only enough area for two distribution systems may not meet the Howard County Code (3.805.A.2.X) requirement for an initial drainfield system and 2 replacement systems. However the COMAR requirement (26.04.02.02.B.1.b.i) for an initial system and one replacement appears to be achievable. [As the original residence

an initial system and one replacement appears to be achievable. [As the original residence on the subject property was built in 1945, this lot apparently predates the effective date (November 17, 1985) of regulations requiring approval by the Department of Health and Mental Hygiene of septic disposal areas large enough to accommodate an initial system and two repair systems.] Implementation of pre-treatment will likely be required as a condition of approval of any subsequent Building Permit application, or a Use & Occupancy Permit.


Field data collected are shown on the Percolation Test Results Worksheet enclosed with this letter. Recommended Inlet and Trench Bottom depths, and Usable Sidewall are all based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested. More detailed specifications are likely to be developed should this proposed project move forward.

Inlets for the initial distribution system will be at 1-foot to 2-feet depth. Also, rather than being relatively even, the surface topography of the proposed septic easement undulates with local drainage features. Therefore elevation contours at 1-foot (vertical) intervals in the area of the proposed septic easement will be required on the Percolation Certification Plan.

An additional field review of surface conditions may be conducted. Of particular concern is the potential for rock outcrops in the area proposed as a septic easement.

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) 313-2691.

Respectfully,

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

Enclosure  
Copy: David and Rose Eide Alman  
File



# GENERAL NOTES

- SUBJECT PROPERTY ZONED RC-DEO
- TOTAL AREA OF PROPERTY: 2.276 ACRES
- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT REVIEW
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE
- CONTRACTOR/BUILDER TO VERIFY ELEVATION IN THE FIELD BEFORE BEGINNING ANY CONSTRUCTION
- TOPOGRAPHY IS BASED ON FIELD RUN TOPOGRAPHY DONE BY FISHER, COLLINS & CARTER, INC. ON APRIL 6, 2010 AND SUPPLEMENTED WITH HOWARD COUNTY, AERIAL TOPOGRAPHY
- WATER QUALITY VOLUME (WQV) AND GROUNDWATER RECHARGE VOLUME (REV) STORMWATER MANAGEMENT REQUIREMENTS FOR THIS SITE WILL BE MET BY APPLYING THE CRITERION FOUND IN THE REVISED CHAPTER 5.0 "ENVIRONMENTAL SITE DESIGN" OF THE 2000 M.D. DESIGN MANUAL. SPECIFICALLY, SECTION N-1 "DISCONNECTION OF ROOFTOP RUNOFF" AND SECTION N-2 "DISCONNECTION OF NON-ROOFTOP RUNOFF". IN ADDITION, RUNOFF FROM A PORTION OF THE ROOFTOP NOT TREATED BY ROOFTOP DISCONNECTION WILL BE TREATED WITH A RAINGARDEN DESIGNED IN ACCORDANCE WITH THE CRITERIA FOUND IN CHAPTER 3 OF THE AFOREMENTIONED MANUAL. CHANNEL PROTECTION VOLUME (CPV) IS NOT REQUIRED BECAUSE THE DESIGN RONS MEET THE RONS FOR "WOODS IN GOOD CONDITION".
- EXISTING WELLS AND SEPTIC EASEMENTS WITHIN 100 FEET OF THE PROPERTY (LOT) BOUNDARY HAVE BEEN LOCATED
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MD. DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS.
- RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MD. DEPARTMENT OF THE ENVIRONMENT.
- SILT FENCE TO BE UPGRADED TO "BANK" SILT FENCE AT THE DIRECTION OF THE SEDIMENT CONTROL INSPECTOR.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- EXISTING WELLS AND/OR SEWAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTIONS.
- ANY CHANGES TO PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

## NOTE

THE EXISTING WELL SHOWN ON THE PLAN, TAG NO. 10-95-1872 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.

OPEN SPACE  
LOT 38  
AMBERWOODS  
PLAT NO. 9701  
ZONED: RC-DEO

AGRICULTURAL PRESERVATION  
DISTRICT EASEMENT  
LIBER 2370 FOLIO 206  
ZONED: RC-DEO

PARCEL II  
2.291 ACRES  
L. 12426 F. 420

AGRICULTURAL PRESERVATION  
DISTRICT EASEMENT  
LIBER 2370 FOLIO 206  
ZONED: RC-DEO

## DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

*OWEN KELLY*  
SIGNATURE OF DEVELOPER  
DATE: 5-24-10

## ENGINEER'S CERTIFICATE

"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*EARL D. COLLINS*  
DATE: 5-24-10

## PROFESSIONAL CERTIFICATION

"I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 9753 EXPIRATION DATE: 2/28/12."

*EARL D. COLLINS*  
DATE: 5-24-10

THE PURPOSE OF THIS PERC RECERTIFICATION PLAN IS TO REVISE WELL SITE FROM A WELL BOX TO AN ALTERNATE WELL SITE ON PARCEL II.

## PERC CERTIFICATION

I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON INVESTIGATIONS DONE UNDER MY DIRECT SUPERVISION AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

*TERRELL A. FISHER*  
SIGNATURE OF PROFESSIONAL LAND SURVEYOR  
DATE: 6/30/10

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT.

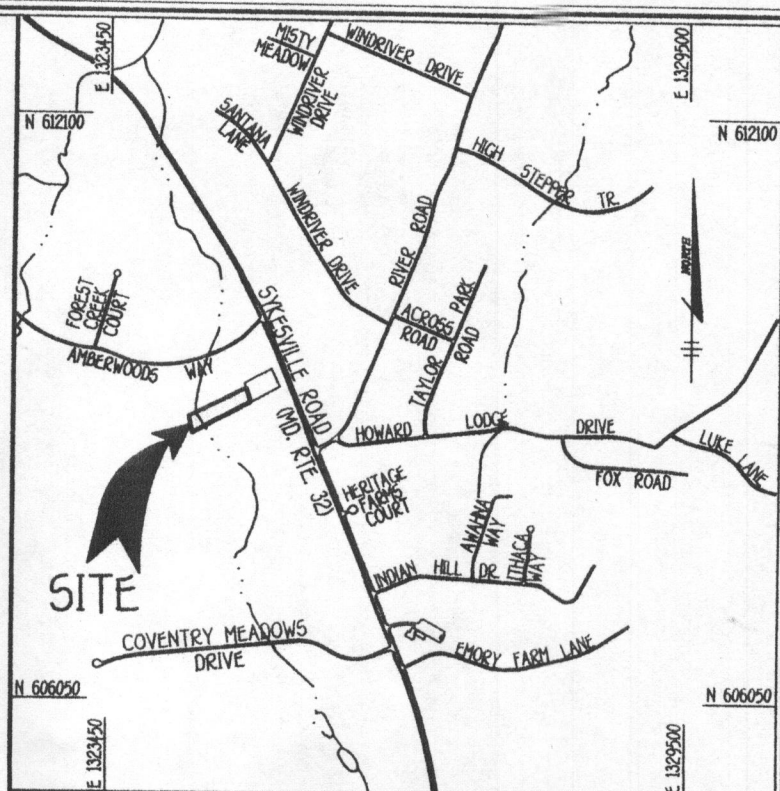
*TERRELL A. FISHER*  
COUNTY HEALTH OFFICER  
DATE: 6/30/10

## SOILS LEGEND

SOIL	NAME	CLASS
BBA	BAILE SILT LOAM, 0 TO 3 PERCENT SLOPES	D
GGB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	D
GGB	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B
MAC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B

## NOTES:

- \* HYDRIC SOILS AND/OR CONTAINS HYDRIC INCLUSIONS
- \*\* MAY CONTAIN HYDRIC INCLUSIONS
- † GENERALLY ONLY WITHIN 100-YEAR FLOODPLAIN AREAS
- DENOTES FAILED PERC
- DENOTES PASSED PERC



## VICINITY MAP

SCALE: 1" = 2000'  
ADC MAP NO. 4693 H-6

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
- - - -	PROPOSED CONTOUR 2' INTERVAL
X362.5	SPOT ELEVATION
- 5' - 5'	SILT FENCE
---	PROPOSED WALKOUT
---	LIMITS OF DISTURBANCE

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLICOTT CITY, MARYLAND 21042  
410-465-2855

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*John K. Roberts*  
DATE: 5/23/10

## PERC RECERTIFICATION & PLAN TO ACCOMPANY BUILDING/GRADING PERMIT ADAMS RESIDENCE

(PLAT REFERENCE: NO. 7825)

ZONED: RC-DEO  
TAX MAP NO: 9 GRID NO: 10 P/O PARCEL NO: 357  
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
DATE: MAY, 2010  
SHEET 1 OF 2

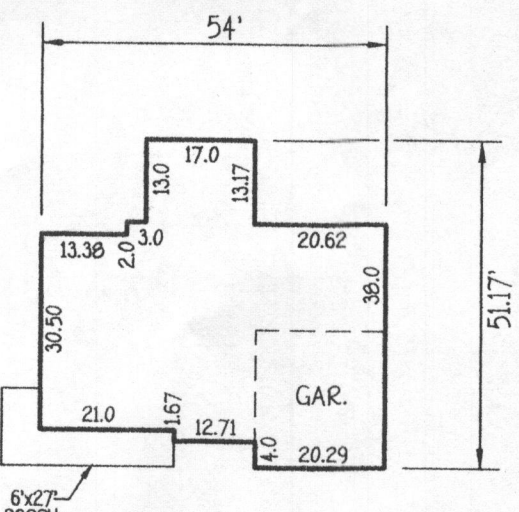
## BUILDER/DEVELOPER

CARRIGAN HOMES  
9012 CATTILAN COURT  
ELLICOTT CITY, MARYLAND 21042  
410-465-7755



## THE PATAPSCO

SCALE: 1" = 30'



GP 10-88

PC529512



# GENERAL NOTES

1. SUBJECT PROPERTY ZONED: RC-DEO
2. TOTAL AREA OF PROPERTY: 2.276 ACRES
3. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT REVIEW.
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR/BUILDER TO VERIFY ELEVATION IN THE FIELD BEFORE BEGINNING ANY CONSTRUCTION.
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7. WATER QUALITY VOLUME (WQV) AND GROUNDWATER RECHARGE VOLUME (REV) STORMWATER MANAGEMENT REQUIREMENTS FOR THIS SITE WILL BE MET BY APPLYING THE CRITERION FOUND IN THE REVISED CHAPTER 5.0 "ENVIRONMENTAL SITE DESIGN" OF THE 2000 MDC DESIGN MANUAL (MANUAL), SPECIFICALLY SECTION N-1 "DISCONNECTION OF ROOFTOP RUNOFF" AND SECTION N-2 "DISCONNECTION OF NON-ROOFTOP RUNOFF". IN ADDITION, RUNOFF FROM A PORTION OF THE ROOFTOP NOT TREATED BY ROOFTOP DISCONNECTION WILL BE TREATED WITH A RAINGARDEN DESIGNED IN ACCORDANCE WITH THE CRITERIA FOUND IN CHAPTER 5 OF THE AFOREMENTIONED MANUAL. CHANNEL PROTECTION VOLUME (CPV) IS NOT REQUIRED BECAUSE THE DESIGN RONS MEET THE RONS FOR "WOODS IN GOOD CONDITION".
8. EXISTING WELLS AND SEPTIC EASEMENTS WITHIN 100 FEET OF THE PROPERTY (LOT) BOUNDARY HAVE BEEN LOCATED.
9. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MD. DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWER DISPOSAL IMPROVEMENTS OF ANY NATURE. IN THIS AREA ARE RESTRICTED, THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS.
10. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
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12. LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MD. DEPARTMENT OF THE ENVIRONMENT.
13. SUT FENCE TO BE UPHOLD TO "SUPER" SUT FENCE AT THE DIRECTION OF THE SEWAGE TANK DISPOSURE.
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15. EXISTING WELLS AND/OR SEWAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL RELEVANT RECORDS.
16. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
17. ANY CHANGES TO PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

## NOTE

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LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
X 362.5	SPOT ELEVATION
- SF - SF -	SILT FENCE
---	PROPOSED WALKOUT
---	LIMITS OF DISTURBANCE

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTONAL SQUARE OFFICE PARK - 10075 BALTIMORE NATIONAL PIKE  
ELICOTT CITY, MARYLAND 21042  
410-465-2855

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
APPROVED:

*John K. Rhoten* 5/23/10  
HOWARD SOIL CONSERVATION DISTRICT DATE

## DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

*Owen Kelly* 5-24-10  
SIGNATURE OF DEVELOPER OWEN KELLY DATE

## ENGINEER'S CERTIFICATE

"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*Earl D. Collins* 5-24-10  
EARL D. COLLINS DATE

## PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 9753 EXPIRATION DATE: 2/28/12.

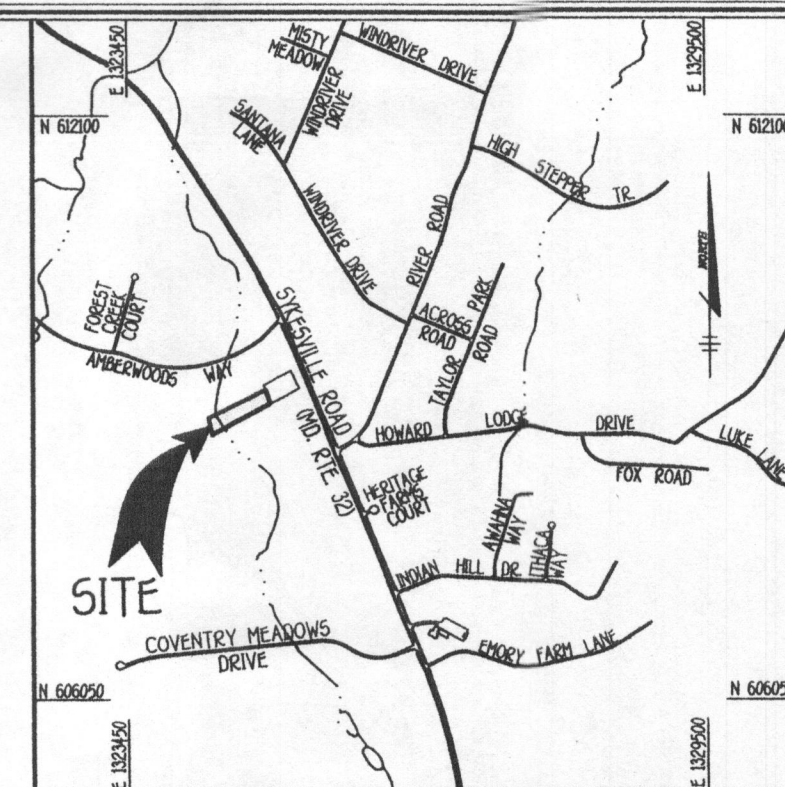
*Earl D. Collins* 5-24-10  
EARL D. COLLINS DATE

## SOILS LEGEND

SOIL	NAME	CLASS
BaA	BAILE SILT LOAM, 0 TO 3 PERCENT SLOPES	D
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B
GgC	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B
MbC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B

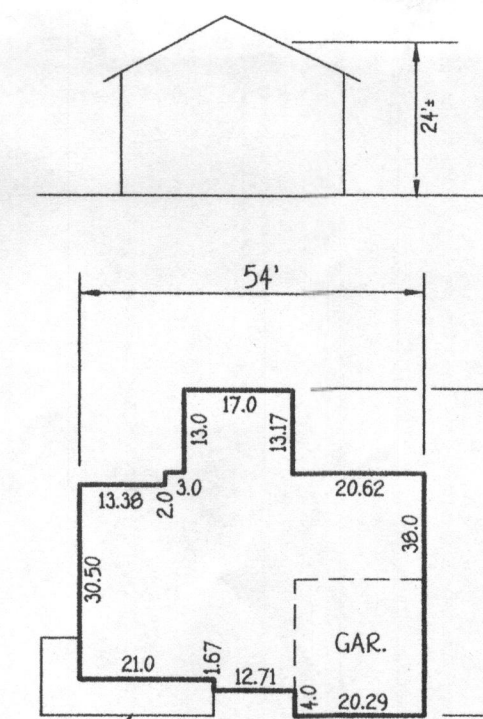
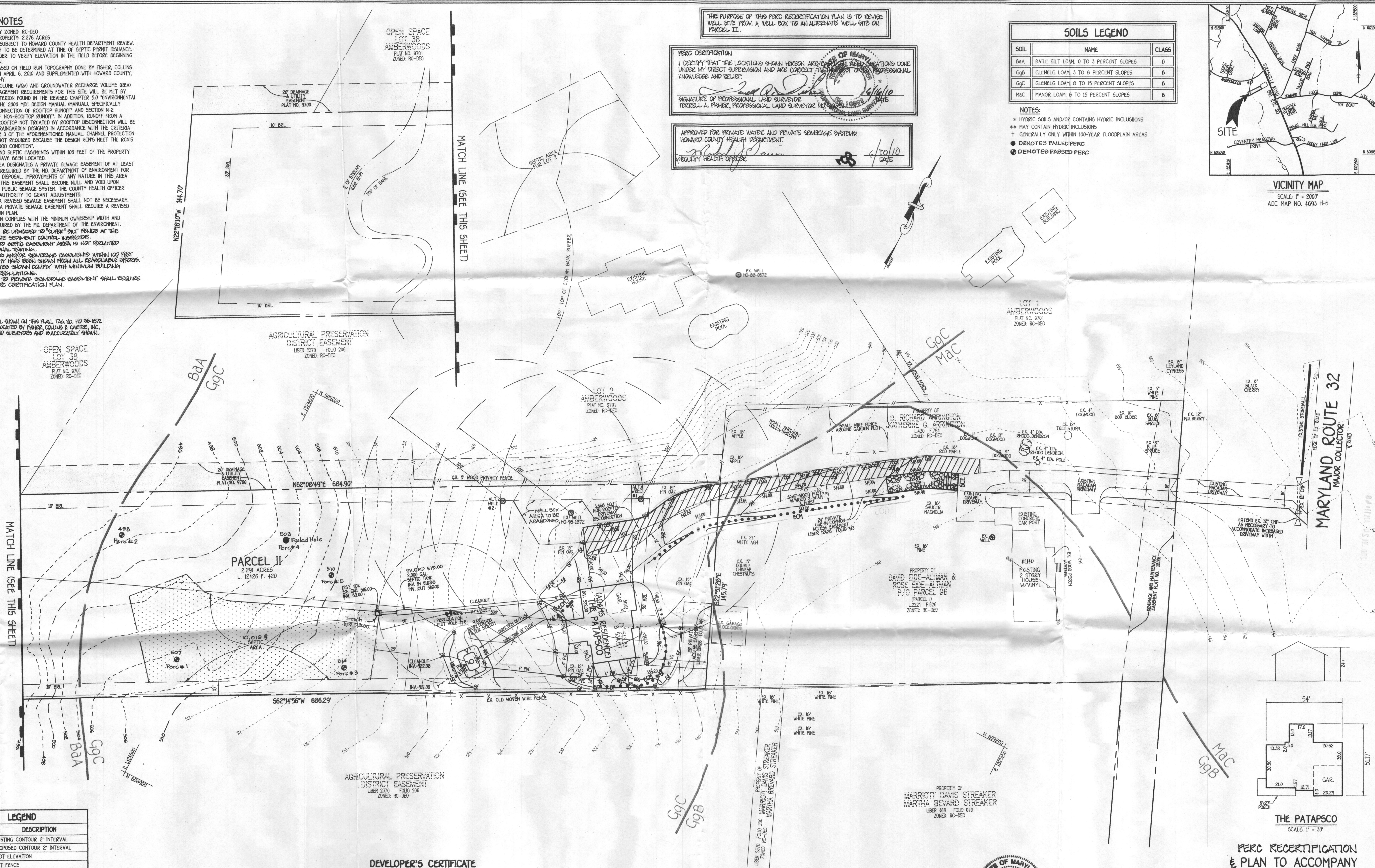
### NOTES:

- \* HYDRIC SOILS AND/OR CONTAINS HYDRIC INCLUSIONS
- \*\* MAY CONTAIN HYDRIC INCLUSIONS
- † GENERALLY ONLY WITHIN 100-YEAR FLOODPLAIN AREAS
- DENOTES FAILED PERC
- ⊙ DENOTES PASSED PERC



### VICINITY MAP

SCALE: 1" = 200'  
ADC MAP NO. 4693 H-6



### THE PATAPASCO

SCALE: 1" = 30'

## PERC RECERTIFICATION & PLAN TO ACCOMPANY BUILDING/GRADING PERMIT ADAMS RESIDENCE

(PLAT REFERENCE: NO. 7025)

ZONED: RC-DEO

TAX MAP NO. 9 GRID NO. 10 P/O PARCEL NO. 257  
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: MAY, 2010  
SHEET 1 OF 2

## BUILDER/DEVELOPER

CARRIGAN HOMES  
3912 CATTING COURT  
ELICOTT CITY, MARYLAND 21042  
410-465-7755



GP 10-88

PC529512



# LEGEND

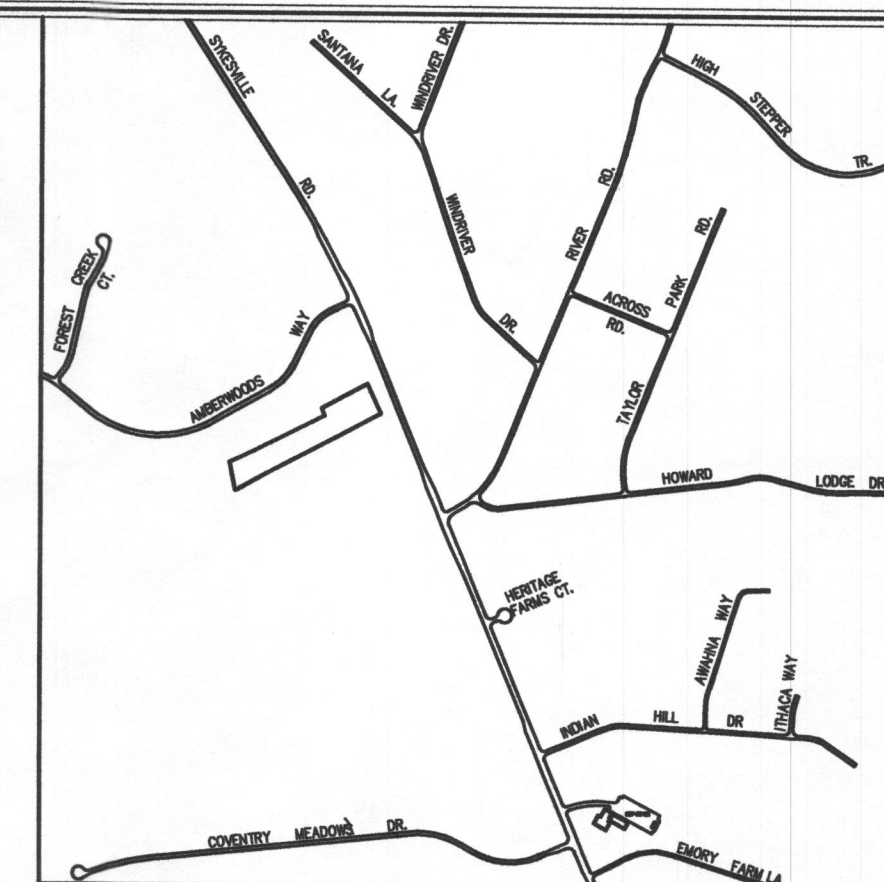
- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- CL 82  
MLC2 SOIL LINES AND TYPES
- (W) DENOTES PROPOSED WELL
- (X) DENOTES FAILED PERC
- (O) DENOTES PASSED PERC
- [X] DENOTES PROPOSED HOUSE
- [ ] DENOTES 15%-24.9% SLOPES
- [ ] DENOTES 25% AND GREATER SLOPE
- [ ] DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

# SOILS LEGEND

SOIL	NAME	CLASS
BaA	Baile silt loam, 0 to 3 percent slopes	D
GgB	Glenelg loam, 3 to 8 percent slopes	B
GgC	Glenelg loam, 8 to 15 percent slopes	B
GmA	Glenville silt loam, 0 to 3 percent slopes	C
MaC	Manor loam, 8 to 15 percent slopes	B

## NOTES:

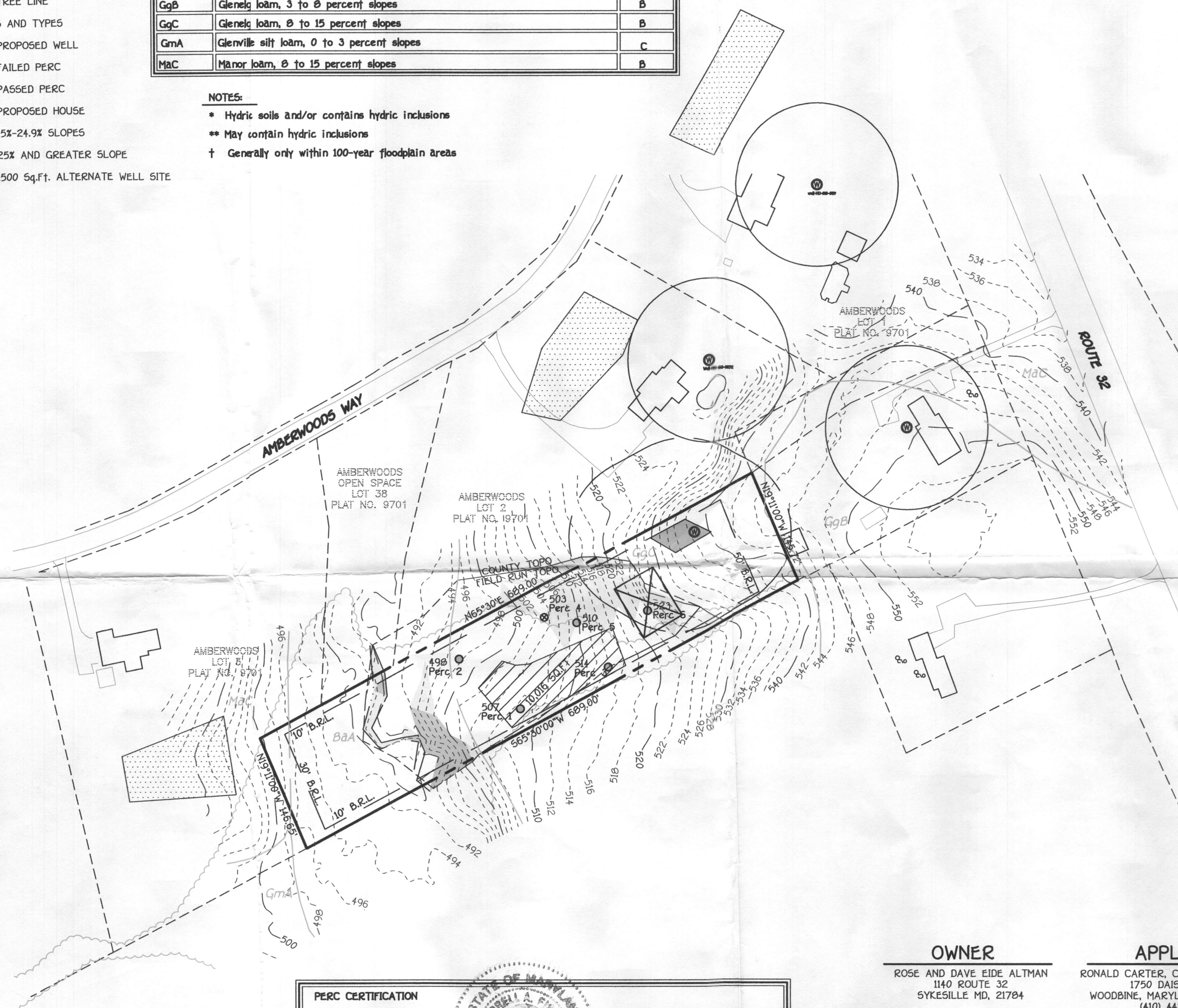
- \* Hydric soils and/or contains hydric inclusions
- \*\* May contain hydric inclusions
- † Generally only within 100-year floodplain areas



VICINITY MAP  
SCALE: 1" = 1200'

## GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- PERCOLATION TESTS CONDUCTED ON FEBRUARY 3, 1999 ARE NOT SHOWN AS THEIR EXACT LOCATIONS ARE NOT DETECTABLE. THE RESULTS OF THOSE TESTS INDICATED UNSUITABLE SOIL CONDITIONS FOR WASTEWATER DISPOSAL ON THE NORTHEAST END OF PARCEL II.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- THE WELL SHALL BE DRILLED PRIOR TO BUILDING PERMIT APPROVAL.
- TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 2' CONTOUR INTERVAL AND FIELD RUN WHERE INDICATED.
- BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN
- DEED REFERENCE LIBER 2221 FOLIO 626.



## PERC CERTIFICATION

I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Signature of Professional Land Surveyor  
Terrell A. Fisher, Professional Land Surveyor No. 10692

3/24/09  
Date

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT.

Signature of Peter Brilenson  
COUNTY HEALTH OFFICER

3/13/2009  
DATE

## OWNER

ROSE AND DAVE EIDE ALTMAN  
1140 ROUTE 32  
SYKESVILLE MD, 21784

## APPLICANT

RONALD CARTER, C & M PARTNERSHIP  
1750 DAISY ROAD  
WOODBINE, MARYLAND 21797-8414  
(410) 442-1045

PERC CERTIFICATION PLAT  
1140 ROUTE 32

PARCEL II

TAX MAP #9

A529512

PARCEL: 96

3RD ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

SCALE: 1"=100'

DATE: FEBRUARY 24, 2009

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLICOTT CITY, MARYLAND 21042  
(410) 481-2895



# GENERAL NOTES

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## NOTE

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OPEN SPACE  
LOT 38  
AMBERWOODS  
PLAT NO. 9701  
ZONED: RC-DEO

AGRICULTURAL PRESERVATION  
DISTRICT EASEMENT  
LIBER 2370 FOLIO 206  
ZONED: RC-DEO

PARCEL II  
2.291 ACRES  
L. 12426 F. 420

AGRICULTURAL PRESERVATION  
DISTRICT EASEMENT  
LIBER 2370 FOLIO 206  
ZONED: RC-DEO

## DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

SIGNATURE OF DEVELOPER: Owen Kelly  
DATE: 5-24-10

## ENGINEER'S CERTIFICATE

"I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

SIGNATURE OF ENGINEER: Earl D. Collins  
DATE: 5-24-10

## PROFESSIONAL CERTIFICATION

"I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A JULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 9753 EXPIRATION DATE: 2/28/12."

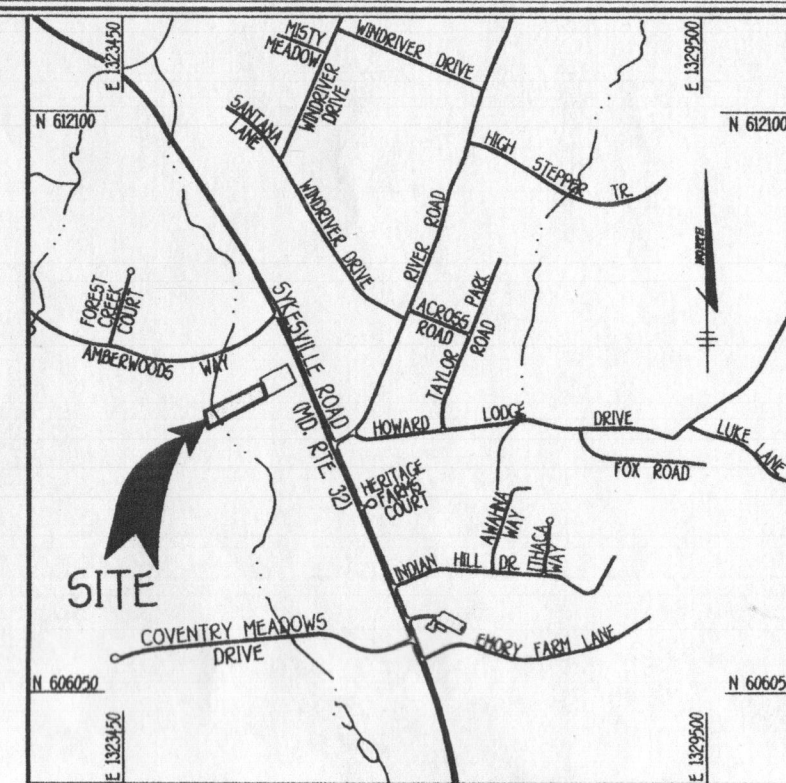
SIGNATURE OF PROFESSIONAL ENGINEER: Earl D. Collins  
DATE: 5-24-10

## SOILS LEGEND

SOIL	NAME	CLASS
BaA	BAILE SILT LOAM, 0 TO 3 PERCENT SLOPES	D
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	B
GgC	GLENELG LOAM, 8 TO 15 PERCENT SLOPES	B
MaC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	B

### NOTES:

- \* HYDRIC SOILS AND/OR CONTAINS HYDRIC INCLUSIONS
- \*\* MAY CONTAIN HYDRIC INCLUSIONS
- † GENERALLY ONLY WITHIN 100-YEAR FLOODPLAIN AREAS
- DENOTES FAILED PERC
- DENOTES PASSED PERC



### VICINITY MAP

SCALE: 1" = 2000'  
ADC MAP NO. 4693 H-6

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
- - - -	PROPOSED CONTOUR 2' INTERVAL
x362.5	SPOT ELEVATION
-sf -sf -	SILT FENCE
[WALK]	PROPOSED WALKOUT
LOD	LIMITS OF DISTURBANCE

FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CONTROLLING SQUARE OFFICE PARK - 1872 BALTIMORE NATIONAL PKWY  
BLOTT CITY, MARYLAND 21042  
(410) 481-2255

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
APPROVED: John K. Roberts  
HOWARD SOIL CONSERVATION DISTRICT  
DATE: 5/25/10

## BUILDER/DEVELOPER

CARRIGAN HOMES  
9812 CATLINS COURT  
ELLICOTT CITY, MARYLAND 21042  
410-465-7755

## PERC RECERTIFICATION & PLAN TO ACCOMPANY BUILDING/GRADING PERMIT ADAMS RESIDENCE

(PLAT REFERENCE: NO. 7825)  
ZONED: RC-DEO  
TAX MAP NO. 9 GRID NO. 10 P/O PARCEL NO. 357  
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: MAY, 2010  
SHEET 1 OF 2

GP 10-88

PC529512