

12/22/99  
10:00

# APPLICATION

PERCOLATION TESTING

A 513188

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

Purpose - to establish  
SFA for large  
bulk parcel

DISTRICT \_\_\_\_\_

DATE 12/22/99

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 Edgewood Farm, Inc.

ADDRESS 14943 Roxbury Road, Glenelg, MD 21737 PHONE 410-531-3455

AGENT OR PROSPECTIVE BUYER Heritage Land Development

ADDRESS 3060 Washington Rd (Rt. 97)  
Suite 220, Glenwood, MD 21738 PHONE 410-489-7900

PROPERTY LOCATION:

SUBDIVISION Clarks Woods II, Dorsey Mill Road LOT NO. Remainder Parcel

ROAD AND DESCRIPTION Dorsey Mill Road

TAX MAP 21 PARCEL # 97

SIZE OF LOT 61 acres TYPE BLDG. SFD  
(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.

[Signature]  
(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

COUNTY #

SOIL PROFILE

0'

①

topsoil

org brn  
cl lm

3.5'

pale  
org tan  
sil lm20%+  
sap  
sh

11'

②

topsoil

org red  
brn  
cl lm3.5'  
4'pale  
org brn  
sil lm20%+  
sap  
sh

13'

③/④

topsoil

red  
org brn  
cl lm

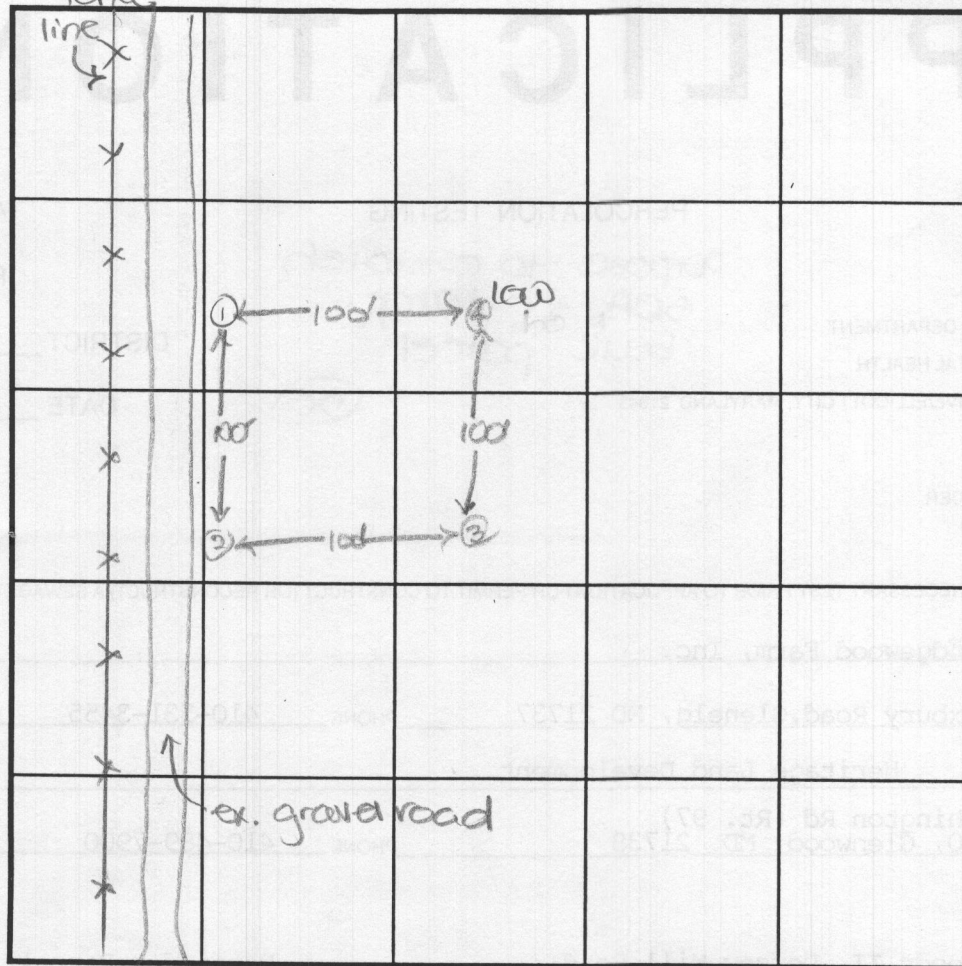
4'

pale  
red brn  
sil lm25%  
sh

11.5'

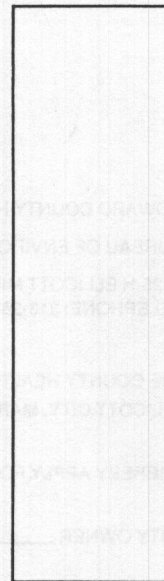
ex fence

line



SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Triadelphia Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-27-99	1	3.0'S	9:24	9:38	9:38	9:55	17
		11.0'D	Visual	- see	profile		OK
	2	13.0'D	Visual	- see	profile		OK
	3	11.5'D	Visual	- see	profile		OK
	4	4.0'S	9:44	9:44.3	9:44.3	9:46	2
		12.5'D	Visual	- see	profile		OK

REMARKS test holes not staked

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

TESTED BY DKS

ALSO PRESENT

T. Feaga, C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

9+

TRENCH WIDTH

3

INLET DEPTH

3.5

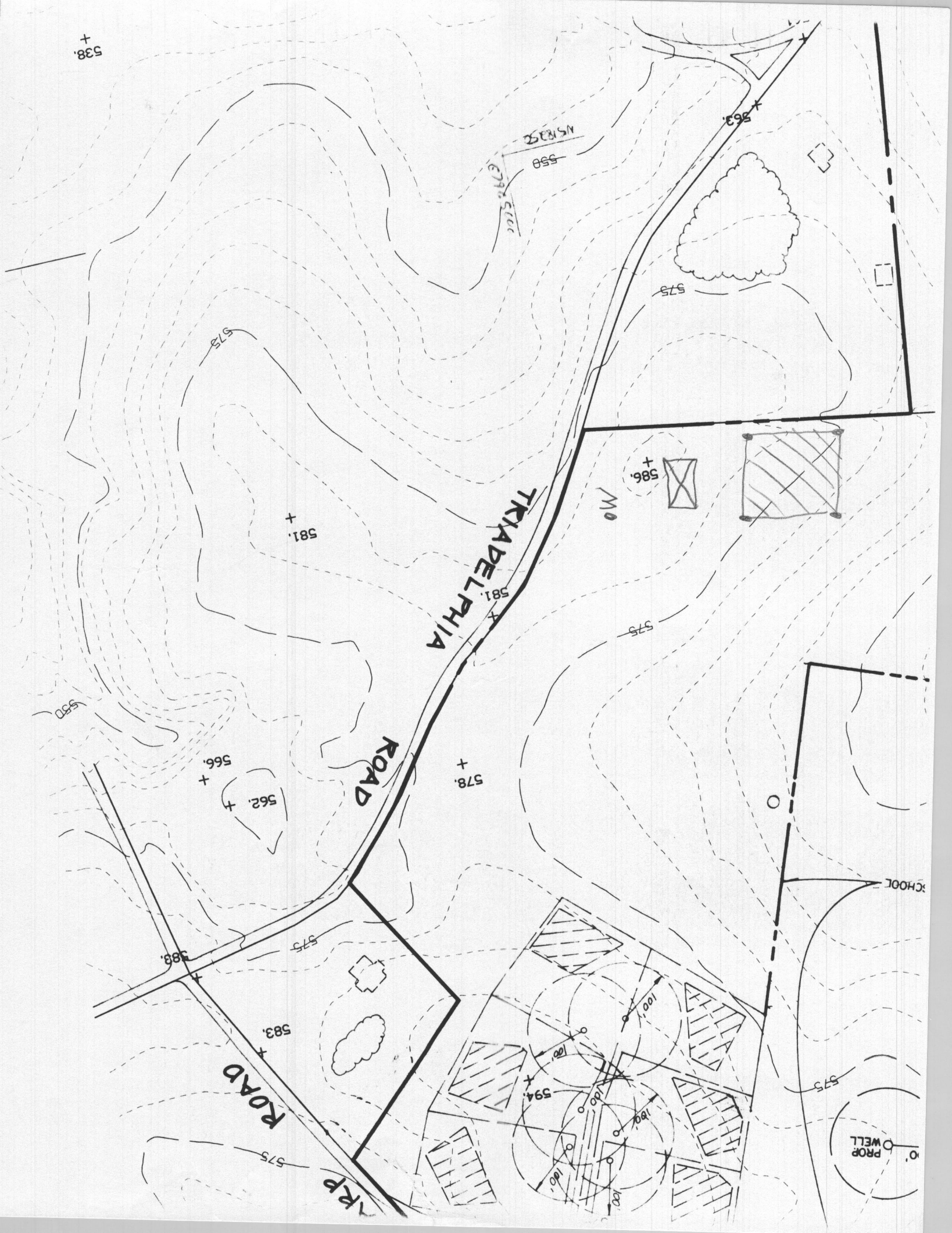
MAXIMUM BOTTOM DEPTH

5.5

SQ. FT./BEDROOM

210







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## HOWARD COUNTY HEALTH DEPARTMENT

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Diane L. Matuszak, M.D., M.P.H., County Health Officer

January 3, 2000

Heritage Land Development  
3060 Washington Road, Suite 220  
Glenwood, Maryland 21738

**RE: Percolation Test Results**

Proposed Use: Existing Bulk Parcel  
Property ID: Clarks Woods II  
Dorsey Mill Road  
Tax Map: 21 Parcel #97

Dear Sir or Madam:

Percolation testing was conducted December 29, 1999, on the above referenced property. A copy of the percolation test results is enclosed.

A registered engineer should submit a Percolation Certification Plan showing the following information to this office at this time:

- actual locations and elevations of all excavated test holes
- proposed building site and well site
- locations of all existing wells and septic systems on the property
- locations of all existing structures on the property
- locations of streams/swales/springs and any other features on the property
- field matched contour lines at 2-foot intervals in the vicinity of testing

This plat should be submitted within sixty (60) days to allow field verification if necessary.

If you have any questions regarding this matter, please feel free to contact me at the address below or by calling (410) 313-2640. Thank you in advance for your time and cooperation.

Sincerely,

Donna K. Soe, R.S.  
Water and Sewerage Program

DKS

Enclosure

Cc: file



**FISHER, COLLINS  
& CARTER, INC.**

**CIVIL ENGINEERING CONSULTANTS  
and LAND SURVEYORS**

Terrell A. Fisher, P.E., L.S.  
Earl D. Collins, P.E.  
Ronald B. Carter, L.S.  
Charles J. Crovo, Sr., P.E., L.S.

February 2, 2000

Mr. Craig Williams  
Howard County Health Dept.  
3525 Ellicott Mills Dr.  
Ellicott City, MD 21043

RE: Perc Certification Plan  
Property of Edgewood Farm, Inc.  
Residue Property – Fifth Parcel  
Liber 1295 Folio 48

Dear Craig:

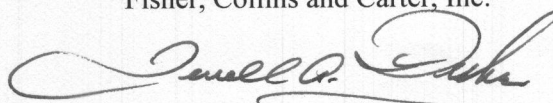
As a result of a meeting with the Howard County Health Department concerning the proposed subdivision of Clarks Woods (F-00-60) it was directed that a percolation test be provided on the adjoining residue property of Edgewood Farm, Inc. This instruction was a result of the recent deed adjainer transfers recorded to create the 64.489 acre parcel being subdivided as Clarks Woods I.

Your Department felt that there was no existing sewerage easement on this residue portion of the Fifth Parcel of Liber 1295 at Folio 48 created by the adjainer transfer and that before Health Department approval could be obtained for Clarks Woods I (F-00-60) this Perc Certification Plan must be submitted.

Having completed the field survey location of these perc tests, we have prepared and are enclosing the original and 1 print of this Percolation Certification Plan for your review and approval

If we may be of any assistance to you during your review please do not hesitate to call.

Very truly yours,  
Fisher, Collins and Carter, Inc.



Terrell A. Fisher, P.E., L.S.

tpk  
WO #30351  
CC: Edgewood Farm, Inc. (w/print)  
Mr. Tim Feaga (w/print)

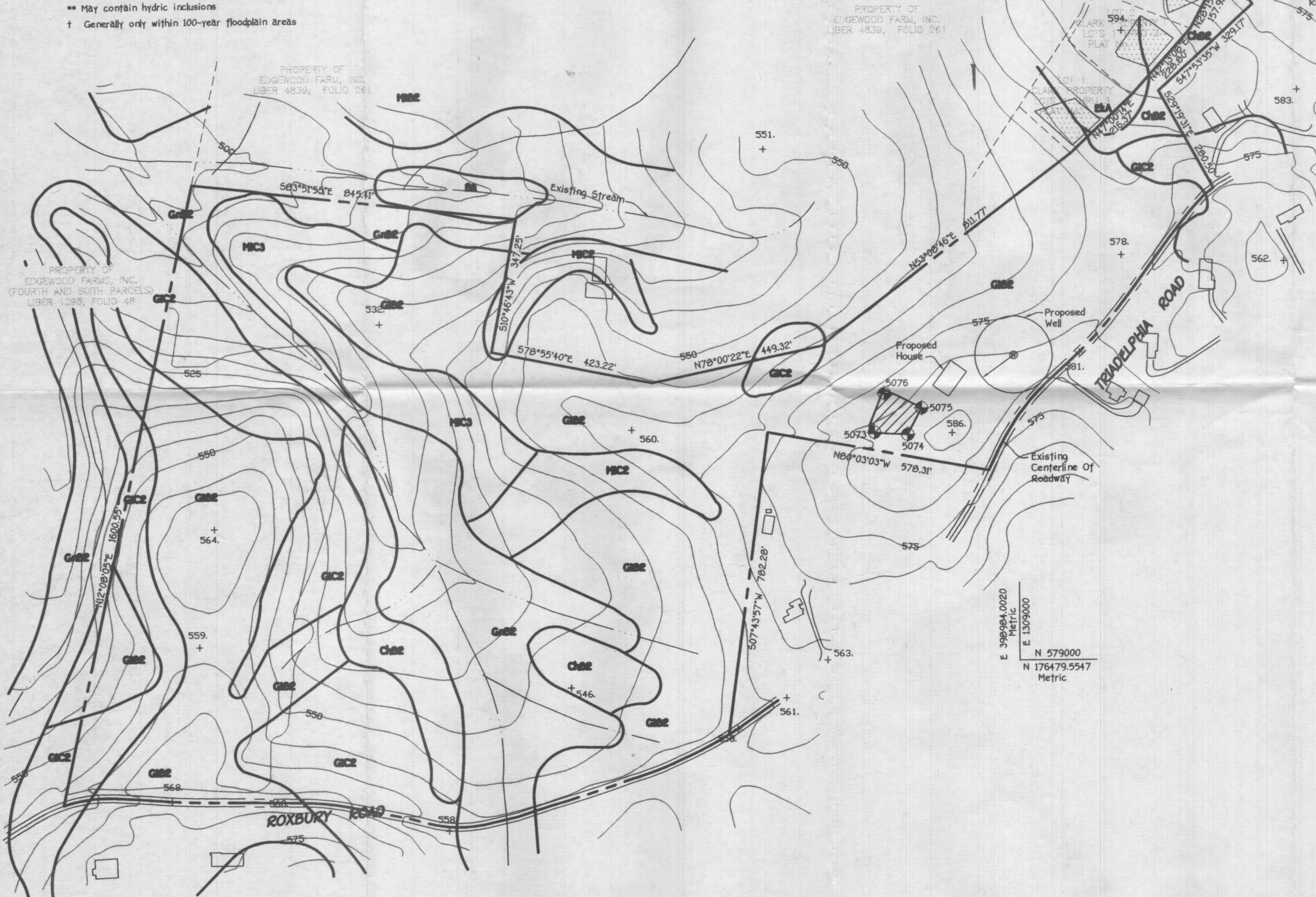
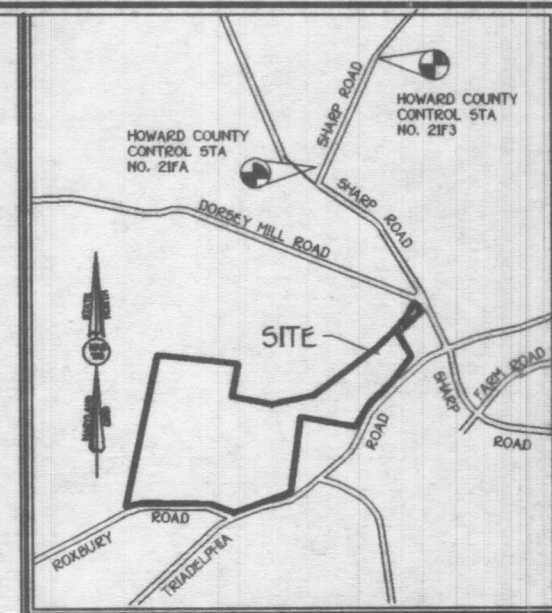


SOILS LEGEND		
SOIL	NAME	CLASS
Ba	Baile silt loam	D
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
Eka	Elk oak silt loam, 0 to 3 percent slopes	B
GlB2	Glenelg silt loam, 3 to 8 percent slopes, moderately eroded	B
GIC2	Glenelg silt loam, 8 to 15 percent slopes, moderately eroded	B
GrB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
MIC2	Manor loam, 8 to 15 percent slopes, moderately eroded	B
MIC3	Manor loam, 8 to 15 percent slopes, severely eroded	B

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

E 398679.2014  
 Metric  
 E 1309000  
 N 581000  
 N 177089.1560  
 Metric

E 398984.0020  
 Metric  
 E 1309000  
 N 581000  
 N 177089.1560  
 Metric



- GENERAL NOTES**
- SUBJECT PROPERTY ZONED "RC-DEO" PER 9/18/92 COMPREHENSIVE ZONING PLAN.
  - PRIVATE WATER AND SEWER TO BE UTILIZED.
  - SOILS MAP NO. 17.
  - THIS AREA DESIGNATES A PRIVATE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE 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 VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
  - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
  - BOUNDARY OUTLINE BASED ON AVAILABLE DEEDS OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY.
  - TOPOGRAPHIC CONTOURS BASED ON HOWARD COUNTY TOPO MAP NO. 263.

- LEGEND**
- PERC AREAS FOR THIS SUBDIVISION
  - EXISTING WELL LOCATION
  - POSSIBLE HOUSE SITE
  - GOOD PERCOLATION
  - FAILED PERCOLATION

**Perc Certification Plan  
 Residue Property of  
 Edgewood Farm, Inc.  
 Liber 1295, Folio 48  
 Fifth Parcel**

Tax Map No. 21 Parcel No. 97 Grid 17  
 Fourth Election District Howard County, Maryland  
 0' 50' 100' 200' 400'  
 Scale: 1" = 200'  
 Date: February 2, 2000

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTENNIAL SQUARE OFFICE PARK - 18272 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21042  
 (410) 461 - 2855

Drawing Name: 30351 WOODMONT PERC CERT.DWG

Howard County Health Officer Date



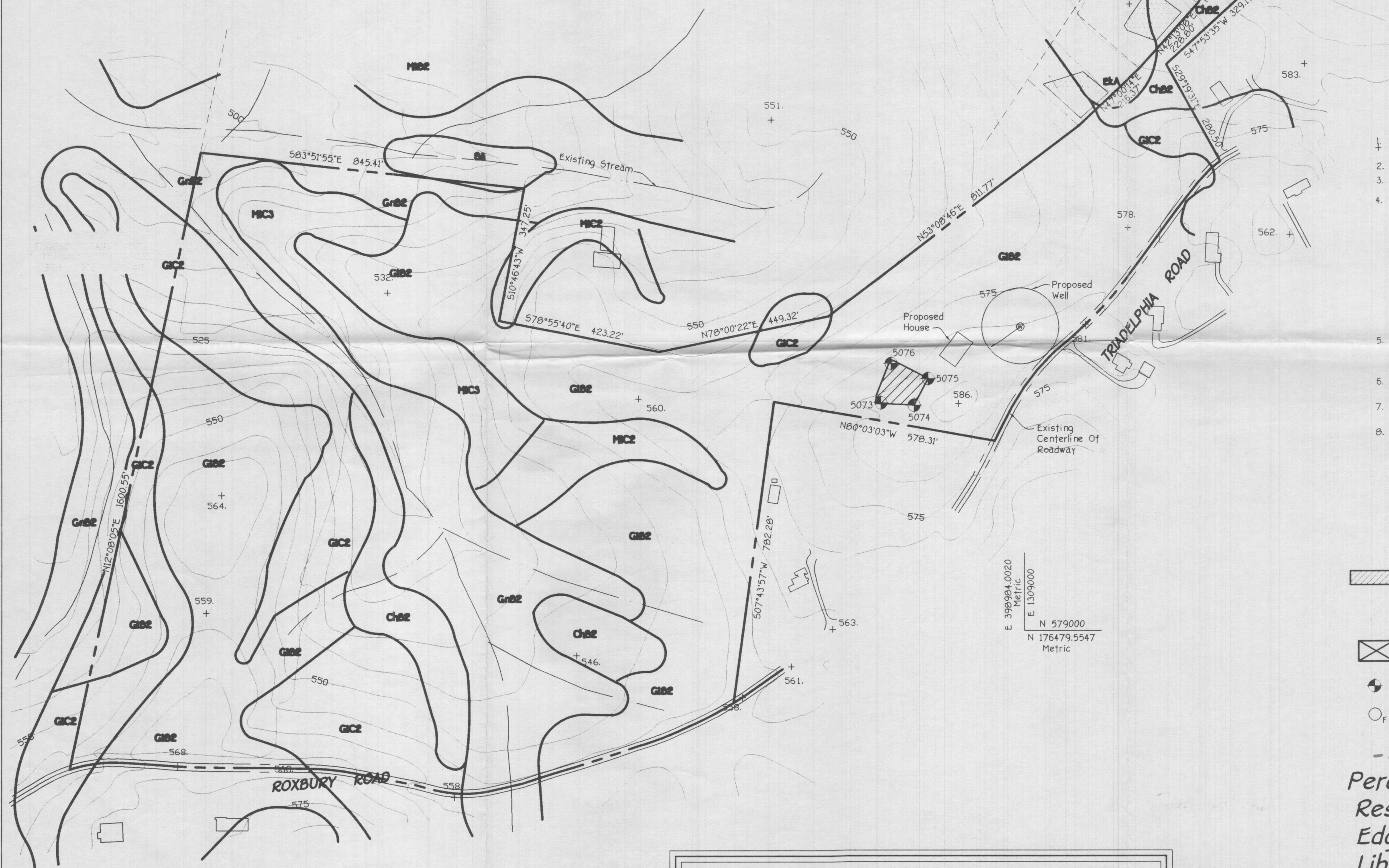
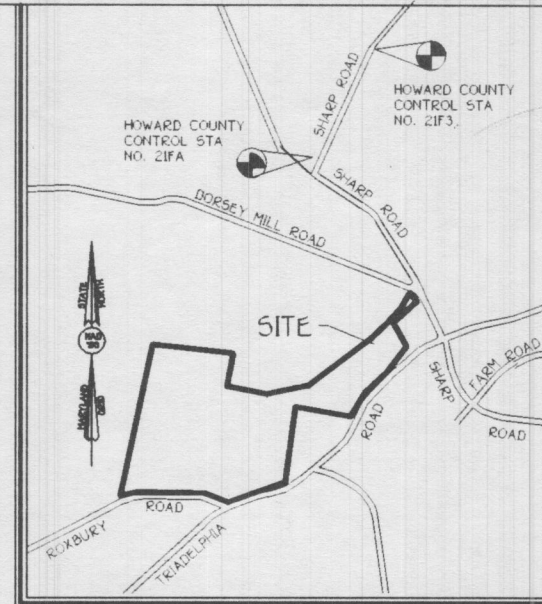
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GlC2	Glenelg silt loam, 8 to 15 percent slopes, moderately eroded	B
GnB2	Glenville silt loam, 3 to 8 percent slopes, moderately eroded	C
MIc2	Manor loam, 8 to 15 percent slopes, moderately eroded	B
MIc3	Manor loam, 8 to 15 percent slopes, severely eroded	B

NOTES:

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

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Metric  
E 1309000  
N 581000  
N 177089.1560  
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- GENERAL NOTES**
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  2. PRIVATE WATER AND SEWER TO BE UTILIZED.
  3. SOILS MAP No. 17.
  4. THIS AREA DESIGNATES A PRIVATE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE 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 VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
  5. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
  6. BOUNDARY OUTLINE BASED ON AVAILABLE DEEDS OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY.
  7. TOPOGRAPHIC CONTOURS BASED ON HOWARD COUNTY TOPO MAP No. 263.
  8. EXISTING WELLS AND SEPTICS WITHIN 100 FEET OF THE PROPOSED WELL AND SEPTIC HAVE BEEN SHOWN.

- LEGEND**
- PERC AREAS FOR THIS SUBDIVISION
  - EXISTING WELL LOCATION
  - POSSIBLE HOUSE SITE
  - GOOD PERCOLATION
  - FAILED PERCOLATION

- Signed Copy -  
Perc Certification Plan  
Residue Property of  
Edgewood Farm, Inc.  
Liber 1295, Folio 48  
Fifth Parcel

Tax Map No. 21 Parcel No. 97 Grid 17  
Fourth Election District Howard County, Maryland  
0' 50' 100' 200' 400'  
Scale: 1" = 200'  
Date: February 16, 2000

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

*Dione Matuszak M.D.* 2/25/00  
COUNTY HEALTH OFFICER DATE

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
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