

# APPLICATION

PERCOLATION TESTING

A 518553

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT THIRD

DATE 2/24/03

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 ED SWARTZ (703) 283-7688 (CELL)

ADDRESS # 13535 RTE # 144 PHONE (410) 956-4484 (HOME)

AGENT OR PROSPECTIVE BUYER MARK L. ROSEL, FISHER, COLLINS & CARTER

ADDRESS 10272 BALTIMORE NATIONAL AVE PHONE (410) 461-2855  
ELLICOTT CITY, M.D.

PROPERTY LOCATION:

SUBDIVISION THE SWARTZ PROPERTY LOT NO. 1+2

ROAD AND DESCRIPTION LOT #1

INTERSECTION OF FREDERICK ROAD & PFEFFERKORN ROAD

TAX MAP 15 PARCEL # 1

SIZE OF LOT 1 ACRE ± TYPE BLDG. SINGLE FAMILY DWELLING  
(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. Mark L. Rosel  
(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' 1914  
 Brown  
 Damp  
 SCL

---

2' yellow  
 brown  
 micaceous  
 L

---

3' fine  
 yellow  
 brown  
 micaceous  
 SL  
 w/ < 5%  
 coarse  
 frags

14' 1908  
 Brown  
 Damp  
 SCL

---

2' yellow  
 brown  
 micaceous  
 L

---

3 1/2' fine  
 yellow  
 brown  
 micaceous  
 SL  
 w/ 5-10%  
 coarse  
 frags

1912  
 orange  
 brown  
 SCL

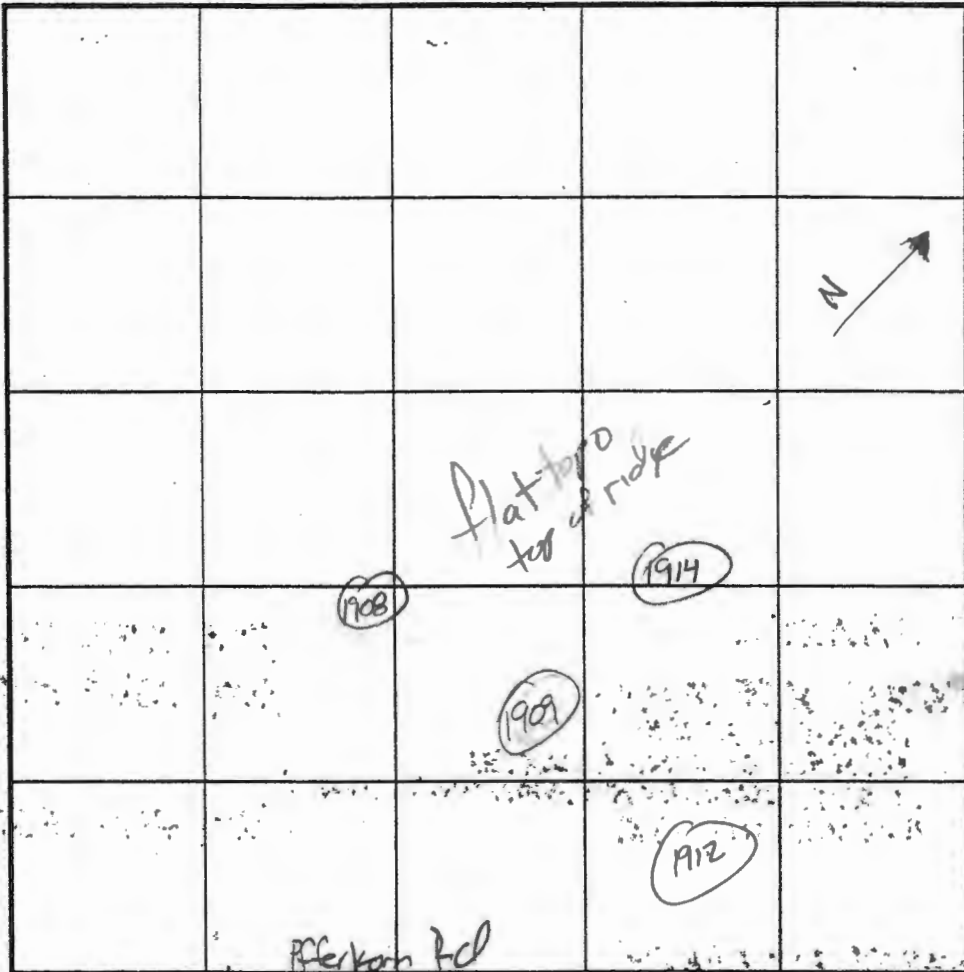
---

2' orange  
 brown  
 micaceous  
 L

---

3 1/2' yellow  
 brown  
 micaceous  
 SL  
 w/ 5-10%  
 coarse  
 frags

13



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 1909  
 orange  
 brown  
 SCL

---

2' orange  
 brown  
 micaceous  
 L

---

3 1/2' orange  
 brown  
 micaceous  
 SL  
 w/ < 5%  
 coarse  
 frags

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/4/03	1914	4 1/2 14	11:23	11:25	11:25	11:27	2	ok
	1908	4 1/2 14	11:37	11:39	11:39	11:42	3	ok
	1912	5 13	12:35	12:37	12:37	12:40	3	ok
	1909	14 U						ok

REMARKS

TYPE OF SOIL

TESTED BY J. Paris

ALSO PRESENT Mr. Swartz + Fyock

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

3

TRENCH WIDTH

3

INLET DEPTH

2 1/2

MAXIMUM BOTTOM DEPTH

5

SQ. FT./BEDROOM

180

1.5' of sidewalk

# APPLICATION

PERCOLATION TESTING

A 518554

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT THIRD

DATE 2/24/03

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 ED SWARTZ (703) 283-7688 (CELL)

ADDRESS # 13535 RTE #144 PHONE (410) 956-4484 (HOME)

AGENT OR PROSPECTIVE BUYER MARK L. ROISEL, FISHER, COLLINS & CARTER

ADDRESS 10272 BALTIMORE NATIONAL AVE PHONE (410) 461-2855  
ELLICOTT CITY, MD.

PROPERTY LOCATION:

SUBDIVISION THE SWARTZ PROPERTY LOT NO. 1+2

ROAD AND DESCRIPTION LOT #2

INTERSECTION OF FREDERICK ROAD & PFEFFERKORN ROAD

TAX MAP 15 PARCEL # 1

SIZE OF LOT 1 ACRE ± TYPE BLDG. SINGLE FAMILY DWELLING  
(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. Mark L. Roisel  
(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

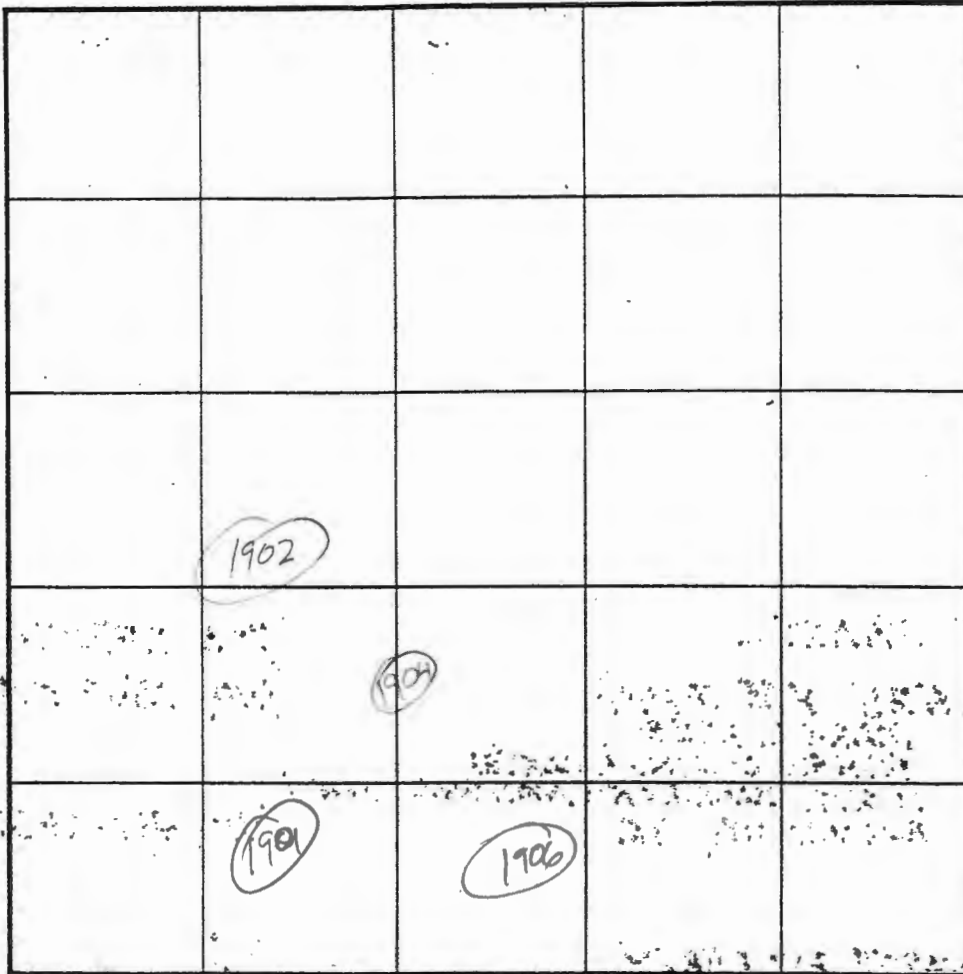
COUNTY #

SOIL PROFILE  
1902

0' Brown SCL  
 2' yellow brown micaceous L  
 4 1/2' fine yellow brown micaceous SL  
 w/ 5-10% weak spherule

3' orange brown SCL  
 heavy orange brown micaceous L  
 5' heavy orange brown micaceous SL  
 w/ 10-15% coarse frags

1906  
 2' heavy orange brown micaceous L  
 5 1/2' yellow brown micaceous SL  
 w/ 10-15% coarse frags



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' 1904  
 orange brown SCL  
 2' orange brown L  
 3 1/2' fine yellow brown micaceous SL  
 w/ 5-10% coarse clay frags

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/4/03	1902	4 / 14	11:48	11:52	11:52	11:58	6	ok
	1901	5 1/2 / 14	12:06	12:10	12:10	12:14	4	ok
	1906	6 / 14	12:18	12:23	12:23	12:32	9	ok
	1904	14V					2-7	ok

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY J. Borci ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 7 TRENCH WIDTH 3  
 INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 7 SQ. FT./BEDROOM 180  
1.5 of sidewalk

(R)

5 bedrooms — (300 ft<sup>2</sup>) × .83 = 249 ft<sup>2</sup> of trunk  
 4 bedrooms — (240 ft<sup>2</sup>) × .83 = 199 ft<sup>2</sup> of trunk  
 RIVER @ 3 1/2'  
 BOTTOM @ 4 1/2'

(180 ft<sup>2</sup>/bedroom) × 4 beds / 3 ft trunk = 240 ft<sup>2</sup>  
 (100 ft<sup>2</sup>/bedroom) × 5 beds / 3 ft trunk = 300 ft<sup>2</sup>

$$2 / 31 = 44$$

3  
 3  
 2  
 4 (2-2)  
 9  
 4  
 4

Five Rows

9/8/03

Click here for a plain text ADA compliant screen.

 <b>Maryland Department of Assessments and Taxation</b> <b>HOWARD COUNTY</b> <b>Real Property Data Search</b>	<a href="#">Go Back</a> <a href="#">View Map</a> <a href="#">New Search</a> <a href="#">Ground Rent</a>
---	--

STR

**Account Identifier:** District - 03 Account Number - 292959

Owner Information
-------------------

<b>Owner Name:</b>	SWARTZ EDWARD L SWARTZ LYNETTE P T/E	<b>Use:</b>	AGRICULTURAL
<b>Mailing Address:</b>	647 SANTA MARIA LN DAVIDSONVILLE MD 21035	<b>Principal Residence:</b>	YES
		<b>Deed Reference:</b>	1) / 6945/ 371 2) / 6115/ 277

Location & Structure Information
----------------------------------

<b>Premises Address</b>	<b>Legal Description</b>
13535 STATE ROUTE 144 WEST FRIENDSHIP 21794	55.874 A 13535 STATE ROUTE 144 PENNINGTON SUB

Map	Grid	Parcel	Sub District	Subdivision	Section	Block	Lot	Group	Plat No:
15	2	1						80	<b>Plat Ref:</b>

<b>Special Tax Areas</b>	<b>Town Ad Valorem Tax Class</b>	NO A/V, NO M/P, RURAL FIRE TAX
--------------------------	----------------------------------	--------------------------------

Primary Structure Built	Enclosed Area	Property Land Area	County Use
1930	2,608 SF	55.87 AC	

Stories	Basement	Type	Exterior Siding
2	YES	STANDARD UNIT	SIDING

Value Information
-------------------

	Base Value	Value As Of		Phase-in Assessments As Of		PREFERRED LAND VALUE INCLUDED IN LAND VALUE
		01/01/2004	07/01/2003	07/01/2003	07/01/2004	
<b>Land:</b>	166,400	308,900				
<b>Improvements:</b>	171,310	184,410				
<b>Total:</b>	337,710	493,310	337,710	389,576		
<b>Preferential Land:</b>	23,900	23,900	23,900	23,900		

Transfer Information
----------------------

<b>Seller:</b> PENNINGTON MEDIA H ET AL	<b>Date:</b> 03/12/2003	<b>Price:</b> \$500,000
<b>Type:</b> IMPROVED ARMS-LENGTH	<b>Deed1:</b> / 6945/ 371	<b>Deed2:</b> / 6115/ 277
<b>Seller:</b> PENNINGTON MEDIA	<b>Date:</b> 04/12/2002	<b>Price:</b> \$0
<b>Type:</b> NOT ARMS-LENGTH	<b>Deed1:</b> / 6115/ 281	<b>Deed2:</b> / 6115/ 277
<b>Seller:</b> PENNINGTON MEDIA	<b>Date:</b> 05/16/1995	<b>Price:</b> \$0
<b>Type:</b> NOT ARMS-LENGTH	<b>Deed1:</b> / 3490/ 690	<b>Deed2:</b>

Exemption Information
-----------------------

Partial Exempt Assessments	Class	07/01/2003	07/01/2004
County	000	0	0
State	000	0	0
Municipal	000	0	0

<b>Tax Exempt:</b> NO	<b>Special Tax Recapture:</b>
<b>Exempt Class:</b>	AGRICULTURAL TRANSFER TAX

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

**CIVIL ENGINEERING CONSULTANTS  
and LAND SURVEYORS**

**Transmittal**

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.

Via:  Fax  Mail  Messenger  E-Mail  To Be Picked Up  
 Fax (original to follow via U.S. Mail)

<b>To:</b> Mr. Brian Baker Howard County Health Department 3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544	<b>Attn:</b> Mr. Brian Baker <b>Fax:</b> (410) 313-2648 <b>Phone:</b> (410) 313-2640
--	--

<b>From:</b> MARK ROBEL	<b>CC:</b>
-------------------------	------------

<b>Re:</b> THE SWARTZ PROPERTY (WELL CERT.)	<b>W.O.#</b> 30786
<b>Date:</b> JULY 20, 2004	<b>Pages:</b> 2 <b>Page(s) including this cover</b>

<b>We are forwarding:</b> <input type="checkbox"/> Prints <input type="checkbox"/> Copy of Letter <input type="checkbox"/> Specifications <input type="checkbox"/> Shop drawings <input type="checkbox"/> Other
<input type="checkbox"/> Urgent <input checked="" type="checkbox"/> For your use <input checked="" type="checkbox"/> As requested <input type="checkbox"/> For Review & Comment

**Remarks:**

**Enclosed please find our letter certifying that Fisher, Collins and Carter, Inc. staked the property corners and well areas for the above referenced site.**

**If you have any questions or require any additional information, please call.**

**CONFIDENTIALITY NOTICE**

This transmission contains confidential information which may be legally privileged, and is intended only for the use of the individual named above. If you are not the intended recipient, you are hereby notified that any distribution (except to the intended recipient), copying, or disclosure of this transmission is strictly prohibited.

**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.


July 20, 2004

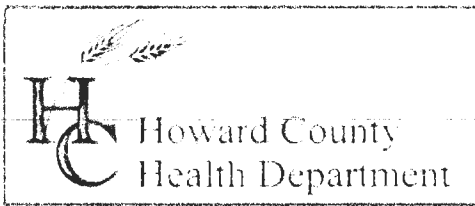
Mr. Brian Baker  
Well and Septic Program  
Development Coordination Section  
Howard County Health Department  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043RE: F-04-98  
The Swartz Property  
Lots 1 and 2

Dear Mr. Baker:

As per our client's request, I am writing this letter to certify to the Howard County Health Department that Fisher, Collins and Carter, Inc. has staked the well areas for Lots 1 and 2 of the above referenced property.

If you have any questions or require any additional information, please call.

Very truly yours,  
Fisher, Collins & Carter, Inc.  
\_\_\_\_\_  
Mark L. Robel  
(Property Line Surveyor, #339)



3525 H Ellicott Mills Drive, Ellicott City, MD 21043

(410) 313-2640 Fax (410) 313-2648

TDD (410) 313-2323 Toll Free 1-866-313-6300

website: www.hchealth.org

---

Penny E. Borenstein, M.D., M.P.H., Health Officer

June 17, 2003

Mr. Ed Swartz  
647 Santa Maria Lane  
Davidsonville, Maryland 21035

RE: PERCOLATION TEST RESULTS-A518553  
Tax Map 15, Parcel 1  
Pfefferkorn Road, Swartz Property

Dear Mr. Swartz:

Percolation testing conducted June 4, 2003 on the referenced property indicated satisfactory soil conditions. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations and elevations of all excavated test holes
- 2) a suitable house and well site for each lot
- 3) two replacement well sites or approximately 1500 square feet of approvable well area for each lot
- 4) all existing wells and septic reserve areas on the property
- 5) locations of any other relevant features such as streams, swales, or existing structures
- 6) a note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 7) a note indicating that depicted topography reflects field-matched information
- 8) a health officer signature block stating "approved for private water and private sewerage systems"
- 9) a MDE sewage disposal area statement is required

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-1771.

Very truly yours,

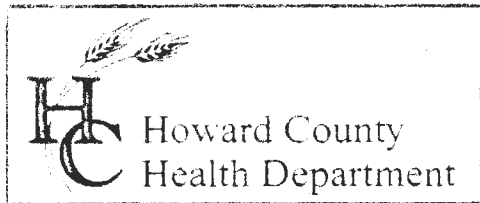
A handwritten signature in cursive script, appearing to read 'John A. Boris Jr.', is written over the typed name.

John A. Boris Jr., R.S.  
Development Coordination Section  
Well and Septic Program

JB

Enclosures

cc: Fisher, Collins, & Carter, Inc., Att: Mark Robel  
File



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

May 16, 2003

Mr. Ed Swartz  
647 Santa Maria Lane  
Davidsonville, Maryland 21035

**RE: Percolation Test Date**

Proposed Use: Establish sewage disposal area to accommodate 2-lot subdivision  
Property ID: 13535 State Route 144  
Tax Map: 15 Parcel: 1

Dear Mr. Swartz:

Percolation testing has been tentatively scheduled for the above referenced property for **Wednesday, June 4, 2003, at 9:00 a.m.** Please call this office at (410) 313-2640 to confirm your acceptance of this percolation test date.

The applicant shall be responsible for having a contractor on site to excavate the test holes to a minimum depth of 14' at the corners and middle of the proposed septic area. Please be advised that confirmation of the entire proposed septic reserve area shall be necessary at the time of testing. If unsatisfactory soil conditions are found, it may be necessary to excavate additional test pits.

In the event of uncertain weather (i.e., precipitation or extremes of temperature), please contact this office the day before the test date to determine whether or not percolation testing can be performed on that date. If it is not feasible to perform the test, a new test date shall be assigned at this offices earliest convenience.

Percolation test results may be expected by mail two weeks after the completion of the percolation testing.

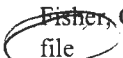
Thank you in advance for your cooperation in this matter.

Sincerely,

John A. Boris, Jr., R.S.

Well and Septic Program  
Development Coordination Section

JAB

cc:  Fisher, Collins, & Carter; Att: Mark Roebel  
file



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(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)

---

Penny E. Borenstein, M.D., M.P.H., Health Officer

June 22, 2004

TO: Cindy Hamilton  
Chief, Division of Land Development

FROM: John A. Boris, Jr., R.S.   
Well and Septic Program  
Development Coordination Section

RE: File Number: F-04-098  
Title: Swartz Property, Lots 1 & 2

The following comments apply to the plan prepared by Fisher, Collins, and Carter, Inc. The revisions/corrections mentioned below must be corrected prior to plan approval or signature. Applicant is advised to revise and resubmit prior to signature.

- Health Department acknowledges applicants response to well requirements and will continue to maintain this response until the wells are drilled.

JAB

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
Division of Land Development

DATE: \_\_\_\_\_

DPZ File No. \_\_\_\_\_

Department of Planning and Zoning

- Transportation Planning
- Historic Preservation
- Public Service and Zoning Administration
- Research
- Address Coordinator

- Environmental and Community Planning (Ag Pres/Route 1)
- Development Engineering Division
- Other
- File

Agencies

- Soil Conservation District
- Department of Inspections, Licenses & Permits
- Department of Fire and Rescue Services
- State Highway Administration
- Health Department
- Public School System
- Recreation and Parks
- WSSC
- MD Aviation Administration

- Tax Assessment
- Verizon
- BGE
- Cable TV
- Police
- MTA
- Finance
- DPW, Real Estate Services
- DPW, Construction and Inspection
- DPW, Bureau of Utilities

6/11/04

RE: \_\_\_\_\_

ENCLOSED FOR YOUR →  Signature Approval  Review & Comments  Files  
 THE ENCLOSED →  Original  Pre-Packaged Plan Set

Plans	# of Sheets	Supplemental Documents
<input type="checkbox"/> Sketch Plan	_____	<input type="checkbox"/> Wetlands Report
<input type="checkbox"/> Prel Equiv Sketch Plan	_____	<input type="checkbox"/> Soils/Topo Map/Drain Area Map
<input type="checkbox"/> Preliminary Plan	_____	<input type="checkbox"/> FSD/FCP/Worksheet and Application
<input type="checkbox"/> Final Plat/Plat of Easement/RE Plat	_____	<input type="checkbox"/> Declaration of Intent (Forest Cons)
<input type="checkbox"/> Final Constr Plans (RDS)	_____	<input type="checkbox"/> Drainage and/or Computation/Pond Safety Comps
<input type="checkbox"/> Final Development Plan	_____	<input type="checkbox"/> Preliminary Road Profiles
<input type="checkbox"/> Site Development Plan	_____	<input type="checkbox"/> APFO Roads Test/Mitigation Plan/Traffic Study
<input type="checkbox"/> Landscape Plan/Supplemental Plan	_____	<input type="checkbox"/> Noise Study
<input type="checkbox"/> Grading Plan	_____	<input type="checkbox"/> Sight Distance Analysis/Speed Flow Study
<input type="checkbox"/> House Type Revision/Walk-Thru Red-Line	_____	<input type="checkbox"/> Floodplain Study
<input type="checkbox"/> Water and Sewer Plan	_____	<input type="checkbox"/> Stormwater Management Comps/Geo-Tech Report
<b>Applications</b>		<input type="checkbox"/> Industrial Waste Survey (DPW)
<input type="checkbox"/> Waiver Petition Applic/Exhibit	_____	<input type="checkbox"/> Road Poster Form Letter
<input type="checkbox"/> Planning Board Application	_____	<input type="checkbox"/> Response Letter
<input type="checkbox"/> ASDP/CSDP Application	_____	<input type="checkbox"/> Perc Plat
<input type="checkbox"/> DED Application/Checklist	_____	<input type="checkbox"/> Scenic Road Exhibits
<input type="checkbox"/> DED Fee Receipt/Deeds/Cost Estimate	_____	<input type="checkbox"/> Deeds
		<input type="checkbox"/> Photographs
		<input type="checkbox"/> Retaining Wall Comps/Details
		<input type="checkbox"/> Poster/Community or HDC Meeting Information
		<input type="checkbox"/> Route 1 Details/Summary

WAS:  Received  Tentatively Approved  Recorded  
 Received and Revised  Approved On \_\_\_\_\_

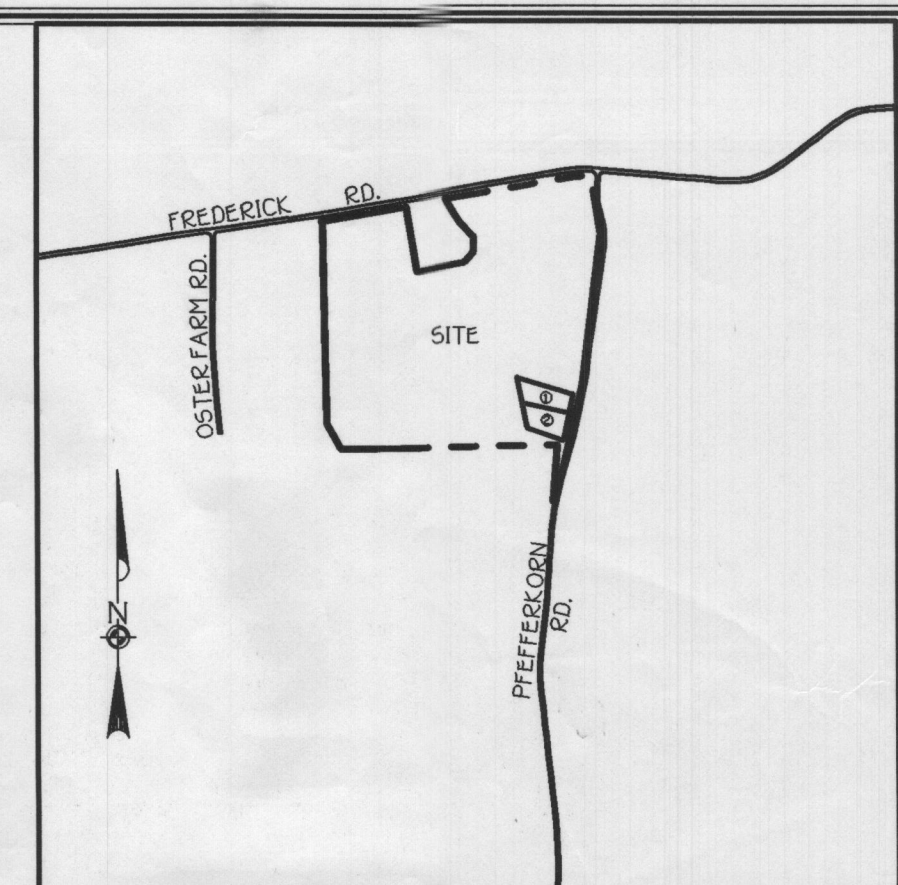
COMMENTS: see attached 6/12/04 SRC/Comments Due By: \_\_\_\_\_

Check, initial and return to the Department of Planning and Zoning if plan is approved with no comments.

DPZ STAFF INITIALS \_\_\_\_\_

SOILS LEGEND		
SOIL	NAME	CLASS
MIC2	Minor loam, 0 to 15 percent slopes, moderately eroded	B
MID2	Minor loam, 15 to 25 percent slopes, moderately eroded	B
ChA	Chester silt loam, 0 to 3 percent slopes	B
Ca	Cornus silt loam	B
ChC2	Chester silt loam, 0 to 15 percent slopes, moderately eroded	B
Gib2	Glenelg loam, 3 to 8 percent slopes, moderately eroded	B
GIC2	Glenelg loam, 0 to 15 percent slopes, moderately eroded	B
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
CgC2	Chester gravelly silt loam, 0 to 15 percent slopes, moderately eroded	B
MIC2	Minor loam, 0 to 15 percent slopes, moderately eroded	B
EkB2	Elk oak silt loam, 3 to 8 percent slopes, moderately eroded	B

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



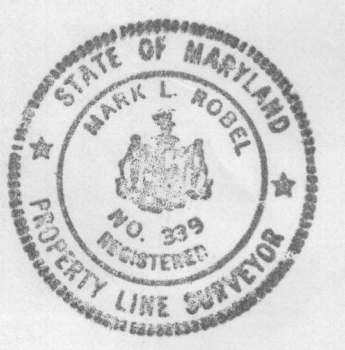
VICINITY MAP  
 SCALE: 1" = 1200'

GENERAL NOTES:

- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 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 VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THE EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
- DEED REFERENCE: 815/2777 ACREAGE: 55.874 AC'S.
- TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVALS INTERPOLATED FOR 2' CONTOURS AND FIELD VERIFIED TO BE CORRECT.

LEGEND

- EXISTING 2' CONTOURS
- - - EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES PROPOSED HOUSE
- ▨ DENOTES 15X-24.9X SLOPES
- ▩ DENOTES 25X AND GREATER SLOPE
- DENOTES 1500 SqFt. ALTERNATE WELL SITE



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.  
 Mark L. Robel 7/30/03  
 Signature of Professional Land Surveyor Date  
 Mark L. Robel Property Line Surveyor No. 339

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT.  
 Penny Borenstein MD, J.D. 8-4-03  
 COUNTY HEALTH OFFICER JAB DATE

Signal Copy  
 PERC CERTIFICATION PLAN  
**PENNINGTON ESTATES**

ZONED: RC-DEO  
 TAX MAP #15 GRID 2 PARCEL: 1  
 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 100' DATE: JULY 25, 2003

**LEGEND**

This Area Designates A Private Sewerage Easement Of 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 Easement Shall Not Be Necessary.

**PARCEL 1**

**OWNERS:**  
EDWARD L. SWARTZ  
&  
LYNETTE P. SWARTZ

Howard County Agricultural Land Preservation Easement HO-90-23-E

**PUBLIC LINE OF SIGHT EASEMENT**

COURSE	BEARING	DISTANCE
▲	N36°52'50"E	350.16'
▲	S54°17'59"E	21.30'
▲	S35°04'38"W	3.50'
▲	S40°25'25"W	347.77'
▲	N37°18'24"E	481.02'
▲	S35°04'38"W	519.40'
▲	N54°17'59"W	18.71'

**PRIVATE INGRESS, EGRESS, MAINTENANCE & UTILITY EASEMENT**

COURSE	BEARING	DISTANCE
1	N 38°43'56" E	24.00'
2	S 51°16'04" E	176.53'
3	N 37°45'56" E	134.14'
4	S 54°17'59" E	62.49'
5	S 35°04'38" W	35.00'
6	S 54°17'59" E	29.11'
7	S 37°45'56" W	130.35'
8	N 51°16'04" W	211.94'

**ZONING: RC-DEO**

Tax Map 15 Parcel 219  
Joachim Festerling and Sonja Festerling  
Liber 698, Folio 598

**ZONING: RC-DEO**

Tax Map 15 Parcel 2  
Gerald C. Odland  
And Dianne D. Odland  
Liber 3394, Folio 639

**ZONING: RC-DEO**

Tax Map 15 Parcel 185  
William D. Piper and  
Carolyn D. Piper, Wife  
Liber 868, Folio 75

N 182270.7664  
Metric  
N 598000  
E 40983.2080  
E 131500

**ZONING: RC-DEO**

Tax Map 15 Parcel 207  
Gary S. Norcutt  
Liber 4403, Folio 455

**Area Tabulation For Sheet 3**

Total Number Of Buildable Lots To Be Recorded	2
Total Number Of Open Space Lots To Be Recorded	0
Total Number Of Non-Buildable Bulk Parcel To Be Recorded	0
Total Number Of Lots/Parcels To Be Recorded	2
Total Area Of Buildable Lots To Be Recorded	2.000 Ac.±
Total Area Of Open Space Lots To Be Recorded	0.000 Ac.±
Total Area Of Non-Buildable Bulk Parcel To Be Recorded	0.000 Ac.±
Total Area Of Lots/Parcels To Be Recorded	2.000 Ac.±
Total Area Of Roadway To Be Recorded	0.000 Ac.±
Total Area To Be Recorded	2.000 Ac.±

The Requirements S3-100, The Real Property Article, Annotated Code Of Maryland, 1988 Replacement Volume, (As Supplemented) As Far As They Relate To The Making Of This Plat And The Setting Of Markers Have Been Complied With

*Mark L. Robel* 6/9/04  
Mark L. Robel (Property Line Surveyor), \*339 Date

Edward L. Swartz \_\_\_\_\_ Date  
(Owner)

Lynette P. Swartz \_\_\_\_\_ Date  
(Owner)

**ZONING: RC-DEO**

Tax Map 15 Parcel 4  
Robert Matthews, Trustee  
Jeanne M. Matthews, Trustee  
Liber 7029, Folio 665

**Owner And Developer**

Edward L. Swartz  
Lynette P. Swartz  
\*647 Santa Maria Lane  
Davidsonville, Maryland 21035

**OWNER'S CERTIFICATE**

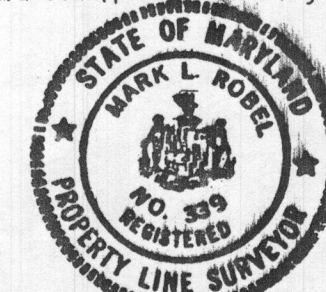
Edward L. Swartz And Lynette P. Swartz, Owners Of The Property Shown And Described Hereon, Hereby Adopt This Plan Of Subdivision, And In Consideration Of The Approval Of This Final Plat By The Department Of Planning And Zoning, Establish The Minimum Building Restriction Lines And Grant Unto Howard County, Maryland, Its Successors And Assigns: (1) The Right To Lay, Construct And Maintain Sewers, Drains, Water Pipes And Other Municipal Utilities And Services In And Under All Roads And Street Rights-Of-Way And The Specific Easement Areas Shown Hereon; (2) The Right To Require Dedication For Public Use The Beds Of The Streets And/Or Roads And Floodplains And Open Space Where Applicable And For Good And Other Valuable Consideration, Hereby Grant The Right And Option To Howard County To Acquire The Fee Simple Title To The Beds Of The Streets And/Or Roads And Floodplains, Storm Drainage Facilities And Open Space Where Applicable; (3) The Right To Require Dedication Of Waterways And Drainage Easements For The Specific Purpose Of Their Construction, Repair And Maintenance; And (4) That No Building Or Similar Structure Of Any Kind Shall Be Erected On Or Over The Said Easements And Rights-Of-Way. Witness My Hand This 6th Day Of January, 2004.

Edward L. Swartz \_\_\_\_\_ Witness

Lynette P. Swartz \_\_\_\_\_ Witness

**SURVEYOR'S CERTIFICATE**

I Hereby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of All Of The Lands Conveyed By John W. Pennington, III, Lynette P. Swartz And Sharon P. Osuna To Edward L. Swartz And Lynette P. Swartz By Deed Dated November 27, 2002 And Recorded Among The Land Records Of Howard County, Maryland In Liber No. 6945 At Folio 371, And That All Monuments Are In Place Or Will Be In Place Prior To Acceptance Of The Streets In The Subdivision By Howard County, Maryland As Shown, In Accordance With The Annotated Code Of Maryland, As Amended, And Monumentation Is In Accordance With The Howard County Subdivision Regulations.

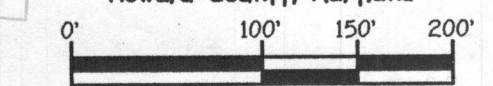


*Mark L. Robel* 6/9/04  
Mark L. Robel, Property Line Surveyor No. 339 Date

RECORDED AS PLAT No. \_\_\_\_\_ ON \_\_\_\_\_  
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

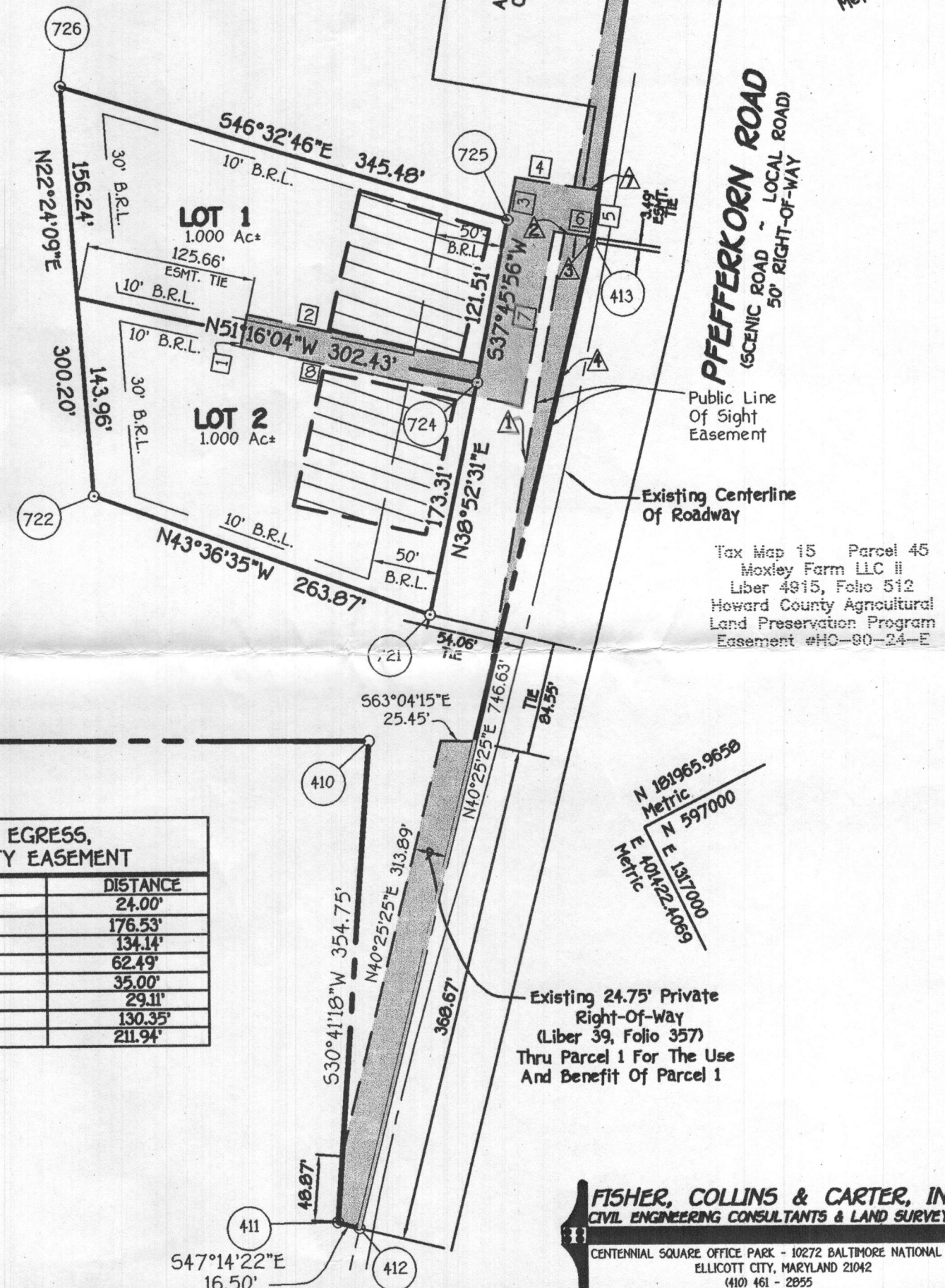
**Agricultural Preservation Subdivision Plat,  
The Swartz Property,  
Lots 1 And 2**

Zoned: RC-DEO  
Tax Map: 15 Grid: 2 Parcel: 1  
Third Election District  
Howard County, Maryland

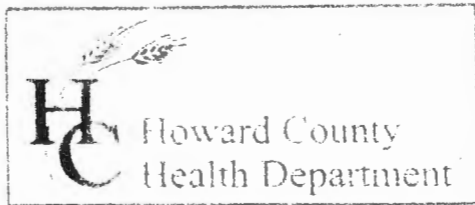


Scale: 1" = 100'

Date: March 25, 2004  
Sheet 1 Of 2







3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-317-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

April 12, 2004

TO: Cindy Hamilton  
Chief, Division of Land Development

FROM: John A. Boris, Jr., R.S.  
Well and Septic Program  
Development Coordination Section

RE: File Number: F-04-098  
Title: Swartz Property

The following comments apply to the plan prepared by Fisher, Collins, & Carter, Inc. The revisions/corrections mentioned below must be corrected prior to plan approval or signature. Applicant is advised to revise and resubmit prior to signature.

- Health Department acknowledges applicants response to well requirements therefore, all wells are to be drilled prior to record plat signature.

JAB