



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

01519645

AGENCY REVIEW: _____

DATE 11/15/04

DO NOT WRITE ABOVE THIS LINE

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

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH _____ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE *UNKNOWN* IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Albert Schulze

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____

APPLICANT John Schulze
STREET CITY/TOWN STATE ZIP

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____

STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME _____ LOT NO. _____

PROPERTY ADDRESS 1685 St. Michael's Rd
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 7 GRID _____ PARCEL(S) 213 PROPOSED LOT SIZE _____

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P

9

red brn
cl lm
30-40%
shale

7

10

red brn
cl lm

3

tan brn
hvy lm

5

yel tan blk
beige gray
fine salm
10-15%
saprolite

10 1/2

11

brn orge
cl lm

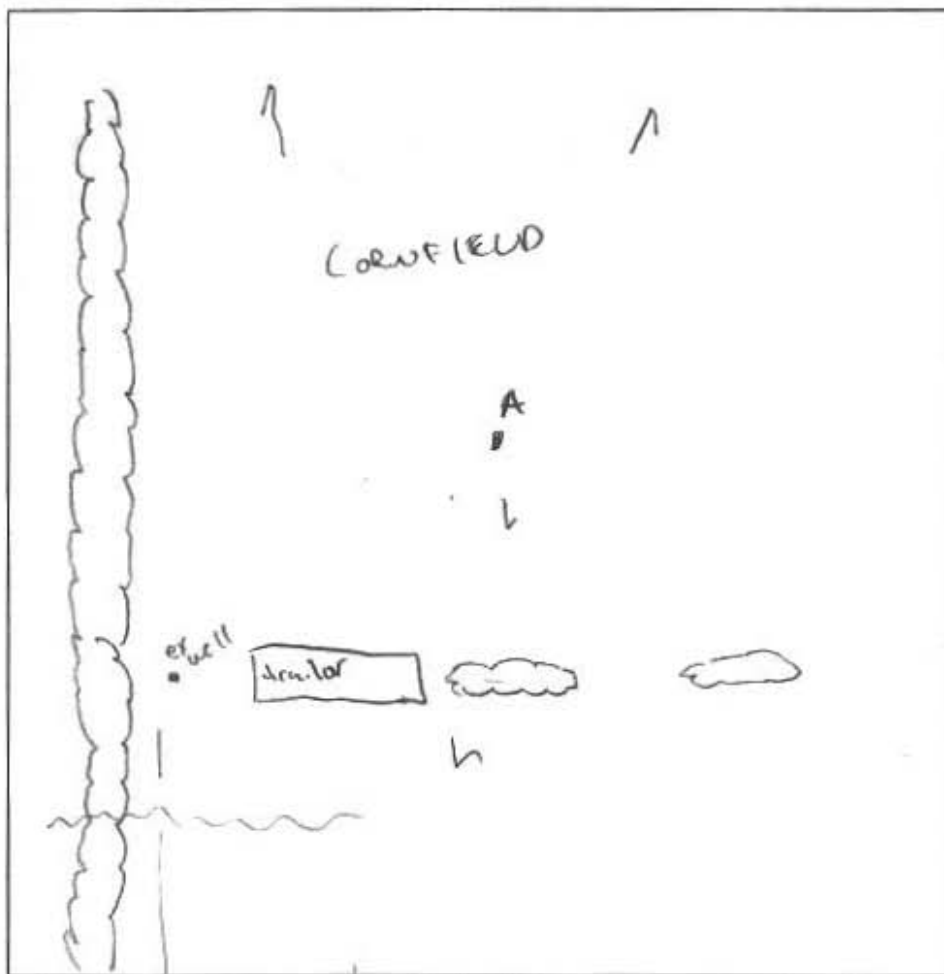
4

yel tan
sa lm
15-20%
saprolite

8

brn sa lm
20-25%
shaley
saprolite

11



St Michaels

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
12/23/03	9 V	7	NOT TESTED				F
	10 V	10 1/2					P
	11 V	11					P
11/15/04	A	5 / 12	9:09	stopped - 2 slow.			
Repair		10 / 12	9:31	9:37	9:50	13	P

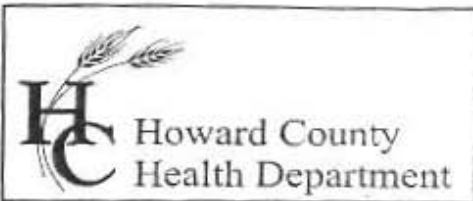
REMARKS - middle hole.

SANITARIAN 11/15/04 KJB/PP BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

A
brown l
orange
brown
sil
(sab)
4' 10"
orange
yellow
brown
sil
→ si
w/
15-20%
saprolite



7178 Columbia Gateway Drive, Columbia, MD 21046

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

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

website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer
November 15, 2004

John Schulze
258 Streaker Road
Sykesville MD, 21784

RE: PERCOLATION TEST RESULTS
Tax Map 7, Parcels 213
Schulze Property, St. Michael's Road
Proposed Agricultural Tenant House

Mr. Schulze:

Percolation testing conducted November 15, 2004 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:

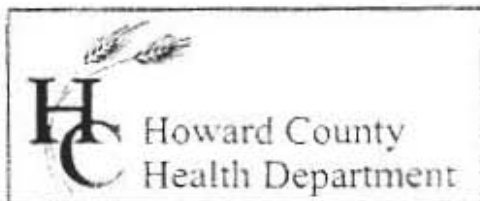
- 1) Actual locations and elevations of all excavated test holes
- 2) Suitable house locations
- 3) The existing sewage disposal area on the property
- 4) Locations of any other relevant features such as streams, swales, or existing structures
- 5) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 6) A note indicating that depicted topography reflects field-matched information
- 7) A health officer signature block stating "approved for private water and private sewer systems"
- 8) 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.

Sincerely,

Kevin J. Bell
Water and Septic Program

KB
Enclosures
cc: 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

January 16, 2004

John Schulze
285 Streaker Road
Sykesville, MD 21784

RE: Percolation Test Results – A519645
Schulze Property, Tax Map 7, P. 213
St. Michael's Road
Proposed Agricultural Tenant House

Dear Mr. Schulze:

Percolation testing conducted December 23, 2003 on the referenced property indicated limited satisfactory soil conditions. The primary limiting factors are shallow groundwater and shallow bedrock in the vicinity of the original test area, although satisfactory soils were eventually encountered to the east of the original test area. 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:

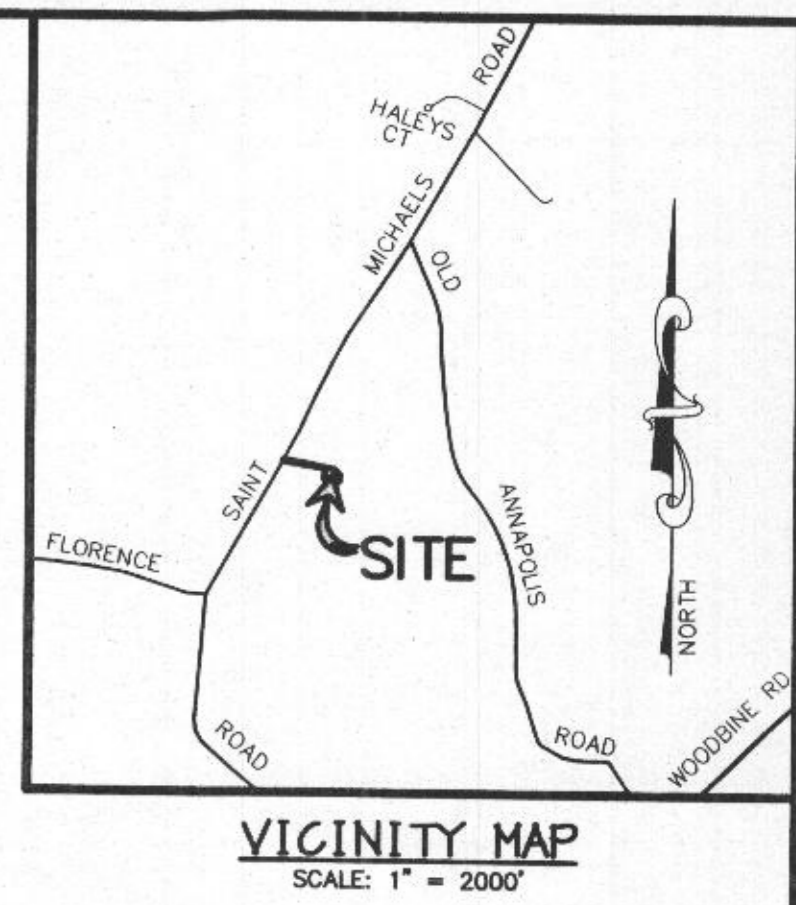
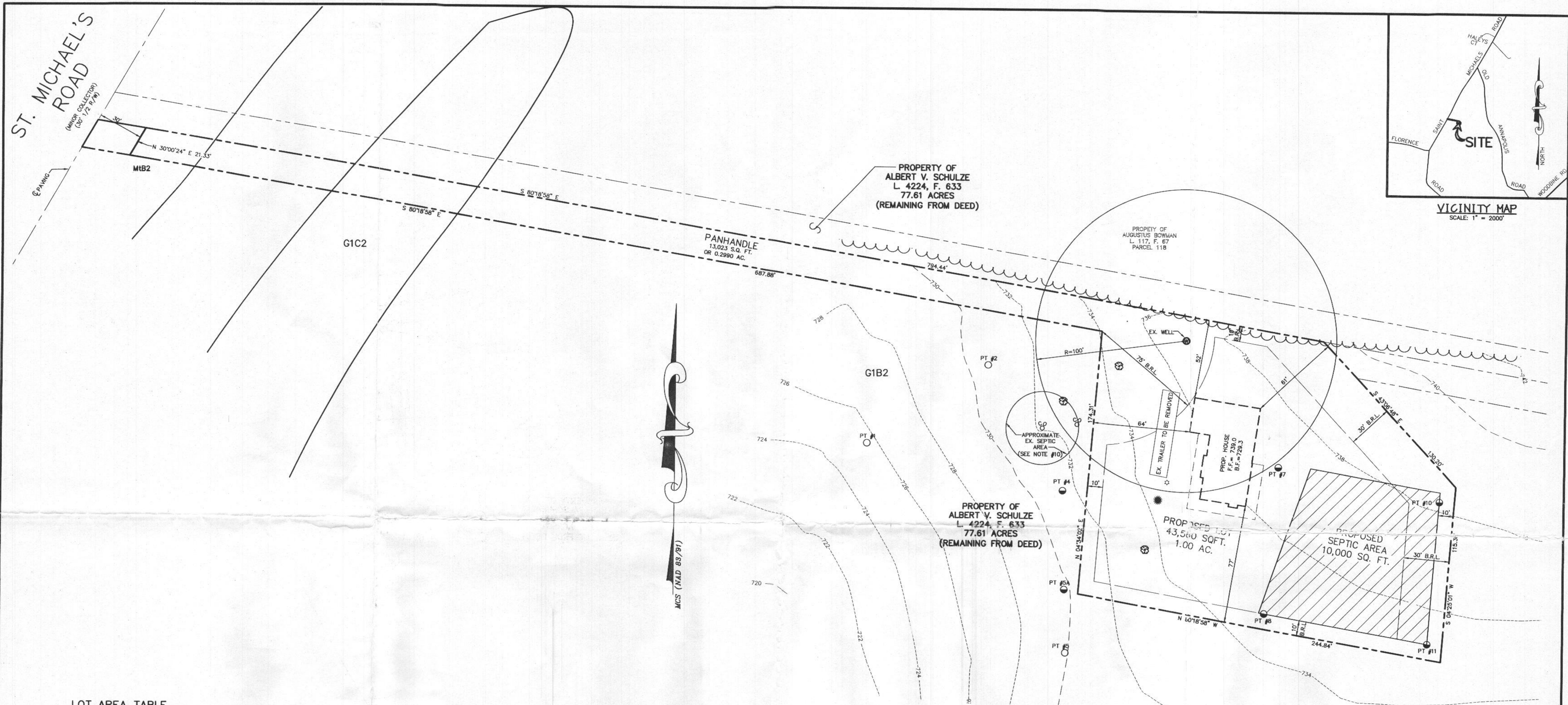
- 1) actual locations of all excavated test holes with suitable identification, plus distinguishing symbols for passed and failed test holes
- 2) the existing trailer, well and septic system, with a schedule for proper abandonment of the existing septic system
- 3) the proposed house and sewage reserve area
- 4) a note that the existing well will be yield tested prior to issuance of a building permit
- 5) certification that all existing wells and septic systems within 100 feet of the proposal have been shown;
- 6) field-verified topography in the vicinity of the proposed sewage reserve area with a note documenting same
- 7) the plan identification number (PC 519645) in the title block

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,

Mark E. Rifkin, R.S.
Well and Septic Program

MR
Enclosures
cc: File



LOT AREA TABLE

TOTAL AREA	56,583 S.Q. FT.	1.2990 AC.
PANHANDLE	13,023 S.Q. FT.	0.2990 AC.
NET AREA	43,560 S.Q. FT.	1.0000 AC.

GENERAL NOTES

- THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. 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 TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- PERC HOLES & TOPOGRAPHY SHOWN HEREON OBTAINED BY FIELD SURVEY BY PATTON, HARRIS, RUST & ASSOCIATES, PC, JUNE 2004.
- PERC HOLES PASSED, FAILED.
- ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' OF PROPERTY LINES HAVE BEEN SHOWN.
- THERE ARE NO SLOPES 25% OR GREATER WITHIN 25' OF PROPOSED SEPTIC AREA.
- THE SUBJECT PROPERTY IS ZONED RC-DEO (AS EASEMENT PURCHASED).
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
- EXISTING CLEAN OUT SHOWN AS .
- EXISTING WELL TO BE YIELD TESTED PRIOR TO ISSUANCE OF A BUILDING PERMIT.
- THE EXISTING TRAILER WILL BE REMOVED AND THE EXISTING SEPTIC SYSTEM WILL BE ABANDONED AT THE APPROPRIATE TIME THEREAFTER.

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.

Thomas L. Frazier, Jr. 2/21/04
 THOMAS L. FRAZIER, JR. #21097 DATE



APPROVED: FOR PRIVATE SEWAGE SYSTEMS BY THE HOWARD COUNTY HEALTH DEPARTMENT.

HOWARD COUNTY HEALTH OFFICER DATE

OWNER
 ALBERT V. SCHULZE
 LIBER 4224 AT FOLIO 633
 C/O
 JACK SCHULZE
 285 STREAKER ROAD
 SYKESVILLE, MARYLAND 21784

PROJECT: PROJECT NO. PC-519645
SCHULZE PROPERTY
 SITUATED ON ST. MICHAEL'S ROAD

AREA: PARCEL 213 TAX MAP 7 GRID 20 ZONED RC-DEO
 4th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE
 PERC CERTIFICATION PLAN

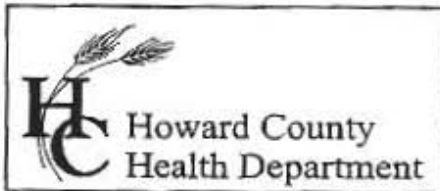
Patton Harris Rust & Associates, pc
 Engineers. Surveyors. Planners. Landscape Architects.

PHRA 8818 Centre Park Drive
 Columbia, MD 21045
 T 410.997.8900
 F 410.997.9282

DRAWN BY: H.J.M.	DATE: 09-24-04
PROJECT No. 13039-1-0	SCALE: 1" = 30'
FILE NAME: PERC-CERT.DGW	DRAWING No. 1 OF 1

Map Symbol **Mapping Unit**

G1B2	Glenelg loam, 3 to 8 percent slopes, moderately eroded.
G1C2	Glenelg loam, 8 to 15 percent slopes, moderately eroded
MtB2	Mt. Airy channery loam, 3 to 8 percent slopes, moderately eroded



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Penny E. Borenstein, M.D., M.P.H., Health Officer
November 15, 2004

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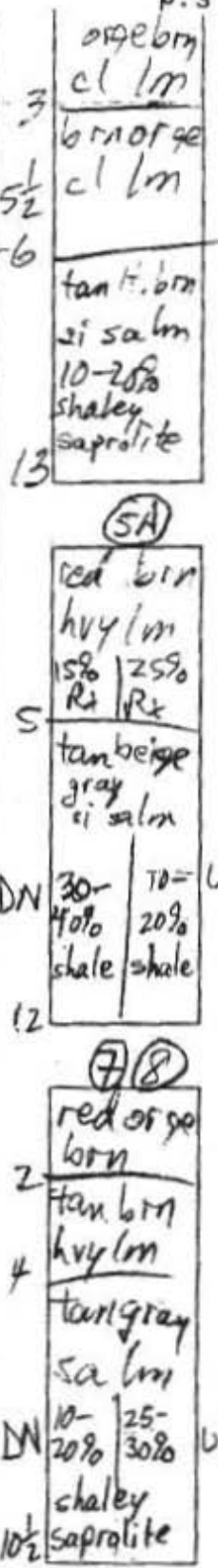
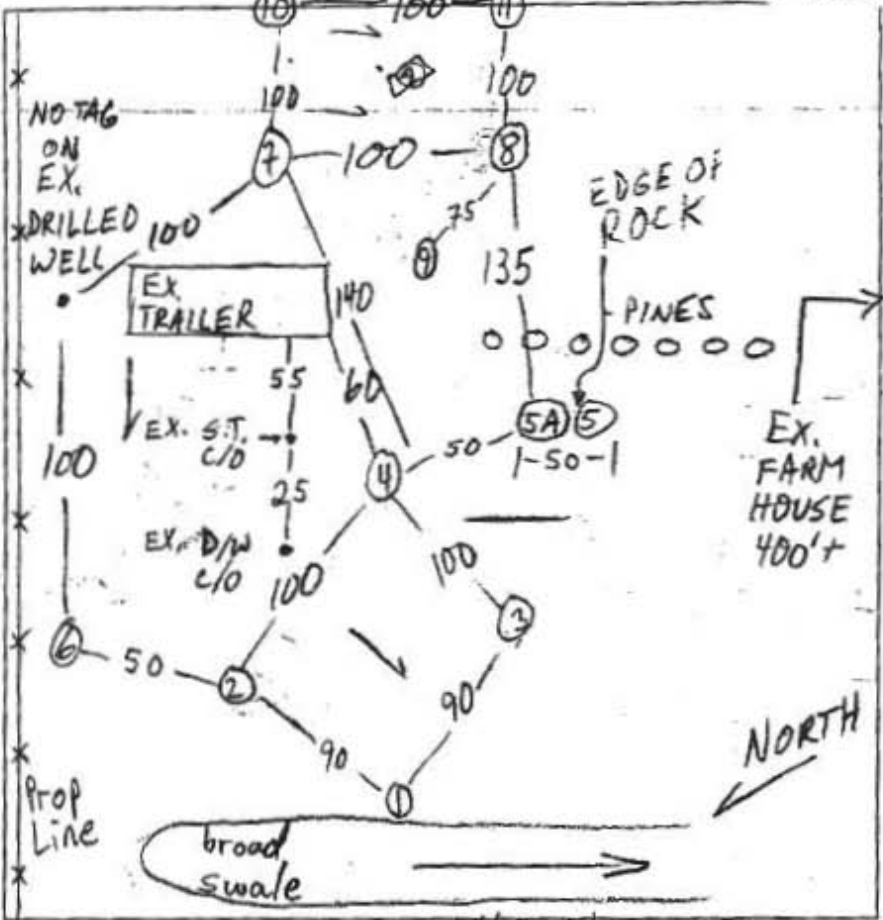
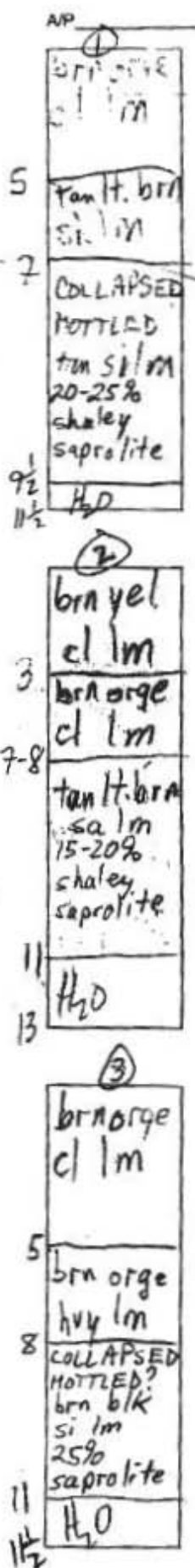
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Sincerely,



Kevin J. Bell
Water and Septic Program

KB
Enclosures
cc: File



ST. MICHAEL'S RD

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2nd INCH	PFM	
12/23/03	1 V	11 1/2	H ₂ O	@ 9 1/2			F	
	2 V	13	H ₂ O	@ 11	3/4"		F	
	3 V	11 1/2	H ₂ O	@ 11			F	
	4 V	13	10:40	10:49	11:03	14	P	
	5 V	5-11	30-80% R _x	WORSE NW			F	
	5A V	8 1/2	11:34	11:37	11:55	8	P	
			11:32	11:37	11:47	10	P	
	6 V	11?	NOT OBSERVED, NOT TESTED					
	7 V	10 1/2	12:42	12:53	1:08	15	P	
	8 V	10 1/2					P	

REMARKS ORIG TEST AREA FAILS

SANITARIAN M. Ritkin BACKHOE John Schulze OTHERS _____
 TEST HOLES USED IN SOA 7-8-10-11 AVG. PERC TIME 15 SQ. FT/BR 210/6
 TRENCH WIDTH 3 INLET DEPTH 4 1/2 MAX. BOT DEPTH 6 1/2 EFFECTIVE SW 2

AP 9
 red brn
 cl lm
 30-40%
 shale

7

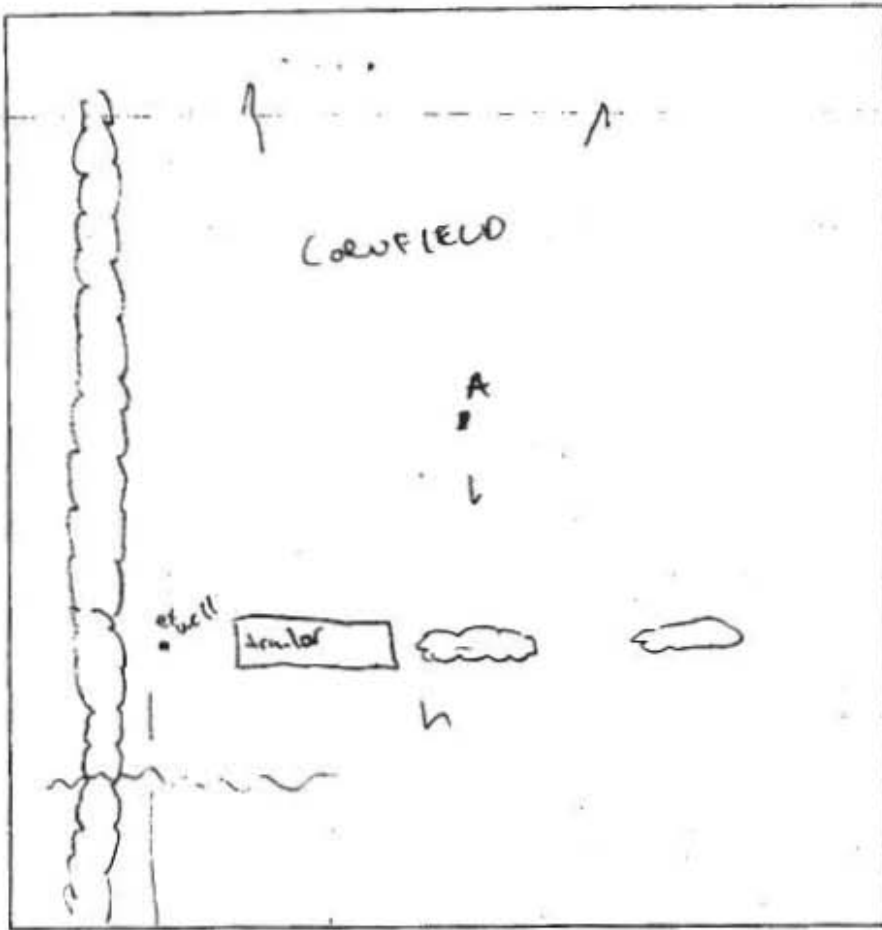
10
 red brn
 cl lm
 3
 tan brn
 hvy lm
 5
 yel tan blk
 beige gray
 fine sa lm
 10-15%
 saprolite

10 1/2

11
 brn orge
 cl lm
 4
 yel tan
 sa lm
 15-20%
 saprolite

8
 brn sa lm
 20-25%
 shaley
 saprolite

11



ST Muckals

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
12/23/03	9 V	7	NOT TESTED				F
	10 V	10 1/2					P
	11 V	11					P
11/15/09	A	5 / 12	9:09	shard - 2 shw.			
Repair		6 / 12	9:31	9:37	9:50	13	P

Blank box

A
 brown l
 orange
 brown
 sil
 (sab)

4 1/2
 orange
 yellow
 brown
 sil
 → sil
 w/
 15-20%
 saprolite

Blank box

REMARKS - middle hole.

SANITARIAN 11/15/09 KJB/PA BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____