

Bureau of Environmental Health
 7178 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

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

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION A557385

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME SAAH Property LOT # _____
 PROPERTY ADDRESS 14406 Triadelphia Mill Rd Henry MD 21036
STREET TOWN ZIP
 TAX ACCOUNT # _____ TAX MAP 27 GRID 17 PARCEL 137 ZONING DESIGNATION R
TOWN Dayton

PROPERTY OWNER(S)

Jeff Yourick
 DAYTIME PHONE 410-627-5097 CELL _____ EMAIL _____
 MAILING ADDRESS SAME
STREET CITY, STATE ZIP

APPLICANT

Fogle's Septic RELATIONSHIP TO OWNER: Contractor
 DAYTIME PHONE 410-795-5870 CELL _____ EMAIL Kim@foglesinc.com
 MAILING ADDRESS 580 Obrecht Rd Sykesville MD 21784
STREET CITY, STATE ZIP

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

- BUILDING:**
- RESIDENTIAL WITH 5 EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE
 - COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)
- PROPERTY:**
- SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: _____
 - CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
 - REPAIR OR REPLACE FAILING OSDS
 - UPGRADE EXISTING OSDS
- IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?
- YES
 - NO

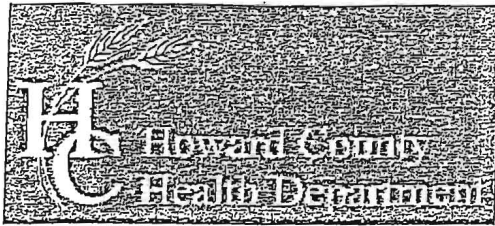
AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
- THE APPLICATION FEE IS NON-REFUNDABLE
- THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
- THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

 SIGNATURE OF APPLICANT DATE



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

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

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

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

INFORMATION FORM - SEPTIC SYSTEM REPAIR/UPGRADE

Reason for Request:

- Failing System
 System relocation for proposed addition
 System upgrade for proposed addition
 Inadequate treatment zone
 Collapsed septic tank
 Collapsed drywell

Has the septic tank been pumped within the last month?

- Yes Date pumped:
 No

Was a visual inspection of the septic tank and/or drain fields conducted?

- Yes Explain observations: Pump system works - Tanks @ Normal Level
 No

Was a visual inspection of the sewage line conducted?

- Yes
Blockage leading to the tank
 Yes. Explain:
 No
Blockage leading to the field
 Yes. Explain:
 No Effluent surfacing

Existing system design

- Drywell
 Trench
 Mound
 Unknown
 Other:

Is discharge surfacing on the ground?

- Yes
 No

Additional Comments:

*For REPAIRS, are the owners proposing, or do they plan to add in the future, any additions or modifications to the property, i.e. pools, living space additions, garages, etc? This information must be disclosed at the time of this application.

Septic Contractor: Fogler's Septic Contractor's Phone: 410-795-5670
Contractor's Address: 580 ORCHARD RD. Sykesville MD 21784
Property Address: 14406 Tradelphua Hill Rd County file:
Subdivision: SAATH Property Lot: 2 Year Built: 2001
Owner's Name: Jeff + Dina Yankick Owner's Phone: 410-627-5897

Name of previous owners: Existing bedrooms: 5
Proposed bedrooms: 2

Has this request been previously discussed with a Sanitarian? (Name):
Public Sewer available/nearby:

*A Sanitarian will be in contact within three business days, depending upon the urgency of the situation, to coordinate the scheduling/review of the repair or upgrade.

Prior to scheduling inspections, scaled plans should be submitted to clarify the nature of the addition.

Print out a copy of Real Property Data via Dept. of Taxation website Indexed file found

If public sewer may be nearby, verify whether sewer is technically "available" through the Bureau of Engineering.

If sewer is available and the property is within the Metropolitan District, connection to sewer is required: If the owner believes reason for exemption exists, the owner should justify the request in writing.

If soil/site conditions are limited and sewer and/or Metro District status is not conducive to connection, the Sanitarian may recommend pursuit of Emergency Sewer Extension or Emergency Metro District Inclusion. The Owner should contact the Bureau of Utilities for details.

No permit is to be issued nor inspection to be scheduled without prior fee collection at the office unless an emergency situation exists. The contractor is to notify office of the emergency situation as soon as possible.

5252- ILEX WAY

map 27 GMD 17 Parcel 137

NOTES:

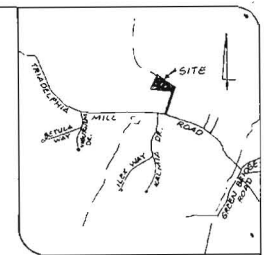
1. THE PROPOSED SEPTIC SYSTEM FOR THIS LOT REQUIRES A PUMP.
2. PUMP CHAMBER TO BE A MINIMUM 1000 GALLON, 10 HP STAND-ALONE PUMP UNIT WITH DUAL SUPPLY LINE PUMPS. PUMPS SHALL BE EQUIPPED WITH AUDIBLE AND VISUAL ALARM SYSTEMS FOR HIGH WATER AND PUMP MALFUNCTION. ALARM SYSTEM SHALL BE INSTALLED FOR HIGH WATER AND PUMP MALFUNCTION. ALARM SYSTEM SHALL BE INSTALLED ON A SEPARATE ELECTRICAL OUTLET. INSTALL CHECK VALVES AS REQUIRED.
3. PROVIDE MANHOLE AT LAUNCH TO FINISHED GRADE AT PROPOSED SEPTIC TANK AND PUMP CHAMBER.
4. DETAILS AND SPECIFICATIONS OF THE PROPOSED PUMPS WITHIN THE PUMP PIT TO BE SUPPLIED BY THE CONTRACTOR FOR REVIEW AND APPROVAL BY THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO ISSUANCE OF A SEPTIC PLUMBING PERMIT.
5. LIMIT OF DISTURBANCE 36250 SQ. FT.

SEPTIC SYSTEM DESIGN DATA

1. INVERT AT FOUNDATION WALL 210.08 FIRST FLOOR SERVICE ONLY (WALLING WITH INTERIOR PUMP PIT FOR BASEMENT SERVICE)
2. 1000 GALLON SEPTIC TANK (1 BEDROOM) PROVIDE MANHOLE TO GRADE. EXISTING GROUND OVER TANK: 211.00. PROPOSED GRADE OVER TANK: 213.00. INVERT IN: 210.00. INVERT OUT: 210.00.
3. 1000 GALLON PUMP CHAMBER EXISTING GROUND OVER CHAMBER: 211.50. PROPOSED GRADE OVER CHAMBER: 212.00. INVERT IN: 209.00. INVERT OUT: 209.25.
4. DISTRIBUTION BOX (6 OUTLETS) MEDIUM EXISTING GROUND OVER BOX: 213.70. PROPOSED GRADE OVER BOX: 214.70. INVERT IN: 213.00.
5. TRENCH DESIGN: 30 LF PER BEDROOM X 3 = 150 LF.

	(A)	(B)	(C)	(D)	(E)	(F)
Ex. Ground	217.50	214.20	213.00	214.70	212.00	212.00
Prop. Grade	216.00	215.20	214.20	212.20	212.00	211.00
Bottom	214.50	212.70	211.00	211.70	210.00	209.00
Length	103'	87'	80'	86'	83'	80'
Width	3 FT.	3 FT.	3 FT.	3 FT.	3 FT.	3 FT.

NOTE: TRENCH DESIGN MAY BE REVISED AT TIME OF INSTALLATION BASED ON SITE CONDITIONS.



VICINITY MAP
Scale: 1" = 2000'

- SEQUENCE OF CONSTRUCTION**
1. OBTAIN GRADING PERMIT. 1 DAY
 2. NOTIFY THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS AT LEAST 24 HOURS PRIOR TO STARTING CONSTRUCTION. 1 DAY
 3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE. 1 DAY
 4. INSTALL 5 FT FENCE AT LIMIT OF DISTURBANCE SHOWING TRENCH. 1 DAY
 5. CLEAR AND GRUB SITE TO SUBGRADE. 20 DAYS
 6. BEGIN BACKFILL FOR HOUSE FOUNDATION AND BEGIN HOUSE CONSTRUCTION ON FINAL SEPTIC SYSTEM. 20 DAYS
 7. THE CONTRACTOR SHALL MAINTAIN AND PROVIDE NECESSARY MAINTENANCE ON THE SEGMENT AND PROTECT CURBS, STRUCTURES FROM WHICH ALL FRESH RAINFALL WILL BE DRAINED. 1 DAY
 8. RESTART CONSTRUCTION FROM FOUNDATION AND OVER STABILIZED CONSTRUCTION ENTRANCE. 1 DAY
 9. FINE GRADE SITE AND STABILIZE WITH PERMANENT SOFTENING, MULCHING AND SOIL MULCH. INSTALL PERMANENT DRIVEWAY AND HOUSE AREA. 1 DAY
 10. WITH PERMISSION FROM THE SEGMENT CONTROL AGENCIES REMOVE ALL SEGMENT AND PROTECT CURBS, MULCHING AND STABILIZE ALL REMAINING DISTURBED AREAS WITH PERMANENT SOFTENING AND STABILIZATION. 1 DAY
- TOTAL 94 Days**

LEGEND

- - - - - 920 - - - EXISTING GROUND
- - - - - 955 - - - PROPOSED GRADE
- ⊙ EXISTING WELL
- - - - - DRAINAGE FLOW
- - - - - 55' - 55' SUPER SILT FENCE
- LIMIT OF DISTURBANCE

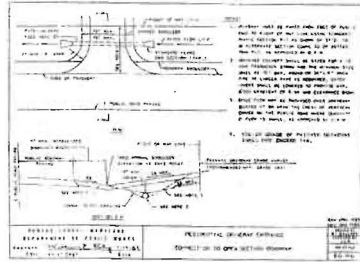
TRIA PHIA ROAD
MILL (60' R/W)

LANDOWNER'S CERTIFICATE
I hereby certify that I am the owner of the above described property and that I have read and understand the terms and conditions of the proposed subdivision and I hereby agree to the same and I hereby authorize the subdivision of the above described property as shown on the attached plat.

[Signature]
Date: 5/14/01

DEVELOPER'S CERTIFICATE
I hereby certify that I am the developer of the above described property and that I have read and understand the terms and conditions of the proposed subdivision and I hereby agree to the same and I hereby authorize the subdivision of the above described property as shown on the attached plat.

[Signature]
Date: 5/14/01



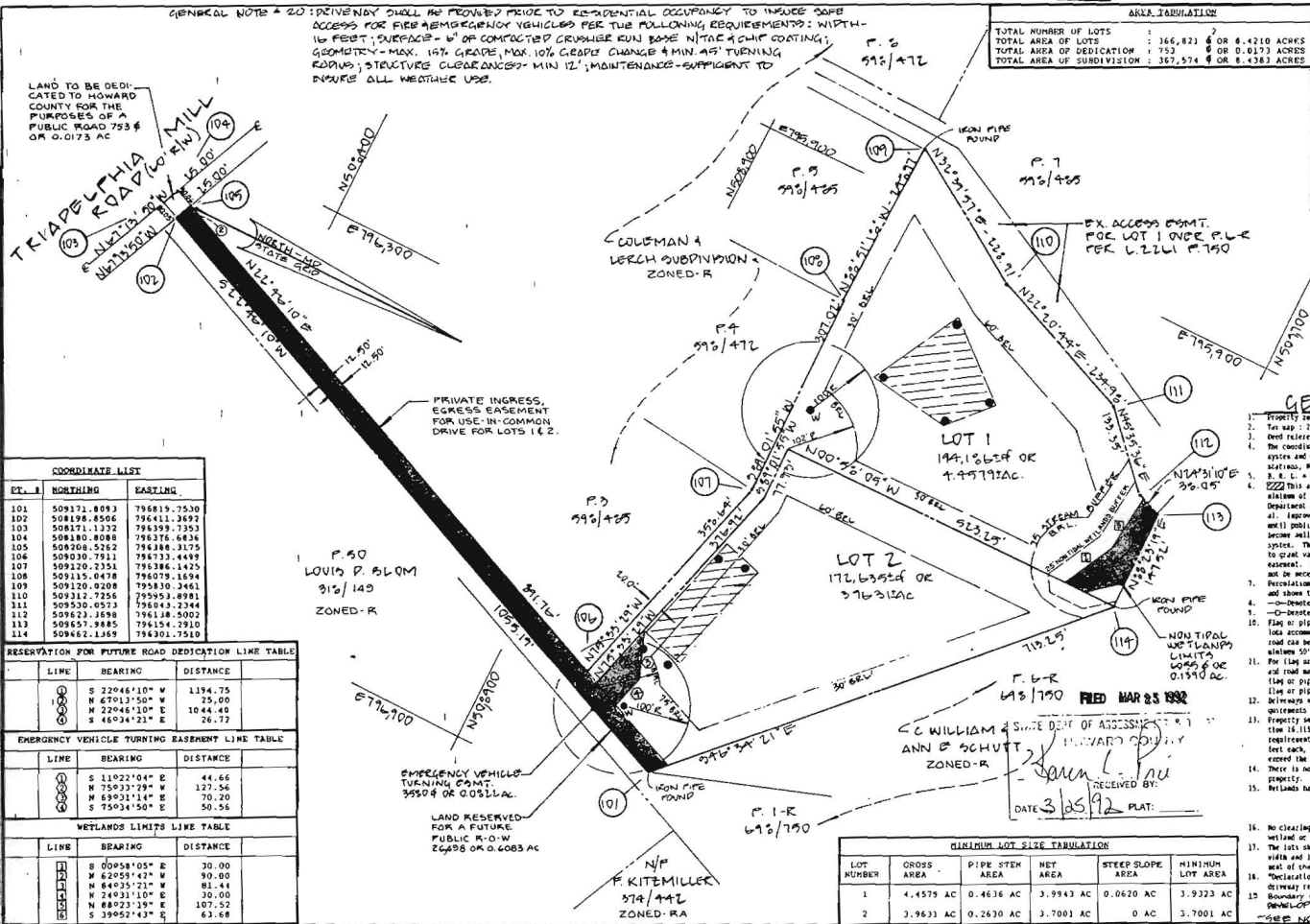
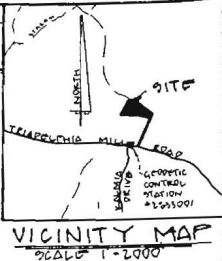
LDE, INC
9256 Rumsey Road Suite 106, Columbia, MD 21045
(410) 715-1070 (301) 596-3424 (410) 715-9540 (fax)

DESIGN: BDB	GRADING AND SEDIMENT CONTROL PLAN	SCALE: 1" = 50'
DRAWN: KDW	SAAH PROPERTY LOT 2	DRAWING: 1 OF 2
DESIGN: BDB	TAX MAP: 27, P10 PARCEL 21	DATE: 07/02/01
DATE: 4/20/01	5th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND	FILE NO: 142-10
	CUMBERLAND DEVELOPMENT CORP 16391 A & B Millstone Road Woodbine, MD 21791 (301) 850-4838	

CP 01-181

AREA TABULATION

TOTAL NUMBER OF LOTS	366,822	OR	6,4210 ACRES
TOTAL AREA OF LOTS	753	OR	0.6173 ACRES
TOTAL AREA OF SUBDIVISION	367,574	OR	6.4383 ACRES



- GENERAL NOTES
- Property lines are shown per comprehensive zoning plan. Tax map: 27/area: 21.
 - Deed reference: Liber 2096 Folio 265.
 - The coordinates shown herein are based on the Maryland State system and derived from the following geodetic control stations: No. 101981 (NAD 83 277) & L.C. - Building restriction line.
 - This area contains a private sewage easement of a minimum of 18.00 meters feet as required by Maryland State Department of the Environment for individual sewage disposal. Impoverishment of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachment into the private sewage easement. Installation of a modified sewage easement shall not be necessary.
 - Retention test holes shown herein have been field located and shown lines:
 - Dotted line: hole to be set.
 - Dashed line: concrete monument to be set.
 - Flag or pipe stake into shall not be further subdivided into lots accommodating additional residences unless a public road can be constructed according to county standards on a minimum 50' right-of-way to be deeded to the county.
 - The flag or pipe stake area, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipe stake and road right-of-way and not onto the flag or pipe stake.
 - Debris and rain sewer top or man hole must meet the requirements of the Howard County Fire Department.
 - Property subject to M91-19 which granted a waiver to section 24.115 (b) (3) to reduce the public road frontage requirement of 75 feet for two adjacent pipe stakes to 12.5 feet each, and 16.115 (c) (1) (ii) to allow pipe stakes to enter the existing 190 feet in length.
 - There is no 100 year flood plain on or adjacent to subject property.
 - Retains based on a study by: Joe E. Bentlow, Retlands Biologist, 831 Opeltowne Street, New Carrollton, MD 20784.
 - No clearing, grading or construction is permitted within wetland or stream buffers.
 - The lots shown herein comply with the minimum overall width and lot area as required by the Maryland State Department of the Environment.
 - "Declaration of Assurances Agreement" for use in common driveway recorded in Liber 2746 at Folio 516 - recorded March 1991.
 - Boundary survey completed August 30, 1993 by DEVELOPMENT CONSULTANTS GROUP, INC.
- SEE NOTE 20 ABOVE LEFT

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

James M. Boyle 12-23-91
HOWARD COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

Deborah C. DeCoyne 12/23/91
DIRECTOR DATE

APPROVED FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROAD HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

James M. Boyle 11/13/91
DIRECTOR DATE

OWNERS CERTIFICATE

WE, GEORGE AND ANGELA SAAM, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAN BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNID 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 RIGHT OF WAYS 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 THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHT OF WAY.

WITNESS OUR HANDS THIS 12th DAY OF 1991.

GEORGE SAAM ANGELA SAAM

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREIN IS CORRECT, THAT IT IS A SUBDIVISION OF ALL OF THE LAND CONVEYED FROM C. WILLIAM SCHUTT AND ANNE E. SCHUTT TO GEORGE SAAM AND ANGELA M. SAAM BY DEED DATED JULY 27, 1989 AND RECORDED IN LIBER 2096 AT FOLIO 265 AND RECORDED AMONG THE RECORDS OF HOWARD COUNTY MARYLAND AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.

DATE 12/23/91

Jefferson D. Lawrence
JEFFERSON D. LAWRENCE
MD. REG. PROF. LAND SURVEYOR #5216

RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND ON _____ AS PLAT NUMBER _____

SHEET 1 OF 1

SAAH PROPERTY W/PT-19
LOTS 1-2
TAX MAP-27
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SEPTEMBER 1991 SCALE 1"=100'

OWNER:
GEORGE AND ANGELA SAAM
17904 GEORGIA AVE.
SUITE 102
SILVER SPRING, MD 20904
301-390-2000

DEVELOPMENT CONSULTANTS GROUP, INC.
17904 GEORGIA AVE.
SUITE 102
OLNEY, MD. 20832
301-924-4570 H-210

Maryland State Archives

MSA 550247-2994

EXHIBIT "A"

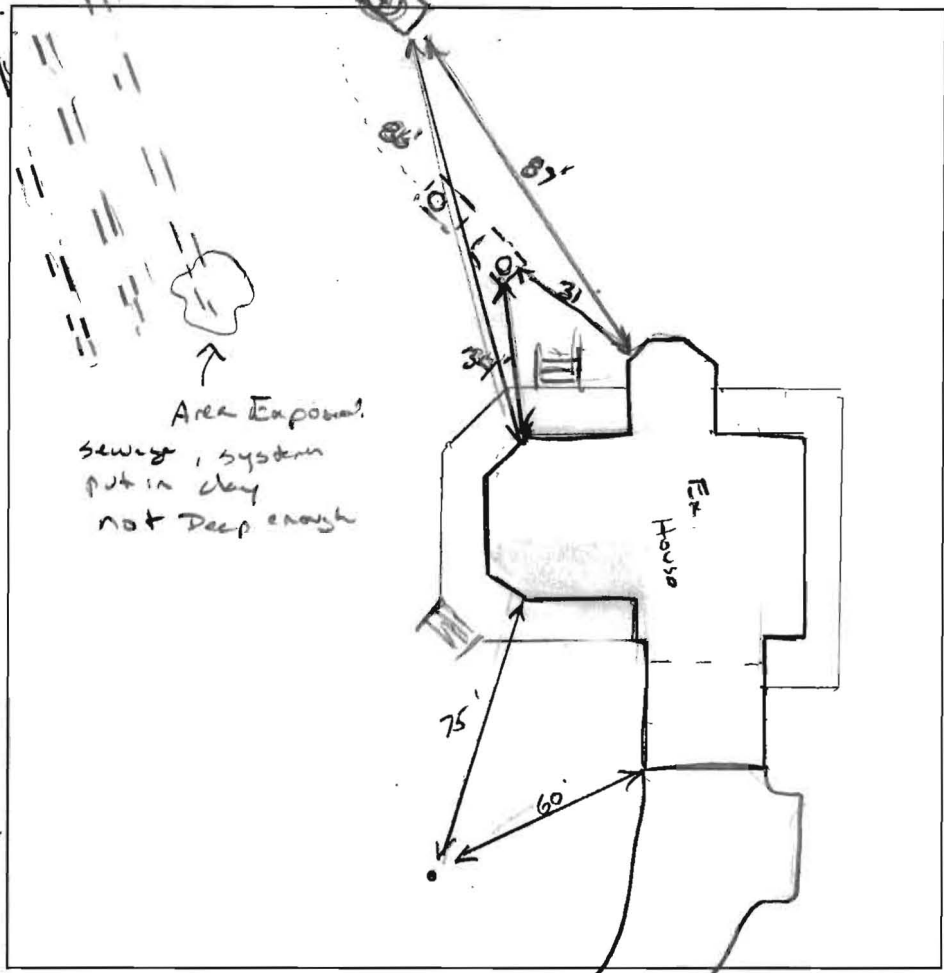
Being all that piece or parcel of land lying situate and being in the Fifth (5th) Election District of Howard County and being a part of the property conveyed to George and Angela Saah from C. William and Anne E. Schutt, by deed dated July 27, 1989 and recorded in Liber 2096 at Folio 265 among the Land Records of Howard County, Maryland and being more particularly described as follows:

Beginning for the same at a point on the northerly right of way line of Triadelphia Mill Road, to be recorded, North 22°46'10" East, 30.06 feet, from the centerline thereof, then running with the westerly line of Lot 2, Saah Property, to be recorded,

1. North 22°46'10" East, 911.97 feet to a point, then
2. South 75°33'29" East, 25.27 feet to a point, then
3. South 22°46'10" West, 915.63 feet to a point on the northerly right of way of said road, then
4. North 67°13'50" West, 25.00 feet to the place of beginning, containing 22,845 square feet of land.

Subject to any and all easements and/or rights of way of record.

Ex. Dist Box



Area Exposed
sewer system
put in clay
not deep enough

- 8' WK Br L
MSBK roots
- 2' WK - moderate ch,
Friable, roots.
Dk Br - B/Y
- 4' Br, CL,
MSBK, Friable
CW, 100% wk sp.
dry roots
- 7' WK FSL, B/Y
Friable, no assu.
wk Platy
may have, sto sep.
- 14' VFSL, WK Platy
B/Y/R,
Friable,
Highly micaceous
slight moist

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/13/15	(A)	4' 6" / 14"	00:29	00:31	00:34	3	(P)
		7'	00:39	00:40:30	00:44	4	(P)

System put in clayey soils - premature failure.
 REMARKS Ex system installed too shallow. Ex. Perc's diff than report on 10/13/15
 SANITARIAN K. Wolf BACKHOE Jake OTHERS over
 TEST HOLES USED IN SDA 1 AVG. PERC TIME 3.5 SQ. FT/BR 1.2
 TRENCH WIDTH 3 INLET DEPTH 3 MAX. BOT DEPTH 2 EFFECTIVE SW 4-7'
 SDR: $\frac{350}{1.2} = 291.67 \div 3 = 97.22 \approx 104$ LF (-5)



HOWARD COUNTY HEALTH DEPARTMENT

57385

DATE
9/24/15

A5

Received From

Fogles Septic Clean

PHONE #

For

Repair / Perc - #406
Philadelphia Mill
Co.

CASH

CHECK

NO.

50978

Three hundred xx

Dollars

\$

330 00

Received By

J King