



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

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

May 27, 2009

TO: Ryan and Farrah O'Colman, owners
6276 Linkythorn Lane

FROM: Robert Bricker, CPSS, R.S.
Environmental Sanitarian

RE: Percolation Test Results, 6276 Linkythorn Lane, A530972
(Build Permit Application B09000348)

Dear Mr. and Mrs. O'Colman,

Percolation testing was conducted on the referenced property on May 22, 2009. 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. Percolation Test Results indicate soils' conditions that are satisfactory for onsite wastewater disposal. Subsequently, the area of your property represented by these observations may be designated as a septic easement.

Five test holes were dug for profile description and standard percolation tests. Three of the five locations were tested for percolation rate and 'Passed' at similar depths. All locations have a moderately rapid percolation rate. Soil profiles were very similar with exception of much deeper subsoil at location #1. Depth to a restrictive layer of mica schist occurred at 11 feet at test locations 5 and 2, and at 12 feet and 13 feet at locations #3 and #4, respectively. Field data collected are shown on the Percolation Test Results Worksheet. Subsequent recommendations are based on observed soil properties and characteristics at respective test locations as well as the particular soils materials tested. The detailed specifications for the designated replacement systems will be similar to the initial system.

The potential of the area that may be defined as a septic easement meets the Howard County Code (3.805.A.2.X) requirement for an initial system and 2 replacement systems. The extent of the suitable soils in the westerly direction is limited by a regulated 25-foot setback to slopes greater than 25 percent. The northern boundary of suitable area is defined by a setback to the 25-foot wide "Easement for Drainage and Utilities" along your north property line. A 10-foot setback must be observed along your east property line. The total area is estimated to be over 11,000 square feet, large enough to avoid destruction of large trees (your stated preference) during septic system installation.

During field evaluation, one of two existing dry wells was found to have cinder block walls (not meeting current construction requirements) and to be near failure. Though no surface seeps were noticeable, the solution level in the dry well 'A' was 0.5 ft. to 1 ft. above the level of the Inlet (recorded as 2 feet below soil surface). These two dry wells are to be replaced and properly abandoned prior to Health Department approval of your Building Permit Application. The septic tank will also be relocated (i.e. replaced) to meet current requirements for distance from foundation.

Due to the moderately rapid percolation rates, sandy subsoil, and proximity to a drinking water reservoir, the Health Department requires that you install a pre-treatment module.

These pre-treatment systems reduce the amount of nitrogen released in the wastewater, and many of them are self contained in their own tank.

You may apply to the Bay Restoration Fund (see BRF Links attachment) to obtain a grant for the cost of the system. Several factors favor your obtaining a grant: you are within 2500 feet of a drinking water reservoir, you need a repair (re: to replace a failing system for an existing residence), and you may qualify for having household income below the median household income for your county of residence (Howard County). I encourage you to begin the process as soon as possible by completing the pre-approval application online and submitting it as soon as possible.

Once the specific technology has been determined and approved by the Maryland Department of the Environment, you or your consultant will be responsible for providing a detailed cross-sectional/spec sheet of what is proposed to be installed at your property, i.e. new tank, BAT to be used with existing tank, etc. If a new tank is to be used, a drawing showing the new, detailed tank along with a profile showing the depth and amount of earth cover shall be submitted to this office. These details should be available from the manufacturer.

In addition, a scaled site plan showing the exact locations of the well and septic components, i.e. septic tank and dry well, must be submitted to the Health Department for review. Elevations of these system components may be required based on site characteristics. Neighboring septic systems and wells may need to be included on the site plan as they are shown on the Percolation Certification Plan. Also submit contact information of the contractor that is to install the system, including a phone number. BAT systems are subject to Howard County Health Department Code and the Annotated Code of Maryland Regulations (COMAR), i.e. setback to dwelling, existing drive, existing well, slopes, etc.

Once the site plan has been reviewed and accepted by the Health Department, and a copy of the Agreement and Easement for Installation of Best Available Technology Systems with Bay Restoration Funds has been received in the Health Department (and the Percolation Certification Plan is approved), the septic permit can be released. A fee of \$396.00 is required in order to release the septic permit for installation of the pretreatment system and trenches for the above referenced property.

If you have any questions regarding the soil evaluation, the Percolation Certification Plan, or the stated requirements for a new septic system, please contact me at the above address or by calling (410) 313-2691.

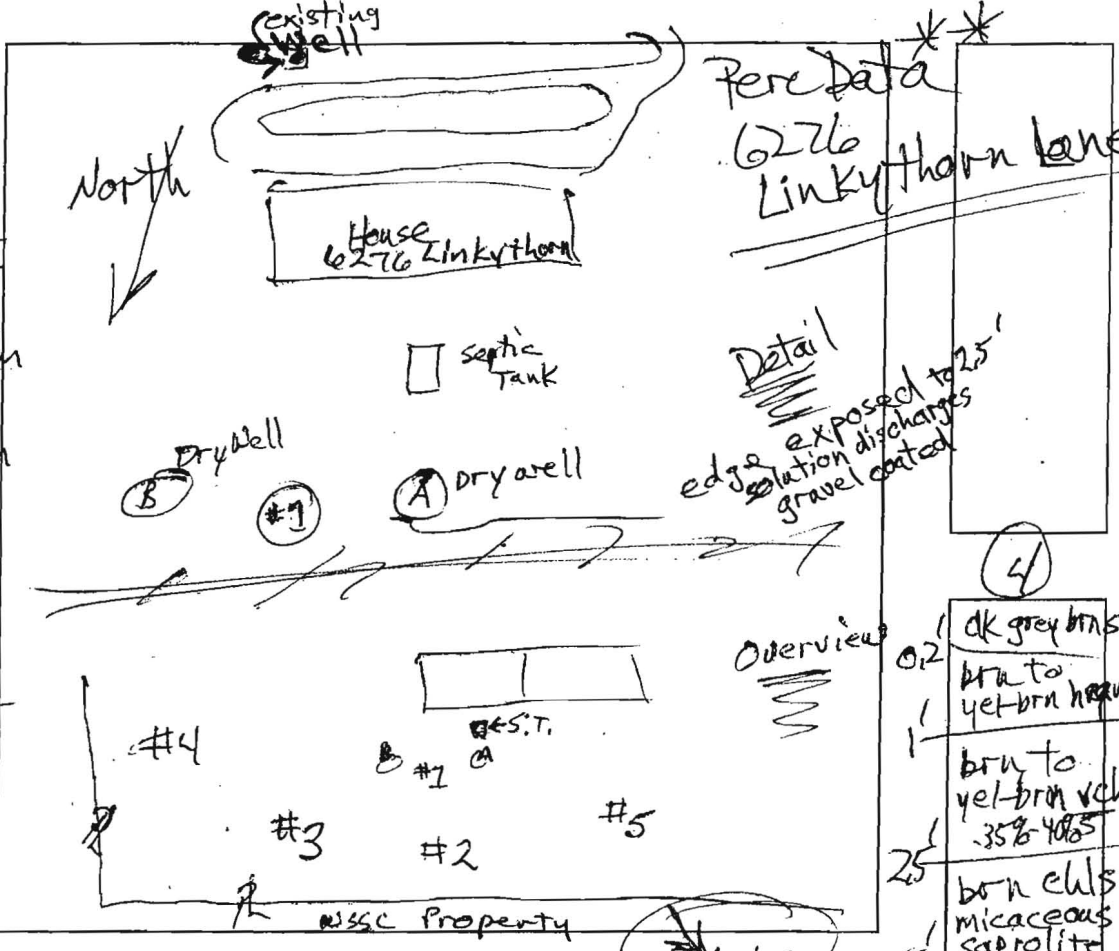
Respectfully,

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

Copy: File

A/P

1
 dk brn sl
 many mica
 0.2'
 brn scl
 2'
 brn sl heavy
 3'
 brn sl
 micaceous
 saprolite, m
 6.5'
 brn chs
 micaceous, m
 10'
 brn chs
 3cpl saprolite
 13.5'
 brn vchsl
 micaceous
 35%
 saprolite
 16'
 hard bottom
 2
 dk brn sl
 common mica
 0.3'
 brn scl
 1'
 2.4'
 brn sl
 red & brn
 6.5'
 brn chs
 micaceous
 2mpl
 10'
 brn fls
 micaceous
 3cpl
 13'
 3
 blk loam
 to dk brn loam
 1'
 brn scl
 2'
 brn sl
 very friable
 3'
 med & brn
 chs micaceous
 2mpl
 4.5'
 brn chs
 6.5'
 brn vchsl
 3mpl
 11.5'
 brn vchsl
 3cpl fls
 12'
 ↓



Perc Data
 6276 Linkythorn Lane
 **

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/22/2009	1	16'	Visual	10 gallons water	- Holds for 5 min	P	RB
5/22/2009	2	3.6' / 13'	0	0.7	re pour	F	
5/22/2009	2	3.6' / 13'	0.8	1.8	3.9	2.1	P
5/22/2009	3	3.4' / 12'	0.8	1.5	3.8	2.3	P
5/22/2009	4	3.6' / 11'	0	1	3.4	2.4	P
5/22/2009	4	11'	Visual	5 gal. water infiltrates in 5 min			P
5/22/2009	5	11'	Visual	Sidewall grnd 25' to bottom OK at 11'			P

4
 dk grey brn sl
 brn to
 yet-brn heavy sl
 1'
 brn to
 yet-brn vchls
 35% 40%
 2.5'
 brn chs
 micaceous
 saprolite
 5'
 lt. brn chs
 2mpl
 9'
 brn fls
 3cpl
 11'
 hard
 5
 dk grey
 to brn loam
 1.6'
 heavy sl
 yet-brn
 2.5'
 brn chs
 micaceous
 saprolite
 4.5'
 brn chs
 few flgs
 11'
 brn vchsls
 11.5'
 ↓

REMARKS Dry Well A - solution over Inlet (2' by description); solution level ~1.5' slot in Dry Well begins at 9.5 depth
 SANITARIAN RB BACKHOE Mike Johnson OTHERS Mike Ray & Mario Mannarelli
 TEST HOLES USED IN SDA 1, 2, 3, 4 & 5 AVG. PERC TIME 5 min SQ. FT/BR 25
 TRENCH WIDTH 2 INLET DEPTH 2 MAX. BOT DEPTH 3.5 EFFECTIVE S/W 1.5
 preferred



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 7/21/2014

TEST TIME 9:30

AP 516341
DATE 5-22-14

AGENCY REVIEW: _____

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 3 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) RYAN & FARRAH O'COLMAN

DAYTIME PHONE (301) 954-1558

CELL _____

FAX _____

MAILING ADDRESS 6276 LINKYTHORN LANE

STREET

CLARKSVILLE
CITY/TOWN

MD
STATE

21089
ZIP

APPLICANT RYAN O'COLMAN

DAYTIME PHONE (301) 954-1558

CELL _____

FAX _____

MAILING ADDRESS 6276 LINKYTHORN LANE

STREET

CLARKSVILLE
CITY/TOWN

MD
STATE

21089
ZIP

APPLICANT'S ROLE:

OWNER & DEVELOPER

BUILDER

BUYER

RELATIVE/FRIEND

REALTOR

CONSULTANT

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME AMTRES ESTATES, SEC 1

LOT NO. 7

PROPERTY ADDRESS 6276 LINKYTHORN LANE

STREET

CLARKSVILLE, MD, 21089
TOWN/POST OFFICE

TAX MAP PAGE(S) 3A

GRID 13

PARCEL(S) 247

PROPOSED LOT SIZE 297AC

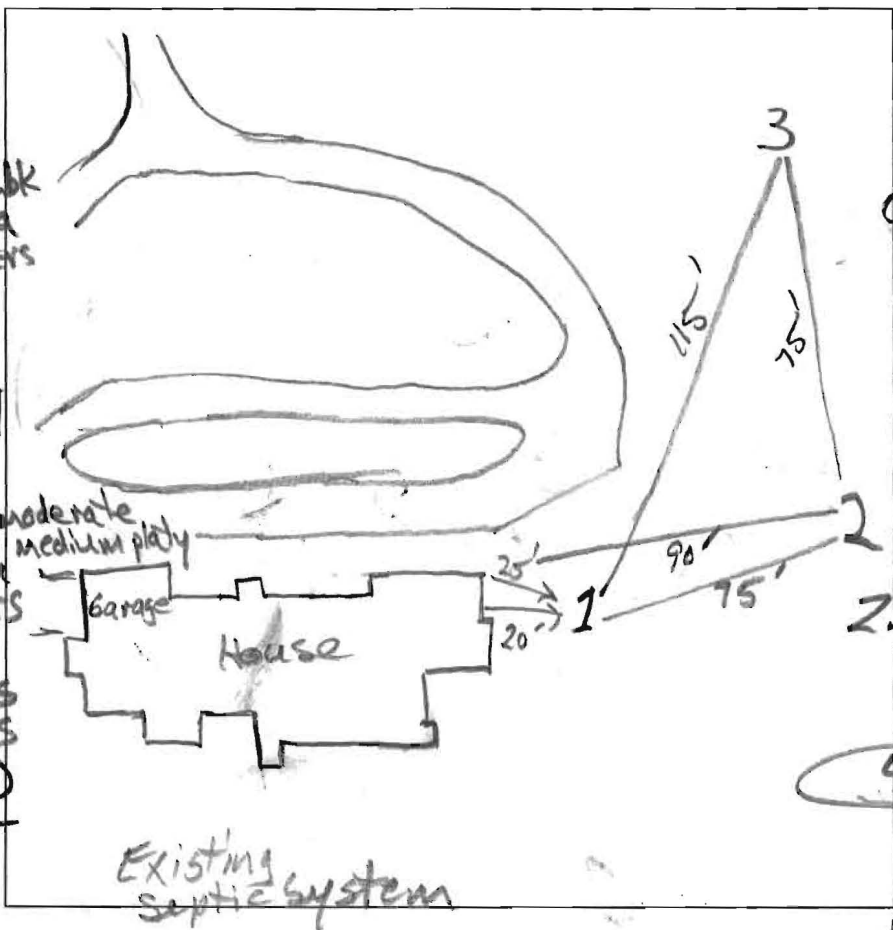
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. 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
 7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

(142)
 0.2' dk brn chsl
 brn sl, 2msbk
 common mica
 few channels
 0.6' yel-brn sl
 1.2' 2msbk
 yel-red chsl
 wk, medium platy
 3' yel-red ls,
 common mica
 few channels
 few roots
 8.5' brn chls
 micaceous
 (muscovite)
 10'



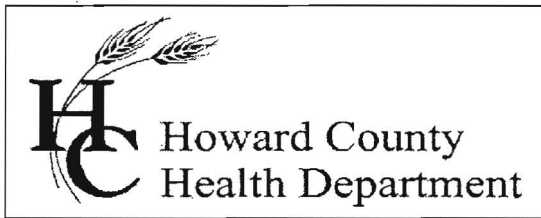
(141)
 0.1' dk brn L
 grey-brn
 2msbk
 common mica
 0.5' brn L, 2msbk
 common mica
 1' yel-red chl
 2msbk, ss
 common mica
 2' yel-red chsl
 1msbk common
 mica
 2.5' brn chls
 wk, medium platy
 dense,
 4.0' yel-red
 chls, common
 mica
 10'

(143)
 0.6' dk brn L
 brn L, 2msbk
 brn L, 2msbk
 common mica
 1.1' yel-red L
 3msbk
 common mica
 2.2' yel-red chsl
 common mica
 black coats
 on rock
 2.7' yel-red
 & yel-brn ls, Øsg
 many mica
 8.3' brn chls
 many mica
 10' Ø m

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/21/14	142	10'	Visual	3'	6'	sidewall 1.2 gpd let	P
7/21/14	141	4.5' 10'	0	2.5'	5.3'	2.8'	P
7/21/14	143	3.6' 10'	0	2.6'	7.3'	4.7'	P

REMARKS Holes dug with mini-excavator
 SANITARIAN R Bricker BACKHOE Mike Johnson OTHERS Mike
 TEST HOLES USED IN SDA '141', '142' & '143' AVG. PERC TIME SQ. FT/BR
 TRENCH WIDTH 2'-3" INLET DEPTH 2'-3" MAX. BOT DEPTH 6' EFFECTIVE SW 4'-6'

RECEIVED
 MAY 22 2014
 HOWARD COUNTY HEALTH DEPT
 BUREAU OF ENVIRONMENTAL HEALTH



Bureau of Environmental Health

8930 Stanford Blvd., Columbia, MD 21045
Main: 410-313-1771 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

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

July 21, 2014

To: Ryan and Farrah O'Colman, Applicant
focolman@hotmail.com

RE: Percolation Test Report; 6276 Linkythorn Lane

Percolation tests were conducted at 6276 Linkythorn Lane (Tax Map 34, Parcel 247) on July 21, 2014. The tests were conducted for the purpose of re-configuring the sewage disposal area (SDA) to accommodate construction of a tennis court. Three test locations, '141', '142' and '143', were dug and observed at locations previously marked with stakes. Tests were conducted at accessible locations near the stakes.

All three test locations 'PASS', having soils that are satisfactory for wastewater treatment and disposal in conventional trenches. Locations of percolation tests that 'PASS' are used to define the sewage disposal area (SDA) proposed on the Percolation Certification Plan. The percolation test results and suitable area for wastewater discharge are certified by the Approving Authority's signature of the Percolation Certification Plan. The percolation test data is attached to this report.

Due to the sloping land and the near proximity to SDA to remain, grade lines for construction of the planned tennis court need to be included on the Percolation Certification Plan.

If you have any questions regarding this evaluation or requirements for a Percolation Certification Plan or BAT Site Plan, please contact me by email or by calling (410) 313-2691.

Respectfully,

Robert Bricker, CPSS, REHS/RS, L.E.H.S.
Environmental Sanitarian II
Well and Septic Program

Copy: Scott Shanaberger, Shanaberger & Lane
file



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

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) Fayrah + Ryan O'Colman

DAYTIME PHONE 301-854-2533 CELL 410-599-7966 FAX _____

MAILING ADDRESS 6276 Linkythern Lane Clarksville MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT Same as above

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 Aintree Estates LOT NO. 7

PROPERTY ADDRESS 6276 Linkythern Lane Clarksville
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 34 GRID 13 PARCEL(S) 247 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.

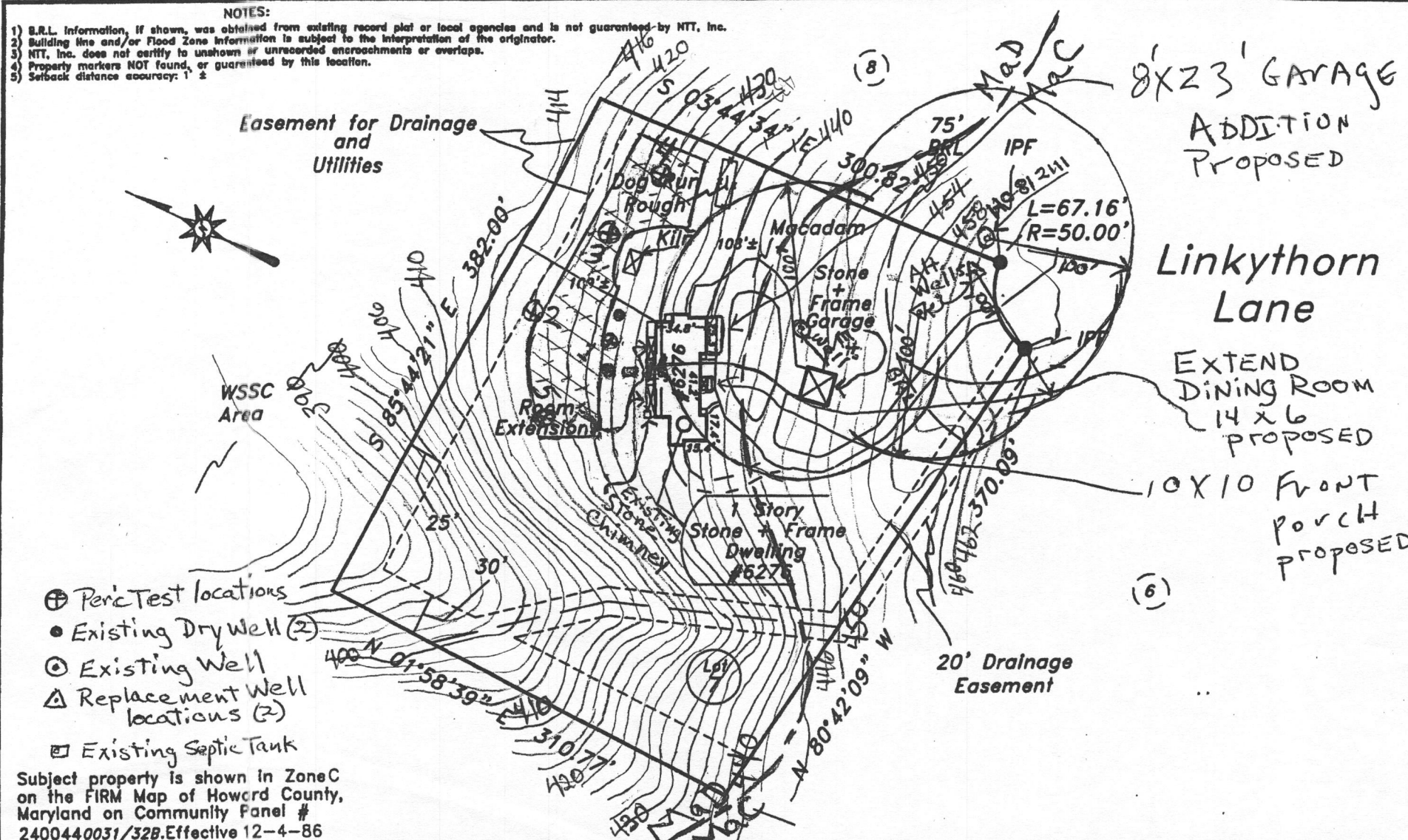
TEST RESULTS WILL BE MAILED TO APPLICANT. [Signature]
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

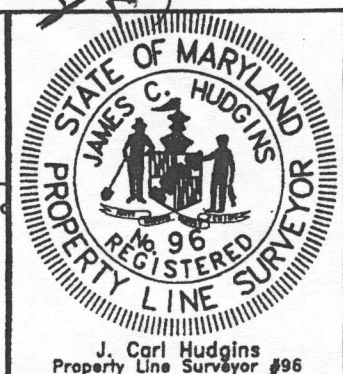
NOTES

1. THE PURPOSE OF THIS PERCOLATION CERTIFICATION REVISION IS TO ADJUST THE SEPTIC RESERVE AREA ON THE SUBJECT PROPERTY IN SUPPORT OF A BUILDING PERMIT APPLICATION (B09000348).
2. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
3. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND 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 SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
4. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
5. ALL REASONABLE EFFORTS WERE USED TO LOCATE AND SHOW ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF SUBJECT PROPERTY BOUNDARIES.
6. TOPOGRAPHY IS AS PRESENTED ON HOWARD COUNTY GIS AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE ELEVATION CHANGES ON AND NEAR THE SUBJECT PROPERTY.
7. DUE TO RAPID PERCOLATION RATES AND NEAR PROXIMITY (<2500 FEET) TO A DRINKING WATER RESERVOIR, THE INSTALLATION OF ADVANCED PRETREATMENT FOR THE SEPTIC SYSTEM IS REQUIRED. THE PRETREATMENT DEVICES ARE DESIGNED TO REDUCE RELEASE OF NITROGEN BY USING BEST AVAILABLE TECHNOLOGY (BAT). ON-GOING MAINTENANCE IS REQUIRED. AN AGREEMENT ACKNOWLEDGING THE NEED FOR MAINTAINING A SERVICE CONTRACT WITH AN AUTHORIZED SERVICE PROVIDER MUST BE RECORDED IN THE HOWARD COUNTY LAND RECORDS FOR THIS LOT PRIOR TO BUILDING PERMIT APPROVAL.
8. THE SEPTIC SYSTEM UPGRADE WILL BE COMPLETED AND APPROVED BY THE ATTENDING ENVIRONMENTAL SANITARIAN, AND THE EXISTING SEPTIC TANK AND (2) DRY WELLS ABANDONED, PRIOR TO BUILDING PERMIT APPROVAL.

- NOTES:**
- 1) B.R.L. Information, if shown, was obtained from existing record plat or local agencies and is not guaranteed by NTT, Inc.
 - 2) Building line and/or Flood Zone Information is subject to the interpretation of the originator.
 - 3) NTT, Inc. does not certify to unshown or unrecorded encroachments or overlaps.
 - 4) Property markers NOT found, or guaranteed by this location.
 - 5) Setback distance accuracy: 1' ±



This is to certify that I have surveyed the property shown hereon, being known as Lot 7, Section One, AINTREE ESTATES and recorded among the land records of Howard County, Maryland in PI Bk 10 folio 97 for the purpose of locating the improvements thereon.



LOCATION DRAWING
6276 Linkythorn Lane
Howard County, Maryland
Election District No. 05

- * This plat is of benefit to the consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing, or refinancing purposes.
- * This plat is not to be relied upon for the establishment of location of fences, garages, buildings, or other existing or future structures.
- * This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.

NTT Associates, Inc.
16205 Old Frederick Road
Mt. Airy, Maryland 21771
Ph. (410)442-2031
Fax No. (410)442-1315

Scale: 1"=100'
Date: 5-8-08
Field By: Don
Drawn By: Don
Drawing # 2486HOC

PERCOLATION CERTIFICATION PLAN

6276 LINKYTHORN LANE

TAX MAP 34 PARCEL 247

OWNERS: RYAN AND FARRAH O'COLMAN
6276 LINKYTHORN LANE
CLARKSVILLE, MD 21029

I CERTIFY THAT THE INFORMATION SHOWN HERON IS BASED ON FIELD WORK PERFORMED BY ME OR IN MY PRESENCE, OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

[Signature] 6/9/09
SIGNATURE DATE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

[Signature] 6/23/09
SIGNATURE DATE

PC 530972

TRIADELPHIA RESERVOIR

W

WSSC

MaD

MaD

MaD



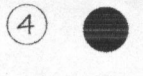
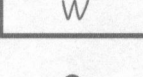


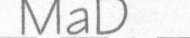


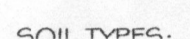
MaC

MaC

GgB

MaC

NOTES:

1. TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY AERIAL PHOTOGRAMMETRY.
2.  EXISTING PRIVATE SEWAGE EASEMENT
3.  PROPOSED PRIVATE SEWAGE EASEMENT
4.  DESIGNATES SUGGESTED PERC TEST LOCATION # NUMBER
-  DESIGNATES PROPOSED WELL AREA
-  DESIGNATES EXISTING WELL
-  DESIGNATES SLOPES 25% OR MORE
-  **MaD** DESIGNATES SOIL TYPES AND BOUNDARIES
-  DESIGNATES WOODSLINE/TREES
-  DESIGNATES EXISTING TRENCHES
-  DESIGNATES FUTURE TRENCHES
5. SOIL TYPES: MaC Manor loam, 8 to 15 percent slopes
MaD Manor loam, 15 to 25 percent slopes
W Water
6. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM PLAT OF RECORD.

JHABVALA MURZBAN ALLEN CHRISTINE 6277 LINKYTHORN LN LOT 8, SECTION 1 AINTREE ESTATES P. 10, F. 97

HYMES MICHAEL I HYMES FANNY E 6281 LINKYTHORN LN LOT 9, SECTION 1 AINTREE ESTATES P. 10, F. 97

FARE JAMES M & WIFE 6280 LINKYTHORN LN LOT 6, SECTION 1 AINTREE ESTATES P. 10, F. 97

OWNER AND APPLICANT

RYAN AND FARRAH O'COLMAN 6276 LINKYTHORN LANE CLARKSVILLE, MD. 21029 8726 TOWN # COUNTRY BLVD. focolman@hotmail.com

SHANABERGER & LANE

8726 TOWN # COUNTRY BLVD. SUITE 201 ELLICOTT CITY, MD 21043 (410) 461-9563 (410) 461-9693 fax home@shanlane.com



PURPOSE OF APPLICATION:

TO CONSTRUCT A TENNIS COURT OVER PART OF THE EXISTING PRIVATE SEWAGE EASEMENT, AND TO FIND ADDITIONAL APPROVABLE AREA ADEQUATE FOR AN INITIAL SYSTEM AND 2 REPLACEMENT SYSTEMS. THE PLAT OF AINTREE ESTATES WAS RECORDED IN 1966.

PLAT TO ACCOMPANY PERC TEST APPLICATION LOT 7, SEC. 1, AINTREE ESTATES 6276 LINKYTHORN LANE

TITLE DEED: 11303/661 TAX MAP 34, GRID 13, PARCEL 247 5TH ELECTION DISTRICT, HOWARD COUNTY, MD. SCALE: 1" = 50' DATE: 5/20/2014



- NOTES:**
- TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY AERIAL PHOTOGRAMMETRY.
 - EXISTING PRIVATE SEWAGE EASEMENT
 - 141 DESIGNATES 2014 PERC TEST LOCATIONS # NUMBERS -- PASS
 - DESIGNATES PROPOSED WELL
 - DESIGNATES EXISTING WELL
 - DESIGNATES SLOPES 25% OR MORE
 - MaD** DESIGNATES SOIL TYPES AND BOUNDARIES
 - DESIGNATES WOODSLINE/TREES
 - DESIGNATES EXISTING TRENCHES -- 134 L.F.
 - DESIGNATES FUTURE 2' WIDE TRENCHES -- 477 L.F. TOTAL. Showing min trench length possible in area. Future systems will be equal length or LFD
 - DESIGNATES 2009 PERC TEST LOCATIONS # NUMBERS -- PASS
 - SOIL TYPES: MaC Manor loam, 8 to 15 percent slopes
MaD Manor loam, 15 to 25 percent slopes
 - BEARINGS AND DISTANCES SHOWN HEREON ARE FROM PLAT OF RECORD.
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - ANY CHANGE TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
 - ALL KNOWN EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE BEEN SHOWN.
 - THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS 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 ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
 - THE EXISTING SEPTIC SYSTEM IS TO BE RETAINED.
 - 2009 PERC TEST LOCATIONS AND WELL LOCATION ON LOT 8 ARE SHOWN PER HEALTH DEPARTMENT RECORDS.

STATE OF MARYLAND DEPT OF NATL RES
TAX MAP 32, GRID 14, PARCEL 3
708/545

HYMES MICHAEL I
HYMES FANNY E
6281 LINKYTHORN LN
LOT 9, SECTION 1
AINTREE ESTATES
P. 10, F. 97

FARE JAMES M & WF
6280 LINKYTHORN LN
LOT 6, SECTION 1
AINTREE ESTATES
P. 10, F. 97

A546371

OWNER AND APPLICANT

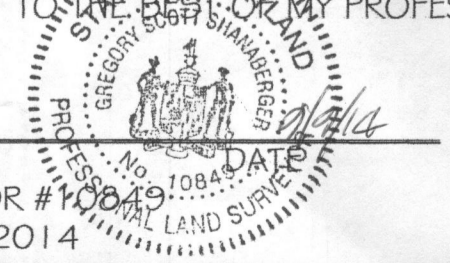
RYAN AND FARRAH O'COLMAN
6276 LINKYTHORN LANE
CLARKSVILLE, MD. 21029
8726 TOWN & COUNTRY BLVD.
focolman@hotmail.com

SHANABERGER & LANE

8726 TOWN & COUNTRY BLVD.
SUITE 201
ELLCOTT CITY, MD 21043
(410) 461-9563
(410) 461-9693 fax
home@shanlane.com

PERC CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON REFLECTS FIELD WORK DONE BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

G. Scott Shanabarger
G. SCOTT SHANABERGER
PROFESSIONAL LAND SURVEYOR # 10049
LICENSE EXPIRATION DATE 4/21/2014



APPROVED:
FOR PRIVATE WATER AND SEWERAGE SYSTEMS

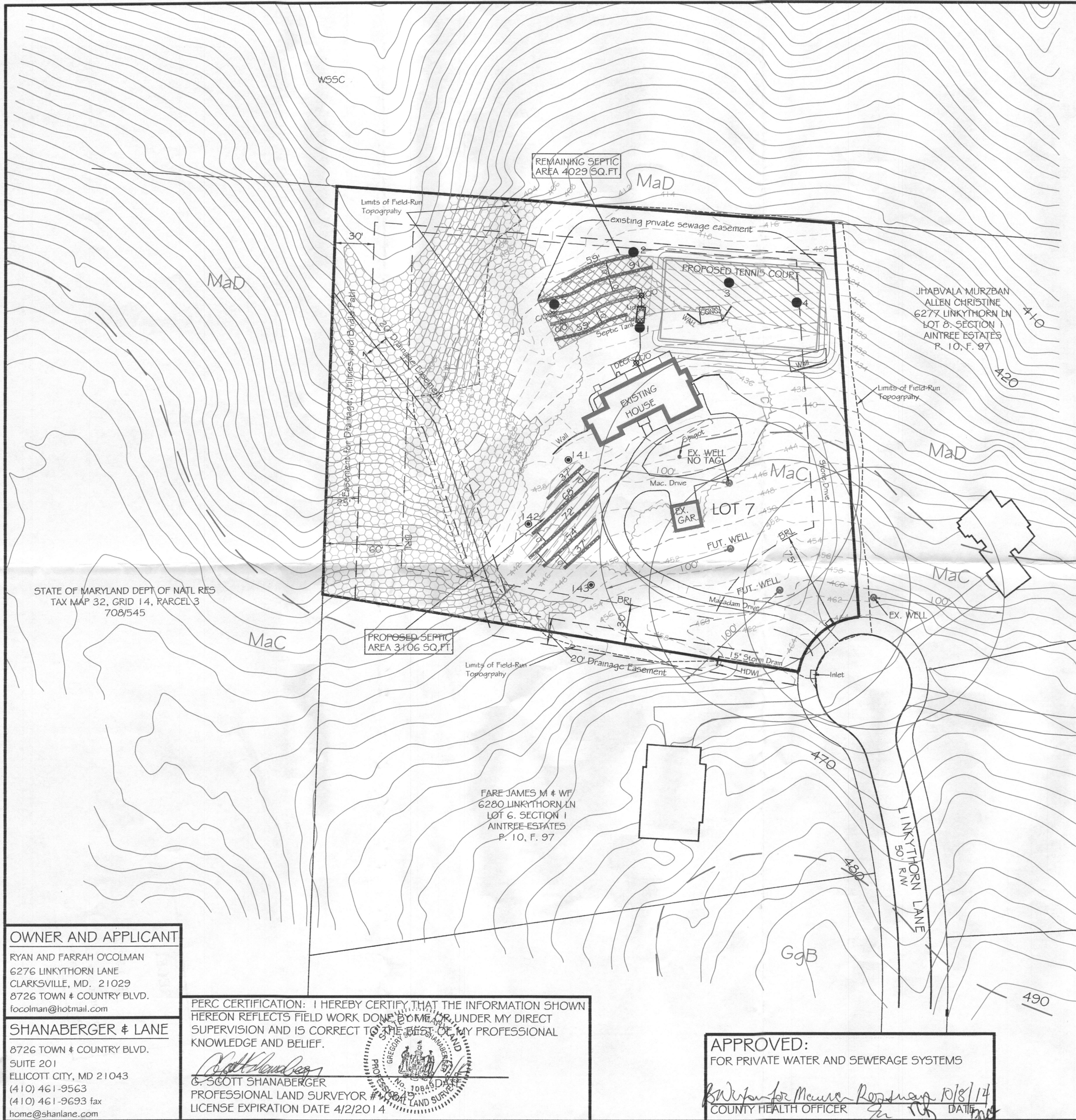
Maura Rossman
COUNTY HEALTH OFFICER
DATE: 9/8/2014

PURPOSE OF APPLICATION:









TO CONSTRUCT A TENNIS COURT OVER PART OF THE EXISTING PRIVATE SEWAGE EASEMENT, AND TO FIND ADDITIONAL APPROVABLE AREA ADEQUATE FOR AN INITIAL SYSTEM AND 2 REPLACEMENT SYSTEMS. THE PLAT OF AINTREE ESTATES WAS RECORDED IN 1966.

PLAT TO ACCOMPANY PERC TEST APPLICATION
LOT 7, SEC. 1, AINTREE ESTATES
6276 LINKYTHORN LANE

TITLE DEED: 11303/661
TAX MAP 34, GRID 13, PARCEL 247
5TH ELECTION DISTRICT, HOWARD COUNTY, MD.
SCALE: 1" = 50' DATE: 9/8/2014



NOTES:


1. TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY AERIAL PHOTOGRAMMETRY.
2.  EXISTING PRIVATE SEWAGE EASEMENT
3. 141  DESIGNATES 2014 PERC TEST LOCATIONS & NUMBERS -- PASS
-  DESIGNATES PROPOSED WELL
-  DESIGNATES EXISTING WELL
-  DESIGNATES SLOPES 25% OR MORE
-  DESIGNATES SOIL TYPES AND BOUNDARIES
-  DESIGNATES WOODSLINE/TREES
-  DESIGNATES EXISTING TRENCHES -- 134 L.F.
-  DESIGNATES FUTURE 2' WIDE TRENCHES -- 477 L.F. TOTAL - SHOWING MAX. TRENCH LENGTH POSSIBLE IN AREA. FUTURE SYSTEMS WILL BE EQUAL LENGTH OR LESS.
-  DESIGNATES 2009 PERC TEST LOCATIONS & NUMBERS -- PASS
4. SOIL TYPES: MaC Manor loam, 8 to 15 percent slopes
MaD Manor loam, 15 to 25 percent slopes
5. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM PLAT OF RECORD.
6. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
7. ANY CHANGE TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
8. ALL KNOWN EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE BEEN SHOWN.
9.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS 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 SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
11. THE EXISTING SEPTIC SYSTEM IS TO BE RETAINED.
12. 2009 PERC TEST LOCATIONS AND WELL LOCATION ON LOT 8 ARE SHOWN PER HEALTH DEPARTMENT RECORDS.


STATE OF MARYLAND DEPT OF NATL RES
TAX MAP 32, GRID 14, PARCEL 3
708/545

OWNER AND APPLICANT
RYAN AND FARRAH O'COLMAN
6276 LINKYTHORN LANE
CLARKSVILLE, MD. 21029
8726 TOWN & COUNTRY BLVD.
focolman@hotmail.com

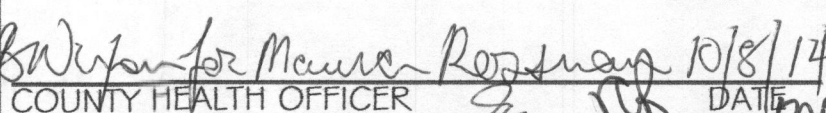
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PERC CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON REFLECTS FIELD WORK DONE BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.


G. SCOTT SHANABERGER
PROFESSIONAL LAND SURVEYOR # 10845
LICENSE EXPIRATION DATE 4/2/2014



APPROVED:
FOR PRIVATE WATER AND SEWERAGE SYSTEMS


COUNTY HEALTH OFFICER
DATE: 10/8/14

A546371

PURPOSE OF APPLICATION:
TO CONSTRUCT A TENNIS COURT OVER PART OF THE EXISTING PRIVATE SEWAGE EASEMENT, AND TO FIND ADDITIONAL APPROVABLE AREA ADEQUATE FOR AN INITIAL SYSTEM AND 2 REPLACEMENT SYSTEMS. THE PLAT OF AINTREE ESTATES WAS RECORDED IN 1966.

PLAT TO ACCOMPANY PERC TEST APPLICATION
LOT 7, SEC. 1, AINTREE ESTATES
6276 LINKYTHORN LANE

TITLE DEED: 11303/661
TAX MAP 34, GRID 13, PARCEL 247
5TH ELECTION DISTRICT, HOWARD COUNTY, MD.
SCALE: 1" = 50' DATE: 9/8/2014



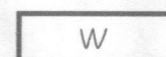





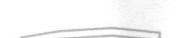
TRIADELPHIA RESERVOIR

W

WSSC

MaD

NOTES:

- TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY AERIAL PHOTOGRAMMETRY.
-  EXISTING PRIVATE SEWAGE EASEMENT
-  PROPOSED PRIVATE SEWAGE EASEMENT
- ④ ● DESIGNATES SUGGESTED PERC TEST LOCATION # NUMBER
-  DESIGNATES PROPOSED WELL AREA
-  DESIGNATES EXISTING WELL
-  DESIGNATES SLOPES 25% OR MORE
-  **MaD** DESIGNATES SOIL TYPES AND BOUNDARIES
-  DESIGNATES WOODSLINE/TREES
-  DESIGNATES EXISTING TRENCHES
-  DESIGNATES FUTURE TRENCHES
- SOIL TYPES: MaC Manor loam, 8 to 15 percent slopes
MaD Manor loam, 15 to 25 percent slopes
W Water
- BEARINGS AND DISTANCES SHOWN HEREON ARE FROM PLAT OF RECORD.

JHABVALA MURZBAN
ALLEN CHRISTINE
6277 LINKYTHORN LN
LOT 8, SECTION 1
AINTREE ESTATES
P. 10, F. 97

HYMES MICHAEL I
HYMES FANNY E
6281 LINKYTHORN LN
LOT 9, SECTION 1
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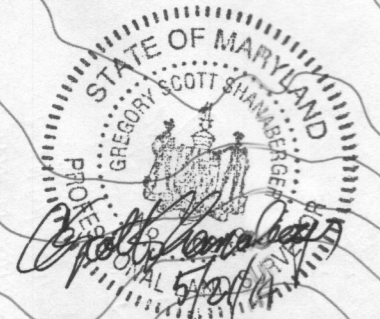
FARE JAMES M & WF
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LOT 6, SECTION 1
AINTREE ESTATES
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OWNER AND APPLICANT

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PURPOSE OF APPLICATION:

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PLAT TO ACCOMPANY PERC TEST APPLICATION
LOT 7, SEC. 1, AINTREE ESTATES
6276 LINKYTHORN LANE

TITLE DEED: 11303/661
TAX MAP 34, GRID 13, PARCEL 247
5TH ELECTION DISTRICT, HOWARD COUNTY, MD.
SCALE: 1" = 50' DATE: 5/20/2014