

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

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

APPLICATION
FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME ESTATES AT RIVER HILL
PROPERTY ADDRESS 13550 ALLNUTT Lane, Highland MD 20777
TAX ACCOUNT # 05-392289 TAX MAP 34 GRID 23 PARCEL 389 LOT NO. 3 PROPOSED LOT SIZE (ACRES) ONE ACRE
ZONING CATEGORY RR-DEI TIER III

PROPERTY OWNER(S) Rene Gelber
DAYTIME PHONE 301-919-2615 CELL 301-919-2615 EMAIL N/A
MAILING ADDRESS 13550 ALLNUTT LN, Highland, MD 20777

APPLICANT Tim Keane RELATIONSHIP TO OWNER: CONTRACT purchaser
DAYTIME PHONE 410-480-0023 CELL 443-324-9806 EMAIL TKeane@trinityhomes.com
MAILING ADDRESS 3625 Park Ave E.C., 21043

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

PROPERTY:

- Subdivision: 17
Subdivision Classification (per Dept. of Planning and Zoning) Major
Construct new OSDs on undeveloped lot
Repair or replace failing OSDs
Upgrade existing OSDs

BUILDING:

- Residential with existing or proposed bedrooms in the completed structure
Commercial (provide detail of type of use and numbers of employees/customers on accompanying plan)

IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?

- Yes
No

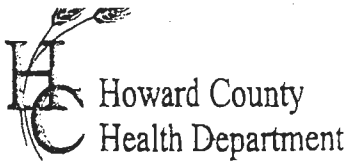
AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- 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: [Handwritten Signature]
Date: 10/28/15



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 7/9/2014 TEST TIME 12:30 pm A/P 537365-F
 AGENCY REVIEW: _____ DATE 6/28/12

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 4 OR 5 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) RENE & JEANNE GELBER TRUSTEE

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 13550 ALLNOTT LN HIGHLAND MD 20777
STREET CITY/TOWN STATE ZIP

APPLICANT RENE & JEANNE GELBER TRUSTEE

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 13550 ALLNOTT LN HIGHLAND MD 20777
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME GREENE PROPERTY LOT NO. 6

PROPERTY ADDRESS 13550 ALLNOTT LN HIGHLAND
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 34 GRID 16 PARCEL(S) 389 PROPOSED LOT SIZE 54,535 SQ FT

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.

René L Gelber
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

AP

5009

dk brn L
brn L, 2 fsk
yel-brn L
2msbk to 2 fsk
brn-yel sl
2msbk
brn & yel-brn L
S, many v. fine mica

4.5 pale red & pale yellow sl
many fine mica
3d (grey sil)

5 pale brn & grey-brn sl, many mica

10 red sl, many mica

11 dk brn & pale yellow sl

11.5 water seeps

5010

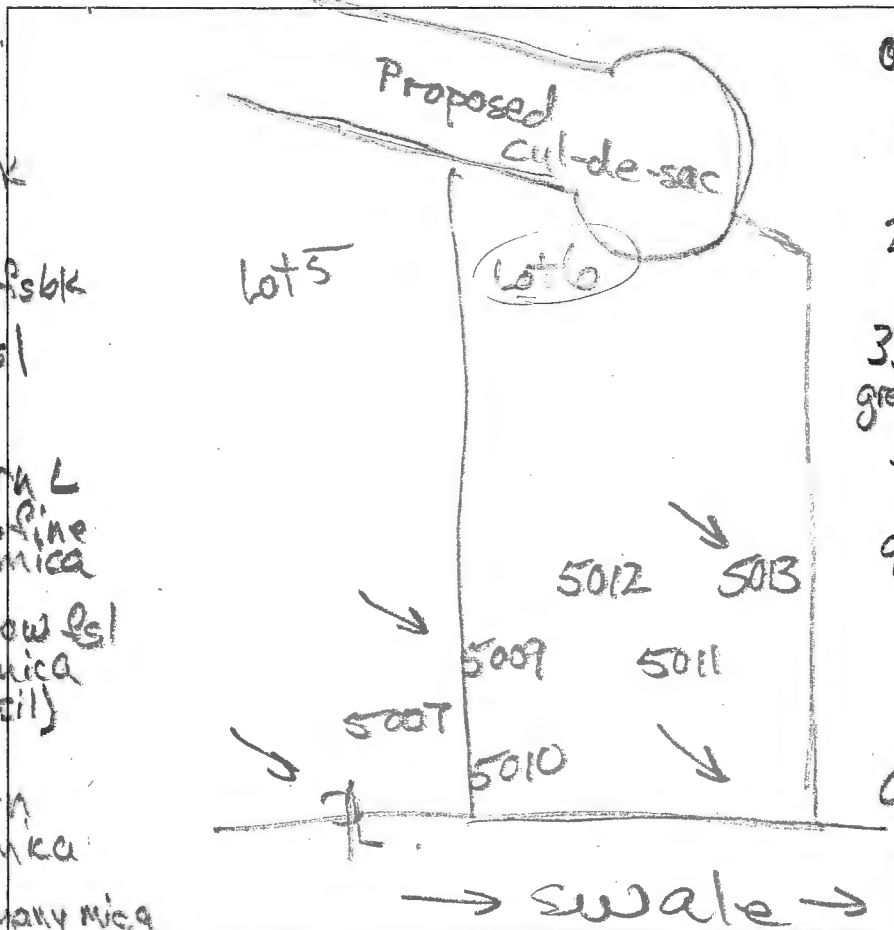
dk brn L
0.8 brn L, 3msbk
few mica

2.2 red-yel sl
common mica

3.3 yellow & yel-red ls

6 dk brn & pale brn & yellow red ls

9.5 pale brn & pale yellow ls, water seeps



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/9/14	5009	4.9' / 11.5'	12:35	12:42	1:02	20	P
7/9/14	5010	4.7' / 9.5'	2:11	2:13	2:19	6	P
7/9/14	5011	4.2' / 9.3'	2:30	2:39	2:59	20	P
7/9/14	5012	4.7' / 11.5'	2:44	2:49	3:05	16	P
7/9/14	5013	4' / 9'	3:04	3:06	3:10	4	P

REMARKS

SANITARIAN R Bricker BACKHOE Jeff Allen OTHERS R Demmitt

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

5011

0.3 dk brn L, 3 fsk
brn L, 3msbk
yel-brn L, 1msbk
few channels 3 fsk

2.3 yel-brn L
Øm, many mica

3.2 gre/y brn & yel-red L
Øm many mica

7 red-brn ls
many mica

9.3 water
dk grey brn & white ls

5012

0.6 dk brn L to brn L
few stones & fsk

1.3 brn L, 3msbk
yel-red L, 2msbk

2.5 yellow & red sl, many mica

4 dk brn ls
many mica

11.5 water

5013

dk brn L 3 fsk
brn L 3 fsk

1 yel-brn L
3msbk

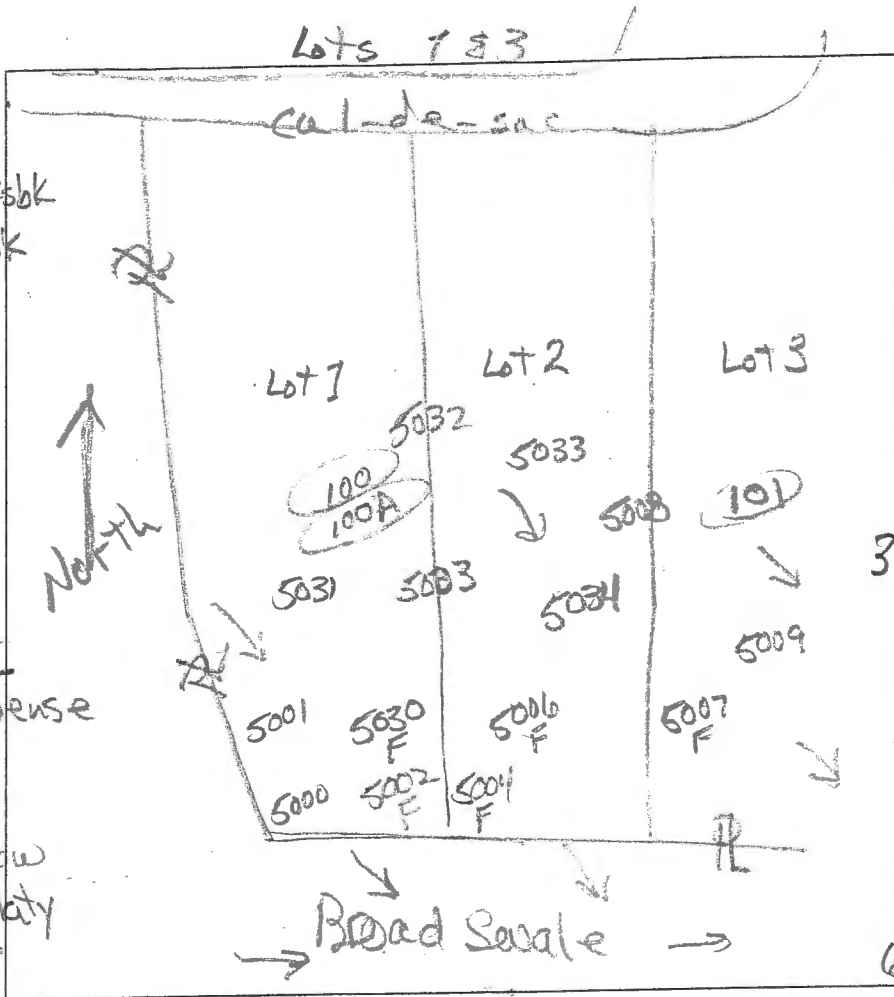
1.4 yel-brn vch
1msbk

2.2 brn & red-yel L
Øm, many mica

3.5 grey-brn ls
many mica

9 dk grey ls
many mica
water

A/P



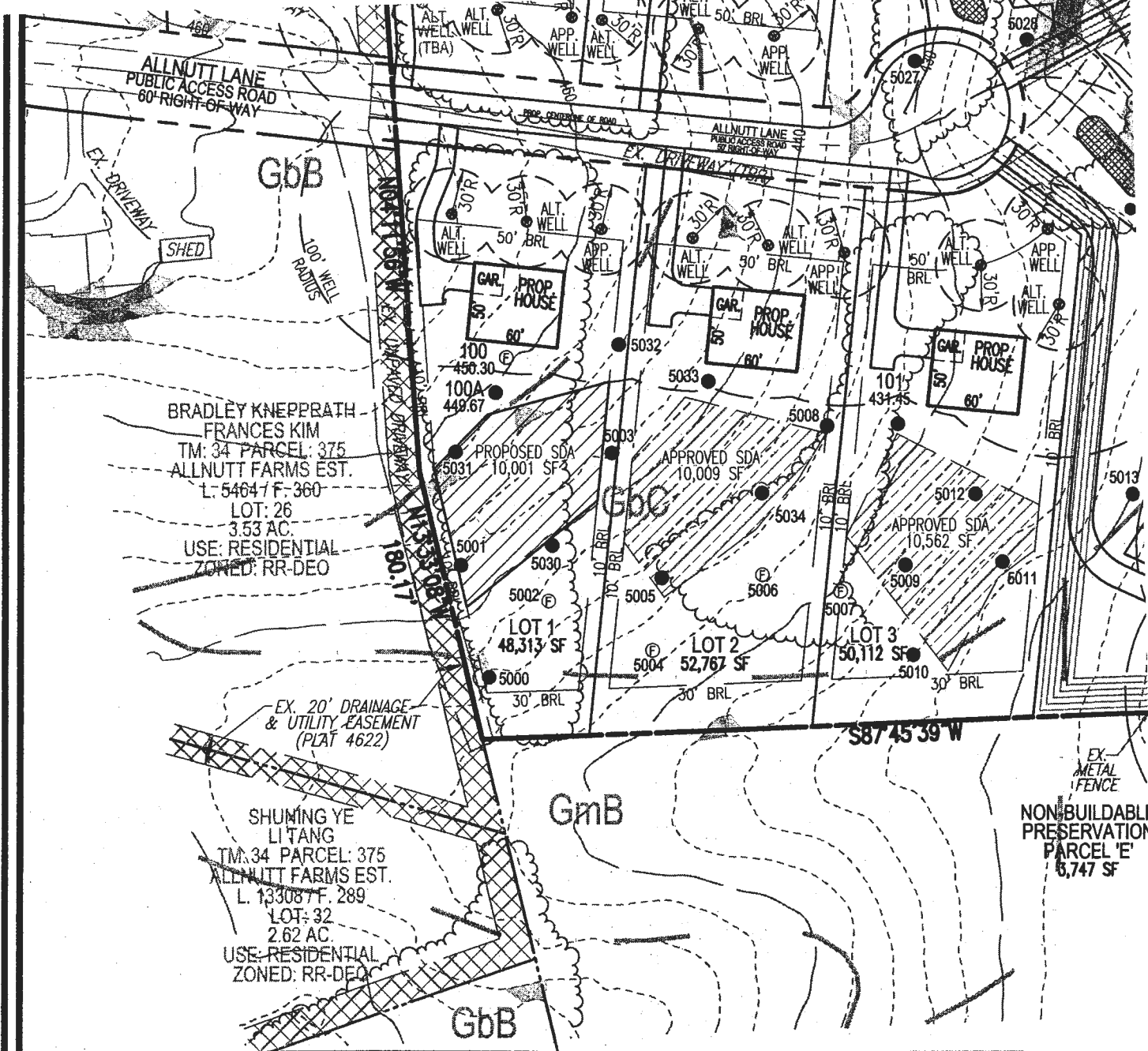
0.8' dk brn L, 2v f s bk
 brn L, 2v f s bk
 SS
 2.2' yel-red cl
 2v s bk, SS
 yel-red cl
 2v f s bk, SS
 clay skins
 3.2' yel-red
 2 yel-brn L
 1 f s bk, SS
 3.2' yel-red L
 fine platy, dense
 clay skins
 6.7' dk brn & red
 to red & yellow
 f s l, thick platy
 common mica
 9' yel-red &
 red-yel ls
 thick platy
 many mica
 12' (100 A)
 dk grey-brn L
 2v f s bk
 0.7' brn L, 2v f s bk
 SS
 1.3' yel-red cl
 2v s bk, SS
 2.5' yel-red & ch
 SS, 35% rock
 4.5' red ch - few
 f s m, dense mica
 6.5' yel-red f s l
 f s m, dense
 mica
 8' red & brn
 f s l, thick
 platy
 many mica
 8' H. brn & yel-red f s l, thick platy, many f. mica. / 12'

101
 1' dk brn L
 brn L, 2v f s bk
 2' yel-brn cl
 2v f s bk, SS
 few mica
 2' yel-red
 & yel-brn
 ch L, SS
 7 f s bk mica
 3.3' yel-red
 f s l, f s m
 SS, many fine
 & v. fine mica
 4.5' red-yel & yel-fs
 f s l, thick platy
 many fine
 & v. fine mica
 6.5' H. brn, yellow,
 & red-yellow
 ls, thick platy
 few mica
 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
12/8/15	100	7' 1/2'	10:15	10:30	14"	reshelf	
reshelf	100	7.8' 1/2'	10:37	11:14			F
12/8/15	101	5' 1/2'	10:56	11:05	11:33	28	P
12/8/15	101	12'	N visual	6' 5"-8'	sidewall 1.2 good/c ²		P
12/8/15	100A	7.7' 1/2'	1:33	1:42	1:57	15	P
#100A off lot - 12 ft down hill at #100							

f = fine; v.f. = very fine; ss = slightly sticky
 REMARKS _____
 SANITARIAN R. Bricker BACKHOE Trinity Power OTHERS Tim Keane
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

8' H. brn & yel-red f s l, thick platy, many f. mica. / 12'



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.

Barbara for *Maura Rossman*
COUNTY HEALTH OFFICER

3/16/2018
DATE

PERCOLATION 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.

Edward J. Glawe
EDWARD J. GLAWE
PROFESSIONAL LAND SURVEYOR No. 21391

MARCH 05, 2018
DATE

C
RENE
JEANN
13550
HIGHLA
(410

Oswald, Hank

From: Oswald, Hank
Sent: Friday, October 22, 2021 11:52 AM
To: Jeremiah Reynolds (Jeremiah.Reynolds@timmons.com)
Subject: Perc Cert Plan_13519 Allnutt Lane_Lot 3

Hi Jeremiah:

The perc cert plan for 13519 Allnutt Lane, Lot 3 has been reviewed with the following comments:

- 1.) Change purpose statement to indicate that the SDA is being revised to accommodate an inground pool.
- 2.) Add note, the existing well tag # HO-17-0327 was field located by ____ on date.

Let me know if you have any questions.

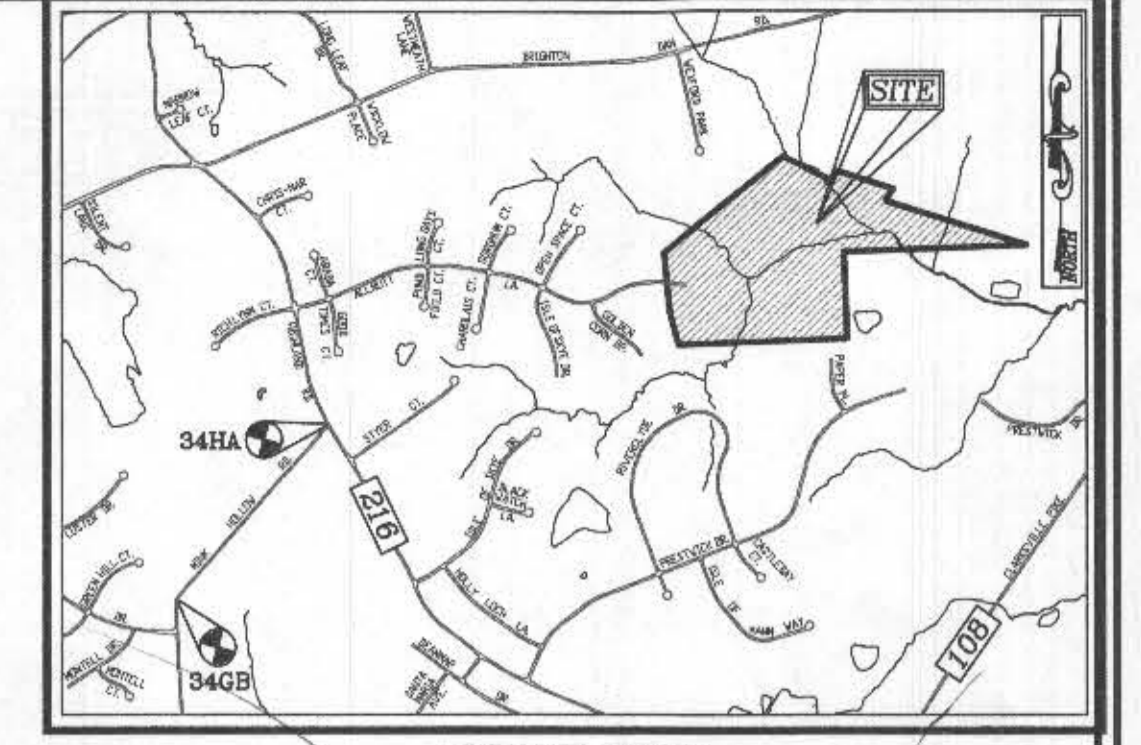
Thanks,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Well & Septic Program
410.313.1786
hoswald@howardcountymd.gov

GENERAL NOTES

1. THIS SUBJECT PROPERTY IS ZONED RR-BEO.
2. THE PROJECT BOUNDARY IS BASED ON A FIELD RUN BOUNDARY SURVEY PREPARED BY ROBERT H. VOGEL ENGINEERING, INC., DATED JULY, 2016.
3. DEED REFERENCE: LIBR 4772 FPOD 765
4. THE EXISTING TOPOGRAPHY SHOWN HEREON IS TAKEN FROM HOWARD COUNTY GIS AND SUPPLEMENTED WITH FIELD RUN SURVEYS PREPARED BY ROBERT H. VOGEL ENGINEERING, INC., DATED MARCH AND MAY OF 2016.
5. SOIL TYPES SHOWN HEREON ARE FROM THE USDA WEB SOIL SURVEY.
6. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100' FROM THE PROPERTY BOUNDARIES HAVE BEEN SHOWN.
7. ANY CHANGE TO A PRIVATE SEWERAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
8. ADJUSTMENT TO THE PRIVATE SEWERAGE AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
9. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
10. EXISTING WELLS AND/OR SEWERAGE AREAS AND COMPONENTS WITHIN 200 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
11. ALL BUILDING SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
12. THE PURPOSE OF THIS PERCOLATION CERTIFICATION REVISION PLAN IS TO ABANDON THE APPROVED SEPTIC FIELD ON LOT 3, IN ORDER TO ACCOMMODATE THIS CHANGE. A SMALL SECTION ON THE APPROVED SEWAGE DISPOSAL AREA ON LOT 3 MUST BE RECONFIGURED.



VICINITY MAP
SCALE: 1"=2000'
AOC MAP: PAGE: 31 / GRID: B2, B3, & C2

BENCHMARKS
HOWARD COUNTY BENCHMARK 340B (CONC. MON.)
N 55396.73 E 1317752.53 ELEV. 508.18
LOCATION: MINK HOLLOW RD. 0.45 MI. SW OF HIGHLAND RD.
HOWARD COUNTY BENCHMARK 34HA (CONC. MON.)
N 555780.15 E 1319355.57 ELEV. 535.23
LOCATION: CORNER OF HIGHLAND RD. & MINK HOLLOW RD.

LEGEND:

	PROPERTY LINE
	ADJACENT PROPERTY LINE
	RIGHT-OF-WAY LINE
	EXISTING CURB
	EXISTING STREAM
	EXISTING STREAM BUFFER
	EXISTING TREELINE
	PROPOSED TREELINE
	EXISTING WETLANDS
	EXISTING WETLAND BUFFER
	PUBLIC 100-YEAR FLOODPLAIN EASEMENT
	PUBLIC FOREST CONSERVATION EASEMENT (AFFORESTATION)
	PUBLIC FOREST CONSERVATION EASEMENT (RETENTION)
	EXISTING METAL FENCE
	EXISTING 10' CONTOUR
	EXISTING 2' CONTOUR
	PROPOSED 10' CONTOUR
	PROPOSED 2' CONTOUR
	APPROVED SEWAGE DISPOSAL AREA
	APPROVED SEWAGE DISPOSAL AREA (TO BE ABANDONED)
	EXISTING WELL LOCATION
	ALTERNATE WELL LOCATION
	PASSED PERC. TEST
	FAILED PERC. TEST

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	GROUP	K-FACTOR	ERODIBLE
BaA	BALLE SILT LOAM, 0 TO 3 PERCENT SLOPES	C/D	.37	YES
Ca	COORRIS AND HATBORO SILT LOAMS, 0 TO 3 PERCENT SLOPES	C	.32	NO
CdB	GLAUSTONE LOAM, 3 TO 8 PERCENT SLOPES	A	.28	NO
CbC	GLAUSTONE LOAM, 8 TO 15 PERCENT SLOPES	A	.28	NO
GmB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C	.43	YES
Hb	HATBORO-COORRIS SILT LOAMS, 0 TO 3 PERCENT SLOPES	B/D	.37	YES

NOTE:
HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR K GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT.

OWNER
ESTATES AT RIVER HILL, LLC
3828 PARK AVE., SUITE 301
ELLCOTT CITY, MD 21043
(410) 480-0023

DEVELOPER
TRINITY HOMES MARYLAND, LLC
3828 PARK AVE., SUITE 301
ELLCOTT CITY, MD 21043
(410) 480-0023

THIS AREA DESIGNATES A PRIVATE SEWERAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA 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 AREA. RECORDATION OF A MODIFIED SEWERAGE AREA SHALL NOT BE NECESSARY.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS:

COUNTY HEALTH OFFICER: _____ DATE: _____

PERCOLATION 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.

Eric David Salmi DATE: 10/13/2021
ERIC DAVID SALMI
PROFESSIONAL LAND SURVEYOR, MD REG. NO. 21639
EXPIRATION/RENEWAL DATE: JANUARY 3RD, 2022

NO. _____ REVISION _____ DATE _____

PERCOLATION CERTIFICATE REVISION PLAN

THE ESTATES AT RIVER HILL
LOT 3
13519 ALLNUTT LANE
HIGHLAND, MD 20777

PARCEL: 988 GRID: 23 ZONED: RR-BEO
TAX MAP: 54 5TH ELECTION DISTRICT L 18487 / F 282
HOWARD COUNTY, MARYLAND

VOGEL ENGINEERING
TIMMONS GROUP
3300 NORTH RIDGE ROAD, SUITE 110, ELLCOTT CITY, MD 21043
P: 410.461.7666 F: 410.461.8961 www.timmons.com

PROFESSIONAL CERTIFICATE

DESIGN BY: R-HV
DRAWN BY: KG
CHECKED BY: R-HV
DATE: OCTOBER 2021
SCALE: AS SHOWN
W.O. NO.: 15-39

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. MY LICENSE NUMBER IS 15813 AND MY EXPIRATION DATE IS 09-27-2022.

1 SHEET OF 1

