



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 unknown 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) Robert Williams

DAYTIME PHONE 410 465 5366 CELL _____ FAX _____

MAILING ADDRESS 13110 GREENBERRY LANE CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT MILDENBERG, BOENDER & ASSOC., INC.

DAYTIME PHONE 410 997 0296 CELL 1 FAX 410 997 0298

MAILING ADDRESS 6800 Deerpath Rd ELKIDGE MD 21075
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME GREENBERRY LOT NO. 20

PROPERTY ADDRESS 13110 GREENBERRY LANE CLARKSVILLE MD 21029
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 28 GRID _____ PARCEL(S) 48 PROPOSED LOT SIZE 1A±

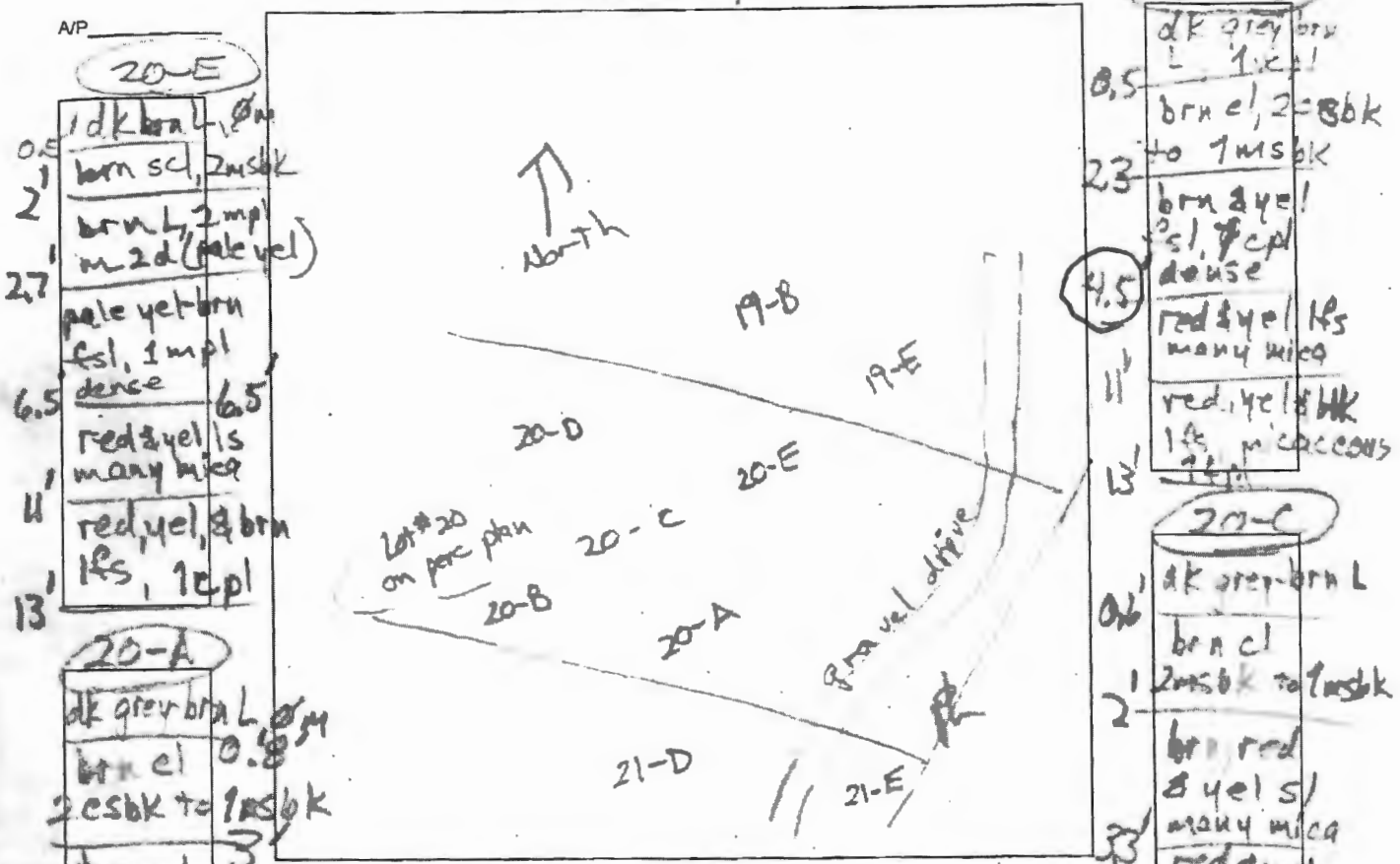
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. 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

Greenberry lot 20



20-E

0.5' dk brn L, 1 vpl
 2' brn scl, 2msbk
 2.7' brn L, 2mp
 m 2d (pale vel)
 6.5' pale yet brn
 fsl, 1mpl
 dence
 6.5' red & yel ls
 many mica
 4' red, yel, & brn
 lfs, 1cpl
 13'

20-D

0.5' dk grey brn
 L, 1 vpl
 2.3' brn cl, 2msbk
 to 7msbk
 4.5' brn & yel
 sl, f cpl
 dense
 11' red & yel lfs
 many mica
 13' red, yel & blk
 lfs, micaceous

20-A

0.8' dk grey brn L
 brn cl
 2msbk to 7msbk
 3' brn L
 c 2msbk (yel)
 6.5' red & yel & red
 fsl, heavy
 red & yel
 many mica
 11.2' pale red, yel
 fsl
 12.8' pale yel
 fsl

20-C

0.6' dk grey-brn L
 brn cl
 2msbk to 7msbk
 2' brn red
 & yel sl
 many mica
 3.3' red & yel
 lfs, many
 mica
 7.2' red & grey-brn
 lfs, many
 mica
 11.3' red & yel
 fsl, many
 mica
 12' few characters

20-B

0.6' dk grey-brn L
 3 vpl
 3.6' brn cl
 2msbk to 7msbk
 3.2' brn L, 2mp
 to brn fsl (heavy)
 4.8' brn & tan
 lfs, many
 mica
 9.9' red & yel
 many mica
 12' red, blk & tan
 1 vpl micaceous

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
11/2/12	20-E	7.7' 13'	12:54	1:07	1:34	27	P
11/2/12	20-C	5.8' 12'	1:18	1:20	1:24	4	P
11/2/12	20-D	13'	Visual		4.5' to 8' OK		P
11/2/12	20-A	12.8'	Visual		7' to 8' OK 0.8' to 10'		P
11/2/12	20-B	6' 12'	2:01	2:05	2:14	9	P

REMARKS _____

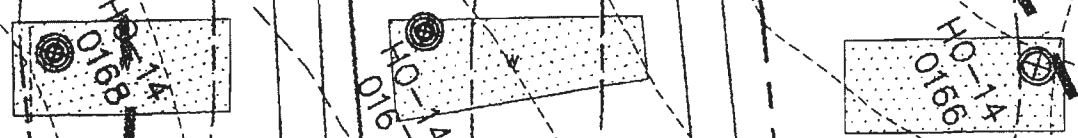
SANITARIAN RB BACKHOE J&A OTHERS Jeff Sloman

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

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

OWNED BY THE HOMEOWNER'S ASSOCIATION WITH THE EASEMENT HELD BY HOWARD COUNTY.

MATCHLINE SHEET 2

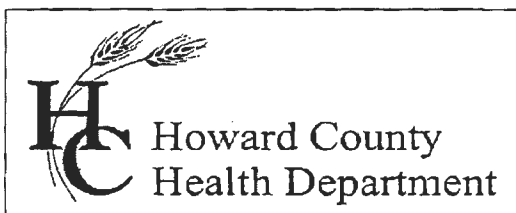


WAYNE MILES
KRISTIE MILES
L 10 137 F 00008
ZONED: RR-DEO

GGC(B)
GGB(B)

N 35°39'26" E 1188.00

1,321,400



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
Main: 410-313-6300 | Fax: 410-313-6303
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

August 29, 2013

Robert Williams
c/o Jacob Hikmat, Applicant for Percolation Tests

RE: Variance request
'Greenberry'
Tax Map 28, Parcel 48
Howard County, Maryland

Dear Mr. Williams,

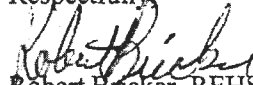
The Health Department submitted a variance request on your behalf for the potential development of the Parcel 48 (Howard County Tax Map 28). Consideration of the soil conditions and percolation test results, assumed groundwater flow patterns, and landscape position were some of the factors used in making our recommendation for approval.

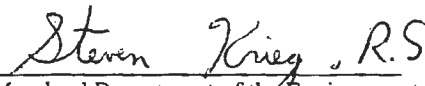
The Maryland Department of the Environment (MDE) has accepted our recommendation to approve the variance request subject to the specific conditions that are described below. The pending approval will allow for sewage disposal areas (SDAs) to be established at the current proposed locations on lots currently designated as '18', '19', '20', and '21' on SP-13-010. Should you sell your property prior to development, these requirements shall continue with the property transfer. One or more of the designated SDAs' locations are at least 200 feet distance from wells that are downgrade on neighboring properties. The wells located on Lot 21, and on Lot 24 (both in Twelve Hills Subdivision), and on Parcel 162, are downgrade of SDAs on Lots 18 and 19, Lot 20, and Lots 20 and 21 respectively.

Due to the geology, soils characteristics, and landscape position of the sewage areas in relation to the proposed wells, the proposal may be approved subject to the following conditions:

1. The sewage discharge from the residences to be built on the designated lots must be treated by best-available-technology (BAT) denitrification units. (Currently required by MDE.)
2. Low-pressure distribution design, or an approved alternative design, is to be utilized for all drainfields that will be established on the designated lots.

If you have any questions regarding this letter, you may contact me at the above address or by calling (410) 313-1771.

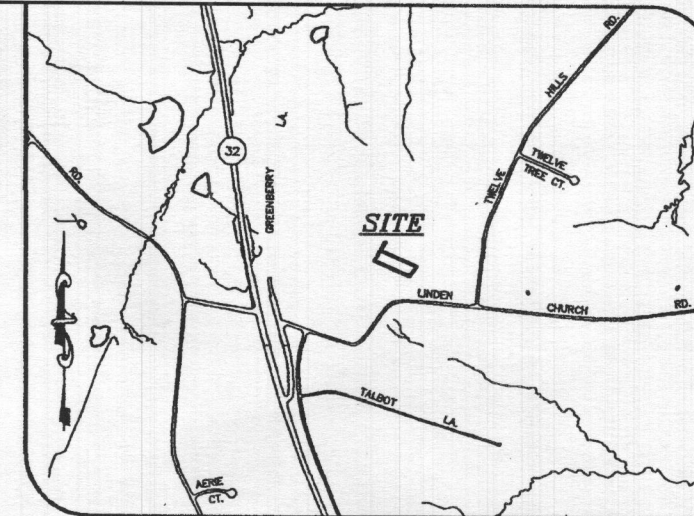
Respectfully,

Robert Bricker, REHS/R.S.
Well and Septic Program


Maryland Department of the Environment

COPY: Jacob Hikmat, Applicant
file

SOILS TABLE (WITHIN SITE)

SYMBOL	RATING	NAME	K FACTOR
GgB	(B)	GLENELG LOAM, 3-8% SLOPES.	.37
GgC	(B)	GLENELG LOAM, 8-15% SLOPES.	.43



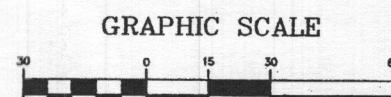
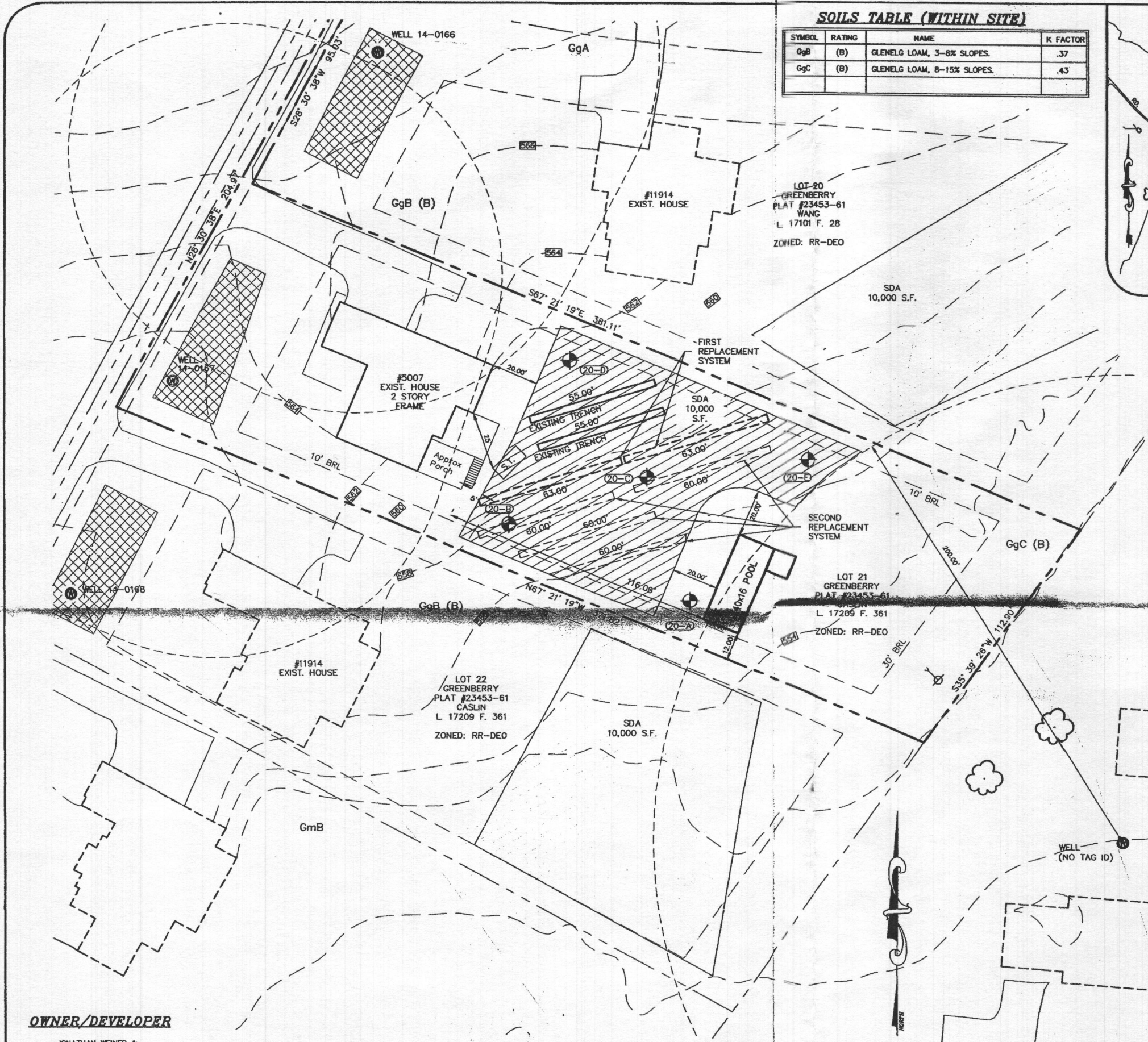
VICINITY MAP
SCALE: 1"=1200'

THE PURPOSE OF THE PLAN IS TO REVISE THE EXISTING SEPTIC DISPOSAL AREA (SDA) TO ALLOW FOR A POOL TO BE BUILT ON THE LOT 21

GENERAL NOTES:

- THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE 10/06/2013 COMPREHENSIVE ZONING PLAN.
- PARCEL BACKGROUND:**
ADDRESS : 5007 ALTOGETHER WAY, CLARKSVILLE, MD 21029
TAX MAP 28; GRID 09; PARCEL 48; LOT 21
ELECTION DISTRICT : FIFTH
DEED REFERENCE: 17065 / 389
RECORD PLAT NO: 23453-61
AREA : 41,967 SQ.FT.
TOTAL NUMBER OF UNITS : 1 EXISTING HOUSE
TYPE OF PROPOSED UNIT : SFD
PROPOSED USE FOR SITE : RESIDENTIAL
- PROJECT BOUNDARY IS BASED ON A BOUNDARY SURVEY PERFORMED BY MILDENBERG, BOENDER & ASSOC ON OR ABOUT NOV., 2012.
- TOPOGRAPHY SHOWN IS BASED ON ARIAL SURVEY FLOWN BY WINGS TOPOGRAPHY INC, PERFORMED ON OR ABOUT MARCH 2007 AND FIELD VERIFIED BY MILDENBERG, BOENDER & ASSOC.
- HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 28EA & 28EB.

STA. No. 28EA: N 572,158.9852; E 1,319,400.6816; EL 485.012
STA. No. 28EB: N 569,537.3657; E 1,322,113.5747; EL 436.733
- ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
- SOILS LOCATION AND CLASSIFICATION BASED ON HOWARD COUNTY GIS SOIL SURVEY
- WELL LOCATIONS SHOWN ARE BASED ON HEALTH DEPARTMENT RECORDS VERIFIED BY FIELD VISIT.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- SEPTIC TANKS AND DRAIN FIELD SHOWN IS BASED ON DATA PROVIDED BY HOWARD COUNTY HEALTH DEPARTMENT.
- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE 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 EASEMENT SHALL NOT BE NECESSARY.



LEGEND

PASSED TEST PIT

project	date	10/16/20	engineering	approval	SLA
15-005	illustration		TMBH	scale	1"=60'

no.	description	date
	revisions	

GREENBERRY, LOT 21
5007 ALTOGETHER WAY, CLARKSVILLE MD
TAX MAP 28, GRID 09, PARCEL 48
HOWARD COUNTY
FIFTH ELECTION DISTRICT
REVISED PERCOLATION CERTIFICATION PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
780-B Grace Drive, Columbia, Maryland 21044
(410) 587-0298 Fax (410) 587-0298 Fax

OWNER/DEVELOPER

JONATHAN WEINER &
KATE WEINER
15007 ALTOGETHER WAY
CLARKSVILLE, MARYLAND 21029
(410)465-5739



7350-B Grace Drive, Columbia, Maryland 21044 (410)997-0296 (410)997-0298 Fax

October 16, 2020

Hank Oswald, L.E.H.S.
Environmental Health Specialist
Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
8930 Stanford Blvd.
Columbia, MD 21045

Project Information:

Project No. 15-005
Project Name: Greenberry – Lot 21
Address: 5007 Altogether Way

Dear Mr. Oswald;

I am hereby forwarding this revised submission for your review and approval. This submission includes the flowing. If you have any questions or require any additional information, please do not hesitate to contact me.

1. Revised Percolation Certification Plan

The flowing is a point by point response to your comments from an email dated 10/15/2020

1.) *Label each test hole with their appropriate #.*

The five (5) Percolation test holes have been labeled (i.e. 20-A, 20-B,20-C,20-D,20-E).

2.) *Add a purpose statement.*

A purpose statement has been added above the general notes.

3.) *Label replacement systems on plan*

The first and second replacement systems have been labeled.

4.) *According to the As-built, each existing trench is 55 feet long (not 54).*

The existing trenches have been corrected to match the as-built of 55'.


5.) *Did you use my specs to calculate the amount of trench for the replacement systems? Provide supplemental calculation sheets with next submittal.*

Supplement calculation have been provided with this submission.

6.) *This is lot 21 (not 22)*

The Lot label has been corrected.

Sincerely,



Todd M. Hill,

Professional Land Surveyor

Cc: Client

Residential Septic Design

Date: 9/14/20

Project: Greenberry - Lot 21 (Weiner)
 Address: 5007 Altogether Way
 System: Initial

W/O: 15-005

Number of Bedroom Volume of Wastewater / Day Gallons

Percolation Rate	Application Rate	Appl. For Site
Minutes / Inch	Gallons per Day / Square Foot	(Per Health Dept.)
Less Than 2	Not Suitable	1.2
2 - 5	1.2	
6 - 15	0.8	
16 - 30	0.6	

Design Flow: Sq.Ft. (Design Flow ÷ Applic. Rate = Sq. Ft. of Trench)

Trench Width: Trench width can be 2 or 3 feet

Length of Trench: Feet (Sq.Ft. Required ÷ Width = Length of Trench)

Effective Area Beginning Depth: Bottom Maximum Depth:

Depth in inches

Effective Depth of Gravel below Pipe (in Inches)	Trench Width	
	2 Feet	3 Feet
12	0.80	0.83
18	0.66	0.71
24	0.57	0.62
30	0.50	0.55
36	0.44	0.50
42	0.40	0.45

Trench Adjustment (Use chart above) Trench Depth (Feet)

Adjusted Length Feet

Trench Spacing If Less than 10', use 10' Spacing;

12	0.80	0.83
18	0.66	0.71
24	0.57	0.62
30	0.50	0.55
36	0.44	0.50
42	0.40	0.45

Mildenberg, Boender & Assoc., Inc.
 7350-B Grace Drive, Columbia, MD 21044
 Tel. (410) 997-0296

Residential Septic Design

Date: 9/14/20
W/O: 15-005

Project: Greenberry - Lot 21 (Weiner)
Address: 5007 Altogether Way
System: 1st Replacement

Number of Bedroom Volume of Wastewater / Day Gallons

Percolation Rate	Application Rate	Appl. For Site
Minutes / Inch	Gallons per Day / Square Foot	(Per Health Dept.)
Less Than 2	Not Suitable	0.8
2 - 5	1.2	
6 - 15	0.8	
16 - 30	0.6	

Design Flow: Sq.Ft. (Design Flow ÷ Applic. Rate = Sq. Ft. of Trench)

Trench Width: Trench width can be 2 or 3 feet

Length of Trench: Feet (Sq.Ft. Required ÷ Width = Length of Trench)

Effective Area Beginning Depth: Bottom Maximum Depth:

Depth in inches

Effective Depth of Gravel below Pipe (in Inches)	Trench Width	
	2 Feet	3 Feet
12	0.80	0.83
18	0.66	0.71
24	0.57	0.62
30	0.50	0.55
36	0.44	0.50
42	0.40	0.45

Trench Adjustment (Use chart above) Trench Depth (Feet)

Adjusted Length Feet

Trench Spacing If Less than 10', use 10' Spacing;

12	0.80	0.83
18	0.66	0.71
24	0.57	0.62
30	0.50	0.55
36	0.44	0.50
42	0.40	0.45

Residential Septic Design

Project: Greenberry - Lot 21 (Weiner)
 Address: 5007 Altogether Way
 System: 2nd Replacement

Date: 9/14/20
 W/O: 15-005

Number of Bedroom Volume of Wastewater / Day Gallons

Percolation Rate	Application Rate	Appl. For Site
Minutes / Inch	Gallons per Day / Square Foot	(Per Health Dept.)
Less Than 2	Not Suitable	0.6
2 - 5	1.2	
6 - 15	0.8	
16 - 30	0.6	

Design Flow: Sq.Ft. (Design Flow ÷ Applic. Rate = Sq. Ft. of Trench)

Trench Width: Trench width can be 2 or 3 feet

Length of Trench: Feet (Sq.Ft. Required ÷ Width = Length of Trench)

Effective Area Beginning Depth: Bottom Maximum Depth:

Depth in inches

Effective Depth of Gravel below Pipe (in Inches)	Trench Width	
	2 Feet	3 Feet
12	0.80	0.83
18	0.66	0.71
24	0.57	0.62
30	0.50	0.55
36	0.44	0.50
42	0.40	0.45

Trench Adjustment (Use chart above) Trench Depth (Feet)

Adjusted Length Feet

Trench Spacing If Less than 10', use 10' Spacing;

12	0.80	0.83
18	0.66	0.71
24	0.57	0.62
30	0.50	0.55
36	0.44	0.50
42	0.40	0.45

SYSTEM	Application Rate(gpd / s.f.)	Maximum Flow Rate (gpd)	Area of Required Trench (Square Feet)	Trench Width (Feet)	Length of Required Trench (l.f.)	Effective Depth Begins (ft.)	Trench Bottom Depth (ft.)	Trench Reduction Factor**	Adjusted Length of Required Trench (ft.)	Minimum Trench Spacing (ft.)	Number of Trenches	Provided trench Length (ft.)
Initial	1.2	600	500	3	166.67	4.0	6.0	0.62	103.33	10	2	51.67
1st Replacement	0.8	600	750	3	250.00	5.0	8.0	0.50	125.00	10	2	62.50
2nd Replacement	0.6	600	1,000	3	333.33	6.5	8.0	0.71	236.67	10	4	59.17

Oswald, Hank

From: Oswald, Hank
Sent: Friday, October 16, 2020 11:20 AM
To: Todd Hill
Subject: Re: 5007 Altogether Way (Lot 21)

Thanks again. Have a good weekend.

Sent from my Verizon, Samsung Galaxy smartphone
Get [Outlook for Android](#)

From: Todd Hill <tHill@mba-eng.com>
Sent: Friday, October 16, 2020 11:15:43 AM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: RE: 5007 Altogether Way (Lot 21)

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Yes, everything I sent in the email is in an envelope

From: Oswald, Hank <hoswald@howardcountymd.gov>
Sent: Friday, October 16, 2020 11:14 AM
To: Todd Hill <tHill@mba-eng.com>
Subject: Re: 5007 Altogether Way (Lot 21)

Okay. Are the calculations with the plan?

Sent from my Verizon, Samsung Galaxy smartphone
Get [Outlook for Android](#)

From: Todd Hill <tHill@mba-eng.com>
Sent: Friday, October 16, 2020 10:49:43 AM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: RE: 5007 Altogether Way (Lot 21)

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

The plans are in the bin outside now

From: Oswald, Hank <hoswald@howardcountymd.gov>
Sent: Friday, October 16, 2020 10:45 AM
To: Todd Hill <tHill@mba-eng.com>
Cc: samer alomer <salomer@mba-eng.com>
Subject: Re: 5007 Altogether Way (Lot 21)

Thanks Todd. That should do it. My next office visit is on Tuesday, so hopefully the plan will be there, and I will send it for signature.

Hank

Sent from my Verizon, Samsung Galaxy smartphone
Get [Outlook for Android](#)

From: Todd Hill <tHill@mba-eng.com>
Sent: Friday, October 16, 2020 9:26:19 AM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Cc: samer alomer <salomer@mba-eng.com>
Subject: RE: 5007 Altogether Way (Lot 21)

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good Morning Hank;

Attached please find the revised percolation Certification plan and supporting documents

From: Oswald, Hank <hoswald@howardcountymd.gov>
Sent: Thursday, October 15, 2020 2:50 PM
To: Todd Hill <tHill@mba-eng.com>
Subject: Re: 5007 Altogether Way (Lot 21)

Thanks Todd. Let me know when you've sent it so I can look for it. Thanks again, Hank

Sent from my Verizon, Samsung Galaxy smartphone
Get [Outlook for Android](#)

From: Todd Hill <tHill@mba-eng.com>
Sent: Thursday, October 15, 2020 2:43:40 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: RE: 5007 Altogether Way (Lot 21)

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Thank you, for your review

From: Oswald, Hank <hoswald@howardcountymd.gov>
Sent: Thursday, October 15, 2020 2:42 PM
To: Todd Hill <tHill@mba-eng.com>
Cc: samer alomer <salomer@mba-eng.com>
Subject: Re: 5007 Altogether Way (Lot 21)

Hi Todd:

The perc cert plan was reviewed with the following comments:

- 1.) Label each test hole with their appropriate #.
- 2.) Add a purpose statement.

- 3.) Label replacement systems on plan
- 4.) According to the As-built, each existing trench is 55 feet long (not 54)
- 5.) Did you use my specs to calculate the amount of trench for the replacement systems? Provide supplemental calculation sheets with next submittal.
- 6.) This is lot 21 (not 22)

Please make these revisions, and I will forward it for signature.

Thanks,

Hank

From: Todd Hill <tHill@mba-eng.com>
Sent: Tuesday, October 6, 2020 11:01 AM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Cc: samer alomer <salomer@mba-eng.com>; Jonathan Weiner <jtw@marylandchina.com>
Subject: RE: 5007 Altogether Way (Lot 21)

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good Morning Hank;

Here is the plans to revise the Sewage Disposal Area for Lot 21 to accommodate a pool on lot 21 (3 paper copies are being dropped off). Please let me know if you have any comments or questions.

Thank you

Todd

From: Oswald, Hank <hoswald@howardcountymd.gov>
Sent: Friday, September 25, 2020 9:03 AM
To: Todd Hill <tHill@mba-eng.com>
Cc: samer alomer <salomer@mba-eng.com>; Jonathan Weiner <jtw@marylandchina.com>
Subject: Re: 5007 Altogether Way (Lot 21)

Hi Todd:

Good morning. Any lot created after 1985 with a 10,000 area is required by COMAR to retain it. There is not a variance option for that.

Let me know if you have any other questions.

Hank

From: Todd Hill <tHill@mba-eng.com>
Sent: Thursday, September 24, 2020 2:34 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>

Cc: samer alomer <salomer@mba-eng.com>; Jonathan Weiner <jtw@marylandchina.com>

Subject: RE: 5007 Altogether Way (Lot 21)

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good Afternoon Hank;

I do have one follow up question in regards to the required 10,000 square foot SDA, is this set in stone or is it possible to do a waiver.

As always, thanks for your help

Todd

From: Oswald, Hank <hoswald@howardcountymd.gov>

Sent: Wednesday, September 23, 2020 3:39 PM

To: Todd Hill <tHill@mba-eng.com>

Cc: samer alomer <salomer@mba-eng.com>

Subject: Re: 5007 Altogether Way (Lot 21)

Hi Todd:

I reviewed the exhibit. The septic tank location does not quite match up with the As-Built drawing. Please field locate the existing septic tank and trenches and plot them on the plan. I think once that's done, we will know for sure that both meet the setback to the proposed pool. The last system doesn't seem to be entirely on contour. It might be better if you used 3 or maybe 4 trenches on the last system. I am not entirely sure about the septic specs that you used for the replacement systems, so I have asked for some help on this. I will get back to you if something changes. Please keep in mind that the new total square footage must still be at least 10,000 sq. ft.

Let me know if you have any questions.

Hank

Hank Oswald

Howard County Health Department

Well and Septic Program

From: Todd Hill <tHill@mba-eng.com>

Sent: Tuesday, September 22, 2020 3:56 PM

To: Oswald, Hank <hoswald@howardcountymd.gov>

Cc: samer alomer <salomer@mba-eng.com>

Subject: FW: 5007 Altogether Way (Lot 21)

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good Afternoon Hank;

On behalf of my client I was checking to see if you got my exhibit and if you had a chance to review any of it. Thank you in advance.

Todd

From: Todd Hill
Sent: Tuesday, September 15, 2020 10:39 AM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: RE: 5007 Altogether Way (Lot 21)

Thank you very much, I will do this today

From: Oswald, Hank <hoswald@howardcountymd.gov>
Sent: Tuesday, September 15, 2020 10:37 AM
To: Todd Hill <tHill@mba-eng.com>
Cc: Jonathan Weiner <jtw@marylandchina.com>; samer alomer <salomer@mba-eng.com>
Subject: RE: 5007 Altogether Way (Lot 21)

Hi Mr. Hill

Please submit at least 2 paper copies for review. We have a drop box at the entrance. Feel free to use it between 830 and 3 p.m. Monday through Friday.

Thanks,

Hank

From: Todd Hill <tHill@mba-eng.com>
Sent: Tuesday, September 15, 2020 10:19 AM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Cc: Jonathan Weiner <jtw@marylandchina.com>; samer alomer <salomer@mba-eng.com>
Subject: 5007 Altogether Way (Lot 21)

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Good Morning Hank;

I am the project manager for the above listed project, I am submitting an exhibit and computation for the revised SDA, I have located the well on the adjacent parcel. If you could please review the exhibit, and if you are o.k. with this layout, I will submit a revised Percolation Certification Plan.

Jonathan, please be advised, I had to move the pool closer to the side property line.

Thank You

Todd M. Hill,
Professional Land Surveyor

Mildenberg, Boender & Assoc., Inc.
7350B Grace Drive, Columbia, MD 21044
410-997-0296



From: Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]
Sent: Thursday, August 27, 2020 9:05 AM
To: Jonathan Weiner <jt看@marylandchina.com>
Subject: RE: Proposed Perc Cert Plan_5007 Altogether Way

Hi Mr. Weiner:

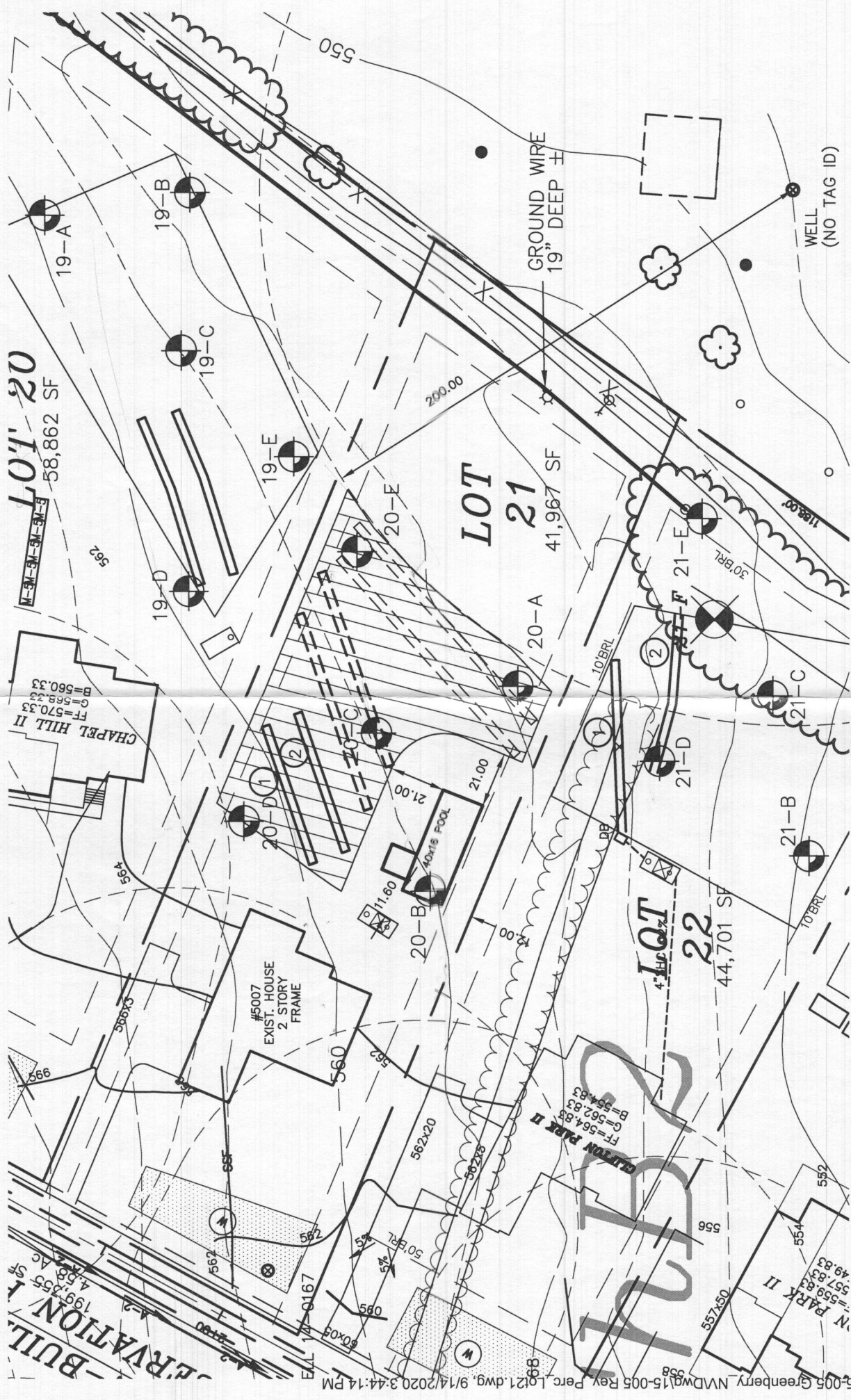
The expansion of the sewage disposal area (SDA) seems okay, but one replacement system is way off contour and the proposed pool looks to be under 20 feet from the new SDA. As mentioned, there is a downgrade well and a variance, so you can go down a bit, but the area must stay over 200' away from the well. Additionally, you can go down to the 556 contour line without additional testing and can go to 5' of the property line. Also, you will need to retain 10,000 sq. ft. area and show how 2 replacement systems fit on contour with the new SDA. The existing trenches must be field located and shown accurately on the new perc cert plan. Lastly, you will also need to get an engineer to work on the adjustment.

I've attached a list of engineers to assist you with this process. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
(410) 313 - 1786
hoswald@howardcountymd.gov



LOT 20
58,862 SF

LOT 21
41,967 SF

LOT 22
44,701 SF

CHAPLAIN HILL II
B=560.33
G=568.32
F=570.33

#5007
EXIST. HOUSE
2 STORY
FRAME

40x16 POOL

CLAYTON PARK II
B=564.83
G=562.83
F=564.83

N PARK II
B=559.83
G=557.83
F=559.83

- 1:50
- * tank field located
- * what's the sq. ft. of new SDA,
- * what specs were used?

RESERVATION 1
BUIL
199,355
4.58
Ac
Sq

1st 0'8" to 6'5"
2nd 0'0" to 6'8"

Eng. Specs

Hank Oswald, L.L.P.S.

Environmental Health Specialist
Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
8930 Stanford Blvd.
Columbia, MD 21045

Project Information:
Project No. 15-005

Project Name: Greenberry – Lot 21

Address: 5007 Altogether Way

Dear Mr. Oswald;

As you requested and on behalf of our client, we are submitting two (2) copies of an exhibit to revised Percolation Certification Plan and septic computations, for your review and approval.

Thank you for your consideration of this submittal. If you have any questions or require any additional information, please do not hesitate to contact me.

Sincerely,



Todd M. Hill,

Professional Land Surveyor

Cc: Client

Oswald, Hank

From: Oswald, Hank
Sent: Thursday, August 27, 2020 9:05 AM
To: Jonathan Weiner
Subject: RE: Proposed Perc Cert Plan_5007 Altogether Way
Attachments: ENGINEERS_2.4.2020.pdf

Hi Mr. Weiner:

The expansion of the sewage disposal area (SDA) seems okay, but one replacement system is way off contour and the proposed pool looks to be under 20 feet from the new SDA. As mentioned, there is a downgrade well and a variance, so you can go down a bit, but the area must stay over 200' away from the well. Additionally, you can go down to the 556 contour line without additional testing and can go to 5' of the property line. Also, you will need to retain 10,000 sq. ft. area and show how 2 replacement systems fit on contour with the new SDA. The existing trenches must be field located and shown accurately on the new perc cert plan. Lastly, you will also need to get an engineer to work on the adjustment.

I've attached a list of engineers to assist you with this process. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
(410) 313 - 1786
hoswald@howardcountymd.gov

From: Jonathan Weiner <jtw@marylandchina.com>
Sent: Tuesday, August 25, 2020 3:28 PM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: Proposed Plan

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Hi Hank,

Thanks for calling me today.

Attached is a pdf of a very rough plan for placing the proposed pool on my lot and changing the boundaries of the Private Sewage Easement and moving the locations of the future trenches.

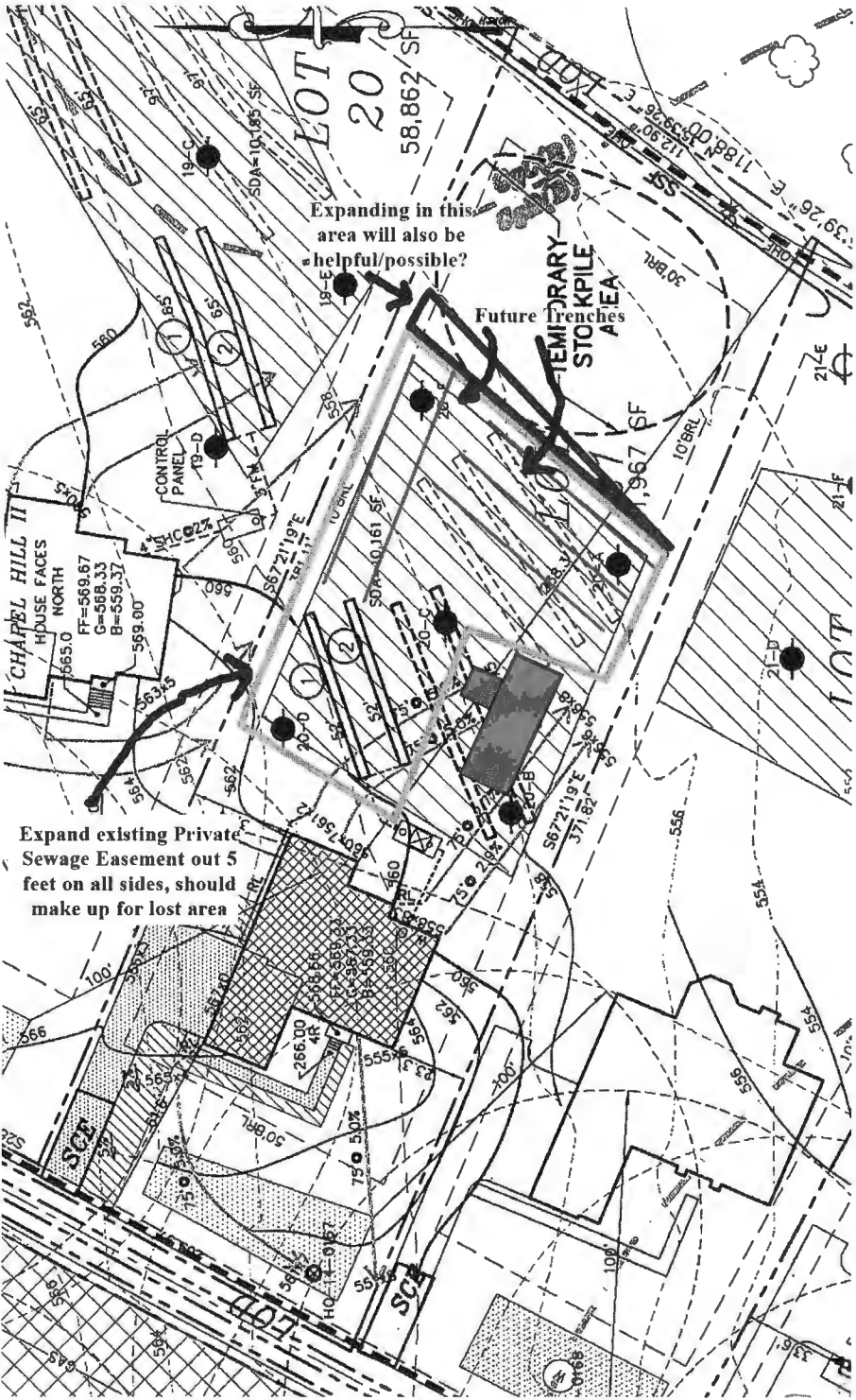
Let me know if you think a plan similar to this would be possible.

Would my next step be to hire someone to draw up a new proposed Private Sewage Easement to submit to the county?

Do you know if the county can expand the boundaries by 5 feet before I hire anyone?

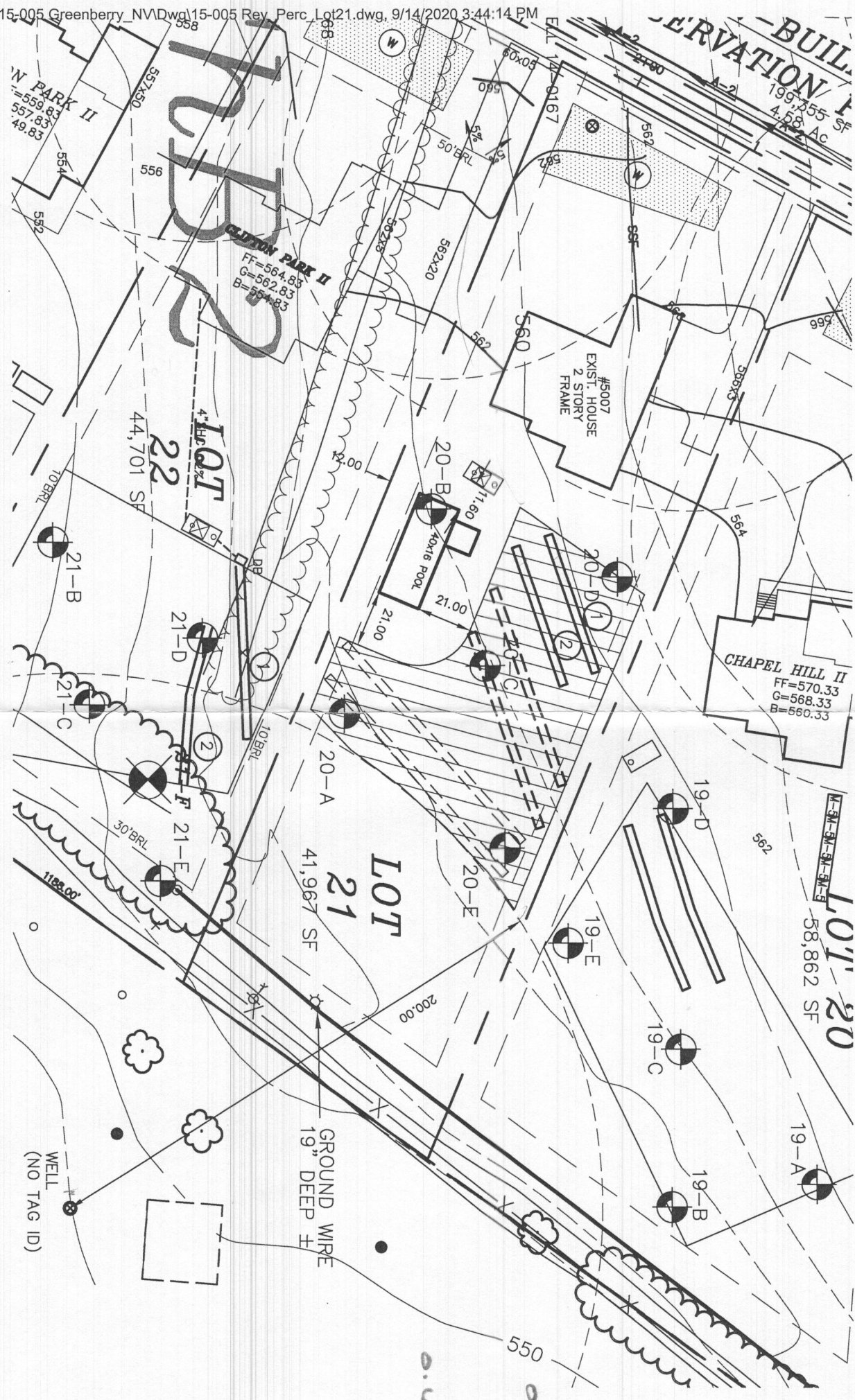
Thanks,
Jonathan
4103753642

Jonathan T. Weiner
Vice President
Maryland China Company
54 Main St.
Reisterstown, MD 21136
Phone: 800 638-3880
Fax: 410 833-1851
Direct: 443 650-1589



Expanding in this area will also be helpful/possible?

Expand existing Private Sewage Easement out 5 feet on all sides, should make up for lost area



Oswald, Hank

From: Williams, Jeffrey
Sent: Tuesday, August 25, 2020 12:36 PM
To: Oswald, Hank
Subject: RE: Shift SDA_5007 Altogether Way

I had a long conversation with that guy two weeks ago. He has limited room for a pool and was trying to put it in the SDA, so he was having a hard time figuring out how that would be possible. Yes, there is a downgrade well and a variance, so he could go down a little bit as long as he stays over 200'. I told him he could go down to the 556 contour line without additional testing and could go to 5' to the property line. Beyond that, he'd have to retest. One plan showed a stockpile in the lower yard, so we'd have to test to see what happened with the soil there. Also, not sure how much he could go down and still be 200' away from well. The other possibility was moving the septic tank, but I confirmed with him that his BAT is for the variance, so he'd have to replace it with a BAT, not just a septic tank.

From: Oswald, Hank <hoswald@howardcountymd.gov>
Sent: Tuesday, August 25, 2020 11:57 AM
To: Williams, Jeffrey <jewilliams@howardcountymd.gov>
Subject: Shift SDA_5007 Altogether Way

Hi Jeff:

Can I get your opinion on this? Owner of 5007 Altogether Way wants to move his SDA to fit a pool. There is a downgrade well on 12994 Linden Church. In my opinion, it doesn't look like there is much room to make up area towards the rear lot line, but I was wondering if the SDA can go to 5 feet of the property line. What do you think?

Thanks,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
(410) 313 - 1786
hoswald@howardcountymd.gov

Oswald, Hank

From: Jonathan Weiner <jtw@marylandchina.com>
Sent: Tuesday, August 25, 2020 3:28 PM
To: Oswald, Hank
Subject: Proposed Plan
Attachments: Proposed Plan v1_20200825.pdf

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Hi Hank,

Thanks for calling me today.

Attached is a pdf of a very rough plan for placing the proposed pool on my lot and changing the boundaries of the Private Sewage Easement and moving the locations of the future trenches.

Let me know if you think a plan similar to this would be possible.

Would my next step be to hire someone to draw up a new proposed Private Sewage Easement to submit to the county?

Do you know if the county can expand the boundaries by 5 feet before I hire anyone?

Thanks,
Jonathan
4103753642

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