



# Building Permit Application

Howard County Maryland  
Department of Inspections, Licenses and Permits  
3430 Court House Drive  
Permits: 410-313-2455  
www.howardcountymd.gov

Date Received: \_\_\_\_\_

Permit No.: **B19003324**

Building Address: **13440 TRIADLPHIA MIL RD**  
City: **CLARKVILLE** State: **MD** Zip Code: **21029**  
Suite/Apt. #: \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
Subdivision: **PENTON ESTATES**  
Lot: **2** Tax Map: **0034** Parcel: **0385**

Existing Use: **SINGLE-FAMILY DWELLING**  
Proposed Use: " " " "

Estimated Construction Cost: \$ **100,000**

Description of Work: **1-STORY FRAME  
ADDITION ON FULL BSMT - 1,104  
SQ. FT ± AND COVERED  
STEEP & STEPS**

Occupant/Tenant Name: \_\_\_\_\_

Was tenant space previously occupied? ☐ Yes ☐ No

Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Property Owner's Name: **JOHN GRAHAM**  
Address: **SAME AS PROPERTY**  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Phone: **443.799.1270** Fax: \_\_\_\_\_  
Email: **ANYDEBAIL@GMAIL.COM**

Applicant's Name & Mailing Address, (If other than stated herein)

Applicant's Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

Contractor Company: **- OWNER -**

Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

License No.: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Engineer/Architect Company: **ALLEN & DELANIO ARCHITECTS**

Responsible Design Prof.: **SCOTT H. ALLEN**

Address: **4300 SCOTCH MEADOW CT.**

City: **OLNEY** State: **MD** Zip Code: **20832**

Phone: **443.838.1648** Fax: \_\_\_\_\_

Email: **SAUENARCHITECT@GMAIL.COM**

Commercial Building Characteristics	Residential Building Characteristics
Height: <b>16' 10" ±</b>	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories: <b>1</b>	Depth Width
Gross area, sq. ft./floor: <b>2,208</b>	1 <sup>st</sup> floor: <b>63' 8" x 22' 0"</b>
Area of construction (sq. ft.): <b>2,353</b>	2 <sup>nd</sup> floor: _____
Use group: <b>R</b>	Basement: <b>63' 8" x 22' 0"</b>
	<input type="checkbox"/> Finished Basement
	<input checked="" type="checkbox"/> Unfinished Basement
	<input type="checkbox"/> Crawl Space
Construction type:	<input type="checkbox"/> Slab on Grade
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms: <b>1</b>
<input type="checkbox"/> Structural Steel	<b>Multi-family Dwelling</b>
<input type="checkbox"/> Masonry	No. of efficiency units:
<input checked="" type="checkbox"/> Wood Frame	No. of 1 BR units:
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:
	No. of 3 BR units:
	Other Structure:
	Dimensions:
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular
	<input type="checkbox"/> Manufactured Home

Utilities	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Heating System	
<input checked="" type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Grading Permit Number:	
Building Shell Permit Number:	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: **John Graham**  
Print Name: **John Graham**  
Email Address: **black3502@hotmail.com**  
Date: **10/01/19**  
Title/Company: **home owner**

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

\*\*PLEASE WRITE NEATLY & LEGIBLY\*\*

FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<b>12/16/19</b>	<b>A. Osborn</b>

Is Sediment Control approval required for issuance? ☐ Yes ☐ No  
☐ CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$ <b>25.00</b>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	# <b>6082</b>

Distribution of Copies: White: Building Officials

Green: PSZA,Zoning

Yellow: PSZA,Engineering

Pink: Health

Gold: SHA

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

October 31, 2019

Amy Graham  
13440 TRIADELPHIA MILL ROAD  
CLARKSVILLE, MD 21029

**RE: Water Sample Results**  
**13440 TRIADELPHIA MILL ROAD**

*Task -  
It does not look like  
Turbidity or Sand were  
tested. Want me to  
Schedule another appointment.*

Dear Ms. Graham,

We have received the results from the testing of the water sample(s) taken from the above referenced property on October 17, 2019. A description of the results and the established standards for each test is included below. Standards such as maximum contaminant levels (MCL), secondary maximum contaminant levels (SMCL), and drinking water equivalency levels (DWEL) are established by the EPA and other agencies to provide a reference for determining when action should be taken. These standards help to improve the overall quality of your water or ensure that steps are taken to treat the water to prevent you and your family from getting sick. Typically, no water is completely free of contamination but you should be concerned if the level of contamination for a particular test exceeds the standard.

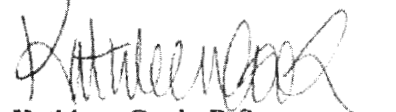
*Monna*

The results from the **Bacteria** testing found that your well water sampled from the powder room faucet contains no bacteria at this time and is considered safe for all uses. According to drinking water standards there should be no bacteria present.

A sample was collected to determine the **Nitrate** level in your water supply. The nitrate level was 7.58 parts per million. The MCL for nitrate is 10.0 parts per million.

Please contact the Health Department at (410) 313-1773 between 8:30 a.m. and 4:30 p.m., Monday through Friday if you have any questions regarding these test results.

Sincerely,



Kathleen Cook, R.S.  
Community Hygiene Program

Enclosures

BUCKHARDT ENGINEERING, LLC

1298 Bay Dale Drive, Suite 210  
Arnold, Maryland, 21012  
(410) 960-7334  
john.scott0289@gmail.com

Howard County Health Department  
Bureau of Environmental Health  
8930 Stanford Blvd.  
Columbia, MD 21045

Attn: Hank Oswald, L.E.H.S.  
Well and Septic Program

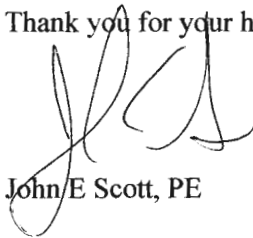
Re: 13440 Triadelphia Mill Road  
Clarksville, MD

Dear Mr. Oswald,

I am forwarding to you 4 sets of revised plans that incorporate your November 1, 2019 comments.

- 1.) Confirm SHC Location at house. Location revised.
- 2.) Show actual Width and Length of existing trenched on plan. Done
- 3.) Show 2 Future replacement systems on Plan w/ Calculations. Plan revised accordingly.
- 4.) Change perc test hole #10 to a failed perc test hole. Add a legend symbol for this. Plan revised accordingly.
- 5.) Show proposed addition on plan meeting the 30-foot setback to the alternate well locations. Addition was added to plan and alternative well adjusted.
- 6.) Add a note: All future replacement systems must be installed at least 100-feet from existing well. Added to plan.

Thank you for your help.

 11/7/2019  
John E Scott, PE



## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Tuesday, November 12, 2019 1:41 PM  
**To:** johnscott0289@gmail.com; Scott Allen  
**Cc:** amydesai@gmail.com  
**Subject:** Perc Cert Plan vs. Site Plan  
**Attachments:** perc cert\_11.12.19.pdf; bp site plan.pdf

Hello All:

Was the property surveyed? The house location on the perc cert plan received 11/12/19 does not match the house location on the original building permit site plan. In addition, the shape of the proposed addition on the revised perc cert plan still isn't matching up with the BP site plan. Also, the addition on the perc cert plan doesn't show the steps/stoop along the BRL. Please see attachments.

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)



### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.



## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Wednesday, November 20, 2019 10:42 AM  
**To:** johnscott0289@gmail.com; Scott Allen  
**Cc:** amydesai@gmail.com; Williams, Jeffrey  
**Subject:** Perc Cert\_13440 Triadelphia Road  
**Attachments:** architects site plan.pdf; perc cert\_2019112010304498.pdf

Hi All:

Our office received the revised perc yesterday and I reviewed it this morning. Again, I compared the architects site plan with the engineer's plan, and I highlighted the differences (see attachments). Do we need to meet to discuss these differences? If so, I am available to meet today, tomorrow, Monday or Tuesday of next week before 2 p.m.

Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)



### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

---

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

**MEMORANDUM**

**TO: Buckhardt Eng. LLC**  
**1298 Bay Dale Drive**  
**Arnold, MD 21012**

**FROM: Hank Oswald, L.E.H.S.**  
**Well & Septic Program**

**RE: 13440 Triadelphia Mill Road**  
**Clarksville, MD**

**Date: November 1, 2019**

---

The percolation certification plan for **13440 Triadelphia Mill Road** has been reviewed with the following comments:

- 1.) Confirm SHC location at house (See attached As-built drawing).
- 2.) Show actual width and length of existing trenches on plan.
- 3.) Show 2 future placement systems on plan w/ calculations.
- 4.) Change perc test hole #10 to a failed perc test hole. Add legend a symbol for this.
- 5.) Show proposed addition on plan meeting the 30-foot setback to the alternate well location.
- 6.) Add a note: All future replacement systems must installed at least 100 feet from existing well.

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Friday, November 01, 2019 9:53 AM  
**To:** johnscott0289@gmail.com  
**Subject:** Perc Cert Plan\_13440 Triadelphia Mill Road  
**Attachments:** PERC CERT Memo\_Buckhardt Eng\_11.2019.pdf; As-Built.pdf

Hello Mr. Scott:

Thanks for taking my call this morning. Attached, please find comments to the perc cert plan for the Graham Property.

Respectfully,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)



### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

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

**MEMORANDUM**

**TO: Buckhardt Eng. LLC**  
**1298 Bay Dale Drive**  
**Arnold, MD 21012**

**FROM: Hank Oswald, L.E.H.S.**  
**Well & Septic Program**

**RE: 13440 Triadelphia Mill Road**  
**Clarksville, MD**

**Date: October 9, 2019**

The percolation certification plan for **13440 Triadelphia Mill Road** has been reviewed with the following comments:

- 1.) Change title block to read; Percolation Certification Plan
- 2.) Change note # 12 to match standard note. (See attachment: Perc and Plan Req. for Developed Lots)
- 3.) Change note # 13 to indicate a redesign of the SDA and for a 1100 sq. ft. living space addition to include a bedroom.
- 4.) Eliminate design criteria.
- 5.) Eliminate future systems.
- 6.) Eliminate any legend symbols not being used on plan.
- 7.) Maintain 10-foot setback between SDA and tennis court
- 8.) Maintain 10-foot setback between SDA and gas pipe line easement.
- 9.) Clarify gas pipe line easement by i.e. adding in arrows etc.
- 10.) Incorporate existing trenches into new SDA (Sewage Disposal Area).
- 11.) Change signature block to read, Approved for Private Water and Private Sewerage Systems.
- 12.) Add 2 alternate well sites with 100 foot well radius to plan.
- 13.) Maintain 5-foot setback between SDA and existing pavilion.
- 14.) Add note; the existing well tag # has been field located by NAME on DATE.
- 15.) Add note; the existing septic system components were field located by NAME on DATE.
- 16.) Correct label next to septic tank to 1500 gallon (not 1250).

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Wednesday, October 09, 2019 12:50 PM  
**To:** johnscott0289@gmail.com  
**Cc:** Scott Allen; amydesai@gmail.com  
**Subject:** Graham Property\_13440 Triadelphia Road  
**Attachments:** Percolation & Plan Requirements For Developed Lots.pdf; Well & Septic Setback Requirements.pdf; PERC CERT Memo\_Buckhardt Eng\_10.2019.pdf

Hello Mr. Scott:

I have been communicating with the architect, Scott Allen about the existing floor plans and the floor plan for the proposed addition. Based on the floor plans and follow-up questions/answers during our communication mostly via email today, the house plus new addition will consist of 5 bedrooms in total (4 BR's in the existing residence/1BR in the addition).

With that said, the existing system was constructed with a 1500-gallon septic tank and the trenches were deemed adequate for a 5-bedroom residence. With that stated, the existing system is good for 5 BR and may remain. However, due to its proximity to the existing well, it will be subject to the following requirements which must be noted on the revised **Percolation Certification Plan**.

- 1.) The well will be subject to potability testing to include Bacteria, Nitrate, Turbidity, pH and Sand.
- 2.) The septic tank will be subject to water tight testing. The septic contractor must call the Health Department for instructions prior to the test.

Please see attached memo for comments to the plan submitted for review on October 1, 2019.

Should you have any questions, please don't hesitate to ask. If you wish to schedule a meeting to discuss, please let me know.

Respectfully,

Hank

### Attachments

- A.) Perc Cert Plan Requirements
- B.) Well & Septic Setback Requirements
- C.) Memo

Hank Oswald  
Licensed Environmental Health Specialist  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)



BUCKHARDT ENGINEERING, LLC

1298 Bay Dale Drive, Suite 210  
Arnold, Maryland, 21012  
(410) 960-7334  
john.scott0289@gmail.com

Howard County Health Department  
Bureau of Environmental Health  
8930 Stanford Blvd.  
Columbia, MD 21045

Attn: Hank Oswald, L.E.H.S.  
Well and Septic Program

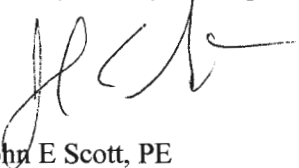
Re: 13440 Triadelphia Mill Road  
Clarksville, MD

Dear Mr. Oswald,

I am forwarding to you 4 sets of revised plans that incorporate your October 9, 2019 comments.

- 1.) Change title block to read: Percolation Certification Plan. The Title Block has been revised.
- 2.) Change note #12 to match standard note. Note #12 has been revised.
- 3.) Change note 13 to indicate a redesign of the SDA and for a 1100 sq. ft. living space addition to include a bedroom. Note #13 has been revised.
- 4.) Eliminate design criteria. Done
- 5.) Eliminate future systems. Done
- 6.) Eliminate any legend symbols not being used. Done
- 7.) Maintain 10-foot setback between SDA and tennis court.
- 8.) Maintain 10-foot setback between SDA and the gas pipeline easement. Done
- 9.) Clarify gas pipe easement by i.e. adding in arrows etc. Done
- 10.) Incorporate existing trenches into new SDA. Done
- 11.) Change signature block to read, Approve for Private Water and Private Sewerage Systems. Done
- 12.) Add 2 alternate well sites. Done
- 13.) Maintain 5-foot setback between SDA and existing Pavilion. Done
- 14.) Add note; the existing well tag # HO-73-4278 has been field located by name and date. Done
- 15.) Add note; the existing septic system components were field located by name and date. Done
- 16.) Correct label next to septic tank to 1500 gallons (not 1250). Done

Thank you for your help.



John E Scott, PE

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Friday, November 08, 2019 7:37 AM  
**To:** 'johnscott0289@gmail.com'  
**Cc:** 'Scott Allen'; 'amydesai@gmail.com'  
**Subject:** Graham Property\_Perc Cert Comments  
**Attachments:** proposed addition footprint.pdf; Your Plan\_11.7.19.pdf

Hi Mr. Scott:

Good morning. I looked over your perc cert plan this morning. The shape of the proposed addition on your plan submitted yesterday (11/7), does not match the proposed addition footprint on the building permit (BP) plan. Please see attached copy of the BP plan submitted with the building permit. In addition, the BP plan shows a drywell not meeting the setback of 100 feet from all well locations. All drywells must be located outside all well radiuses.

Please revise and submit showing correct proposed addition footprint and drywell(s) meeting required setback. The BP site plan will also need to be revised and submitted to the permit's office. As soon as I have at least 2 copies of the revised perc cert plan, I will submit for signature. Again, additional reviews by my supervisor and director will take at least 10 working days.

Thank you for your ongoing efforts. Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)



### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Tuesday, July 02, 2019 9:17 AM  
**To:** 'Scott Allen'  
**Cc:** 'amydesai@gmail.com'  
**Subject:** Perc Test\_13440 Triadelphia Mill Road  
**Attachments:** Perc Test Report\_13440 Triadelphia Mill Road.pdf; Septic Specs\_13440.pdf; Perc Test Field Notes\_13440.pdf; Building Permit Application Process.pdf; Percolation & Plan Requirements For Developed Lots.pdf

Hi Scott:

Good morning. Attached, please find perc test results (report, field notes and septic specs) for 13440 Triadelphia Mill Road. I've also included a copy of our building permit review process along with information about perc cert plan requirements for developed lots. Should you have any questions, please don't hesitate to ask.

Thanks,

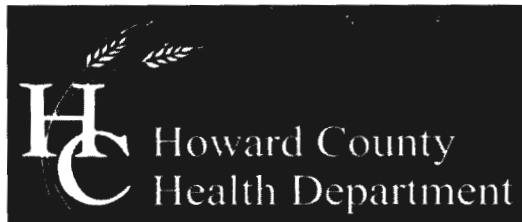
Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)

### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.





## 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](http://www.hchealth.org)

Facebook: [www.facebook.com/hocohealth](https://www.facebook.com/hocohealth)

Twitter: HowardCoHealthDep

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

---

July 2, 2019

To: John Graham & Amy Desai (Homeowner); Scott Allen (Architect)

Percolation Test Report; 13440 Triadelphia Mill Road, Clarksville, MD 21029

Percolation tests were conducted at 13440 Triadelphia Mill Road, Clarksville, MD 21029 on July 1, 2019. Tests and profile descriptions were documented for 11 locations. All but test hole 10 passed. Test hole 5 was relocated due to existing trench in the area, and test holes 7 & 10 were over the pipeline easement stakes. Test holes 5, 7, and 10 will need to be field located and shown accurately on the perc cert plan. Due to water in the lower holes, it would be prudent to stay above the elevation-550 mark and if possible stopping at hole # 8. If you're not able to achieve 10,000 sq. ft. then you may include test holes 7 & 11 in the proposed sewage disposal area (SDA).

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. Areas that may be included in the septic reserve area are represented by test locations having satisfactory soil condition. The area must be at least 10,000 square feet and large enough to accommodate 3 systems (including the existing system) for the planned residence (5 bedrooms pending floor plans).

The next step in the process is to have an engineer submit a percolation certification plan to confirm the design of the septic reserve area.

Should you have any questions regarding this evaluation, please contact me. I may be reached at (410) 313-1786 or by email [hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)

Respectfully,

*Hank Oswald*

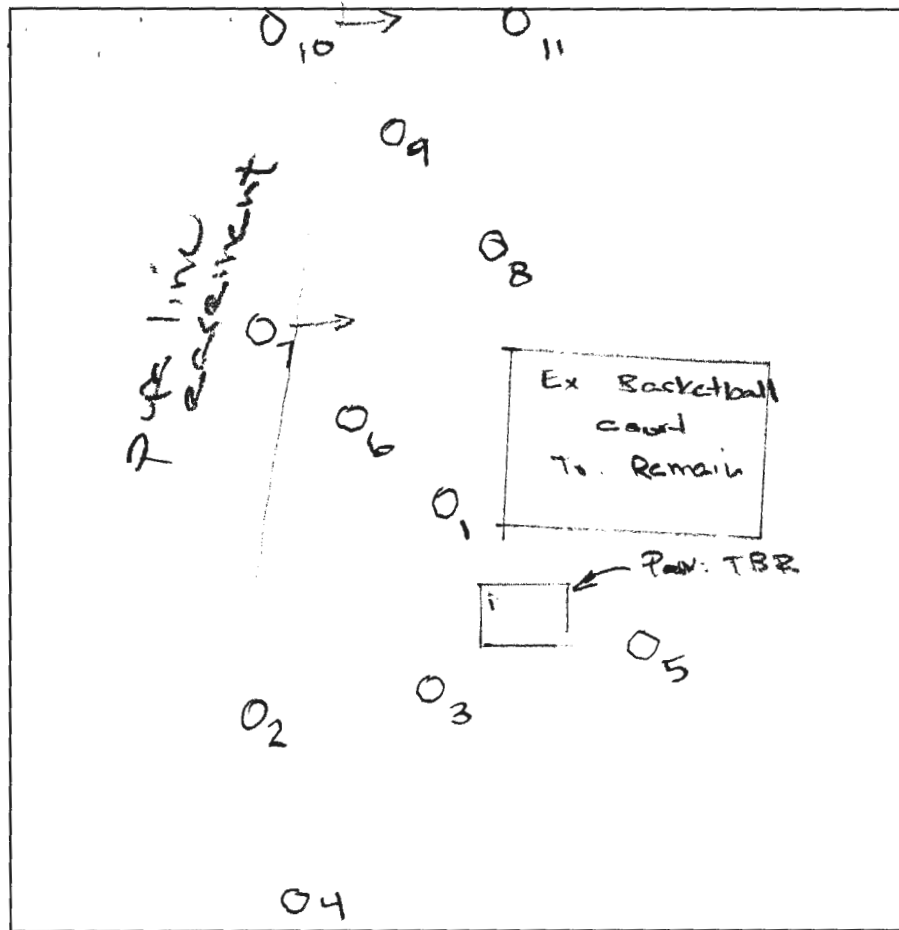
Hank Oswald, L.E.H.S  
Bureau of Environmental Health  
Well & Septic Program

Attachment: Percolation Test Field Notes  
Septic Specs

AP 565505

NOT to scale

7 ft  
0.6' brl  
ydl br  
scl  
3' red br  
sl  
w/mica  
10' water  
seepage  
12'



10  
0.7' brl  
ydl br  
scl  
very wet  
5' water  
seepage / cave in  
micaceous  
12' ↓

8  
0.7' brl  
ydl br  
scl  
3 to 3.5' yel red  
sl  
9' water  
seepage / cave  
in  
12'

11  
0.12' brl  
ydl br  
scl  
3' roots  
9' water  
seepage  
12' ↓

9  
brl  
ydl br  
scl  
3' br  
sl  
7' water  
seepage  
w mica  
12.5'

13440 Triadelphia mill Road

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/1/19	7	4.5/12'	9:33	9:36	9:41	5	
7/1/19	8	4'/12'	9:41	9:44	9:48	4	
7/1/19	9	4'/12.5'	9:50	9:58	10:07	9	
7/1/19	10	4'/12'	10:03	too long	—	—	F
7/1/19	11	4'/12'	10:29	10:30	10:33	3	1

REMARKS # 7 & 10 moved out of pipeline easement

SANITARIAN Hank Oswald BACKHOE Fogles OTHERS owner

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

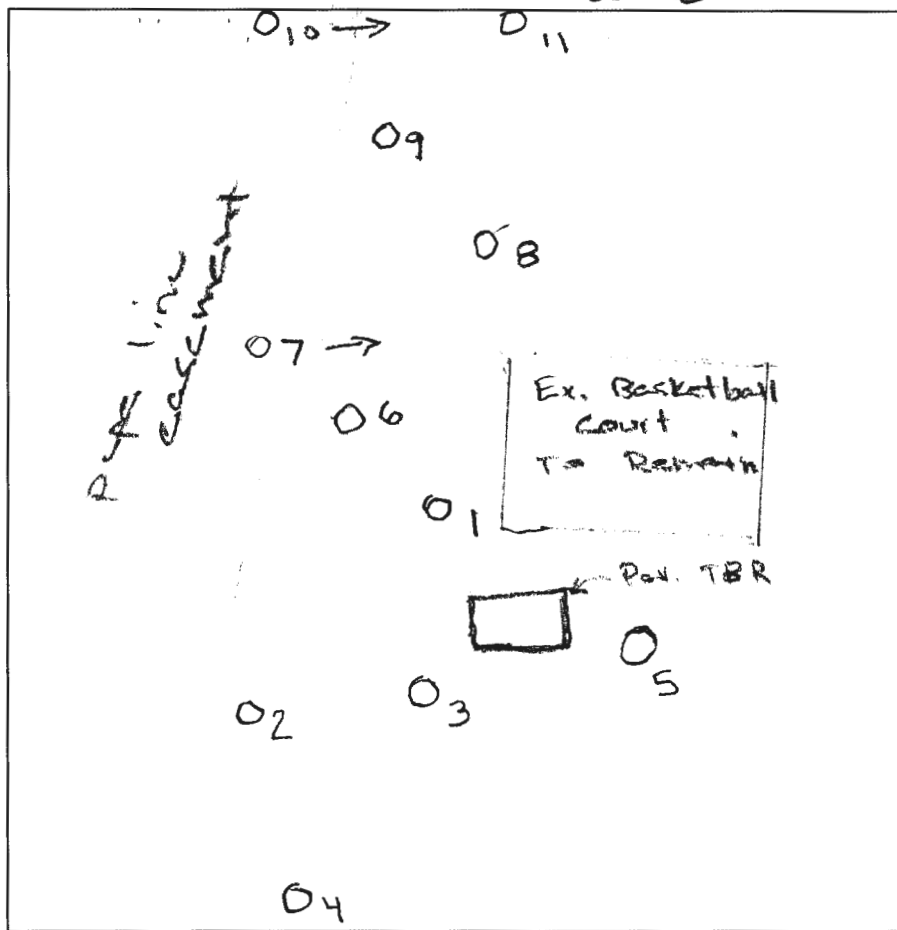
AP 565505

Not To Scale

1  
0.09' - brl  
yell-br  
scl  
4' - yell. red  
sl  
8' - yell. tan  
sl  
micaceous  
12'

2  
0.10' - brl  
yell. br  
scl  
3' - red br  
sl  
rocks & mica  
12'

3  
0.7' - brl  
yell. red  
scl  
2.8' - yell. br  
sl  
w/ mica  
PI  
12'



4  
0.5' - brl  
yell br  
scl  
3' - red br  
sl  
many mica  
12'

5  
0.6' - brl  
yell br  
scl  
3.5' - red br  
sl  
many mica  
13'

6  
brl  
yell br  
scl  
3' - red br  
sl  
w/ mica  
12' - water  
seepage

13440 Triadelphia mill Road

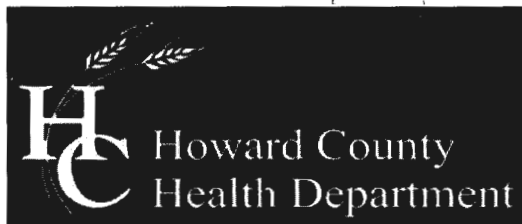
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
7/1/19	1	4.9/12'	9:07	9:08	9:11	3	P
7/1/19	2	4.3/12'	8:41	8:43	8:48	5	P
7/1/19	3	4.7/12'	8:28	—	8:32	2	P
7/1/19	4	4.5/12'	8:20	8:22	8:25	3	P
7/1/19	5	5'/13'	8:59	9:01	9:03	2	P
7/1/19	6	4'/12.2	9:17	9:18	9:21	3	P

REMARKS # 7 & 10 moved out of pipeline easement

SANITARIAN Hank Osunk BACKHOE Fogler OTHERS owner

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

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



## 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

### SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 13440 Triadelphia mill Road

Subdivision: Fenton Estates Lot: 2

Initial system: Application rate: 1.2 Effective area beginning depth: 3.5 Bottom maximum depth: 8 (1-5)

1<sup>st</sup> Replacement: Application rate: 1.2 Effective area beginning depth: 4 Bottom maximum depth: 7 (126)

2<sup>nd</sup> Replacement: Application rate: 0.8 Effective area beginning depth: 4 Bottom maximum depth: 4 (7, 8, 11)

Design Flow = 150 gallons per day per bedroom

Design flow ÷ application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

$$\frac{W + 2}{W + 1 + 2D} \times 100 = \text{Percent of length of standard trench where } W = \text{trench width and } D = \text{depth between effective area beginning depth and trench bottom.}$$

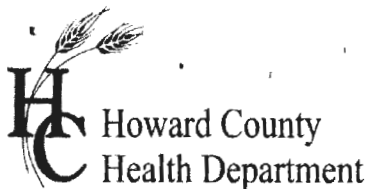
Standard design requirements:

- All trenches must be equal length unless low pressure dosed
- All trenches must be on contour
- Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is  $2D + W$  up to a maximum spacing of 18'.
- Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
- Maximum trench length is 100'
- Maximum pipe depth is 4'

Additional requirements:

*+ keep replacement systems up as high as possible.*

Approved: Hank Oswald Date: 7/2/19



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_

O/P 55505

AGENCY REVIEW: \_\_\_\_\_

DATE 5-24-19

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 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) JOHN GRAHAM & AMY DESAI

DAYTIME PHONE 443.799.1270 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 13440 TRIADELPHIA MILL RD CLARKSVILLE MD 21029  
STREET CITY/TOWN STATE ZIP

APPLICANT SCOTT H. ALLEN, AIA

DAYTIME PHONE \_\_\_\_\_ CELL 443.838.1648 FAX \_\_\_\_\_

MAILING ADDRESS 4300 SCOTH MEADOW CT. OLNEY MD 20832  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME FENTON ESTATES LOT NO. 2

PROPERTY ADDRESS 13440 TRIADELPHIA MILL RD CLARKSVILLE  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 34 GRID 3 PARCEL(S) 385 PROPOSED LOT SIZE 3.44 AC<sup>±</sup>

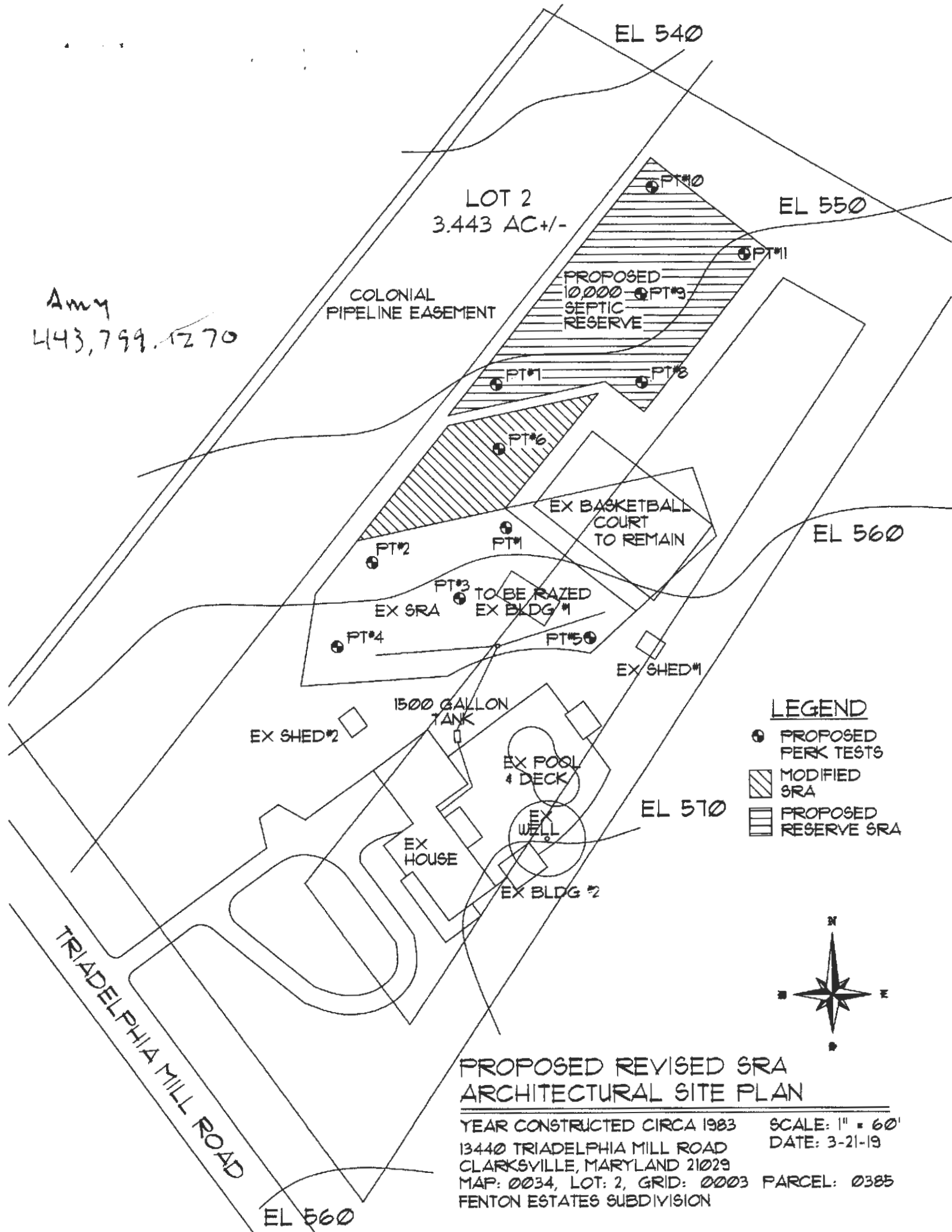
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A.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

Amy  
443,799.1270



Stay above  
Elev. 550 &  
possibly stopping  
@ hole #8  
due to water  
in lower holes

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Monday, March 04, 2019 8:54 AM  
**To:** 'Scott Allen'  
**Subject:** RE: 13440 Triadelphia Mill Road\_Lot 2\_1100 sq. ft. addition to include an extra bedroom  
**Attachments:** GIS 1982 image seems to shows the 4 test holes.docx; 1982 Aerial Image.docx

Hi Scott:

The 1982 aerial image from GIS seems to show 4 perc test holes (white dots) which seem to overlap with the house location. Please see attachments.

Hank

---

**From:** Scott Allen <sallenarchitect@gmail.com>  
**Sent:** Monday, March 04, 2019 7:28 AM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Subject:** Re: 13440 Triadelphia Mill Road\_Lot 2\_1100 sq. ft. addition to include an extra bedroom

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

Thank you

Sent from my iPhone

On Mar 4, 2019, at 7:18 AM, Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Hi Scott:

Sure. Thursday at 1145?

Hank

---

**From:** Scott Allen <[sallenarchitect@gmail.com](mailto:sallenarchitect@gmail.com)>  
**Sent:** Friday, March 01, 2019 3:33 PM  
**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Subject:** Re: 13440 Triadelphia Mill Road\_Lot 2\_1100 sq. ft. addition to include an extra bedroom

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

Hank,



My Tuesday is booked all day and I have a 10am meeting that Thursday - if I tried to stop by just before noon on Thursday March 7th - does that work?

Scott H. Allen, AIA  
443-838-1648

On Fri, Mar 1, 2019 at 2:51 PM Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Hi Allen:

-

Why don't we plan on meeting next Tuesday or Thursday morning. Bring in your plan and we can review it together.

-

Thanks,

-

Hank

---

**From:** Scott Allen <[sallenarchitect@gmail.com](mailto:sallenarchitect@gmail.com)>

**Sent:** Friday, March 01, 2019 1:56 PM

**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>

**Subject:** Re: 13440 Triadelphia Mill Road Lot 2 1100 sq. ft. addition to include an extra bedroom

-

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

-

Thank you

Sent from my iPhone

On Mar 1, 2019, at 1:54 PM, Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Hello Scott:

-

Attached, please find a copy of the record for 13440 Triadelphia Mill road. As soon as I speak to my supervisor, I will follow-up with you.

-  
Regards,

-  
Hank

---

From: Oswald, Hank

Sent: Tuesday, February 19, 2019 12:07 PM

To: Williams, Jeffrey <jewilliams@howardcountymd.gov>

Subject: 13440 Triadelphia Mill Road Lot 2 1100 sq. ft. addition to include an extra bedroom

-  
Hi Jeff:

-  
I could use your input on this one. The owners are looking to add 1100 square foot addition with a bedroom. There is a signed plat (See attached). Is there enough data in the record or do we need to conduct additional perc test leading to a Perc Cert and OSDS Plan?

-  
Thanks,

-  
Hank

-  
Hank Oswald

Licensed Environmental Health Specialist

Howard County Health Department

Bureau of Environmental Health

Well & Septic Program

8930 Stanford Boulevard

Columbia, MD 21045

410.313.1786 (Office)

hoswald@howardcountymd.gov

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

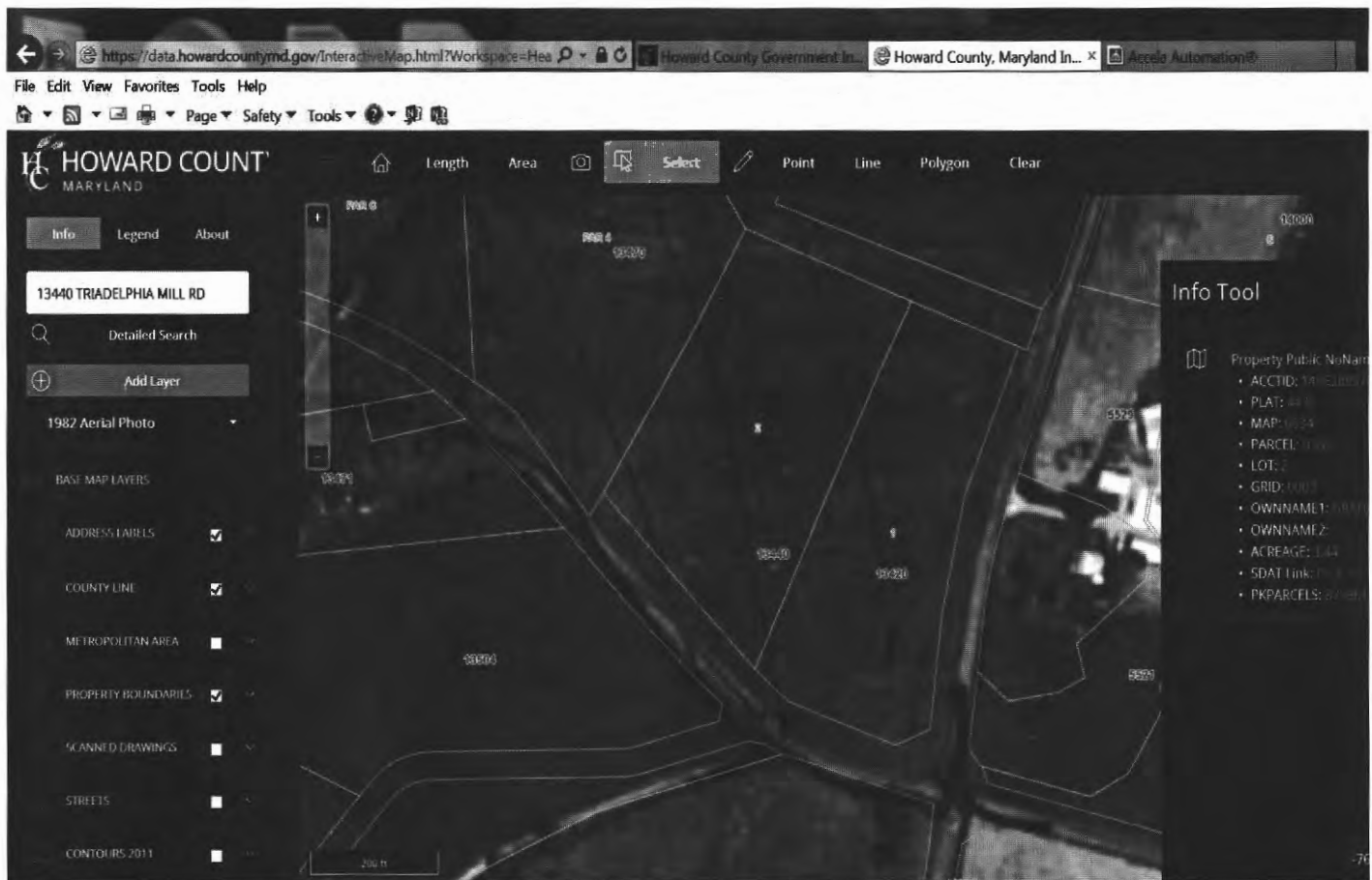
<A32384 05-388570 13440 TRIADELPHIA MILL.pdf>

<Fenton.estates.pdf>

=

**Scott H. Allen, AIA, NCARB**  
**Allen & DeLalio Architects**

**4300 Scotch Meadow Ct.**  
**Olney, MD 20832**  
**O: 301.854.3232 C: 443.838.1648**  
**sallenarchitect@gmail.com**  
**allendelalloarchitects.com**





## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Monday, June 10, 2019 7:29 AM  
**To:** John Hieatzman  
**Cc:** Scott Allen  
**Subject:** RE: 13440 Triadelphia Mill Rd - Perc to Schedule

Hi John:

Good morning. Monday, July 1 is confirmed. Let's plan to start at 8 a.m. The perc test location will need to be properly field located and staked/# before the test date. Miss Utility will also need to be notified in advance.

Thanks,

Hank

**From:** John Hieatzman <[john@foglesinc.com](mailto:john@foglesinc.com)>  
**Sent:** Friday, June 07, 2019 11:29 AM  
**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Subject:** RE: 13440 Triadelphia Mill Rd - Perc to Schedule

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

Hi Hank,

Let's got with Monday 7/1.

Thanks,

John Hieatzman  
Fogle's Septic Clean, Inc.  
410-795-5670

**From:** Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]  
**Sent:** Thursday, June 06, 2019 11:55 AM  
**To:** John Hieatzman <[john@foglesinc.com](mailto:john@foglesinc.com)>  
**Cc:** Scott Allen <[sallenarchitect@gmail.com](mailto:sallenarchitect@gmail.com)>  
**Subject:** RE: 13440 Triadelphia Mill Rd - Perc to Schedule

Hi John:

I am available July 1<sup>st</sup> or 3<sup>rd</sup> starting at 800 a.m.

Thanks,

Hank

**From:** John Heatzman <[john@foglesinc.com](mailto:john@foglesinc.com)>  
**Sent:** Thursday, June 06, 2019 9:36 AM  
**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Subject:** 13440 Triadelphia Mill Rd - Perc to Schedule

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

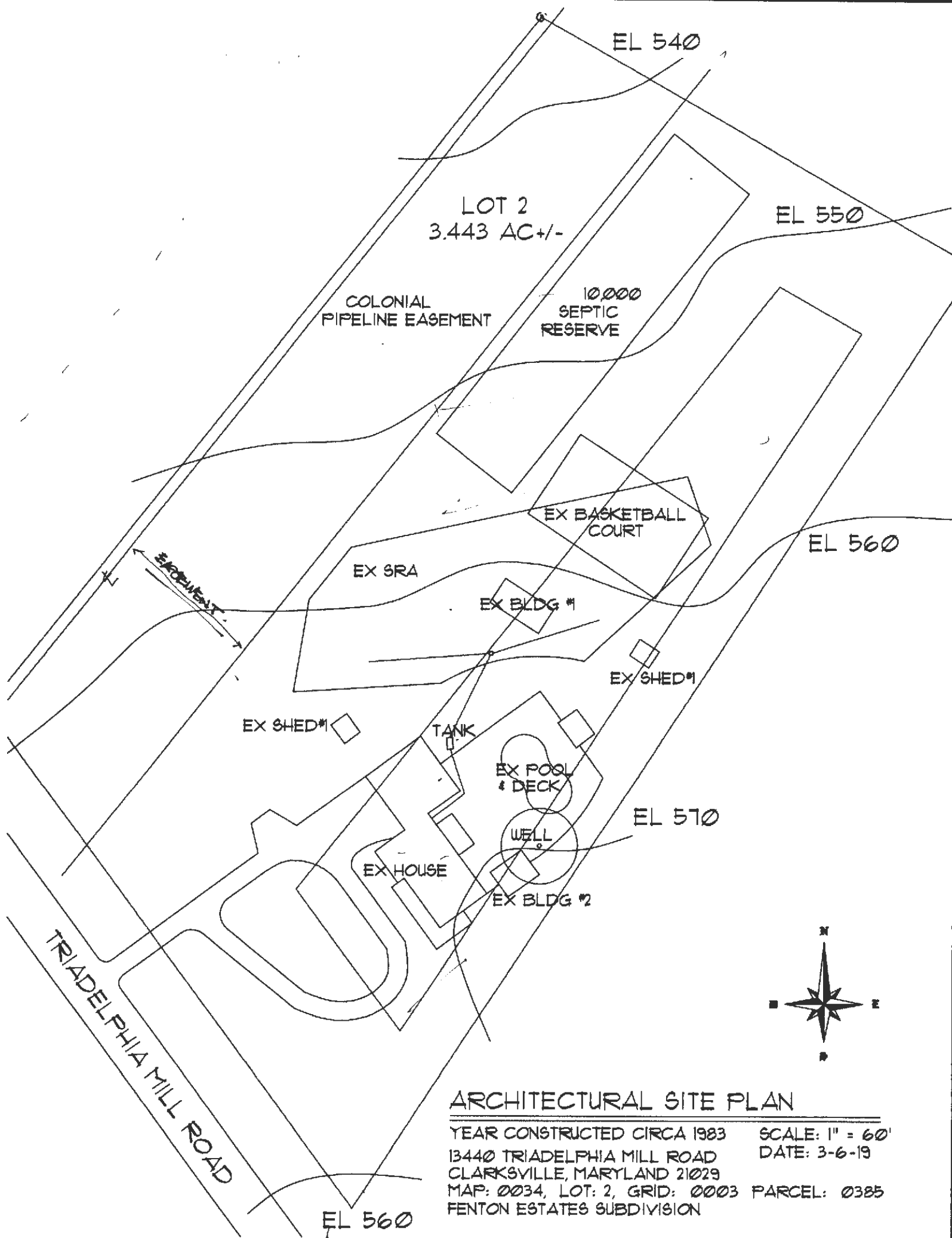
Hi Hank,

Can we schedule for a day the first week in July?

Thanks,

John Heatzman  
Fogle's Septic Clean, Inc.  
580 Obrecht Rd  
Sykesville, MD 21784  
410-795-5670





## ARCHITECTURAL SITE PLAN

YEAR CONSTRUCTED CIRCA 1983

SCALE: 1" = 60'

13440 TRIADDELPHIA MILL ROAD

DATE: 3-6-19

CLARKSVILLE, MARYLAND 21029

MAP: 0034, LOT: 2, GRID: 0003 PARCEL: 0385

FENTON ESTATES SUBDIVISION



## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Tuesday, March 12, 2019 2:04 PM  
**To:** Scott Allen  
**Subject:** RE: 13440 Triadelphia Mill Road - Revised SRA Plan 3-12-19

Hi Scott:

I adjusted a couple of test hole locations and added two more at the top. Add two additional alternate/replacement well sites to plan. Once you've made the revisions, submit the plan to scale along with the application and fee. I will review it and send out some possible test dates.

Thanks,

Hank

**From:** Scott Allen <sallenarchitect@gmail.com>  
**Sent:** Tuesday, March 12, 2019 6:29 AM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Subject:** 13440 Triadelphia Mill Road - Revised SRA Plan 3-12-19

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

Hank,

I wanted to show you the proposed revised SRA plan for this lot prior to getting started with the perk test and such

- We're going to have the clients remove the existing building in the middle of the existing SRA
- They are going to keep the existing basketball court and we're proposing a revised SRA where we're adding an expanded new SRA of approximately the same square footage of SRA that was under the basketball court - roughly 4,000 sq ft
- We're now showing a new 10,000 new reserve SRA
- We're showing 5 perk tests in the existing SRA field
- We're showing 4 additional or new perk test in the expanded - replacement or new SRA

Does this work

—  
Scott H. Allen, AIA, NCARB  
Allen & DeLalio *Architects*

4300 Scotch Meadow Ct.  
Olney, MD 20832  
O: 301.854.3232 C: 443.838.1648  
sallenarchitect@gmail.com  
allendelalloarchitects.com

## **Oswald, Hank**

---

**From:** Oswald, Hank  
**Sent:** Tuesday, April 09, 2019 7:45 AM  
**To:** 'Scott Allen'  
**Subject:** RE: 13440 Triadelphia Mill Road

Hi Scott:

The proposed test holes must be field located by a licensed surveyor and plotted accurately on the final perc cert plan. Please make sure that Ms. Utility is notified in advance to the agreed upon date and choose a seasoned septic contractor with a backhoe capable of digging holes to 12 feet.

Thanks,

Hank

**From:** Scott Allen <sallenarchitect@gmail.com>  
**Sent:** Tuesday, April 09, 2019 4:58 AM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Subject:** 13440 Triadelphia Mill Road

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

Hank,

We're getting ready to submit our permit application for perk tests on this property - question

We have the site plan and you've marked the locations on the plan for the test pits

Do you require a surveyor to go out and mark the areas - or is it something that between you and the septic company making the holes you can "eye ball" the locations based on the plan etc ...

Just wanted to know the next steps and if we should hire survey company

Thanks

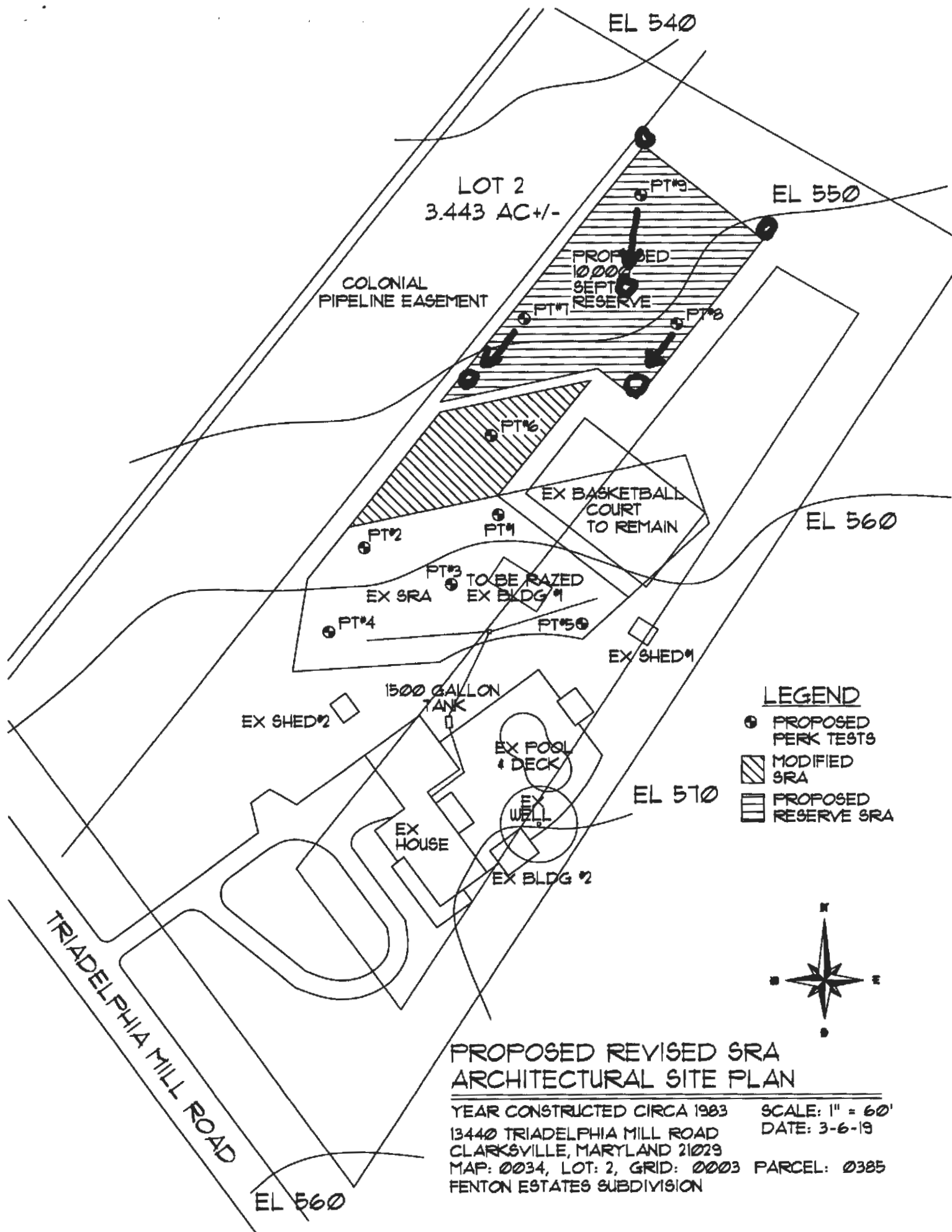
--  
Scott H. Allen, AIA, NCARB  
Allen & DeLalio *Architects*

4300 Scotch Meadow Ct.  
Olney, MD 20832

O: 301.854.3232 C: 443.838.1648

sallenarchitect@gmail.com

allendelalloarchitects.com



## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Wednesday, June 05, 2019 9:52 AM  
**To:** Scott Allen  
**Subject:** RE: Perc Test Date\_13440 Triadelphia Mill Road

Hi Scott:

I am in receipt of the perc test plan and application dated 5.24.19 and I would like to schedule the perc test date. I am available as early as next week; June 11, 12, or 13 starting at 8:30 a.m. Please confirm a day or reply with some alternate dates. As previously mentioned, the proposed test holes must be field located and staked by a licensed surveyor. Please make sure that Ms. Utility is notified in advance to the agreed upon date and choose a seasoned septic contractor with a backhoe capable of digging holes to 12 feet.

Should you have any questions, please don't hesitate to ask.

Thanks,

Hank

---

**From:** Scott Allen <sallenarchitect@gmail.com>  
**Sent:** Tuesday, April 09, 2019 8:33 AM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Subject:** Re: 13440 Triadelphia Mill Road

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

Thx

Sent from my iPhone

On Apr 9, 2019, at 7:45 AM, Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Hi Scott:

The proposed test holes must be field located by a licensed surveyor and plotted accurately on the final perc cert plan. Please make sure that Ms. Utility is notified in advance to the agreed upon date and choose a seasoned septic contractor with a backhoe capable of digging holes to 12 feet.

Thanks,

Hank

---

**From:** Scott Allen <[sallenarchitect@gmail.com](mailto:sallenarchitect@gmail.com)>  
**Sent:** Tuesday, April 09, 2019 4:58 AM  
**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Subject:** 13440 Triadelphia Mill Road

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

Hank,

We're getting ready to submit our permit application for perk tests on this property - question

We have the site plan and you've marked the locations on the plan for the test pits

Do you require a surveyor to go out and mark the areas - or is it something that between you and the septic company making the holes you can "eye ball" the locations based on the plan etc ...

Just wanted to know the next steps and if we should hire survey company

Thanks

--

Scott H. Allen, AIA, NCARB  
*Allen & DeLalio Architects*

4300 Scotch Meadow Ct.  
Olney, MD 20832  
O: 301.854.3232 C: 443.838.1648  
sallenarchitect@gmail.com  
allendelalloarchitects.com

## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Thursday, June 06, 2019 11:55 AM  
**To:** John Hieatzman  
**Cc:** Scott Allen  
**Subject:** RE: 13440 Triadelphia Mill Rd - Perc to Schedule

Hi John:

I am available July 1<sup>st</sup> or 3<sup>rd</sup> starting at 800 a.m.

Thanks,

Hank

---

**From:** John Hieatzman <john@foglesinc.com>  
**Sent:** Thursday, June 06, 2019 9:36 AM  
**To:** Oswald, Hank <hoswald@howardcountymd.gov>  
**Subject:** 13440 Triadelphia Mill Rd - Perc to Schedule

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

Hi Hank,

Can we schedule for a day the first week in July?

Thanks,

John Hieatzman  
Fogle's Septic Clean, Inc.  
580 Obrecht Rd  
Sykesville, MD 21784  
410-795-5670





## Oswald, Hank

---

**From:** Oswald, Hank  
**Sent:** Thursday, March 07, 2019 1:41 PM  
**To:** 'Scott Allen'  
**Subject:** Perc Test Plan\_13440 Triadelphia Road\_ Addition  
**Attachments:** Building Permit Application Process.pdf; Percolation Test Application.pdf; Percolation & Plan Requirements For Developed Lots.pdf; Section 3.801 Bedroom Definition.pdf; Well & Septic Setback Requirements.pdf

Hi Scott:

Good afternoon. I met with my supervisor. The existing septic tank and trenches are good for 5 bedrooms. If you keep it 5, then no upgrades to the existing system are necessary unless the well tests positive for bacteria due to its proximity to the existing system. Once you submit the existing the floor plan and proposed changes, I will be able to confirm final bedroom count.

As far as the perc test plan is concerned, lets plan on working around the existing basketball court with a 10 foot setback but relocate the shed. Show an area around the existing system and maintain 10 sq. ft. The soils are not wet season soils so we may test anytime.

To get the perc test process started, please submit the perc test application and fee (\$506) along with 2 copies of the test plan. Let me know if you have any more questions.

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)

### CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

13440 TRIADELPHIA MILL RD

Detailed Search

Add Layer

Howard County Base Map

BASE MAP LAYERS

HEALTH/SPECIAL LAYERS

WELLS FEBRUARY 2019

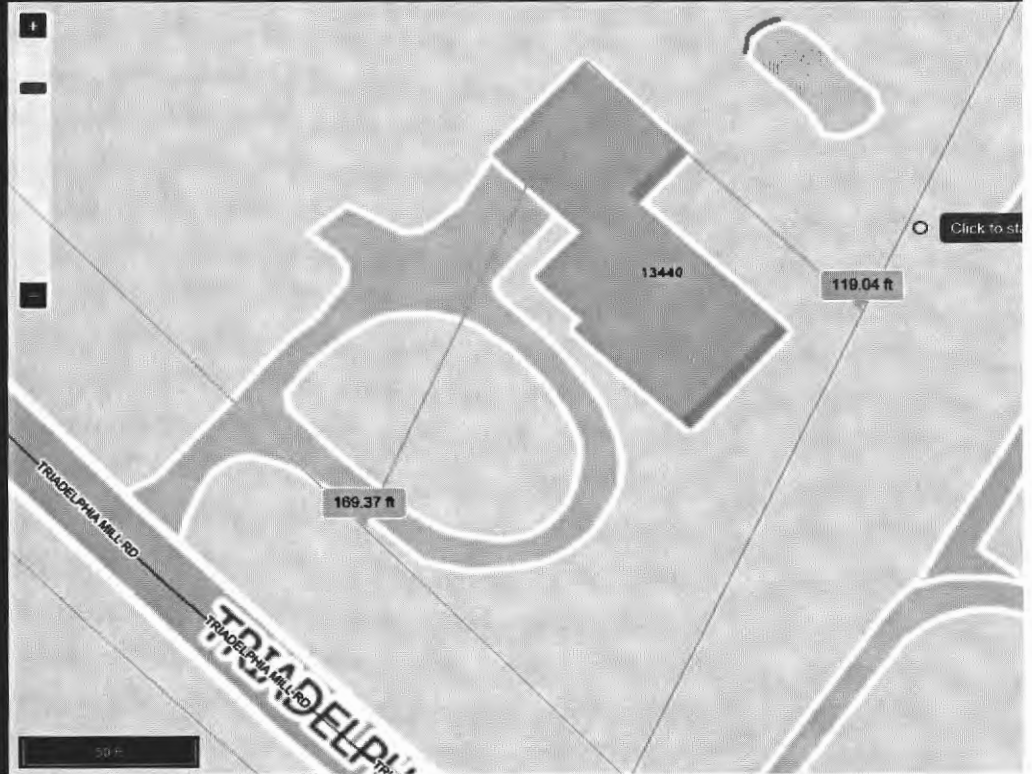
WELL/SEPTIC FILES


UTILITY LAYERS

GEOGRAPHY


PLANNING

ADDED LAYERS






### Info Tool



Property Public NoName

- ACCTID: 1405388570
- PLAT: 4435
- MAP: 0034
- PARCEL: 0385
- LOT: 2
- GRID: 0003
- OWNNAME1: GRAHAM JOHNS
- OWNNAME2:
- ACREAGE: 3.44
- SDAT Link: Click for Property Info  
(<https://sdat.dat.maryland.gov/RealProp>  
County=14&SearchType=ACCT&District=
- PKPARCELS: 875961



Scanned Drawings Public

- Name: 4435-p01
- Folder: Plats\_By\_Number
- Description: Fenton Estates - Lots 1 & 2
- PDF: Click For Drawing  
(<http://data.howardcountymd.gov/scann>

13440 TRIADELPHIA MILL RD

## Info Tool



## Property Public NoName

- ACCTID: 1405388570
- PLAT: 4435
- MAP: 0034
- PARCEL: 0385
- LOT: 2
- GRID: 0003
- OWNNAME1: GRAHAM JOHN S
- OWNNAME2:
- ACREAGE: 3.44
- SDAT Link: Click for Property Info  
(<https://sdat.dat.maryland.gov/RealProp>  
County=14&SearchType=ACCT&District=
- PKPARCELS: 875961



## Scanned Drawings Public

- Name: 4435-p01
- Folder: Plats\_By\_Number
- Description: Fenton Estates - Lots 1 & 2
- PDF: Click For Drawing  
(<http://data.howardcountymd.gov/scann>

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 32384

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 478 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

4 BDRM HOUSE

DISTRICT \_\_\_\_\_

DATE 12/23/82

TRENCHES 158 SQ FT/BDRM - 632 TOTAL SQ FT ABSORBENT AREA

TRENCH 2 FT WIDE - 9 FT DEEP

INLET 3 1/2 FT BELOW ORIGINAL GRADE

EFFECTIVE 3 1/2 FT BELOW ORIGINAL GRADE

5 1/2 FT STONE BELOW DISTRIBUTION PIPE

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

PLACE DISTRIBUTION BOX 235 FT  
FROM FRONT LOT LINE AND 100 FT FROM  
RIGHT LOT LINE AS SEEN WHEN FACING  
PROPERTY FROM TRIADDELPHIA MILL RD,  
RUN TWO 60' TRENCHES 2 1/2 FT DEEP ALONG LEVEL  
GROUND; ONE ON EACH SIDE OF DISTRIBUTION BOX.

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM. 12-28-82 CWL/Cham

PROPERTY OWNER David & Elizabeth Lee

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Fenton Estates LOT NO. 2

ROAD AND DESCRIPTION 18440 Triadelphia Mill near Highland Rd.

SIZE OF LOT 3.44 acres TYPE BLDG. (4 BDR, 6 P, 51954)  
(NUMBER OF BEDROOMS)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE  
FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY  
WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY CWL/Cham FOR TRENCHES DATE 12-28-82

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. PERMIT SIGNED

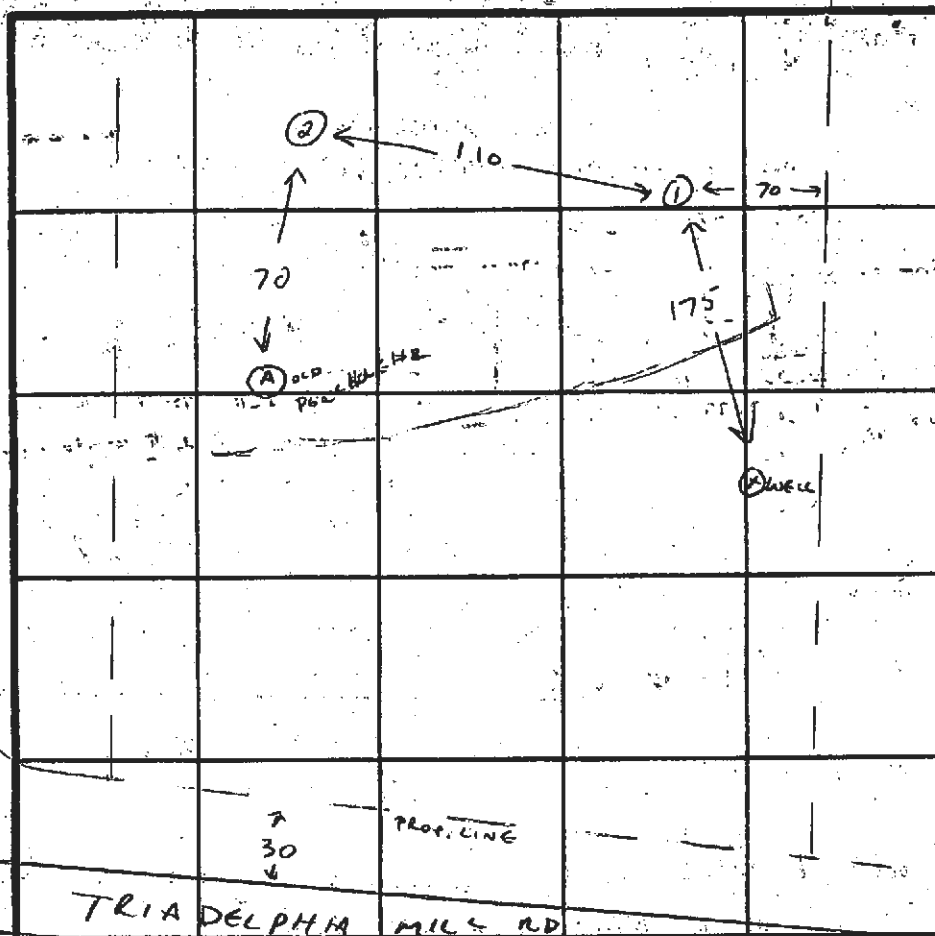
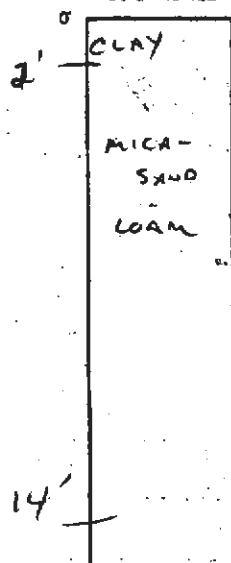
AND RETURNED 12/28/82

Serial # 57954

# THIS IS NOT A PERMIT

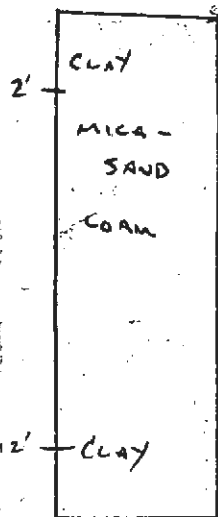
#1

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

#2



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-28-82	1	14'	VISUAL	MICA-SAND LOAM			
12-28-82	2	12'	VISUAL	MICA-SAND LOAM			
			CHANGING TO CLAY AT 12'				

REMARKS ESTABLISHED SUFFICIENT AREA TO ENTIRE SYSTEM DOWNHILL FROM ORIGINAL PERE AREA OF 7-12-79

TYPE OF SOIL MICA-SAND LOAM

TESTED BY C. Williams

ALSO PRESENT DON PARLETTE

EH-12-1079

<b>C1</b> 3274 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	SEQUENCE NO. <small>(OEP USE ONLY)</small>	<b>STATE OF MARYLAND</b> <b>WELL COMPLETION REPORT</b> FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER <b>A 29853</b>
Date Received <small>(OEP use only)</small>	DATE WELL COMPLETED <div style="border: 1px solid black; padding: 2px; display: inline-block;">100582</div>	Depth of Well <div style="border: 1px solid black; padding: 2px; display: inline-block;">250</div> <small>(TO NEAREST FOOT)</small>	PERMIT NO. FROM "PERMIT TO DRILL WELL" <div style="border: 1px solid black; padding: 2px; display: inline-block;">40-73-4278</div>

OWNER Lee David  
last name first name  
 STREET OR RFD Triadelphia Mill Rd. TOWN Dayton  
 SUBDIVISION Fenton Estate SECTION        LOT 2

<small>Not required for driven wells</small> STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		
DESCRIPTION (Use additional sheets if needed)	FEET	Check if water bearing
FROM	TO	
OVERBURDEN	0	9
BROWN SHALE	9	98
GREY ROCK	98	250 X
WELL #1 100' DEEP DRY (BACKFILLED)		

WELL HAS BEEN GROUTED <small>(Circle Appropriate Box)</small> TYPE OF GROUTING MATERIAL CEMENT <input checked="" type="checkbox"/> BENTONITE CLAY <input type="checkbox"/> NO. OF BAGS <u>8</u> NO. OF POUNDS <u>800</u> GALLONS OF WATER <u>18</u> DEPTH OF GROUT SEAL (to nearest foot) from <u>0</u> ft. to <u>100</u> ft. <small>(enter 0 if from surface)</small>	
casing types insert appropriate code below <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 10px auto; display: flex; align-items: center; justify-content: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">EACH CASING</div> </div>	Casing RECORD <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input checked="" type="checkbox"/> ST              STEEL           </div> <div style="text-align: center;"> <input type="checkbox"/> CO              CONCRETE           </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> PL              PLASTIC           </div> <div style="text-align: center;"> <input type="checkbox"/> OT              OTHER           </div> </div>
MAIN CASING TYPE <div style="border: 1px solid black; padding: 2px; display: inline-block;">ST</div>	Nominal diameter top/main casing (nearest inch) <u>6</u> Total depth of main casing (nearest foot) <u>100</u>
OTHER CASING (if used) diameter (inch) <u>      </u> depth (feet) from <u>      </u> to <u>      </u>	EACH CASING <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px;"></div>
SCREEN RECORD screen type or openhole (insert appropriate code below) <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input checked="" type="checkbox"/> ST              STEEL           </div> <div style="text-align: center;"> <input type="checkbox"/> BR              BRASS              BRONZE           </div> <div style="text-align: center;"> <input type="checkbox"/> HO              OPEN HOLE           </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> PL              PLASTIC           </div> <div style="text-align: center;"> <input type="checkbox"/> OT              OTHER           </div> </div>	
C2 Seq. no. <u>      </u> DEPTH (nearest ft.) <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">HO</div> <div style="text-align: center;">100</div> <div style="text-align: center;">250</div> </div>	
EACH SCREEN <div style="border: 1px solid black; width: 40px; height: 20px; margin-bottom: 2px;"></div> <div style="border: 1px solid black; width: 40px; height: 20px;"></div>	SLOT SIZE <u>      </u> (NEAREST INCH) DIAMETER OF SCREEN <u>      </u> (NEAREST INCH) GRAVEL PACK <u>      </u> IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX <input type="checkbox"/>

C3 Seq. no. <u>      </u>	PUMPING TEST HOURS PUMPED (nearest hour) <u>3</u> PUMPING RATE (gal. per min. to nearest gal.) <u>6.12</u> METHOD USED TO MEASURE PUMPING RATE <u>SUBMERSIBLE</u> WATER LEVEL (distance from land surface) BEFORE PUMPING <u>37'6"</u> WHEN PUMPING <u>198'6"</u> TYPE OF PUMP USED (for test)
<input type="checkbox"/> A air <input type="checkbox"/> C centrifugal <input type="checkbox"/> J jet	<input type="checkbox"/> P piston <input type="checkbox"/> R rotary <input checked="" type="checkbox"/> S submersible
<input type="checkbox"/> T turbine <input type="checkbox"/> O other (describe below)	PUMP INSTALLED YES NO DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) <input type="checkbox"/> Y <input checked="" type="checkbox"/> N IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) <div style="border: 1px solid black; width: 30px; height: 20px; display: flex; align-items: center; justify-content: center;">29</div> CAPACITY: GALLONS PER MINUTE (in nearest gallon) <u>      </u> PUMP HORSE POWER <u>      </u> PUMP COLUMN LENGTH (nearest ft.) <u>      </u> CASING HEIGHT (circle appropriate box and enter casing height) <input checked="" type="checkbox"/> + above <input type="checkbox"/> - below LAND SURFACE <u>      </u> (nearest foot)

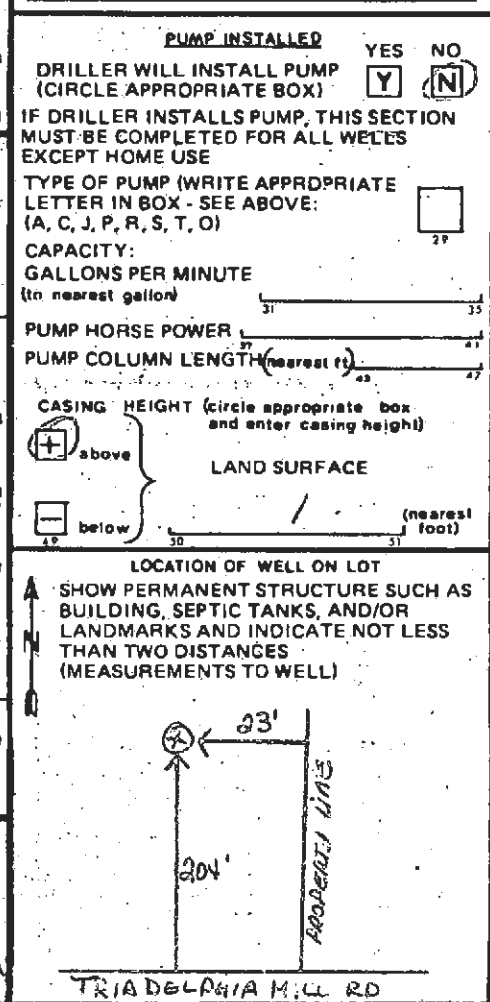
CIRCLE APPROPRIATE BOX

☒ A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
☐ E ELECTRIC LOG OBTAINED  
☐ P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 100  
 DRILLERS SIGNATURE Samuel A. P. [Signature]  
 (MUST MATCH SIGNATURE ON APPLICATION)  
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee) Carlos P. [Signature]

T (E.R.O.S.) ☐ W Q ☐  
 TELESCOPE CASING ☐ LOG INDICATOR ☐ OTHER DATA ☐



EMERGENCY/TEMP. NO. IF ANY

B3-1 6923

SEQUENCE NO.  
(OEP USE ONLY)STATE OF MARYLAND  
PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-73-4278

(THIS NUMBER IS TO BE PUNCHED  
IN COLUMNS 3-6 ON ALL CARDS)8/30/82  
3 hrs 10/5/82  
Please print or type

fill in this form completely

Date Received 9/29/82  
(OEP Use Only) 13

OWNER INFORMATION

Last Name IS LEE Owner DAVID 34 Name

36 10491 FAIR OAKS 35

Street or RFD

Town 57 COLUMBIA MD 21044 State 76 Zip

B1 Continued DRILLER INFORMATION

SANDY B. COCHRAN 1 20  
Driller's Name 77 License No. 80

G. EDGAR HARR SONS CORP.  
Firm Name

12047 FALLS RD COCKEYSVILLE 21030  
Address

Sandy B. Cochran 9-9-82  
Signature Date

B2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

USE FOR WATER (CIRCLE APPROPRIATE BOX)

☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (OR AUGERED) JETTED JETTED & DRIVEN

☒ AIR ROTARY ☒ AIR PERCUSSION ☐ ROTARY (HYDRAULIC ROTARY)

☐ CABLE ☐ REVERSE ROTARY ☐ DRIVE POINT

other

REPLACEMENT OR DEEPEINED WELLS  
(CIRCLE APPROPRIATE BOX)

☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL  
THIS WELL WILL REPLACE A WELL THAT WILL BE  
ABANDONED AND SEALED

☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED  
AS A STANDBY

☐ THIS WELL WILL DEEPEIN AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED  
(IF AVAILABLE) 41

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE ☒ WRITE INITIALS IN BOX

PERMIT No. HO-73-4278

B5 SPECIAL CONDITIONS B-63

B3 LOCATION OF WELL

COUNTY HOWARD

SUBDIVISION FENTON ESTATES

SECTION 23 LOT 2

NEAREST TOWN Dayton

MILES FROM TOWN (enter 0 if in town) 1

B4 TRIADELPHIA MILL ROAD

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD  
(CIRCLE APPROPRIATE BOX)

☒ NORTH ☐ WEST ☐ EAST ☐ SOUTH

35 35 FEET  
DISTANCE FROM ROAD 37  
(CIRCLE APPROPRIATE BOX)

SHOW MAJOR FEATURES OF  
BOX & LOCATE WELL  
WITH AN X

SOURCES OF DRILLING WATER

1. well 150' from highest hole on right side of lot.

2.

3.

WRITE THE BOX NUMBER  
FROM THE MAP HERE

800  
500

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN  
RELATION TO NEARBY TOWNS AND ROADS AND GIVE  
DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

Sketch showing location of well in relation to nearby towns and roads. Includes TRIADELPHIA MILL ROAD and DAYTON. Notes: 26' open hole, 8 bags of cement, dry hole sealed.

B4 NOT TO BE FILLED IN BY DRILLER  
HEALTH DEPARTMENT APPROVAL

COUNTY NAME HOWARD COUNTY NO. A29853

OEP SIGNATURE Frank Sherrin STATE HEALTH CIRCLE BOX ☒

DATE ISSUED 09/20/82

CO SIGNATURE 09/20/82

NORTH GRID 50 EAST GRID 0906 EXPIRES 03/20/83

992-0070 4/454-9483

HEALTH



nov 1 1964

3/19/84  
U.S.L.R.

## Owner

Static water level (S.W.L.) below M.P. 40 FT

Total time 15 min to reach pumping water level 225 ft. below M.P.

[illegible]



# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

A 29833

P \_\_\_\_\_

DISTRICT 5th

DATE 5/21/79

SEE SPECS ON SEPARATE SHEET

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER S. Turner Nichols David Lee  
Fenton Farms, Inc. 20491 Fair Oaks  
13938 Highland Road, Clarksville, Md. 21029 72-454-8483 (work)  
ADDRESS PHONE 286-2463 or 286-2993

PROPERTY LOCATION Now Called 11/15/79 Lot 2 on Final Copy  
SUBDIVISION FENTON ESTATES LOT NO. 2A

ROAD AND DESCRIPTION Highland Road & Triadelphia Mill Road

SIZE OF LOT 3 acres m/1 TYPE BLDG. 3 or 4 Bedrooms

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES.

SIGNATURE OF APPLICANT /s/ Jack Boender for S. Turner Nichols

APPROVED BY Raymond Hodge FOR Dry Well DATE 11/20/79

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 7/12/79 - PERC TIME OK HOLD FOR  
CERTIFISO HODGES R.H. 11/17/79 Final Plat  
signed

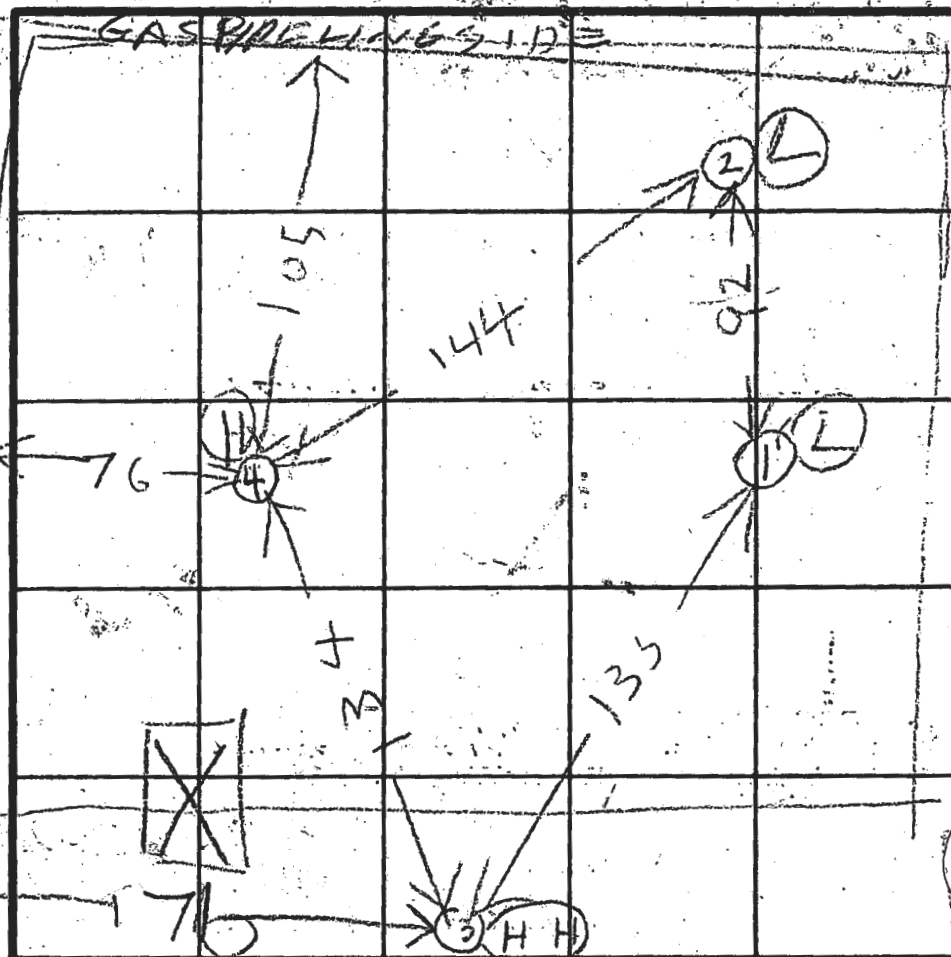
## THIS IS NOT A PERMIT

#2

SOIL PROFILE

TRINIDAD MILL R

EDGE R.



SEE  
PLAT

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/14/74	1D	12"	254	301	301	310	9
	1S	4	254	256	256	301	5
	2D	12	255	301	301	313	12
	2S	4	256	256	256	301	2
	3S	4	318	320	320	322	2
	3D	12"	318	322	322	330	8
7/11/74	4V	12	BOT 9" L TO SANDWICH				

REMARKS

TYPE OF SOIL

TESTED BY

BH

ALSO PRESENT

DENNY 86A

1100 sq ft family rm  
& bedroom

$$5 \times 150 = 750$$

$$750 / 1.2 = 625$$

$$625 / 2 = 312.5 \text{ sq. ft.}$$

$$312.5 \times (4/14) = 89.28 \text{ LF}$$

$$\frac{4}{3+8} = \frac{4}{11} = .36$$

$$(7' + 8') \text{ sq. ft.} = 112.5 \text{ LF}$$

6/20/83  
noon

approved 6/30/83  
Stayer  
P 32853  
A 32384

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

05-366570

INDEX

ELLICOTT CITY  
DISTRICT 5th.  
DATE 6/13/83

Donald Parlette

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 6575 Route 32, Clarksville, Maryland 21029 PHONE 286-2140

SUBDIVISION Fenton Estates ROAD 13440 Triadelphia Mill LOT 2

PROPERTY OWNER David & Elizabeth Lee PHONE: 992-0070  
10491 Fair Oaks

ADDRESS Columbia, Maryland 21044

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES ☐ NO ☒

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 158 sq. ft. per bedroom - 632 total sq.ft. absorbent area. Trench to be 2 ft. wide - 9 feet deep. Inlet 3 1/4 ft below original grade. Effective 3 1/4 ft. below original grade. 5 1/4 ft. stone below distribution pipe. Place distribution box 235 ft. from front lot line and 100 ft. from right lot line as seen when facing property from Triadelphia Mill Road. Run two (2) 60 ft. trenches - 9 ft. deep along level ground, one out of each side of distribution box.

BLDG. PERMIT SIGNED  
AND RETURNED 5/13/83  
Serial # 70311  
12/28/82  
Pro

PLANS APPROVED BY Craig Williams

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

BLDG. PERMIT SIGNED  
AND RETURNED 6/30/83  
I can garage

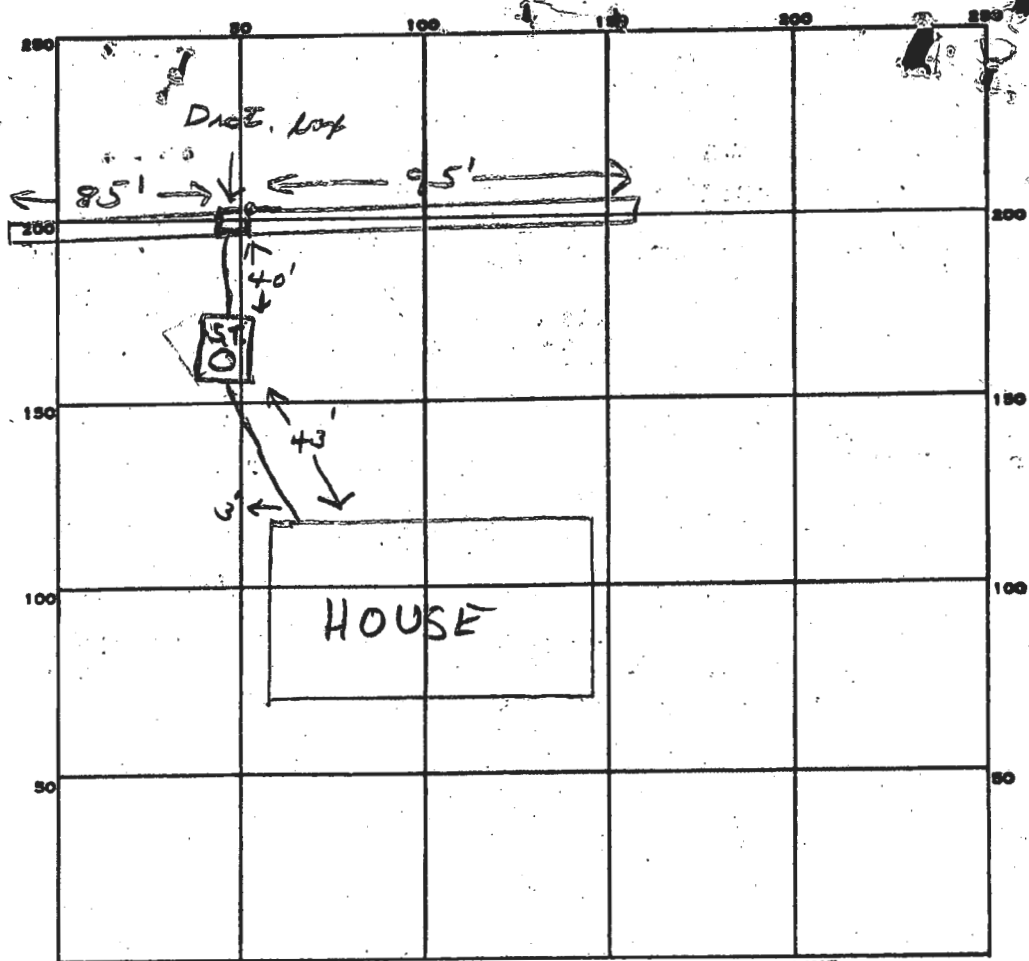
\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 32384

158  
4  
632



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

✓ *Philadelphia Mill Rd*

PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL ✓ 1500

CLEANOUTS ST ✓

*sidewalk was given*

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 1/2 IN. TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 990

180  
x 5.5  
900  
900  
990

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 990 SQ. FT.

REMARKS 6/30/83 OK to add stone in trenches  
6/30/83 OK to cover all work.

DATE SYSTEM APPROVED 6/30/83

INSPECTOR Stayer

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS HOWARD COUNTY PERMITS BLUES CITY, MD 21043 PERMITS (410) 315-2600 INSPECTIONS (410) 315-1610 AUTOMATED INFORMATION (410) 315-2600		<b>HOWARD COUNTY</b> <b>PERMIT APPLICATION</b>		<b>PERMIT NUMBER</b> <u>B00159830</u>	
Building Address <u>13440 Triadelphia Trail Rd</u>			Property Owner's Name <u>Blue House Pools</u>		
Suite/Apt. #: _____ SDP/WP/Petition #: _____			Address <u>13440 Triadelphia Trail Rd</u>		
Census Tract <u>6051-01</u> Subdivision <u>Easton East</u>			City <u>Clarksville</u> State <u>MD</u> Zip Code <u>21028</u>		
Section _____ Area _____ Lot <u>2</u>			Home Phone <u>410-531-5947</u> Work Phone _____		
Tax Map <u>34</u> Parcel <u>385</u> Grid <u>3</u>			Applicant's Name & Mailing Address, (if other than stated hereon): _____		
Zoning <u>RR-DEO</u> Map Coordinates _____ Lot size <u>3.443 AC</u>			Phone _____ Fax _____		
Existing Use <u>SED</u>			Contractor Company <u>Blue House Pools</u>		
Proposed Use <u>SD &amp; Pool</u>			Contact Person _____		
Estimated Construction Cost \$ _____			Address <u>9124 Industry Dr</u>		
Description of Work <u>Replace existing pool - 24'1" x 46'2" (in same location) - filled w/ tank - tank by owner</u>			City <u>Maryland</u> State <u>MD</u> Zip Code <u>20111</u>		
Occupant or Tenant _____			License No <u>30083</u> Phone <u>888-257-6007</u> Fax _____		
Contact Name _____			Engineer or Architect Company _____		
Address _____			Contact Person _____		
City _____ State _____ Zip Code _____			Address _____		
Phone _____ Fax _____			City _____ State _____ Zip Code _____		
Phone _____ Fax _____			City _____ State _____ Zip Code _____		

BUILDING DESCRIPTION - <u>COMMERCIAL</u>		BUILDING DESCRIPTION - <u>RESIDENTIAL</u>	
<b>Building Characteristics</b> Height: _____ No. of stories: _____ Gross area, sq. ft. per floor: _____ Use group: _____ Construction type: <input type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input type="checkbox"/> Wood Frame <input type="checkbox"/> State Certified Modular	<b>Utilities</b> Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private Sewage Disposal: <input type="checkbox"/> Public <input type="checkbox"/> Private Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/> Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input type="checkbox"/> <input type="checkbox"/> Natural Gas <input type="checkbox"/> <input type="checkbox"/> Propane Gas <input type="checkbox"/> Sprinkler system: N/A <input type="checkbox"/> <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression <input type="checkbox"/> # of Heads	<b>Building Characteristics</b> SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth Width 1st floor: _____ 2nd floor: _____ Basement: _____ <input type="checkbox"/> Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade No. of Bedrooms: _____ Height: _____ Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____ Other Structure: _____ Dimensions: _____ Footings: _____ Roof Height: _____ <input type="checkbox"/> State Certified Modular <input type="checkbox"/> Manufactured Home	<b>Utilities</b> Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/> Heating System: <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input type="checkbox"/> <input type="checkbox"/> Natural Gas <input type="checkbox"/> <input type="checkbox"/> Propane Gas <input type="checkbox"/> Sprinkler system: N/A <input type="checkbox"/> <input type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R <input type="checkbox"/> Other:

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature <u>[Signature]</u> <u>Blue House Pools</u> Title/Company	Print Name <u>Doris D. Morris</u> Date _____
--	---

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**  
 \*\* PLEASE WRITE NEATLY AND LEGIBLY. \*\*  
 - FOR OFFICE USE ONLY -

<b>AGENCY</b> Land Development, DPZ State Highways Building Official Dev. Engineering, DPZ Health Fire Protection Is Sediment Control approval required prior to issuance? YES <input type="checkbox"/> NO <input type="checkbox"/>	<b>DATE</b> <u>5/25/06</u>	<b>SIGNATURE APPROVAL</b> <u>[Signature]</u>
<b>CONTINGENCY CONSTRUCTION START:</b> <input type="checkbox"/> <b>ONE STOP SHOP:</b> <input type="checkbox"/>		
Distribution of Copies: _____ White: Building Official Green: LOD, DPZ Yellow: OED, DPZ Pink: Health Gold: SHA Normal PERMIT FROM	<b>DPZ SETBACK INFORMATION</b> Front: _____ Rear: _____ Side: _____ Side St: _____ All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/> Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/> Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/> Lot Coverage for New Town Zone _____ SDP/Red-line approval date _____	<b>PROPERTY ID#:</b> Filing fee \$ _____ Permit fee \$ _____ Excise tax \$ _____ Add'l per. fee \$ _____ TOTAL FEES \$ _____ Sub-total paid \$ _____ Balance due \$ _____ Check \$ _____ Validation \$ _____ Accepted by _____

Rev. 11/4/04

5/25/06 Pool site Revised - Kacie Roine HCD



PROPERTY KNOWN AS: LOT 2  
FENTON ESTATES

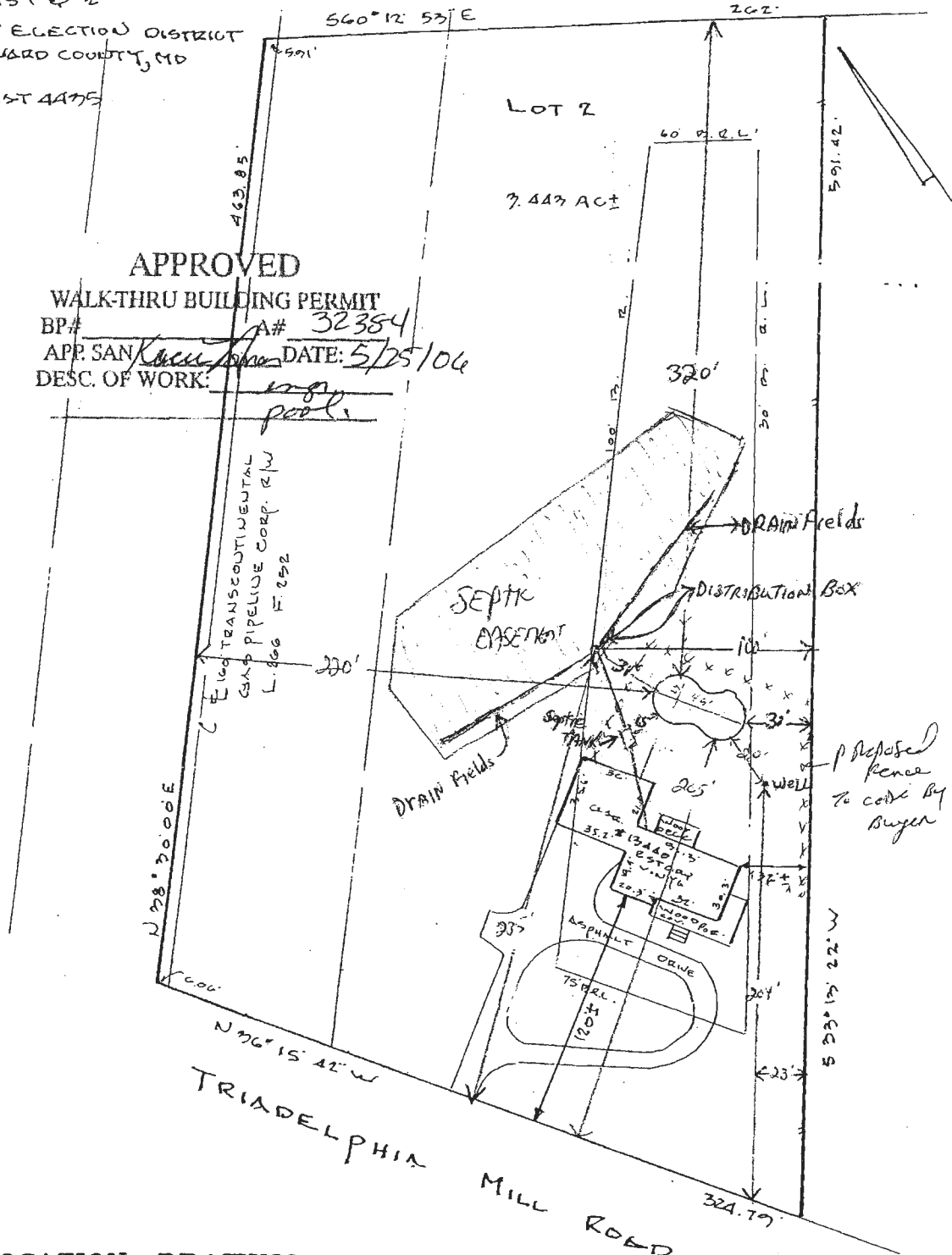
LOTS 1 & 2

9th ELECTION DISTRICT  
HOWARD COUNTY, MD


PLAT 4475

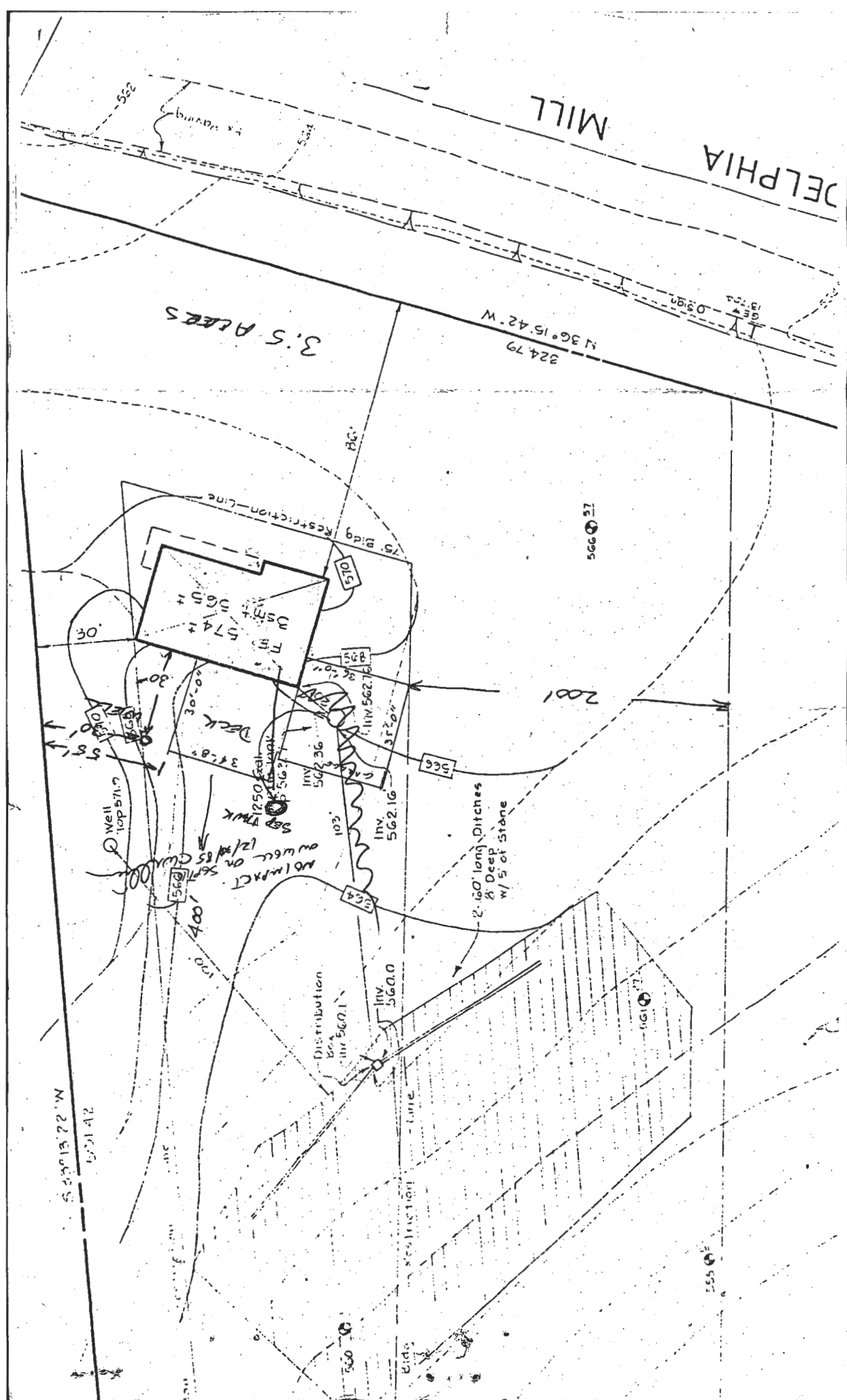
THIS PLAT CAN NOT BE USED TO ESTABLISH  
PROPERTY LINES OR CORNERS.

APPROVED  
WALK-THRU BUILDING PERMIT  
BP#            A# 32384  
APP. SAN Kenneth DATE: 5/25/06  
DESC. OF WORK: pool

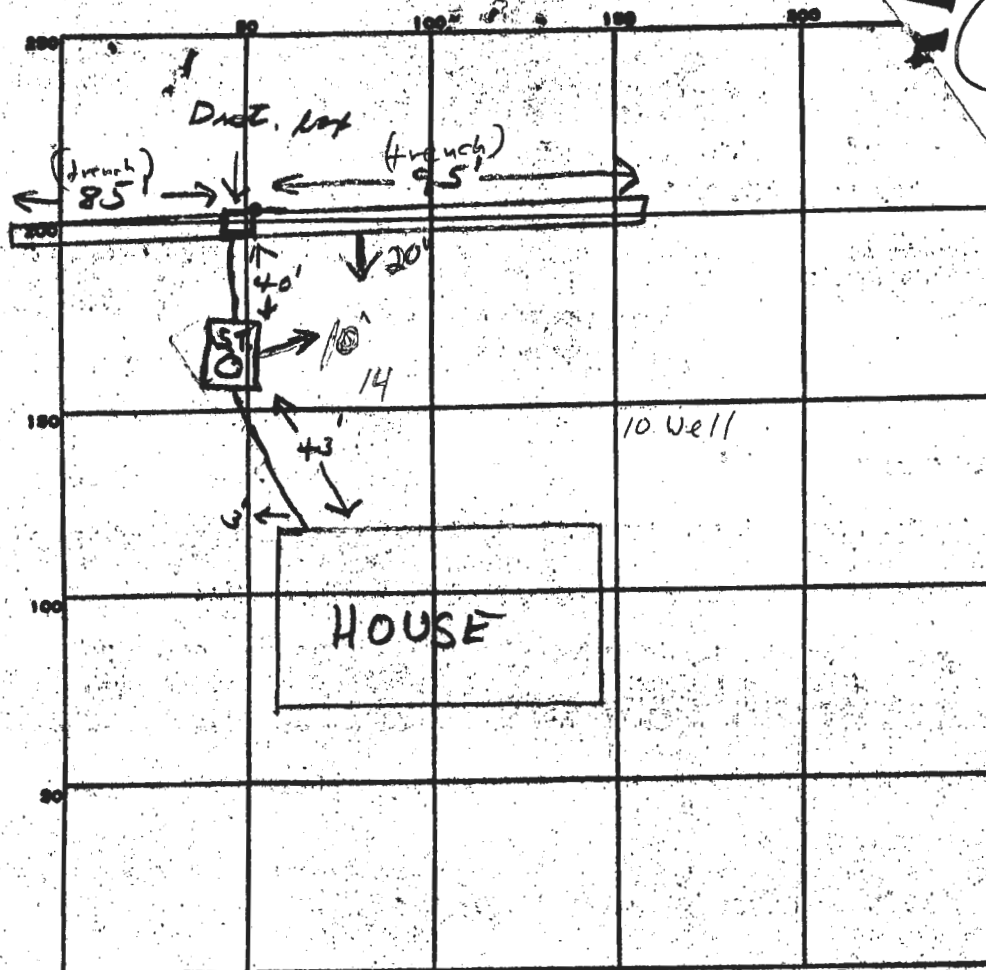


### LOCATION DRAWING

CERTIFICATION	SEAL	SCALE 1"=60'	DATE 11.12.01
<p>This is to certify that I have surveyed the property known as: <u>13440 TRIADOLPHIA MILL ROAD</u></p> <p>The information shown has been established by current acceptable survey procedures and from available record information. This drawing is to be used for Title Transfer Financing, or Refinancing Only and IS NOT to be used for the Establishment of Property Lines, Location for Fences, Garages, Buildings, or other Existing or Future Improvements.</p>	 <p>Walter R. L. Inc.</p>	<p><b>LDE Inc.</b> 9250 Rumsey Road Suite 106 Columbia, Maryland 21045</p> <p>(410) 715-1070 (Balt.) (301) 596-3424 (Wash.) (410) 715-9540 (Fax)</p>	



158  
4  
632



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Philadelphia Mill Rd

PERMIT CARD

SEPTIC TANK, LEVEL 1500

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 1/2 IN. TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 990

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

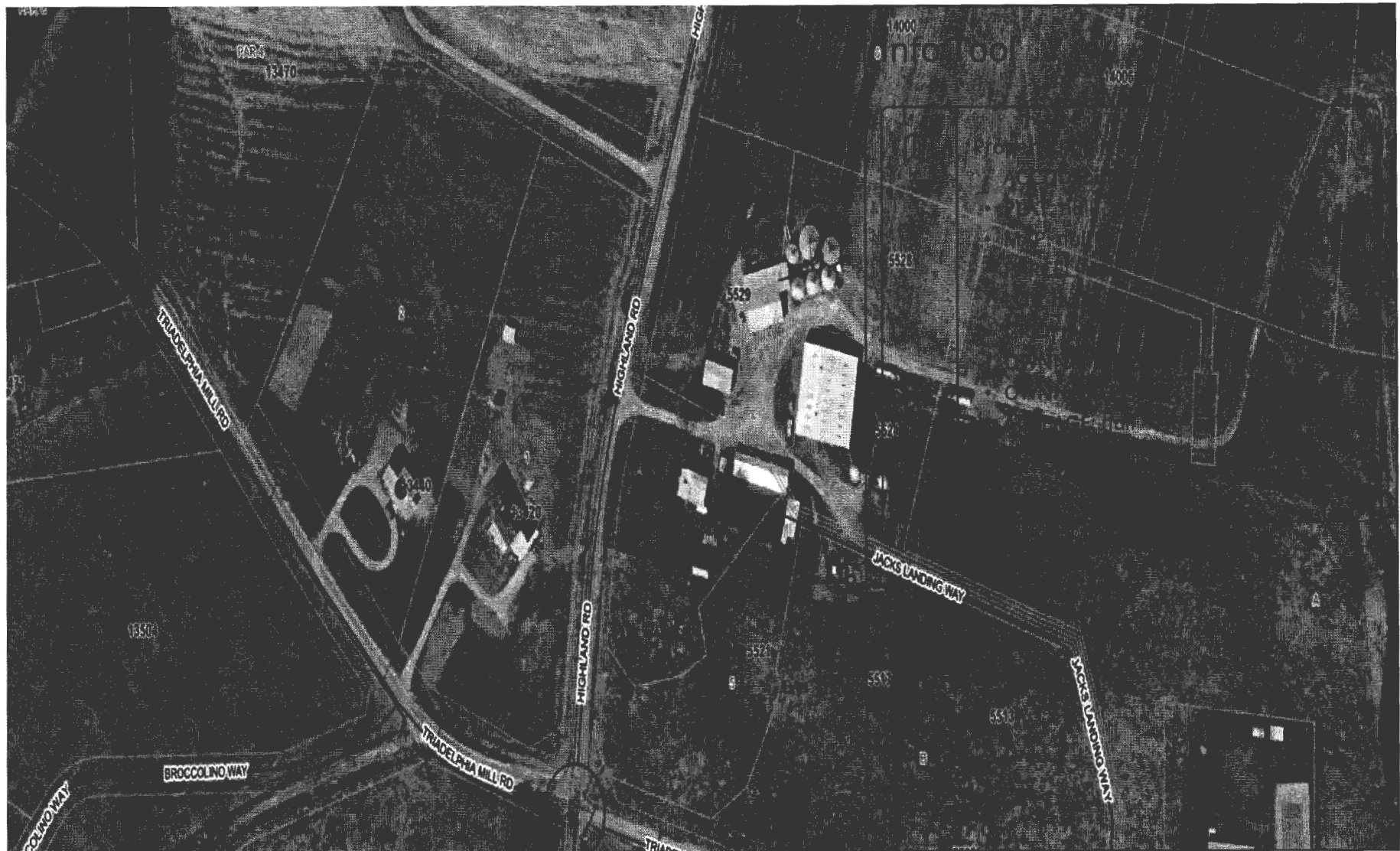
ABSORBENT AREA 990 SQ. FT.

REMARKS 6/30/83 OK to add stone in trenches  
6/30/83 OK to cover all work.

DATE SYSTEM APPROVED 6/30/83


INSPECTOR Stayer

STATE OF MARYLAND  
HARD COUNTY HEALTH DEPT  
ENVIRONMENTAL HEALTH SERV  
P.O. BOX 478 ELLICOTT CITY, MARYLAND  
TELEPHONE: 992-2330  
TRENCHES 158 SQ FT / BD  
TRENCH 2 FT WIDE  
INLET 3 1/2 FT BELOW  
EFFECTIVE 9/1/83



13440 TRIADELPHIA MILL RD

### Info Tool



Property Public NoName

- ACCTID: null
- PLAT: null
- MAP: null
- PARCEL: null
- LOT: null
- GRID: null
- OWNNAME1: null
- OWNNAME2: null
- ACREAGE: null
- SDAT Link: null
- PKPARCELS: 11058576



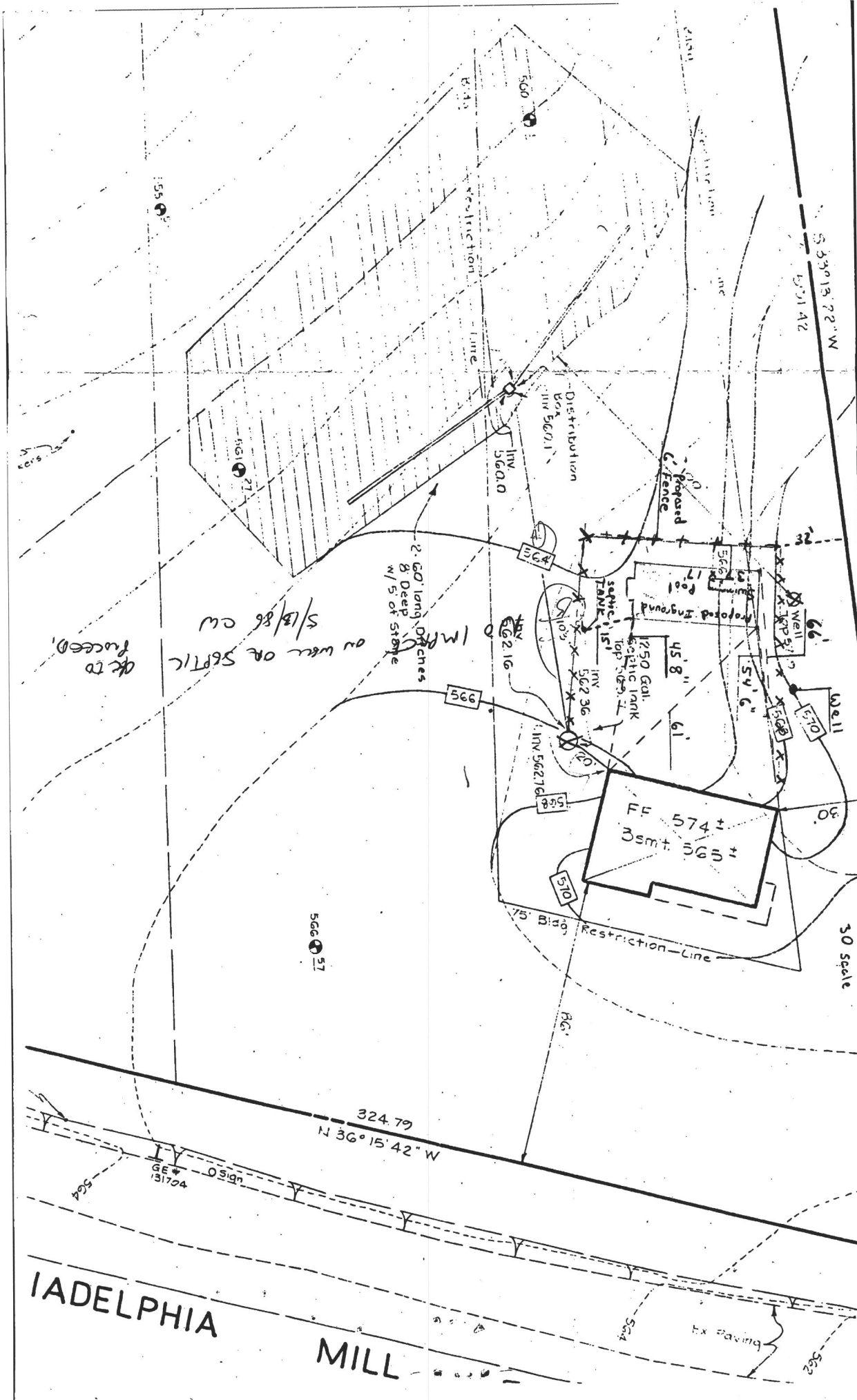
13440 TRIADELPHIA MILL RD

Info Tool



Property Public NoName

- ACCTID: null
- PLAT: null
- MAP: null
- PARCEL: null
- LOT: null
- GRID: null
- OWNNAME1: null
- OWNNAME2: null
- ACREAGE: null
- SDAT Link: null
- PKPARCELS: 11058576



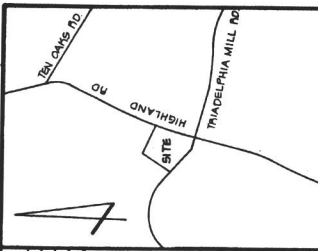
IADELPHIA

MILL



# CURVE DATA


CURVE	RADIUS	LENGTH	Δ	TAN	CHD	BNG	∠	DIST
12-15	600.00'	124.71'	119°43'30"	65.14'	N122°01'40"E	407.6'	120.50'	
14-15	300.00'	51.41'	59°17'12"	34.60'	N64°58'30"E	45.30'		
16-17	200.00'	103.36'	27°30'55"	32.81'	S51°04'11"E	102.23'		



## VICINITY MAP

SCALE: 1"=1200'

## GENERAL NOTES

1. TAX MAP: 34. PART OF PARCEL 11
2. DEED REFERENCE: 774/391
3. COORDINATES SHOWN HEREON ARE BASED ON ASSUMED
4. TRACTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
5.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT., AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. THE NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES. THERE SHALL BE NO VEHICULAR OR VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.
6. ALL PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED, AND SHOWN TRUS TO SUBJECT PROPERTY.
7. ZONING PLAN: ZONED R, PER 0-5-77 COMPREHENSIVE

## OWNER / DEVELOPER

ST NICHOLS  
% STRIMEL REAL ESTATE, INC  
2389 TEN OAKS RD.  
CLARKSVILLE, MD 21029

RECORDED AS PLAT 4435 ON 11-8-79  
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

FENTON ESTATES  
LOTS 1 AND 2

8TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1"=100'  
DATE: SEPT. 1979

**boender associates**  
engineers  
surveyors  
planners

SUITE 102 107 TOWN & COUNTRY PROFESSIONAL BUILDING  
ELLCOTT CITY, MARYLAND 21043  
BALTIMORE 301-465-7777 SALISBURY 301-240-1394

I-89.50 05-1963

## AREA TABULATIONS

TOTAL NUMBER OF LOTS: 2  
TOTAL AREA OF LOTS: 6.403 AC.  
TOTAL AREA OF RIGHT-OF-WAY DEDICATION: 1.037 AC  
TOTAL AREA OF FLOOD PLAIN DEDICATION: NONE  
TOTAL AREA OF PLAT: 7.930 AC

## OWNERS STATEMENT

WE, SAMUEL TURNER NICHOLS, JR., AND JAMES SHALLOON NICHOLS, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREIN, HEREBY AGREE TO SUBDIVIDE THE PROPERTY SHOWN AND DESCRIBED HEREIN INTO TWO SEPARATE SUBDIVISIONS, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UPON HOWARD COUNTY, MAINTAIN ITS EASEMENTS, ASSIGN, ((1)) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN WATER MAINS, ((2)) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SANITARY SEWERS, ((3)) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN GAS LINES, ((4)) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN TELEPHONE LINES, ((5)) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN CABLE TV LINES, ((6)) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN POWER LINES, ((7)) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN FLOODPLAIN EASEMENT AREAS SHOWN HEREON, ((8)) DEDICATE TO THE PUBLIC USE OF THE STREETS AND FOR ONE DOLLAR (\$1.00) CONSIDERATION, HEREBY GRANT AN OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE OF THE ENTIRE TRACT AND ON ROADS AND FLOODPLAINS AND OPEN SPACE TO BE APPLICABLE TO THE BEDDING OF THE TRAILWAY AND FLOODPLAIN STRUCTURE OF ANY KIND WHICH SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS, AND ((9)) IT IS FURTHER AGREED THAT MAINTENANCE OF ALL WATERWAYS, DRAINAGE EASEMENTS AND/OR FLOODPLAINS SHOWN HEREON ARE THE RESPONSIBILITY OF THE PROPERTY OWNER, HIS SUCCESSORS AND ASSIGNS.

WITNESS MY/OUR HANDS THIS DAY OF

# SURVEYORS CERTIFICATE

HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL OF PARCEL NO. 00-00-00-000-000-000 OWNED BY SAMUEL TURNER NICHOLS JR AND JAMES SMALLWOOD NICHOLS DECEASED DATED MARCH 20, 1978 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER #74 AT FOLIO 361 AND THAT ALL MONUMENTS THEREIN ARE IN PLACE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

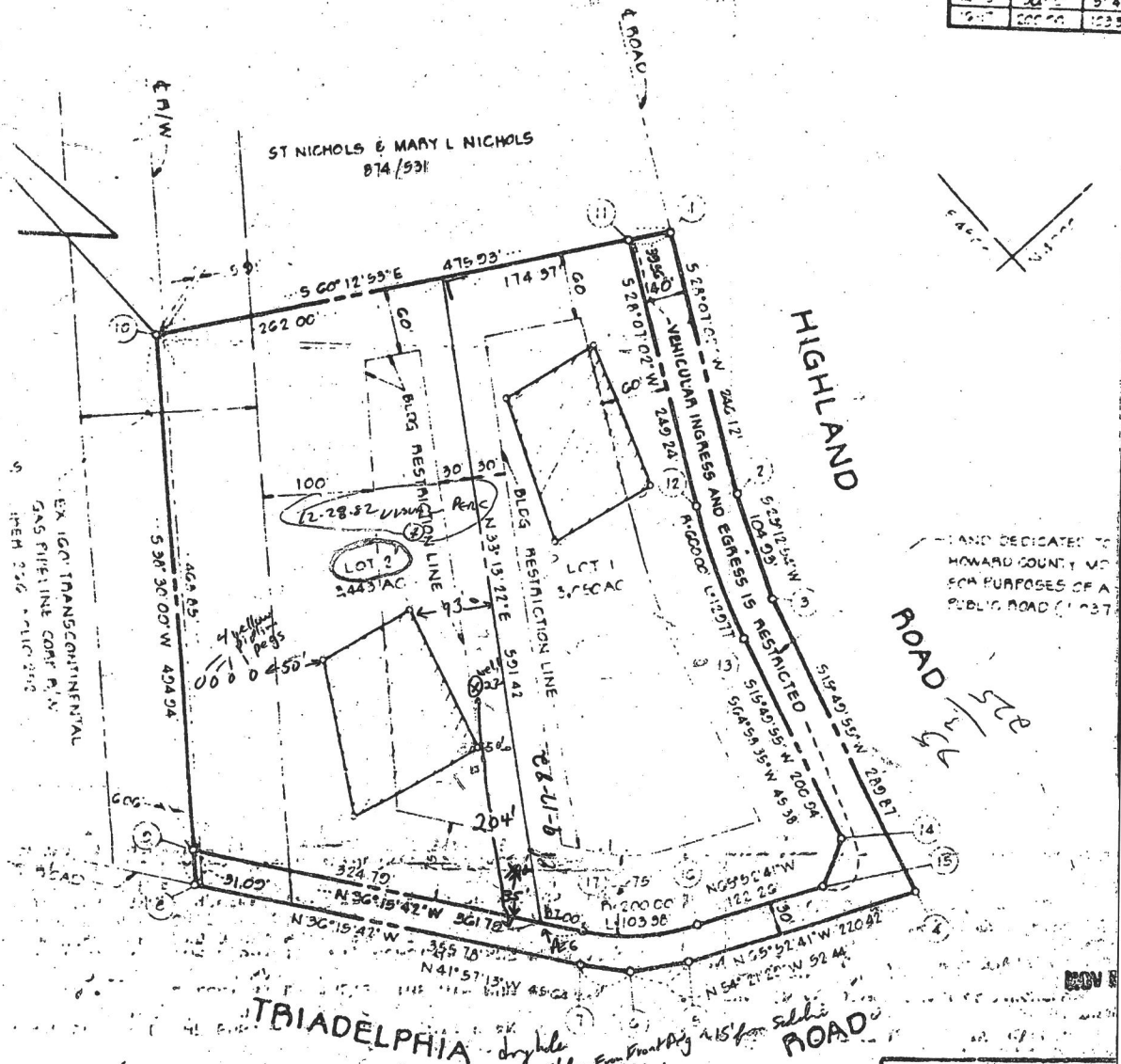
WILLIAM G. HARTEL, P.L.S. NO. 9436 DATE

# SURVEYORS CERTIFICATE

454-9483

PLAT C.M.P. NO. 4435

CURVE	RADIUS	LENG
13	200.00	125.71
14	30.00	5.42
15	200.00	125.71



LAND DEDICATED TO HOWARD COUNTY MD FOR PURPOSES OF A PUBLIC ROAD 11/23/78

STATE DEPT. OF ASSESSMENT  
HOWARD CO  
E. R. R.  
RECEIVED BY  
DATE: 11/2/79 PLAT

OWNERS STATEMENT

ST NICHOLS & MARY L NICHOLS, OWNERS OF THE LAND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAN OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN WATER PIPES AND OTHER MUNICIPAL UTILITIES AND UNDER ALL ROADS AND STREET RIGHT-OF-WAYS AND THE AREAS SHOWN HEREON; (2) DEDICATE TO PUBLIC USE THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE FOR ONE DOLLAR (\$1.00) CONSIDERATION, HEREBY GRANT OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE

SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL OF 3 CONVEYED BY MARY L. NICHOLS TO SAMUEL TURNER NICHOLS, JR. AND JAMES SMALLWOOD NICHOLS BY DEED DATED MARCH 20, 1978 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND LIBER 874 AT FOLIO 351 AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

9/17/82  
Well Site OK

10/4/82 Mrs Lee give acy of Kim drawing & (Septic) perched drawing ver.  
lot to be perched as well as in Septic area Y.S.

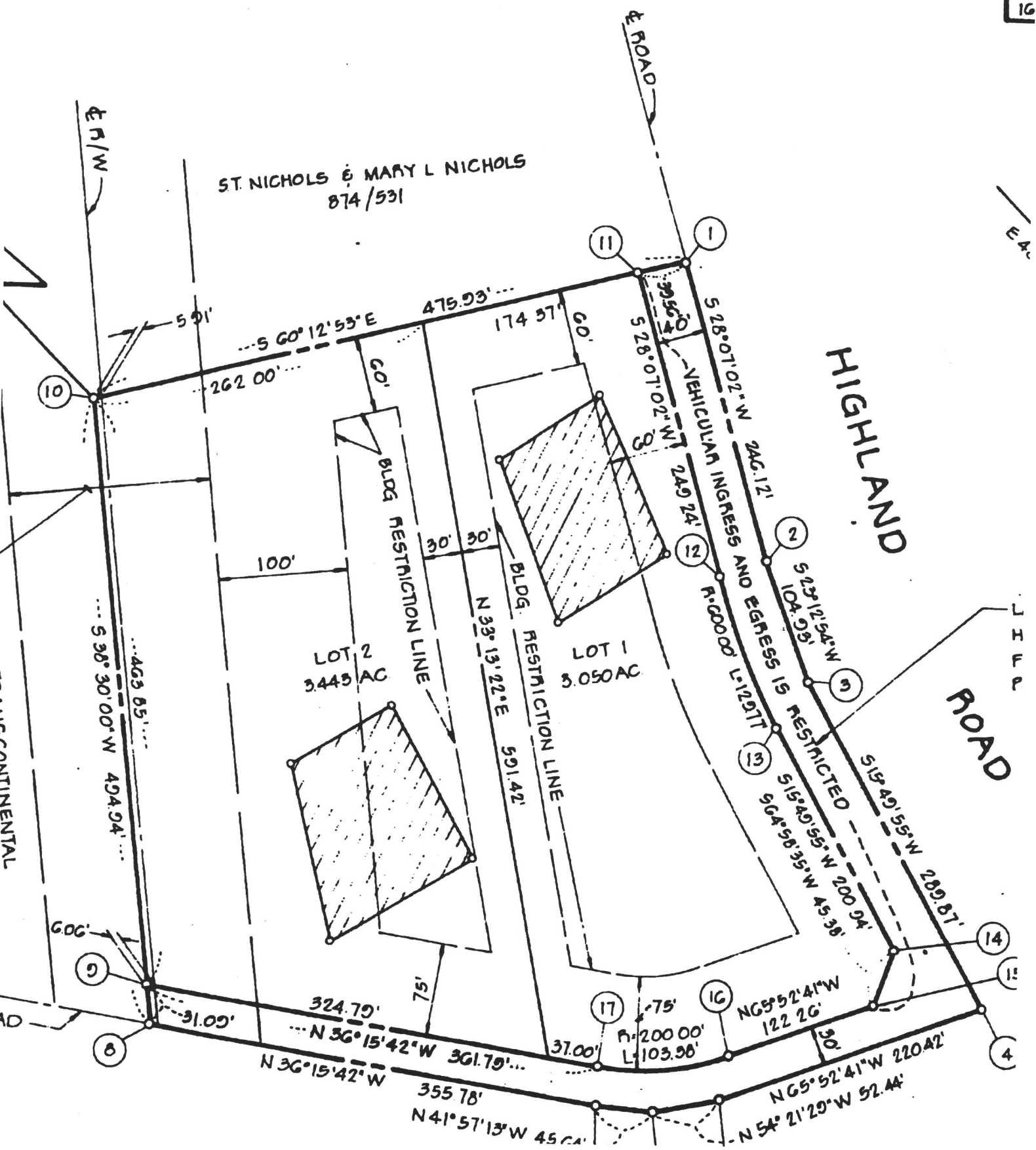
10/21/82 Visited site 10,000 ft still exists but it is only 20-25 ft  
from house. Mr Lee wrote basement fixtures no way unless rebuild.

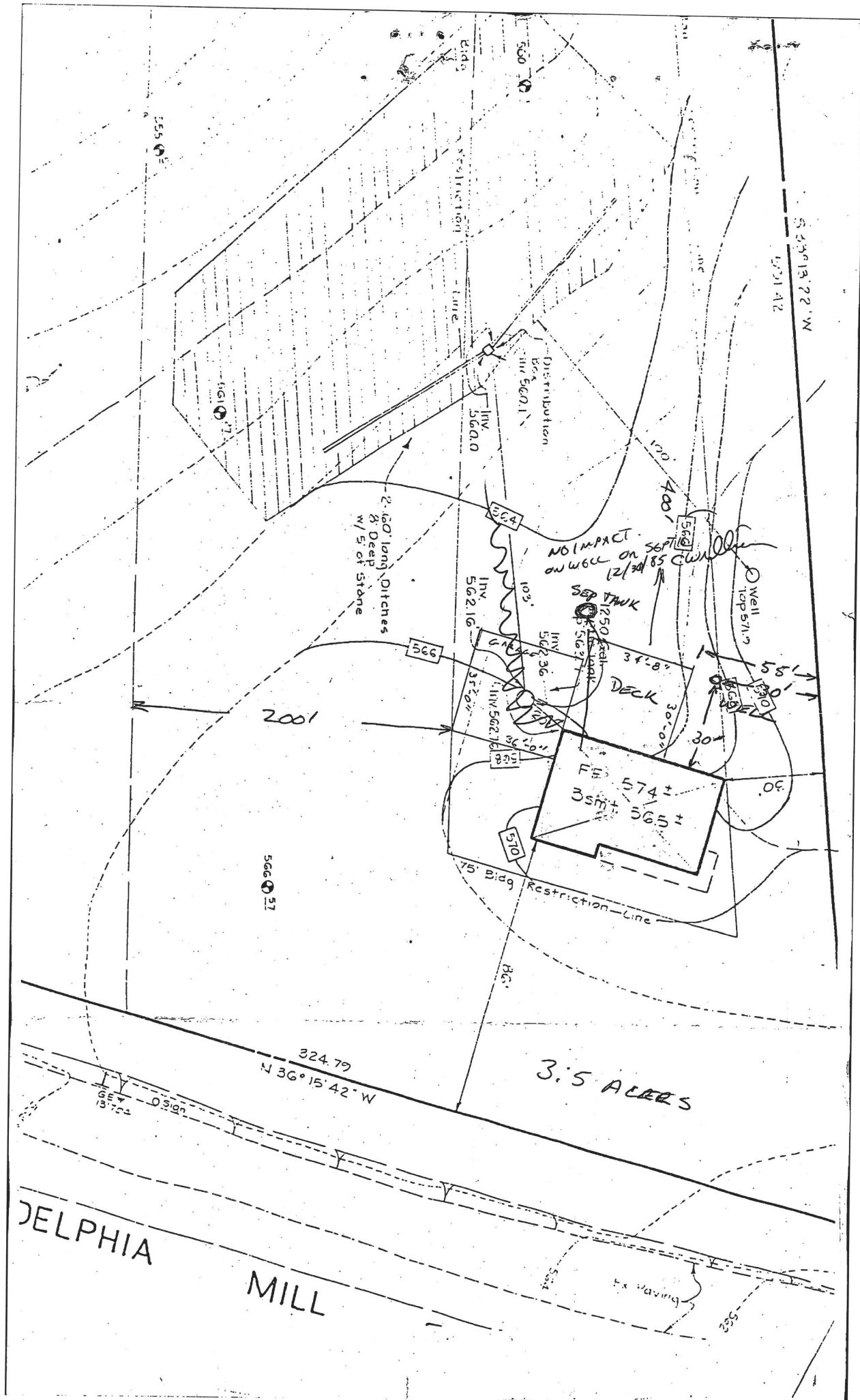
10/22/82 T.C. re above visit, copy of original spec & instructions for 9 chub  
drawing sent to S.

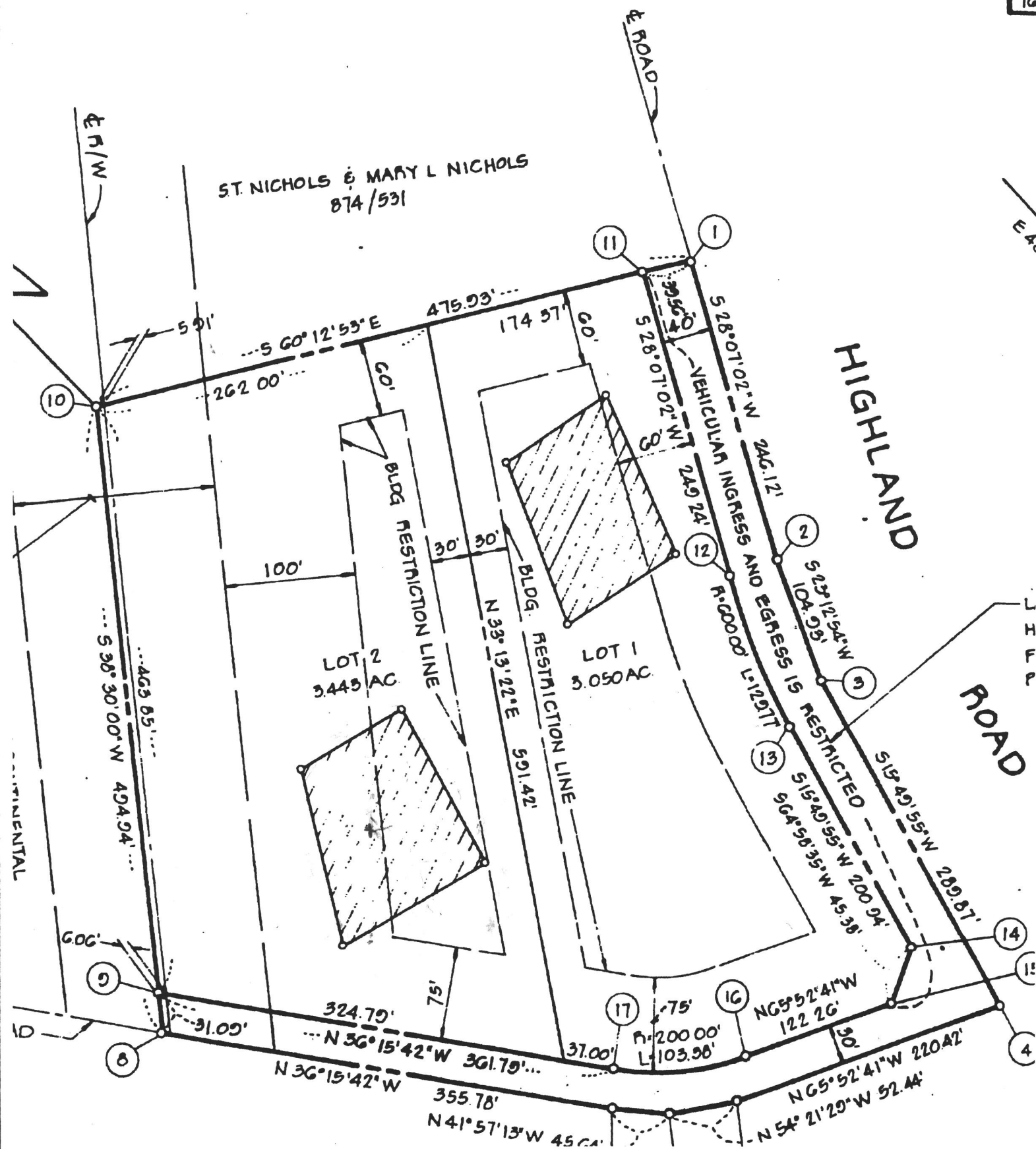
12/7/82 T.C. & Wes Cook re. what is needed for approval. I told him lot must be re-built  
another fee for rep'd & a 2nd lot showing needed drawing lot  
passes perched in area of approval to S.

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.

DEC 17 1982 3:40 PM '82  
DIV. 10-11  
ENVIRONMENTAL  
HEALTH







Floor Plans - Existing House  
Existing House has 4 BRs

Oswald, Hank

**From:** Scott Allen <sallenarchitect@gmail.com>  
**Sent:** Wednesday, October 09, 2019 10:13 AM  
**To:** Oswald, Hank  
**Subject:** Re: 13440 Triadelphia Mill Road - Ex plans and Site Plan  
**Attachments:** 04 Graham Foundation Plan Issued 9-17-19.pdf; 13 Graham 11x17 Plat Plan Issued 9-25-19.pdf; 05 Graham First Floor Plan Issued 9-17-19.pdf

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

Hank - see attached pdf files

1. I'm just sending along the floor plans for addition - not all the elevations, sections, and details
2. The architectural site plan is the same as the site plan for the project - but they also made us convert it to an 11x17 size for the building plat - I'm now attaching that as well - the information is the same however
3. The existing basement hobby room did not have a window
4. There is no division in the rec rooms in the basement - no walls - it's wide open
5. There is no full bathroom on the first floor of the house
6. There are no sliding doors for privacy at the loft / office - it's a cased opening
7. There are no sliding doors for privacy at the loft between room 2 and 3 - it's a cased opening - there are walls between the loft and stairs going to first floor

Let me know if you have other questions or comments

Scott H. Allen, AIA  
443-838-1648



On Wed, Oct 9, 2019 at 9:48 AM Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Hi Scott:

I have a couple of questions?

1. Can you send me the floor plans for the proposed addition?
2. Is the architectural site plan the same thing as the building permit site plan for this project? If so, it will need to be revised. I will explain why in my next email.
3. Does the basement hobby room have a window?
4. Are the rec rooms in the basement divided by a wall and door?
5. Does the first floor have a full bathroom? If so, revise plan to show it.
6. Does the loft/office on the 2<sup>nd</sup> floor have sliding doors for privacy?
7. Does the loft between room 2 and 3 have sliding doors and a wall between steps?

Thanks,

Hank

---

**From:** Scott Allen <[sallenarchitect@gmail.com](mailto:sallenarchitect@gmail.com)>  
**Sent:** Wednesday, October 09, 2019 9:34 AM  
**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Subject:** 13440 Triadelphia Mill Road - Ex plans and Site Plan

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

Hank,

Thank you so much for the call today



Please see the attached sketch plans of the existing house along with our architectural site plan showing the planned addition

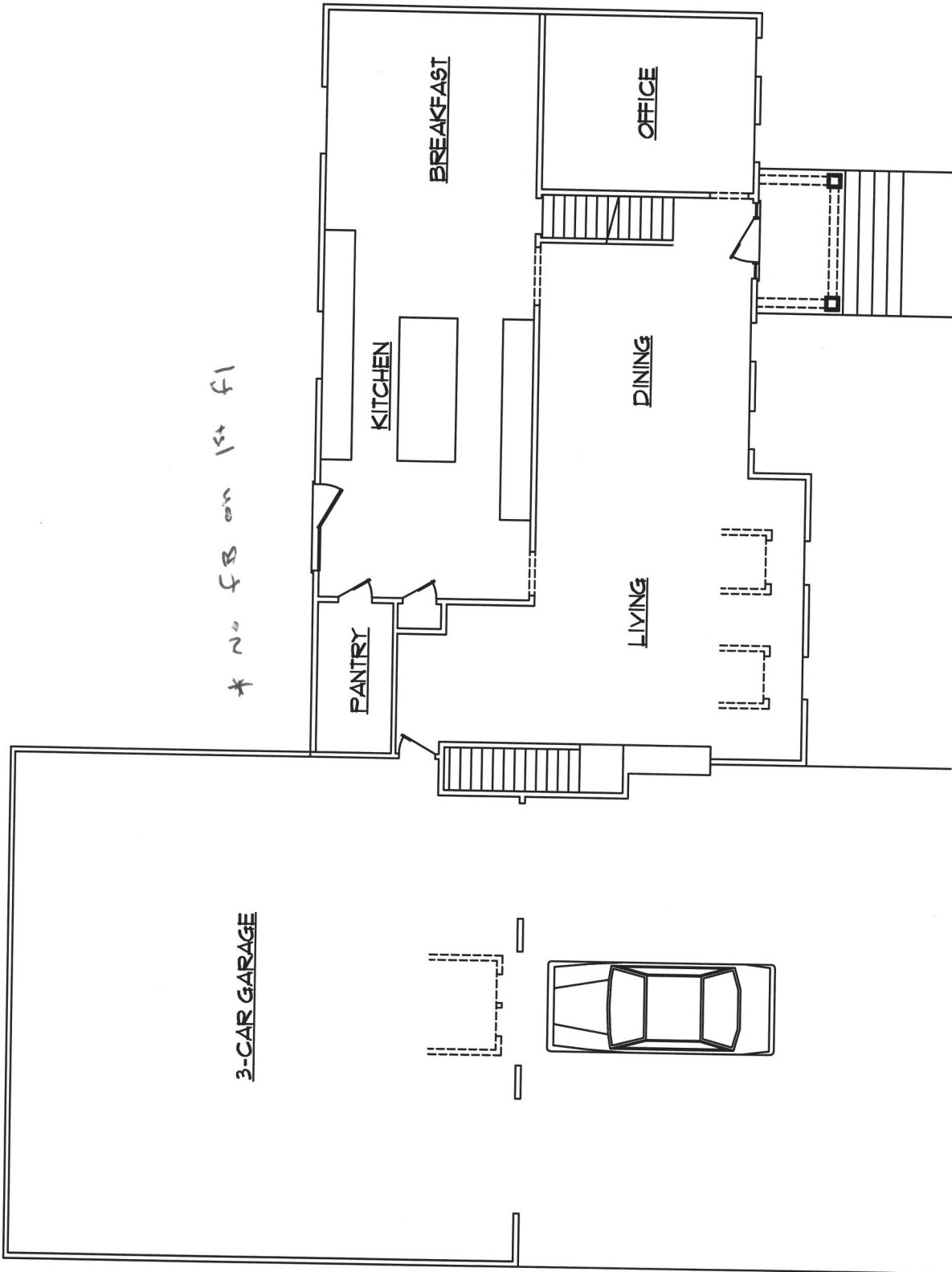
Please call with any questions

--



--





\* 2nd floor on 1st fl

3-CAR GARAGE

PANTRY

KITCHEN

BREAKFAST

LIVING

DINING

OFFICE

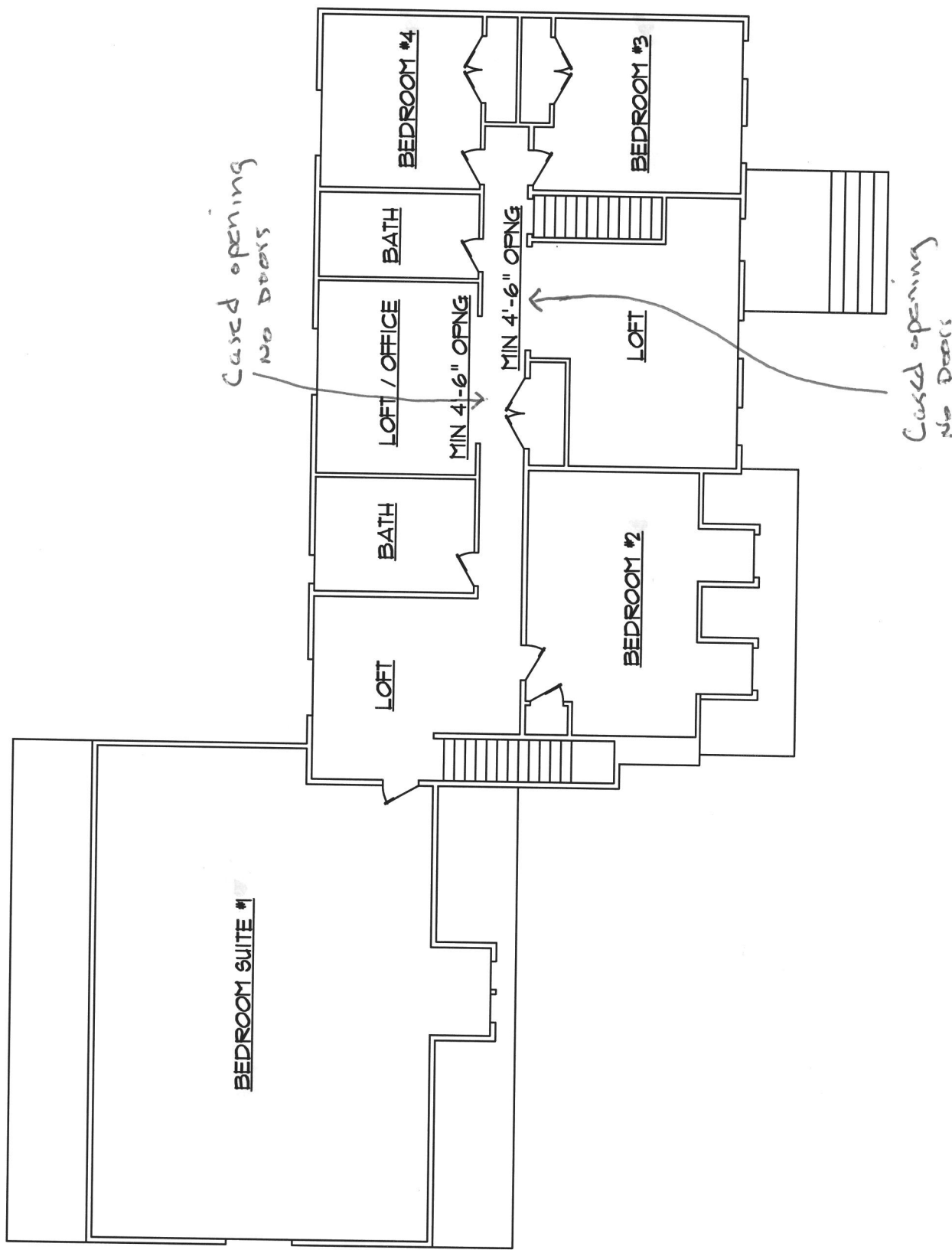
GRAHAM RESIDENCE  
EXIST'G 1ST FLOOR PLAN

ALLEN & DELALIO ARCHITECTS  
4300 SCOTCH MEADOW COURT  
OLNEY, MARYLAND 20832  
443-838-1648



SCALE: NTS  
DATE: 9-25-19

0825



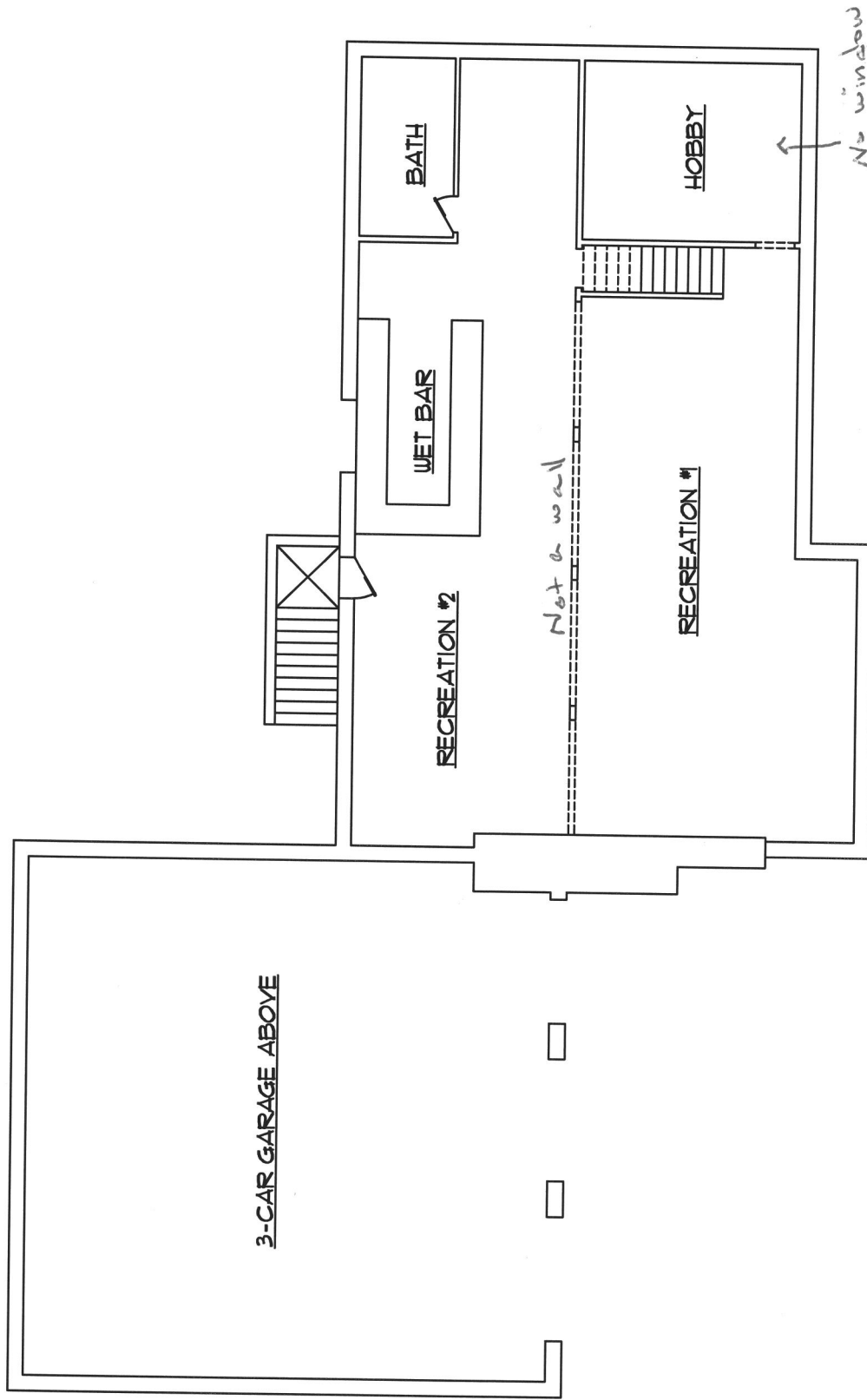
**GRAHAM RESIDENCE  
EXIST'G 2ND FLOOR PLAN**

ALLEN & DELALIO ARCHITECTS  
4300 SCOTCH MEADOW COURT  
OLNEY, MARYLAND 20832  
443-838-1648

1" = 8'-0"  
GRAPHIC SCALE

SCALE: NTS  
DATE: 9-25-19

4 BR'S



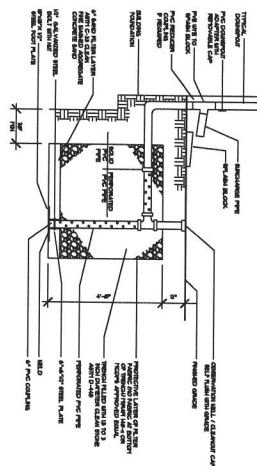
GRAHAM RESIDENCE  
EXIST'G FINISHED BSMT PLAN

ALLEN & DELALIO ARCHITECTS  
4300 SCOTCH MEADOW COURT  
OLNEY, MARYLAND 20832  
443-838-1648

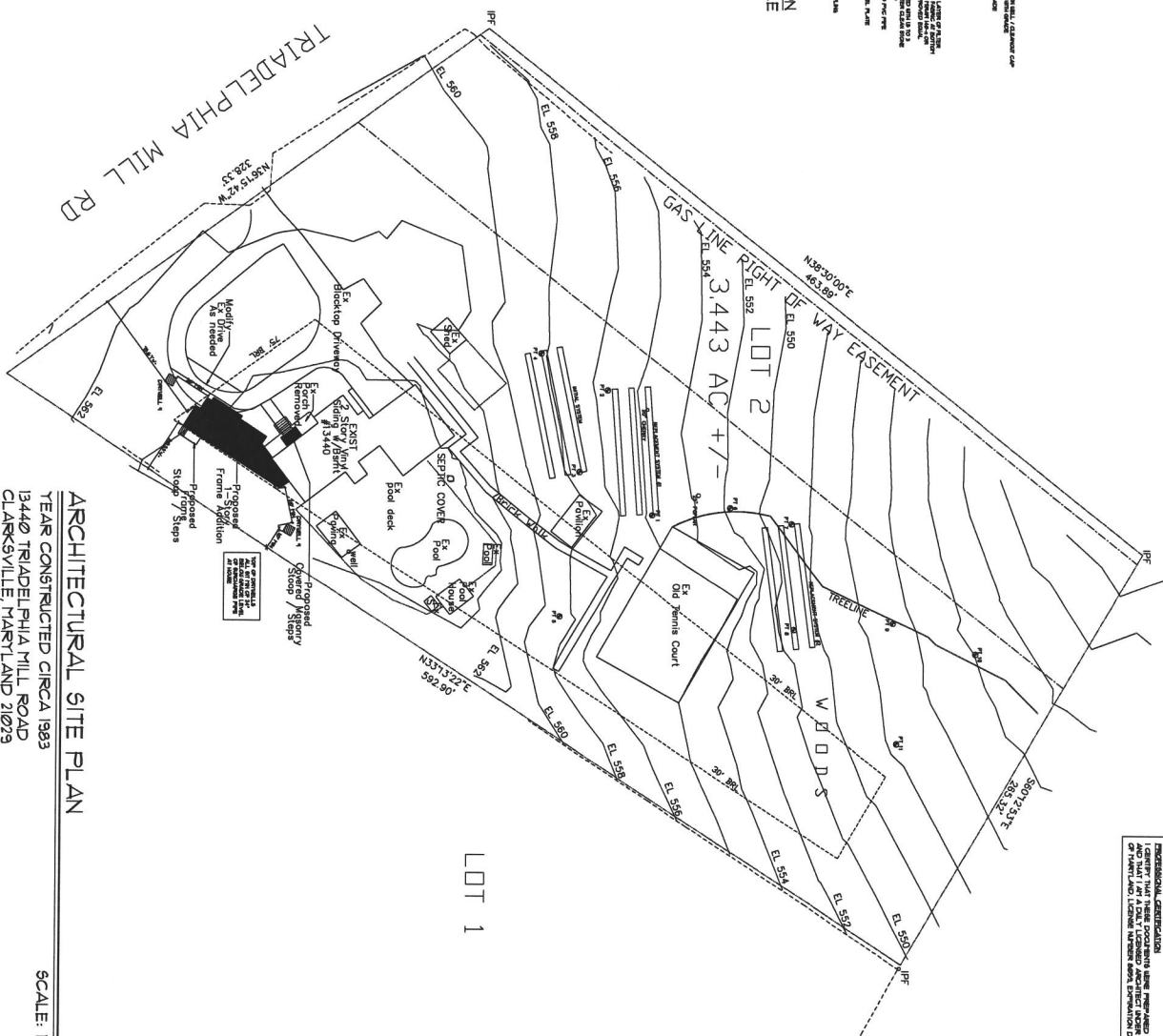


SCALE: NTS  
DATE: 9-25-19

O B R'S



**NOTES:**  
1. UNDESIGNED ROAD IS NOT ACCEPTABLE IN DRIVEWAYS  
2. ALL PILES SHOULD BE 80L 48 P.C. 2' DIA  
3. DRIVEWAYS MUST BE LOCATED A MINIMUM 50'  
- 20' FROM BUILDING FOUNDATION  
- 20' FROM DRIVEWAY  
- 20' FROM UTILITY FIELD  
- 10' FROM WELL LOCATION  
AND SHOULD BE LOCATED TO MINIMIZE ANY EXISTING SEEPAGE



I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER 8699, EXPIRATION DATE: 3-27-2008

YEAR CONSTRUCTED CIRCA 1983

YEAR CONSTRUCTED CIRCA 1983  
13440 TRIADAPLPHIA MILL ROAD  
CLARKSVILLE, MARYLAND 21029  
MAP: 0034 LOT: 2, GRID: 0003 PARCEL: 0385

SCALE: 1" = 30'

DATE 8-14-71	BUILDER
FILE NAME GRAHAMENH	MODEL GRAHAM RESIDENCE
DRAWN BY BMA	DRAWING TITLE SITE PLAN
SHEET NO. C12	OPTION # & DESCRIPTION

**Allen & DeLalio  
Architects, Inc.**

4300 SCOTCH MEADOWS COURT • OLNEY • Maryland • 20832  
ph: 301.854.3232 www.allendellioarchitects.com fax: 301.854.3232

SCOTT H. ALLEN ARCHITECT LLC  
EXPRESSLY RESERVES ITS  
COPYRIGHT AND OTHER  
PROPERTY RIGHTS IN THESE  
PLANS AND DRAWINGS. THESE  
PLANS AND DRAWINGS ARE  
NOT TO BE REPRODUCED  
IN ANY FORM OR MANNER  
WITHOUT THE EXPRESSED  
WRITTEN CONSENT OF  
SCOTT H. ALLEN ARCHITECT LLC

DATE	REMARKS
09-11-19	ISSUED

## Oswald, Hank

---

**From:** Scott Allen <sallenarchitect@gmail.com>  
**Sent:** Wednesday, October 09, 2019 9:34 AM  
**To:** Oswald, Hank  
**Subject:** 13440 Triadelphia Mill Road - Ex plans and Site Plan  
**Attachments:** 02 Graham Ex 2nd Flr Plan Revised 9-27-19.pdf; 03 Graham Ex Bsmt Plan 9-25-19.pdf;  
01 Graham Ex 1st Flr Plan 9-25-19.pdf; 03 Graham Site Issued 9-17-19.pdf

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

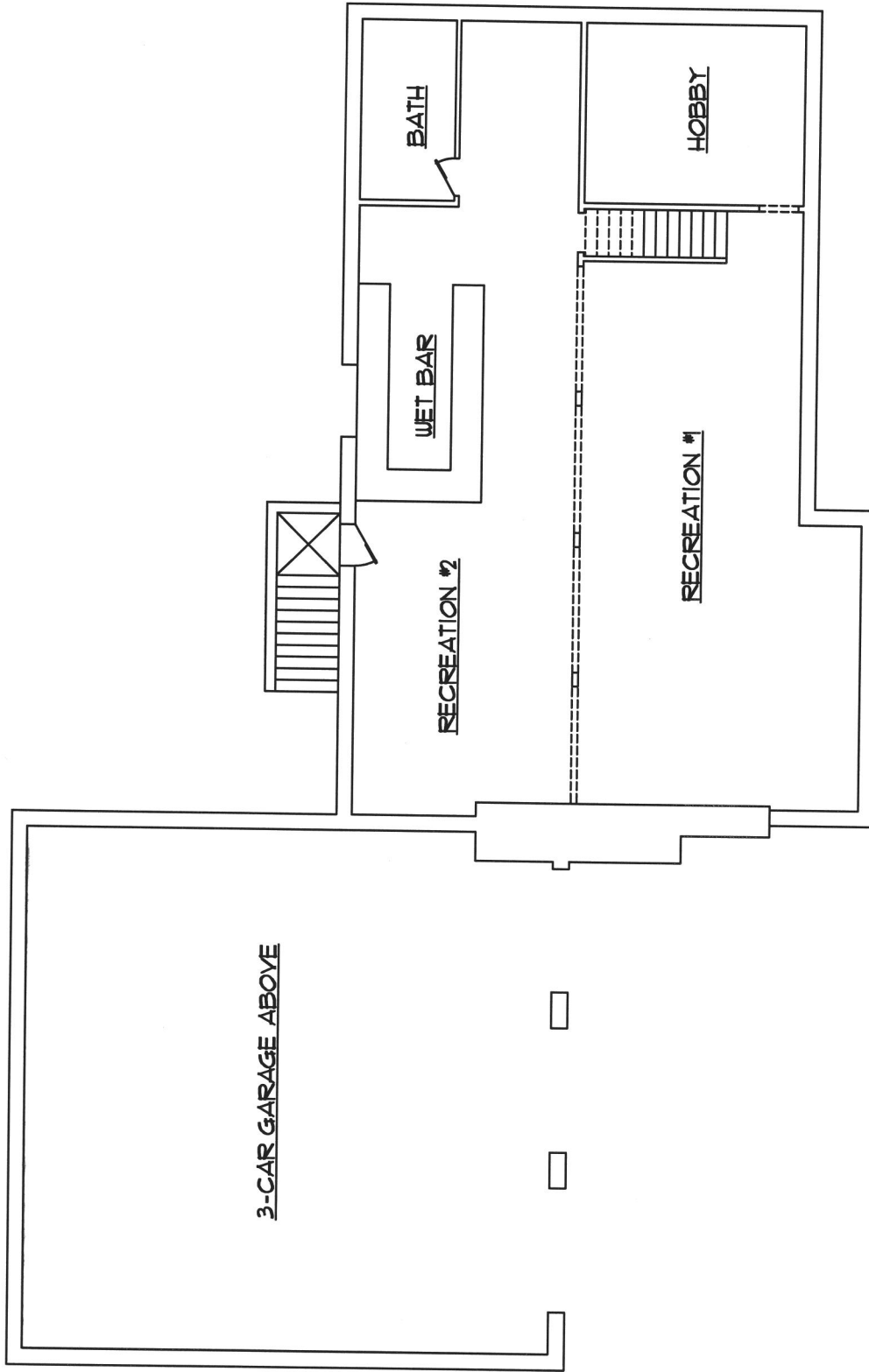
Hank,

Thank you so much for the call today

Please see the attached sketch plans of the existing house along with our architectural site plan showing the planned addition

Please call with any questions



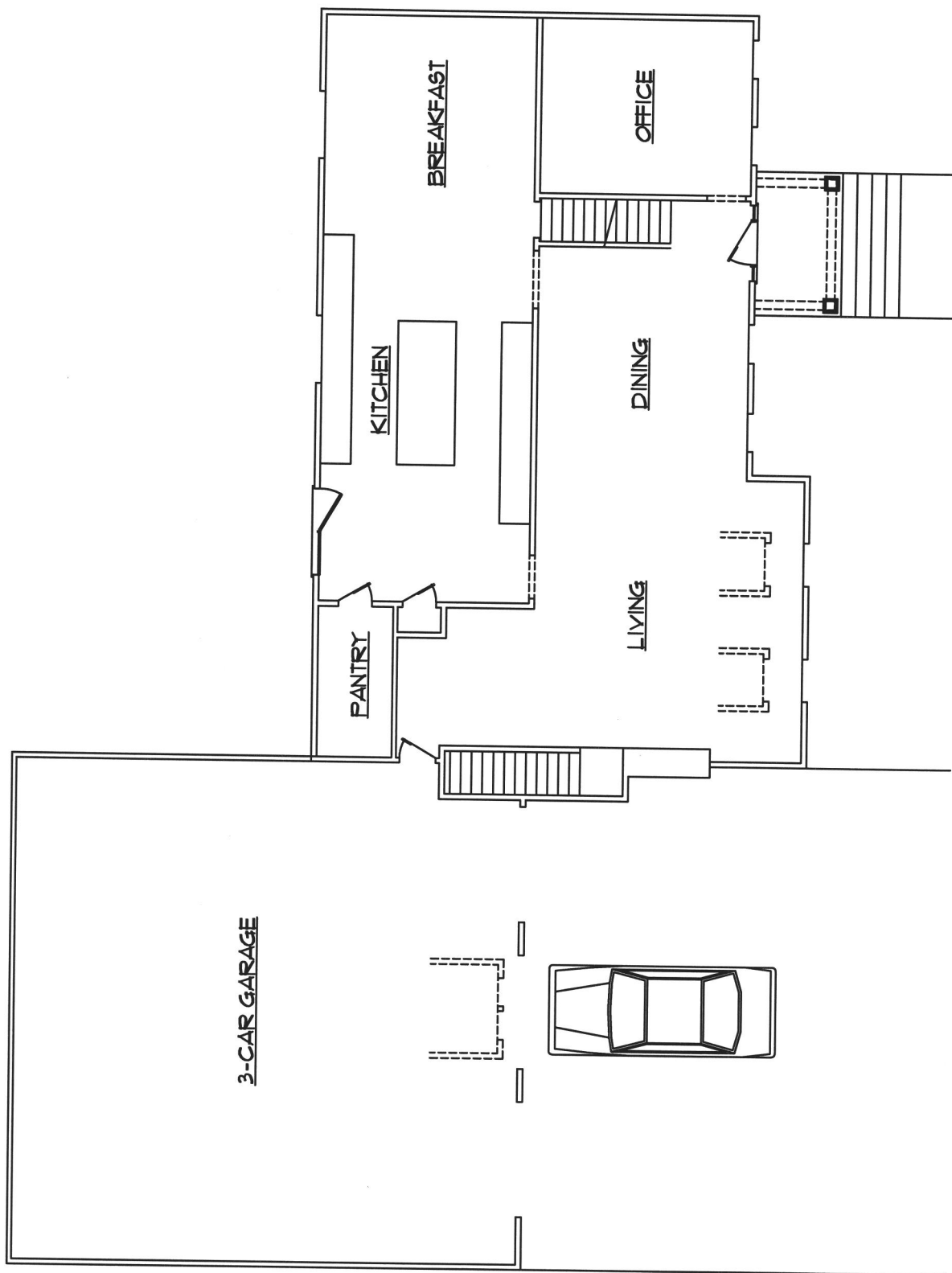


GRAHAM RESIDENCE  
EXIST'G FINISHED BSMT PLAN

ALLEN & DELALIO ARCHITECTS  
4300 SCOTCH MEADOW COURT  
OLNEY, MARYLAND 20832  
443-838-1648



SCALE: NTS  
DATE: 9-25-19



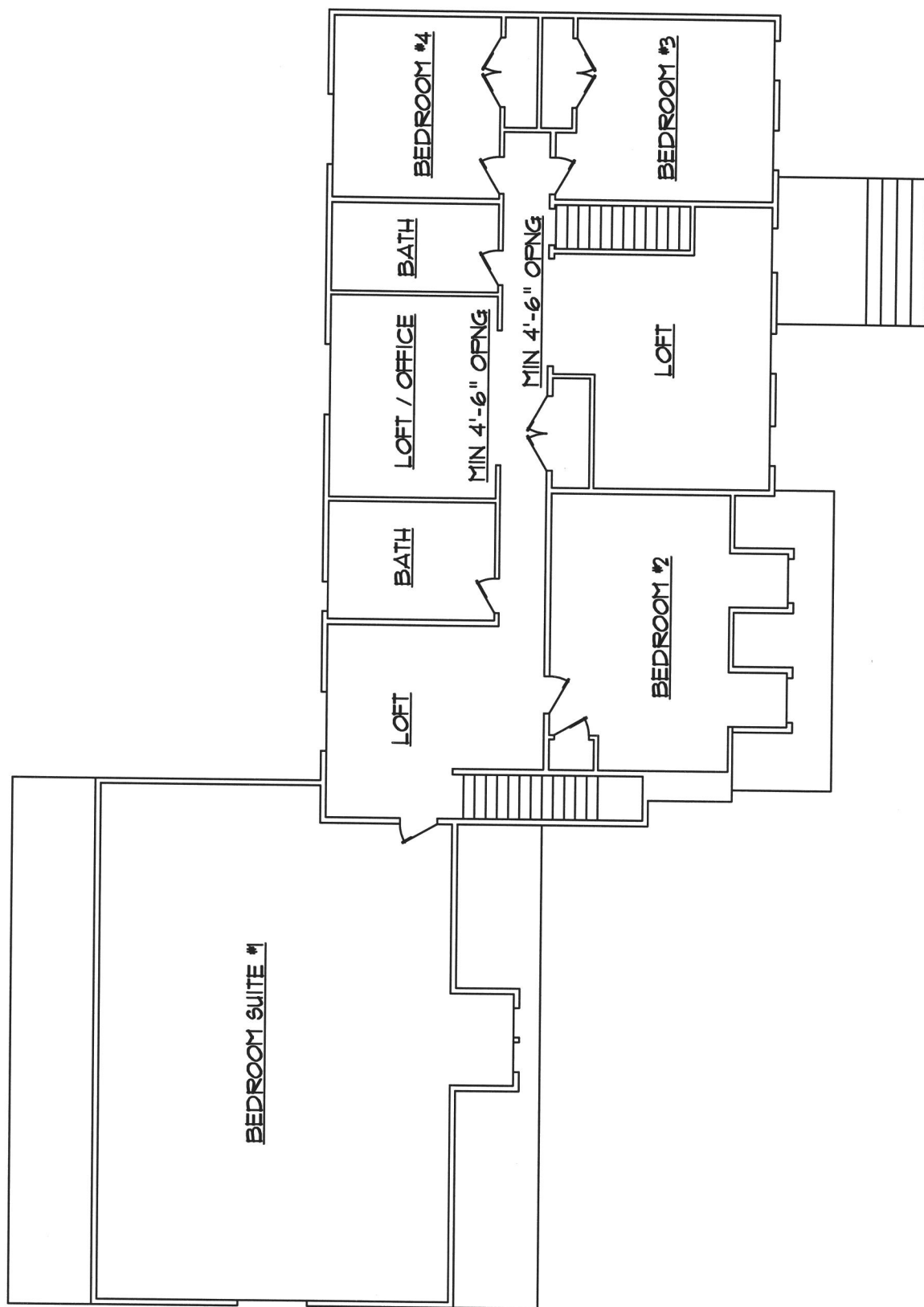
**GRAHAM RESIDENCE  
EXIST'G 1ST FLOOR PLAN**

ALLEN & DELALIO ARCHITECTS  
4300 SCOTCH MEADOW COURT  
OLNEY, MARYLAND 20832  
443-838-1648



SCALE: NTS  
DATE: 9-25-19





GRAHAM RESIDENCE  
EXIST'G 2ND FLOOR PLAN

ALLEN & DELALIO ARCHITECTS  
4300 SCOTCH MEADOW COURT  
OLNEY, MARYLAND 20832  
443-838-1648



SCALE: NTS  
DATE: 9-25-19

Floor Plans - Proposed Addition  
1 BR on main fl. 0 BR in basement &  
no FB rough in.

**Oswald, Hank**

---

**From:** Scott Allen <sallenarchitect@gmail.com>  
**Sent:** Wednesday, October 09, 2019 11:17 AM  
**To:** Oswald, Hank  
**Subject:** Re: 13440 Triadelphia Mill Road - Ex plans and Site Plan

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

Your statement is correct

Scott

On Wed, Oct 9, 2019 at 11:03 AM Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Scott:

To be clear, there are no full bathroom rough-in in the basement of the new addition?

Hank

---

**From:** Scott Allen <[sallenarchitect@gmail.com](mailto:sallenarchitect@gmail.com)>  
**Sent:** Wednesday, October 09, 2019 10:59 AM  
**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Subject:** Re: 13440 Triadelphia Mill Road - Ex plans and Site Plan

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

Hank,

There are no rough-ins for a bathroom in the proposed new addition - to remain all unfinished - no plans to finish it off

Scott H. Allen, AIA

443-838-1648

On Wed, Oct 9, 2019 at 10:46 AM Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Scott:

Does the lower basement level in the proposed addition have a full bathroom rough-in?

Thanks again for answering these questions.

Hank

---

**From:** Scott Allen <[sallenarchitect@gmail.com](mailto:sallenarchitect@gmail.com)>  
**Sent:** Wednesday, October 09, 2019 10:13 AM  
**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Subject:** Re: 13440 Triadelphia Mill Road - Ex plans and Site Plan

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

Hank - see attached pdf files

I have a couple of questions?

1. Can you send me the floor plans for the proposed addition?
2. Is the architectural site plan the same thing as the building permit site plan for this project? If so, it will need to be revised. I will explain why in my next email.
3. Does the basement hobby room have a window?
4. Are the rec rooms in the basement divided by a wall and door?
5. Does the first floor have a full bathroom? If so, revise plan to show it.
6. Does the loft/office on the 2<sup>nd</sup> floor have sliding doors for privacy?
7. Does the loft between room 2 and 3 have sliding doors and a wall between steps?

Thanks,

Hank

---

**From:** Scott Allen <[sallenarchitect@gmail.com](mailto:sallenarchitect@gmail.com)>  
**Sent:** Wednesday, October 09, 2019 9:34 AM  
**To:** Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)>  
**Subject:** 13440 Triadelphia Mill Road - Ex plans and Site Plan

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

Hank,

Thank you so much for the call today

Please see the attached sketch plans of the existing house along with our architectural site plan showing the planned addition

1. I'm just sending along the floor plans for addition - not all the elevations, sections, and details
2. The architectural site plan is the same as the site plan for the project - but they also made us convert it to an 11x17 size for the building plat - I'm now attaching that as well - the information is the same however
3. The existing basement hobby room did not have a window
4. There is no division in the rec rooms in the basement - no walls - it's wide open
5. There is no full bathroom on the first floor of the house
6. There are no sliding doors for privacy at the loft / office - it's a cased opening
7. There are no sliding doors for privacy at the loft between room 2 and 3 - it's a cased opening - there are walls between the loft and stairs going to first floor

Let me know if you have other questions or comments

Scott H. Allen, AIA

443-838-1648

On Wed, Oct 9, 2019 at 9:48 AM Oswald, Hank <[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)> wrote:

Hi Scott:

DATE	REVISION
09-11-19	1. INITIAL
09-11-19	2. REVISED
09-11-19	3. REVISED
09-11-19	4. REVISED
09-11-19	5. REVISED
09-11-19	6. REVISED
09-11-19	7. REVISED
09-11-19	8. REVISED
09-11-19	9. REVISED
09-11-19	10. REVISED

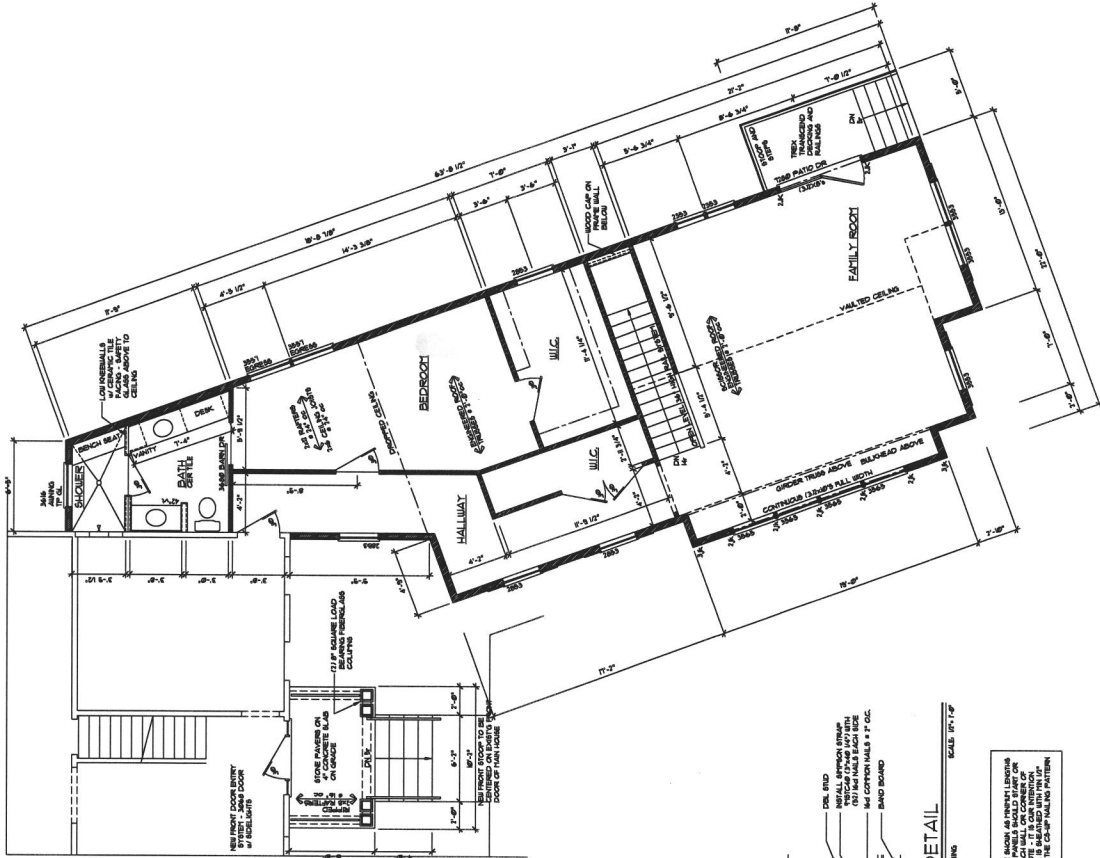
DATE	REVISION
09-11-19	1. INITIAL
09-11-19	2. REVISED
09-11-19	3. REVISED
09-11-19	4. REVISED
09-11-19	5. REVISED
09-11-19	6. REVISED
09-11-19	7. REVISED
09-11-19	8. REVISED
09-11-19	9. REVISED
09-11-19	10. REVISED

DATE	REVISION
09-11-19	1. INITIAL
09-11-19	2. REVISED
09-11-19	3. REVISED
09-11-19	4. REVISED
09-11-19	5. REVISED
09-11-19	6. REVISED
09-11-19	7. REVISED
09-11-19	8. REVISED
09-11-19	9. REVISED
09-11-19	10. REVISED

DATE	REVISION
09-11-19	1. INITIAL
09-11-19	2. REVISED
09-11-19	3. REVISED
09-11-19	4. REVISED
09-11-19	5. REVISED
09-11-19	6. REVISED
09-11-19	7. REVISED
09-11-19	8. REVISED
09-11-19	9. REVISED
09-11-19	10. REVISED

DATE	REVISION
09-11-19	1. INITIAL
09-11-19	2. REVISED
09-11-19	3. REVISED
09-11-19	4. REVISED
09-11-19	5. REVISED
09-11-19	6. REVISED
09-11-19	7. REVISED
09-11-19	8. REVISED
09-11-19	9. REVISED
09-11-19	10. REVISED

LEGEND: NEW CONSTRUCTION - SHOWN IN BOLD  
EXISTING WALLS - SHOWN IN DASHES



#### GENERAL NOTES:

1. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.  
2. ALL WALLS ARE 1/2" THICK UNLESS NOTED OTHERWISE.  
3. ALL DOORS ARE 3'0" WIDE UNLESS NOTED OTHERWISE.  
4. ALL WINDOWS ARE 6'0" WIDE UNLESS NOTED OTHERWISE.  
5. ALL FLOORS ARE 4" THICK UNLESS NOTED OTHERWISE.  
6. ALL CEILING ARE 8'0" HIGH UNLESS NOTED OTHERWISE.  
7. ALL ROOF ARE 12/12 PITCH UNLESS NOTED OTHERWISE.  
8. ALL EXTERIOR WALLS ARE 1/2" THICK UNLESS NOTED OTHERWISE.  
9. ALL EXTERIOR DOORS ARE 3'0" WIDE UNLESS NOTED OTHERWISE.  
10. ALL EXTERIOR WINDOWS ARE 6'0" WIDE UNLESS NOTED OTHERWISE.

#### WINDOOR DETAIL

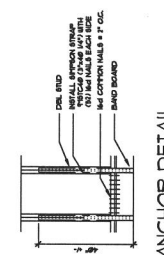
WINDOOR DETAIL: 1/2" THICK WALL, 1/2" THICK WINDOW, 1/2" THICK DOOR, 1/2" THICK SILL, 1/2" THICK CASE, 1/2" THICK LINEN, 1/2" THICK TRIM, 1/2" THICK FINISH.

#### EXTERIOR WALL CONSTRUCTION

EXTERIOR WALL CONSTRUCTION: 1/2" THICK WALL, 1/2" THICK WINDOW, 1/2" THICK DOOR, 1/2" THICK SILL, 1/2" THICK CASE, 1/2" THICK LINEN, 1/2" THICK TRIM, 1/2" THICK FINISH.

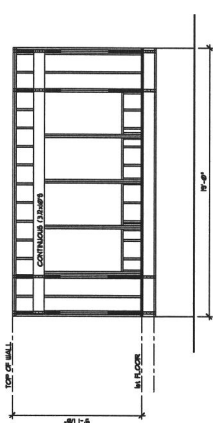
#### INTERIOR DETAIL ATTACHMENT

INTERIOR DETAIL ATTACHMENT: 1/2" THICK WALL, 1/2" THICK WINDOW, 1/2" THICK DOOR, 1/2" THICK SILL, 1/2" THICK CASE, 1/2" THICK LINEN, 1/2" THICK TRIM, 1/2" THICK FINISH.



#### ANCHOR DETAIL

ANCHOR DETAIL: 1/2" THICK WALL, 1/2" THICK WINDOW, 1/2" THICK DOOR, 1/2" THICK SILL, 1/2" THICK CASE, 1/2" THICK LINEN, 1/2" THICK TRIM, 1/2" THICK FINISH.



#### FAMILY ROOM WALL FRAMING

FAMILY ROOM WALL FRAMING: 1/2" THICK WALL, 1/2" THICK WINDOW, 1/2" THICK DOOR, 1/2" THICK SILL, 1/2" THICK CASE, 1/2" THICK LINEN, 1/2" THICK TRIM, 1/2" THICK FINISH.

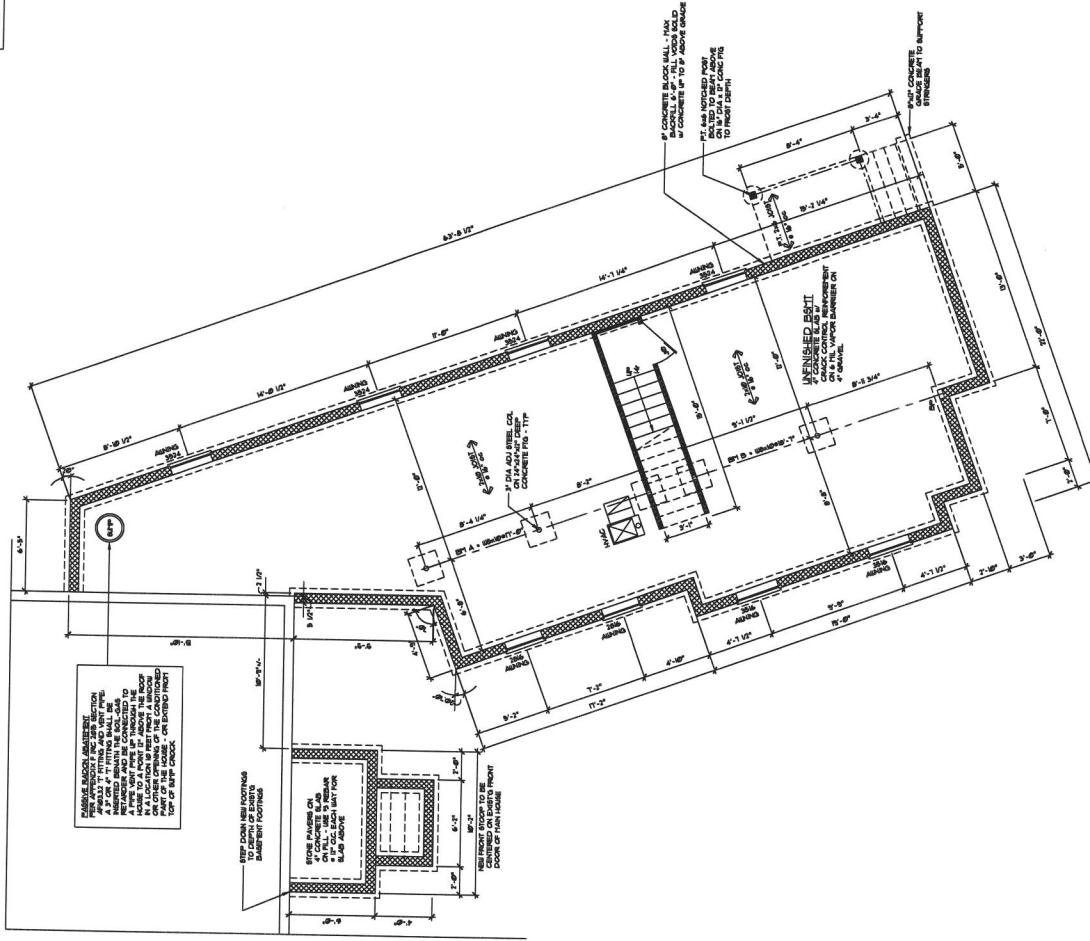
### FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

DATE	NOTES
08-17-19	PARTY PARTY
08-17-19	MAILED

GRAPHIC SCALE  
SCALE: 1/4" = 1'-0"

## FOUNDATION PLAN



I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF CALIFORNIA.







## Transaction Receipt - Success

Howard County Office of the Health Officer  
Environmental Health  
MID:200002420198  
7178 Columbia Gateway Drive  
Columbia , MD 21046  
410-313-6300

---

05/24/2019 01:42PM  
Remittance ID  
Environ052419134132300Mar  
Transaction ID:  
224705445

---

ALLEN, SCOTT  
United States  
MasterCard - 4774  
Approval Code: 007409

---

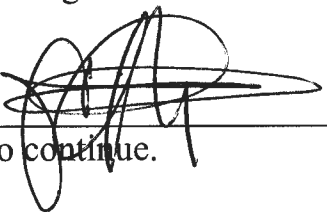
Sale  
Amount: \$506.00

---

Well and Septic Program  
Perc Application Fee

---

Cardmember acknowledges  
receipt of goods and/or  
services in the amount of  
the total shown hereon and  
agrees to perform the  
obligations set forth by the  
cardmember's agreement with  
the issuer.

Signature   
click here to continue.

---