



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. **B17004214**

Building Address: 11559 Line Run RD
 City: Fulton State: MD Zip Code: 20725
 Suite/Apt. #: _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: 1110
 Section: _____ Area: _____ Lot: _____
 Tax Map: 0046 Parcel: 0183 Grid: 0001
 Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: SFD
 Proposed Use: Residential
 Estimated Construction Cost: \$ 6057.92
 Description of Work: Removal of two
Suburban Propane tank and
installation of 2 1/2 line.

Occupant or Tenant: _____
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Property Owner's Name: John Smith / Kay Koppelt
 Address: 11559 Line Run RD
 City: Fulton State: MD Zip Code: 20725
 Phone: _____ Fax: _____
 Email: _____

Applicant's Name & Mailing Address, (if other than stated herein)
 Applicant's Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Contractor Company: Suburban Propane
 Contact Person: Blair Stubb
 Address: 31 Perwood CT
 City: Rockville State: MD Zip Code: 20850
 License No: FD 67
 Phone: 301-251-0000 Fax: 301-251-8137
 Email: _____

Engineer/Architect Company: _____
 Responsible Design Prof.: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Commercial Building Characteristics	Residential Building Characteristics
Height: _____	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse
No. of stories: _____	Depth _____ Width _____
Gross area, sq. ft./floor: _____	1 st floor: _____ 2 nd floor: _____
Area of construction (sq. ft.): _____	Basement: _____
Use group: _____	<input type="checkbox"/> Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl Space <input type="checkbox"/> Slab on Grade
Construction type: _____	No. of Bedrooms: _____
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Multi-family Dwelling
<input type="checkbox"/> Structural Steel	No. of efficiency units: _____
<input type="checkbox"/> Masonry	No. of 1 BR units: _____
<input type="checkbox"/> Wood Frame	No. of 2 BR units: _____
<input type="checkbox"/> State Certified Modular	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	
<u>Water Supply</u>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
<u>Sewage Disposal</u>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<u>Heating System</u>	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other	
<u>Sprinkler System:</u>	
<input type="checkbox"/> Yes <input 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 THERE TO; (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: [Signature] Print Name: Blair Stubb
 Email Address: BSTUBB5@SUBURBANPROPANE.COM Date: 11/27/17
 Title/Company: CSC Manager Suburban Propane Mail

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	<u>12/13/17</u>	<u>[Signature]</u>

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	\$	
Permit Fee	\$	<u>100</u>
Tech Fee	\$	<u>10</u>
Excise Tax	\$	
PSIS	\$	
Guaranty Fund	\$	
Add'l per Fee	\$	
Total Fees	\$	<u>110.00</u>
Sub-Total Paid	\$	
Balance Due	\$	
Check	#	<u>110.00</u>

REVISED

Date: 12/7/17

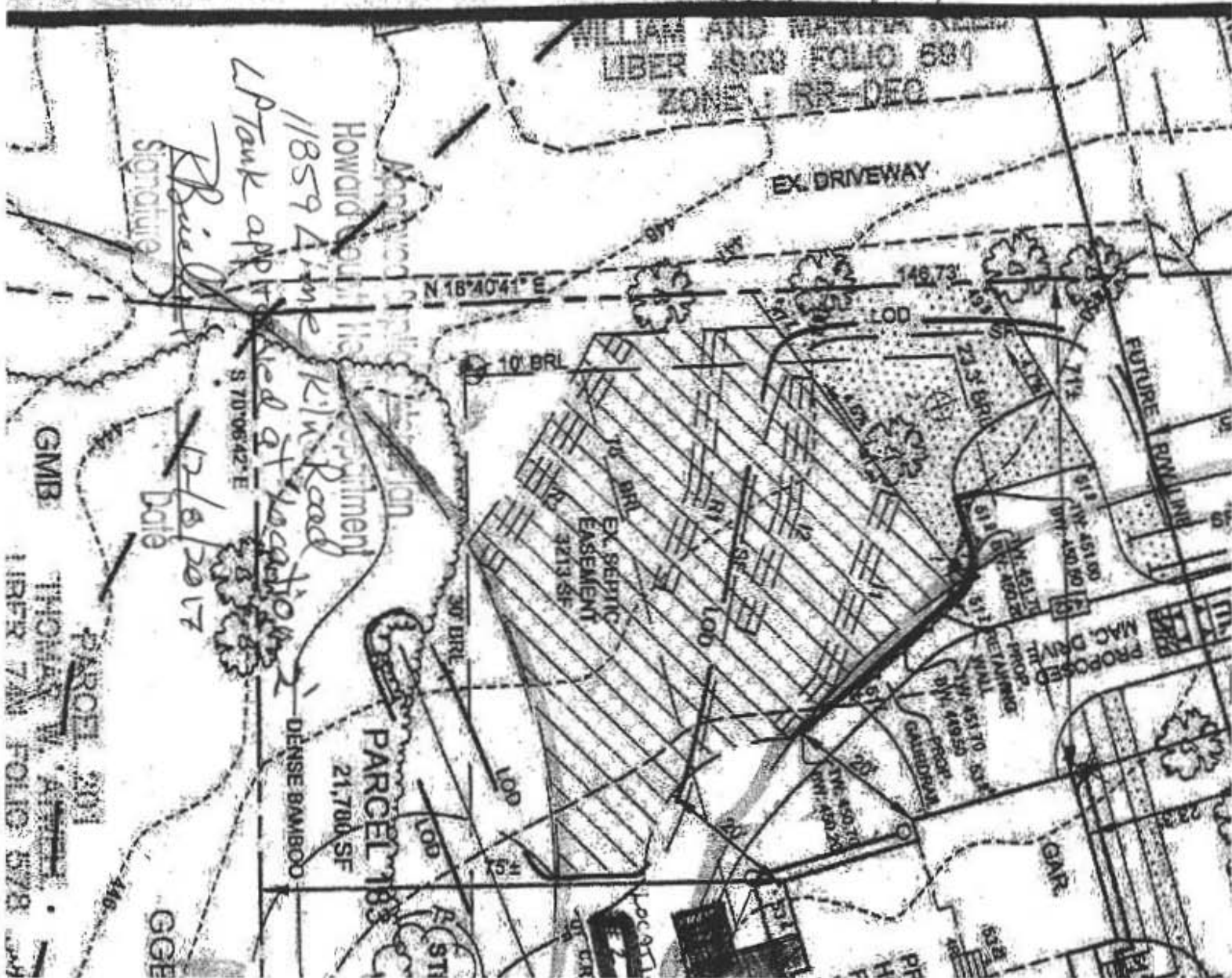
Comments: R17004214

Tank location
per Health Dept.

Approved Septic System Plan
Howard County, Health Department
11859 Lime Kiln Road
LP tank approved at 'Location 2'

R. Buisley 12/8/2017
Signature Date

R17004214



**COMPLETE THIS FORM WHEN DROPPING OFF ANY
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 12-7-2017
To: PERMIT DIVISION "FOR PROPANE TANK"
(Person's Name and Division)
From: STEPHEN FORNEY (410) 977-1328
(Your Name, Company Name and Telephone Number)
Subject: Project name SINGH RESIDENCE
Project site address 11859 Lime Hill Rd.
Permit # B17004214 SDP # N/A
Other information pertinent to this project _____

Please check the attachments below that you are submitting with this transmittal:

- Letter of response to address plan review comment letter
- Revised plans and/or revised details: When submitting for a complete re-review, **duplicate sets shall be submitted.**
- Letter Summarizing Changes
- Energy conservation calculations
- Copies of Plot Plan (be specific). SHOWING PROPANE TANK LOCATION
 Health Department Request _____ DPZ/DED Request _____ Applicant's Request
- Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # _____
- Other _____

Contact Person Information: (Required)

STEPHEN FORNEY
Please Print Name

Telephone No: 410-977-1328

E-Mail Address: hrbuilder@comcast.net

PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.

Received by [Signature]

cc: Health
DPZ
DED

DILP 2017 DEC 7 09:01:31

HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELLCOTT CITY, MD 21043

Residential Addition Single Family Dwelling Permit

PERMIT NUMBER: B16000812

APPLICATION DATE: 3/3/2016

ISSUE DATE: 8/18/2016

SITE ADDRESS:

11954 QUEEN ST
FULTON, MD 20759

PROPERTY OWNER INFO:

SUBER GREGORY AND SANDRA
11954 QUEEN ST
FULTON, MD 20759
Phone #: 301-490-8905

Subdivision:

Lot No.: 8 **Tax Map:** 41 **Grid:** 41-13
ADC Map: 5052-B5 **SDP No.:** **Zoning:** RR-DEO **Census Tract:** 605102

DESCRIPTION OF WORK:

SFD/ 2-STORY ADDITION, FULL BSMT, 5R, 4FB, (3BR), ENERGY CODE PRESCRIPTIVE METHOD

PRIMARY CONTRACTOR INFO:

Contractor License No.: 0

License Address: HOME OWNER
GREG SUBER
11954 QUEEN ST
Phone #: FULTON, MD 20759
301-490-8905

PRIMARY CONTACT INFO:

Contact Type: CONTACT
AE2 DESIGN ENGINEERING LLC

POST OFFICE BOX 1481
WESTMINSTER, MD 21157
Phone #: 443-398-5140

Building/Lot Characteristics

Legal Description: IMPSLOT 8 5.3673 A[]11954 QUEEN ST[]MALCOLM PROP RSB LTS 1-3
Existing Use: Other - See Description of Work **Water Supply:** Private
Height: **Sewage Disposal:** Private
Basement:
SF # of Bedrooms: 3
SF # of Full Baths: 4
SF # of Half Baths:

Zoning Setback Requirements:

Front -	Proposed: n/a	Required: 35
Rear -	Proposed: n/a	Required: 60
Side -	Proposed: n/a	Required: 30
Side Street -	Proposed: n/a	Required: n/a

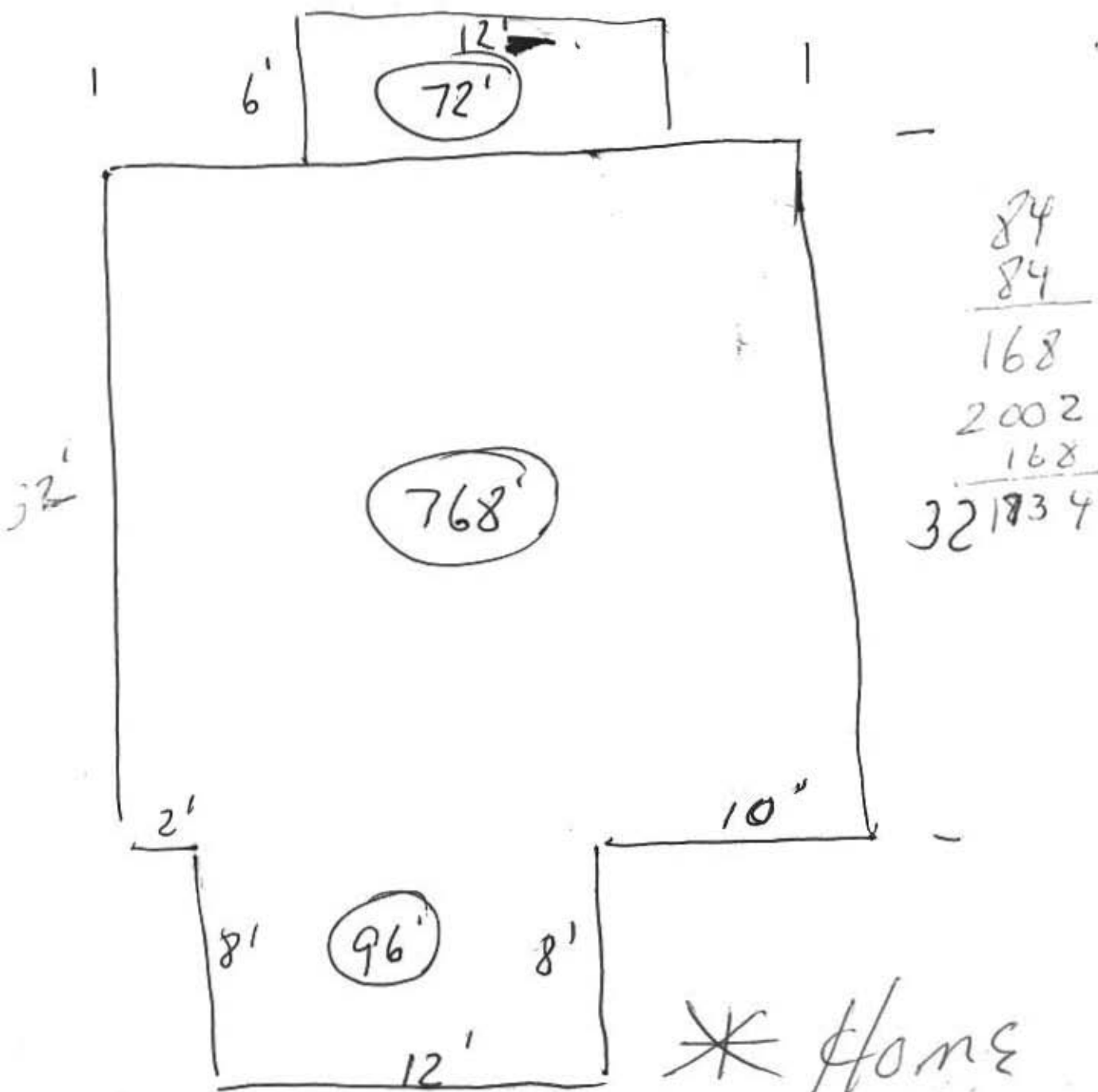
Permit Fees:

Total Fees Invoiced:	\$7,706.64
Total Fees Paid:	\$7,706.64
Balance Due:	\$0.00

Meets Minimum Required Setbacks?: Yes **Lot Coverage for NT Zoning:**

To schedule an inspection or check the results of an inspection please call (410) 313-3800

APPROVED BY THE DIRECTOR OF INSPECTIONS, LICENSES AND PERMITS - BUILDING OFFICIAL



84
 84

 168
 2002
 168

 321834

* Home
 on
 11855

Basement (768')
 1st Floor (936')
 2nd Floor (384')
 (1320')

LIME KILD
 ROAD

24

Williams, Jeffrey

From: Andrew Atwell <alt3014906579@gmail.com>
Sent: Tuesday, June 13, 2017 5:29 PM
To: Williams, Jeffrey
Subject: 11859 Lime Kiln Actual distances
Attachments: 11859 building plan colored - 9aTjO4V.png

Hello Mr. Williams,

You might remember me. I was there with Mr. Nathan Reed late winter 2016, asking questions about a new construction of a building at 11859 Lime Kiln Road.

As there are no public hearings about septic review, or deadlines on signs posted on public roads, or certified letters sent to surrounding properties about this kind of planning next door....I had to wait for an hearing before the Board of Appeals that took place yesterday evening, as the only avenue open to me outside of legal action.

As expected, they entirely passed the buck back to your department, despite an interdependence of permissions between your departments. A idea confirmed to me by one Mr. John Alcorn, who came to check up on the grading being done here some months ago. I asked him directly if the departments were tiered, and he said no, all the departments so much run as committee in these situations.

Hiding behind the classic "this is not the right department" was even more than expected last night. Even when quoting myself to the board, as when I asked you last year how I could appeal the Bureau of Environmental Health's work, their stony silence only implied I should have pursued the matter privately, meaning sue your department.

Precisely the thing I was trying to avoid, as it only costs everyone a lot of money, for no reason if it can be resolved by a simple measuring tape. All the walling off of evidence aside, The Board of Appeals was keen on was my colored in building plan however, which I will attach to this email. One board member asked if I had pictures of my measurements, I shocked, wondered how you can see the notch marks on a 82' measuring tape, said no....in addition to wondering how such a thing could possibly be my burden. All the Public Information Act attachments you sent me last year, have my well listed as "approx". Even 11859 well, is not but some 80' from the tank clean out at 11855 grandfathered in system. On both ends, in a few places, it seems as there is some 40 or more feet missing from what is required by code. Only lots that are only some 100' deep, that is a huge problem.

On the graphic: the 84' is to the silt fence, which I know is not a hard-line for the septic field, but either way I need that marked plain to the maximum radius so that this massively incompetent contractor knows where it is, so there is every last inch so that I don't end up drinking sewage. What is not on that graphic however is 82' to the test well hole (still ungraded almost 2 years later) at the southeast corner of 11855. Maybe 87' to where I saw the end of the "french drain" of the spetic field, when the soil tests were done. Combined with even the drain field being out of the septic tank being farther south than the clean out on the north side, means nearly that whole field is overrun what should be 100' for each well each. The one at 11859, and mine, PLUS the new well at 11855 at a glance not looking like a 100', as the tap would drape over the existing house, I didn't measure it....not really my job anyhow...

My direct question to you at this point: is there anything your department can do in the immediate to halt construction at 11859 Like Kiln Road, so the owner doesn't keep spending money, developing illegally?

Also in messaging you, am I messaging the highest authority there regarding this matter? If not could you please direct me to this person.

Bricker, Robert

From: Bricker, Robert
Sent: Thursday, April 06, 2017 1:29 PM
To: hrbuilder@comcast.net
Subject: 11859 Lime Kiln Road floor plan review
Attachments: Bedroom definition.pdf

STEPHEN,

I have reviewed the floor plans for the proposed new residence (B17000726) at 11859 Lime Kiln Road. The total count for rooms that fit the County Code definition [3.801(B)] of 'bedroom' is six (6). The Percolation Certification Plan for the property that was signed on January 20, 2017 has a note that states a limitation of four bedrooms unless a qualified professional can demonstrate that the approved sewage disposal area (SDA) is large enough to accommodate three drainfields for the proposed residence.

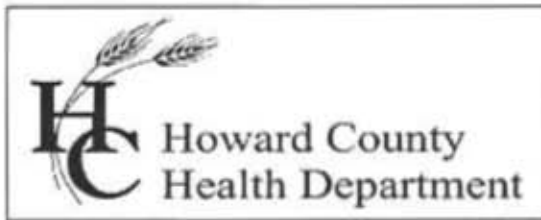
The rooms identified as 'bedrooms' include four (4) on the Second Floor, one (1) on the First Floor, and one (1) in the Basement. The 'Study' on the First Floor has a closet, a window, and direct access to a Full Bath. Similarly, the 'Home Office' in the Basement has a closet, a window, and direct access to a Full Bath.

I am including an attachment with this message that is the definition in County Code. The Health Department may consider approval of this proposal when this issue is resolved. Please be advised that the septic system installation plan is still in review. If you have questions regarding these comments you may contact me by 'Reply' or by telephone. Respectfully,

ROBERT BRICKER, REHS/R.S., L.E.H.S.
ENVIRONMENTAL SANITARIAN II
BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
8930 STANFORD BLVD., COLUMBIA, MD 21045

Phone: Desk, 410-313-2691; Program, 410-313-1771; Bureau, 410-313-1774
Fax: 410-313-2648

E-mail: rbricker@howardcountymd.gov



Bureau of Environmental Health

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

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

Date: April 6, 2017

To: Stephen Forney, Greenleaf Builders LLC, Applicant
hrbuilder@comcast.net

From: Robert Bricker, REHS/R.S., L.E.H.S.
Environmental Sanitarian II, Well and Septic Program

RE: **B17000726, Plot Plan revision required**

Dear Mr. Forney,

Building Permit proposal B17000726 for construction of a new residence at 11859 Lime Kiln Road is 'On Hold' by the Health Department. One of the primary issues of concern is the content of the Plot Plan. A revision of the Plot Plan must be submitted to the Department of Inspections, Licenses, and Permits (DILP) for multi-agency review.

1. The sewage disposal area (SDA) must be illustrated in the same location and configuration as approved on the most recently signed Percolation Certification Plan (1/20/2017; Shanaberger & Lane).
2. The location for the infiltration basin of the microbioretention facility must be revised.
 - a. As illustrated on the Simplified Environmental Concept Plan submitted as the 'Plot Plan', the infiltration basin encroaches on the 100-foot setback to the well at 8020 Hunterbrook Lane.
 - b. The infiltration basin also encroaches slightly on the 25-foot setback to the SDA that is to serve the new residence.
 - c. The point of discharge for the microbioretention facility must be at least 25 feet from the SDA.
3. The illustration on the Plot Plan delivered with the permit at the Health Department was not measurable at the scale indicated on the plan. Plot Plans submitted for permit approval must be presented at a measurable scale.



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

MEMORANDUM

TO: *Greenleaf Builders LLC, c/o Stephen Forney*

FROM: *Robert Bricker, REHS/RS, L.E.H.S.*
Well & Septic Program

RE: *11859 Lime Kiln Road*, Potential Basement Bedroom

DATE: May 24, 2017

I have reviewed the floor plans in support of Building Permit **B17000726** for a new home at **11859 Lime Kiln Road** and noted that there is a rough-in for a full bathroom in the unfinished basement. Please note that this makes it very likely for one or more rooms to be considered bedrooms upon conversion of the basement to finished living space. As this lot is limited to a **four** bedroom per limitation, any future building permit for converting all or a portion of the basement into finished living space may be denied by the Health Department if the total number of proposed bedrooms in the dwelling is above four.

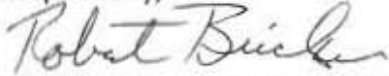
For reference, the following is the bedroom definition in Howard County Code Section 3.801(b):

- (1) Except as provided in paragraph (2) of this subsection, a bedroom is any space in the conditioned area of a dwelling unit or accessory structure that:
 - (i) Is 90 square feet or greater in size;
 - (ii) May be used as a private sleeping area; and
 - (iii) Has at least one window and one interior door.
- (2) If a home office, library, or similar room is proposed, it may not be a bedroom if there is no closet; and
 - (i) The room contains permanently built-in bookcases around the perimeter of the room, desks, and other features that encumber the room;
 - (ii) A minimum 4 foot-wide opening, without doors, into another room;
 - (iii) A half wall (4 foot maximum height) between the room and another room; or
 - (iv) The room is a first floor room or basement area that does not have direct access to full bathrooms or "roughed in" plumbing that would provide direct access to future full bathroom facilities.

Revisions of the floor plan and the septic system installation plan will also be required. I have completed review of the Floor Plan and will describe those issues in a separate transmission. Review of the septic system installation plan is not complete at this time.

Should you have questions regarding these requirements, you may 'Reply' to my email or call me at the Bureau of Environmental Health, 410-313-2691.

Respectfully,



Robert Bricker, REHS/RS, L.E.H.S.

Environmental Sanitarian II

Bureau of Environmental Health, Well and Septic Program

RB

Copy: Chad Edmundson, Development Engineering Division
Paul Sill, Sill Engineering
file



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.: B17000726

Building Address: 11859 Lime Kiln Road
 City: _____ State: MD Zip Code: 20759
 Suite/Apt. # _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: _____
 Section: _____ Area: 11750 Lot: 100
 Tax Map: _____ Parcel: _____ Grid: _____
 Zoning: _____ Map Coordinates: _____ Lot Size: 11750

Existing Use: _____
 Proposed Use: _____
 Estimated Construction Cost: \$ _____
 Description of Work: _____

 Occupant/Tenant Name: _____
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Property Owner's Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Applicant's Name & Mailing Address, (if other than stated herein)
 Applicant's Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Contractor Company: _____
 Contact Person: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 License No.: _____
 Phone: _____ Fax: _____
 Email: _____

Engineer/Architect Company: _____
 Responsible Design Prof.: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1 st floor: _____	_____
	2 nd floor: _____	_____
Area of construction (sq. ft.):	Basement: _____	
	<input type="checkbox"/> Finished Basement	
Use group:	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
Construction type:	<input type="checkbox"/> Slab on Grade	
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➤ Roadside Tree Project Permit	Footings: _____	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Roof: _____	
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Utilities	
Electric:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input type="checkbox"/> Private	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other: _____	
Sprinkler System:	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
Grading Permit Number: _____	
Building Shell Permit Number: _____	

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Applicant's Signature

Email Address

Title/Company

Print Name

Date

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		<u>5/25/17 R. Buehler</u>

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	\$	<u>100.00</u>
Permit Fee	\$	
Tech Fee	\$	
Excise Tax	\$	
PSFS	\$	
Guaranty Fund	\$	
Add'l per Fee	\$	
Total Fees	\$	
Sub- Total Paid	\$	
Balance Due	\$	
Check	#	

Distribution of Copies: White: Building Officials Green: PSZA,Zoning Yellow: PSZA,Engineering Pink: Health Gold: SHA

**COMPLETE THIS FORM WHEN DROPPING OFF ANY
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 5-23-2017
To: DILP/Health
(Person's Name and Division)
From: STEPHEN FORNEY (410) 977-1328
(Your Name, Company Name and Telephone Number)
Subject: Project name SWAN RESIDENCE
Project site address 11859 LIME KILN Rd
Permit # B-17000726 SDP # _____
Other information pertinent to this project _____

RECEIVED

Please check the attachments below that you are submitting with this transmittal:

MAY 23 2017

- Letter of response to address plan review comment letter
- Revised plans and/or revised details: When submitting for a complete re-review, **duplicate sets shall be submitted.**
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- Energy conservation calculations
- Copies of 3 PLOT PLANS (be specific). HAD TO ADD SEPTIC TANKS
- Health Department Request DPZ/ DED Request Applicant's Request
- Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # _____
- Other _____

LICENSES & PERMITS
DIVISION

Contact Person Information: (Required)

STEPHEN F. FORNEY
Please Print Name

Telephone No: 410-977-1328

E-Mail Address: hrbuilder@comcast.net

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Received by Ch

**COMPLETE THIS FORM WHEN DROPPING OFF ANY
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 5-8-2017

To: DAN S. PLAN REVIEW
(Person's Name and Division)

From: GREEN LEAF BUILDERS LLC (410) 977-1328
(Your Name, Company Name and Telephone Number)

Subject: Project name SINGH RESIDENCE

Project site address 11859 LINE KILN RD. EUNTON, MD. 21

Permit # B-17000726 SDP # N/A

Other information pertinent to this project _____

RECEIVED
MAY 08 2017
PLAN REVIEW DIVISION

Please check the attachments below that you are submitting with this transmittal:

- Letter of response to address plan review comment letter
- Revised plans and/or revised details: When submitting for a complete re-review, duplicate sets shall be submitted
- Letter Summarizing Changes
- Energy conservation calculations
- Copies of _____ (be specific).
- Health Department Request DPZ/ DED Request Applicant's Request
- Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # _____
- Other _____

Revised First Floor

Contact Person Information: (Required)

STEPHEN FORNEY
Please Print Name

Telephone No: 410-977-1328
E-Mail Address: hrbuilder@comcast.net

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Received by *mf*

Revisions

Bricker, Robert

From: Bricker, Robert
Sent: Tuesday, December 05, 2017 4:47 PM
To: 'BStubbs@SuburbanPropane.com'
Cc: hrbuilder@comcast.net
Subject: 11859 Lime Kiln Road_B17004214

Dear Mr Stubbs,

I have assigned a status of 'On Hold' for the proposed LP tank installation at 11859 Lime Kiln Road (B17004214). Be advised that the Health Department has evidence that the well on the neighboring parcel (Parcel 201) was not accurately located. As a result, the location in which you propose the LP tank is only about 95 feet from the well on Parcel 201, and the well is also downhill from the proposed LP tank location.

A revision of the Plot Plan is required. As the proposed LP tank is downhill from the well location at 11859 Lime Kiln Road, a General Waiver may be applied to allow the LP tank to be within 100 feet, but not less than 50 feet, from that well.

ROBERT BRICKER, REHS/R.S., L.E.H.S.
ENVIRONMENTAL SANITARIAN II
BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
8930 STANFORD BLVD., COLUMBIA, MD 21045

Phone: Desk, 410-313-2691; Program, 410-313-1771; Bureau, 410-313-1774
Fax: 410-313-2648

E-mail: rbricker@howardcountymd.gov

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Building Permit Application

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

DILP 2017 NEW 23 PM 12:12

Date Received: _____

Permit No: **B17004214**

Building Address: **11559 Line Run RD**
 City: **Fulton** State: **MD** Zip Code: **20725**
 Suite/Apt. #: _____ SDP/NP/BA #: _____
 Census Tract: _____ Subdivision: **0000**
 Section: _____ Area: _____ Lot: _____
 Tax Map: **0046** Parcel: **0183** Grid: **0001**
 Zoning: _____ Map Coordinates: _____ Lot Size: _____

Property Owner's Name: **2034 Forest Dr**
 Address: **2034 Forest Dr**
 City: **Clinton** State: **MD** Zip Code: **21115**
 Phone: _____ Fax: _____
 Email: _____

Existing Use: **SFD**
 Proposed Use: **Residential**
 Estimated Construction Cost: **\$6057.92**
 Description of Work: **Burial of two**
balloons propane tank and
installation of gas line.
 Occupant or Tenant: _____
 Was tenant space previously occupied? Yes No
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Applicant's Name & Mailing Address, (if other than stated herein)
 Applicant's Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Contractor Company: **Suburban Propane**
 Contact Person: **Brent Stubbs**
 Address: **21 DeWood Cr**
 City: **Adelphi** State: **MD** Zip Code: **20850**
 License No.: **18063**
 Phone: **301-251-0000** Fax: **301-251-8131**
 Email: _____

Engineer/Architect Company: _____
 Responsible Design Prof.: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: _____ Fax: _____
 Email: _____

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1 st floor:	2 nd floor:
Area of construction (sq. ft.):	Basement:	
Use group:	<input type="checkbox"/> Finished Basement	
	<input 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:	
<input type="checkbox"/> Structural Steel	Multi-family Dwelling	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input 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	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input 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 THERE TO; (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: **[Signature]** Print Name: **Brent Stubbs**
 Email Address: **BSTUBBS@SUBURBANPROPANE.COM** Date: **11/27/17**
 Title/Company: **CSC Manager Suburban Propane** **Mail**

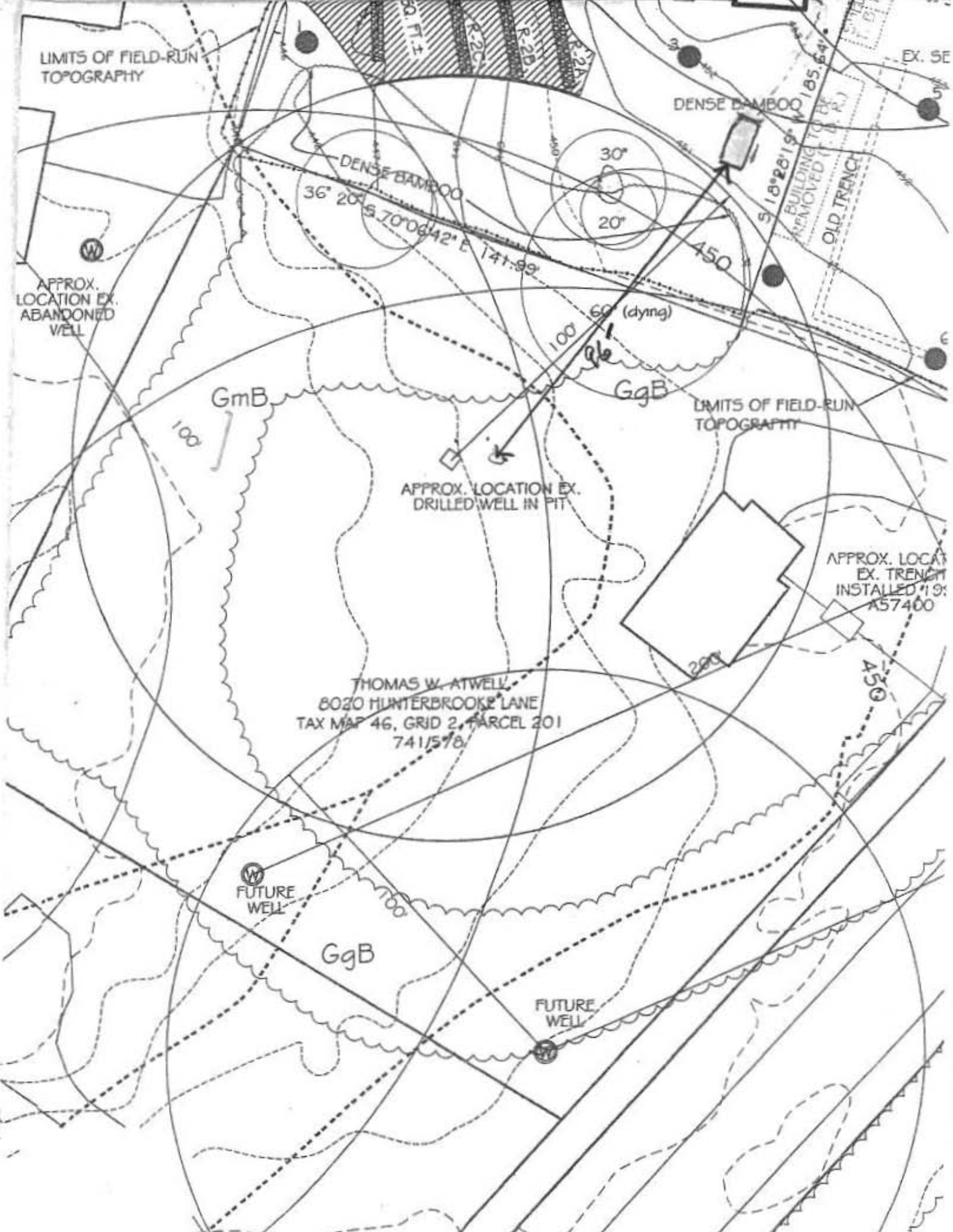
Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health		

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	\$	
Permit Fee	\$	100.00
Tech Fee	\$	10
Excise Tax	\$	
PSFS	\$	
Guaranty Fund	\$	
Add'l per Fee	\$	
Total Fees	\$	110.00
Sub-Total Paid	\$	
Balance Due	\$	
Check	#	M-O.



LIME KILN ROAD

EX. LOCATION TRENCHES TALLED 1988 P33832

EX. HOUSE TO BE REMOVED. EX. WELL MAY BE IN HOUSE AND 15 REQUIRED TO BE SEALED AND ABANDONED

EX. HSE #11859 P183

CONSTRUCTION ENVELOPE

SHED T.D.R.

3,107.50 FT ±

Wall in S. Top DENSE BAMBOO

DENSE BAMBOO

DENSE BAMBOO

BUILDING TO BE REMOVED TO OLD TRENCH

EX. SEPTIC TANK

EX. PIT WELL SEALED

EX. HSE #11855

EX. WELL HO-15-0179 GgA

APPROX. LOCATION EX. WELL

APPROX. LOCATION EX. SEPTIC TANK P44607

GROUP FIVE PARTNERSHIP 11851 LIME KILN ROAD (TAX MAP 46, GRID 1, PARCEL 225 2200612

APPROX. LOCATION EX. DRILLED WELL IN PIT

GmB

72 - Devolt GgB
835 yd Nikan GgB

74 Street

72 Cemetery

OHL

PROP. WELL

ALT. WELL

50 BRL

10' BRL

20'

10' BRL

10' BRL

10' BRL

450.4

60' BRL

6

5

3

2

50

50

50

50

50

50

50

50

50





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](https://twitter.com/HowardCoHealthDep)

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

MEMORANDUM

TO: Geoff Goins
Division of Zoning Administration and Public Service

FROM: Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health

RE: **BA-16-032V, 11859 Lime Kiln Road**

DATE: November 28, 2016

The Health Department has reviewed the above referenced petition and has the following comments:

- The proposed structure as shown on the variance exhibit may not be approvable by the Health Department. The sewage disposal area as shown on the exhibit does not match the most recently approved perc certification plan. It has been reduced in size to accommodate the proposed structure and it is not clear whether Health will be able to approve that reduction.

requirements to retain any trees as there would be in a subdivision or new development. That is out of my area of enforcement.

>

> They demonstrated on the perc cert how a drainfield for a 4 bedroom house could fit within the sewage disposal area. If they try to build a house with more bedrooms, they would have to prove that the area is big enough for an initial and one replacement system.

>

> I've included a copy of a public information act request form if you would like a copy of the perc certification plan. We don't have a printer to give you a paper copy, but if you indicate on the request, we could email a scanned version.

>

> -----Original Message-----

> From: Andrew [mailto:alt3014906579@gmail.com]

> Sent: Tuesday, June 07, 2016 3:14 PM

> To: Williams, Jeffrey

> Subject: Re: Possible Drain Field Conflict

>

> Ah, through and prompt, thank you. Some natural questions remain for me though. Could the topography assessment be inaccurate? Could a reassessment, if in conflict, now stop the western lot from further development? Of course the necessary cuteness: time tables, possible cut-offs to submit objection, or so forth would be appreciated.

>

> Most importantly, what is the planned drain field plan as of now? My Primary concern is the tress. A number of very large, old ones, that I have been familiar with all my life. Needless to say the natural injustice of senior living thing dying because it can't move, for a human being that can, bristles with anyone's sense of fairness. Saying that, I wonder if said tress are even on the submitted plan. What would the limitation be on construction on the western lot, base on size disposal area via number of bedrooms/square footage?

>

> Failing any of these: dates. Dates of any kind, to schedule this disturbance. I realize if if the county has passed off it might be open-ended, then as to their discretion as when to begin these activities. Maybe needless to say, I dislike surprises, let alone any concerning my living space. Nearly every morning 'round here, anymore, I am woken by the sound of someone improving something. Not dissimilar to a more lame, much lower stakes version of the Langoilers, if you are familiar.

>

> On 6/7/2016 8:37 AM, Williams, Jeffrey wrote:

>> Hello Andrew. They did some rearranging of the plans based on an agreement with Mr. Reed, but the refusal from you. They were able to establish a smaller sewage disposal area on the parcel to the west that was only upgrade of the well on Mr. reed's property and was at least 100' from your existing well (the setback distance for a well to a sewage area when not directly upgrade). We may have discussed at the counter that we judge upgrade/downgrade based on the direction of the surface contour. So, a sewage area may be higher in elevation than a well, but the topography must run in a direction not towards the well. Otherwise, it would need to be at least 200' away and get a variance from MDE.

>>

>> They received a variance approval from MDE for a relocated well on Mr.

>> Reed's property at least 200' away from the sewage disposal area. We

>> signed a perc certification plan for the area and a well location on

>> the parcel in support of a new house construction subject to a

>> bedroom limitation based on the size of the sewage disposal area and

>> subject to relocation of Mr. Reed's well. This certification was

>> only for the parcel to the west. The plan showed the test holes dug

>> for the parcel to the east, but stipulated that the area was not

>> approved for expansion or addition to the structure, only repairs,

>> unless the conflict with your well location was resolved. We did

>> agree that it could be possible for them to do a renovation or a

>> tear-down/rebuild of the existing house as long as the square footage

>> and number of bedrooms remained the same and they utilized the
>> existing sewage disposal system. Let me know if you have any other
>> questions. Thanks

>>

>> Jeff Williams

>> Program Supervisor, Well & Septic Program Bureau of Environmental

>> Health Howard County Health Dept.

>> 410-313-4261

>> jewilliams@howardcountymd.gov

>>

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>>

>>

>>

>>

>> -----Original Message-----

>> From: Andrew [mailto:alt3014906579@gmail.com]

>> Sent: Monday, June 06, 2016 4:54 PM

>> To: Williams, Jeffrey

>> Subject: Possible Drain Field Conflict

>>

>> Hello Mr. Williams,

>>

>> I wonder if you might remember me. I came into the office there couple months ago with a neighbor Mr. Nathan Reed, to ask some questions regarding a new neighbor, Mr. Singh, trying to build another house on the lot next to mine, adjacent to 11855 Lime Kiln Road, here in Fulton.

>>

>> It seems in the time in between then and now, Mr. Reed has made a separate deal with The new neighbor Mr. Singh, to drill him a well. A little more than a week ago, two were drilled by Harr Company, on both properties. If you recall the details of our discussion at the time, it seemed Mr. Singh would need both Mr. Reed and I to have new wells to proceed with building on this lot west of 11855. Naturally I wouldn't be contacting you now, if I had agreed.

>>

>> My only question now is: what changed?. I imagine these parties would have had to submit a new plan to begin all these new activities. I imagine I have a right to know what they are. I apologize in advance if this is not your department, and would only ask that you direct me to the appropriate one. Through you was last contact I had with this office, of which I found very informative. At the time you gave both of us your card.

>>

>>

>>

Bricker, Robert

From: Bricker, Robert
Sent: Friday, March 24, 2017 4:36 PM
To: hrbuilder@comcast.net
Cc: Williams, Jeffrey
Subject: 11859 Lime Kiln Road_B17000726-floor plan

Stephen,

I just noticed that we do not have a floor plan for the proposed construction (B17000726) at 11859 Lime Kiln Road. Please submit a copy of the floor plan to the Bureau of Environmental Health for review. If you submit by email please 'REPLY To ALL'.

ROBERT BRICKER, REHS/R.S., L.E.H.S.
ENVIRONMENTAL SANITARIAN II
BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
8930 STANFORD BLVD., COLUMBIA, MD 21045

Phone: Desk, 410-313-2691; Program, 410-313-1771; Bureau, 410-313-1774
Fax: 410-313-2648

E-mail: rbricker@howardcountymd.gov

- Plot Plan
- not at stated scale, but distances labeled
 - micro bio retention basin encroaches on 100-foot setback to well that serves 8020 Hunterbrook Lane
 - SD & does not match most recent percent (signed 1/20/2017)

- Floor Plan
- Home Office in basement fits bedroom def.
 - Study on ~~First~~ Floor fits bedroom def.

Bricker, Robert

From: Bricker, Robert
Sent: Friday, May 19, 2017 11:58 AM
To: hrbuilder@comcast.net
Cc: paul@sillengineering.com; Williams, Jeffrey
Subject: FW: Lime Kiln
Attachments: 11859 Lime Kiln_tanks locations.pdf

Stephen,

I cannot approve the revision of the Plot Plan that was submitted this morning as there are not any locations illustrated on it.

ALSO, the statement on the submitted revision that says Health required the removal of the wall and turn-around is false.

My comment was that I could not approve that proposal because the wall encroached on the location of the pre-treatment tank.

Robert Bricker, REHS/RS, L.E.H.S.

From: Bricker, Robert
Sent: Tuesday, May 16, 2017 9:50 AM
To: 'Paul Sill'
Subject: RE: Lime Kiln

Paul, Because the previously submitted revision had a retaining wall and a larger area of asphalt than this proposal, this revision will also have to be submitted to DILP with a Transmittal Sheet for Health Dept and for DED. The '450' grade line appears to form an area for potential ponding over the beginning of trench '11'. I am attaching a photocopy of the BAT Plan showing the proposed tanks' locations.

Robert Bricker, REHS/RS, L.E.H.S.

From: Paul Sill [<mailto:paul@sillengineering.com>]
Sent: Monday, May 15, 2017 3:48 PM
To: Bricker, Robert
Subject: FW: Lime Kiln

Hey Robert,

Is this what you are looking for to keep Steven Forney's project moving along? If it is, I'll get hard copies to you. Just let me know.

Thanks,
Paul

From: Rossmery Alva
Sent: Monday, May 15, 2017 3:44 PM
To: Paul Sill <paul@sillengineering.com>
Subject: Lime Kiln

GgB

C.I.L.L. LLC
11835 SCAGGSVILLE ROAD
TAX MAP 41, GRID 19, PARCEL 486
5311/125

SURJIT SINGH AND
KAMALJIT KAUR
11859 LIME KILN ROAD
TAX MAP 46, GRID 1, PARCEL 183
15902/152

EX. HOUSE TO BE
REMOVED. EX. WELL
MAY BE IN HOUSE AND
IS REQUIRED TO BE
SEALED AND
ABANDONED

SURJI
KAN
11855

LIME KILN ROAD

APPROX. LOCATION
EX. TRENCHES
INSTALLED 1988
P33832

1500 GAL
MATED GASE
TANK

EX. WELL
HO-15-0243

ALT.
WELL

EX. HSE
#11859
T.B.R.

SHED
T.B.R.

EX. HSE
#11855

EX. PIT WELL
SEALED

EX. SEPTIC TANK

DENSE BAMBOO

DENSE BAMBOO

BUILDING TO BE
REMOVED (L.R. &
OLD TRENCH

AGE DISPOSAL SYSTEM
SITE PLAN
859 LIME KILN ROAD
ELECTION DISTRICT
HOWARD COUNTY
SCALE 1 IN = 30 FT
dated December 14th, 2018

GgB

GRC
1.1
T.

Bricker, Robert

From: Bricker, Robert
Sent: Thursday, May 18, 2017 8:52 AM
To: 'COMCAST'
Subject: RE: 11859 Lime Kiln Road_revisions status

Stephen,
Paul sent a proposed Plot Plan revision and I commented. He said he would touch base with you. That was Tuesday morning.
Robert Bricker

From: COMCAST [<mailto:hrbuilder@comcast.net>]
Sent: Wednesday, May 17, 2017 9:34 AM
To: Bricker, Robert
Cc: Stephen F. Forney
Subject: Re: 11859 Lime Kiln Road_revisions status

Mr. Professor Sill Engineering / said they sent something over to you is that what you're looking for? If it is in that satisfies you can you sign off on the building permit and when EarnSt engineering comes home from vacation on the 22nd or 23rd of this month I'll have him make the corrections you're looking for. Thank you, Stephen Forney.

Sent from my iPhone

On May 10, 2017, at 1:48 PM, COMCAST <hrbuilder@comcast.net> wrote:

Mr Bricker, is it possible to sign off on the building permit now and allow us to revise the drawing the way we need it to be before we install the Septic system . Mr EarnSt is in Alaska until the 22 of May. You control the Septic permits . If you could do this it would be greatly appreciated.
Thank you Steven Forney.
Sent from my iPhone

On May 10, 2017, at 12:51 PM, Paul Sill <paul@sillengineering.com> wrote:

Hey Steven,
All I have is a pdf or paper copies of the BAT plan. It would take a lot of effort for us to make this change, and I can't revise the other engineer's plan without sealing it, which I can't do since I didn't design it. We can send our files to him, but I think that's all we can do, without redesigning the BAT Plan to be from us.
Thanks,
Paul

From: COMCAST [<mailto:hrbuilder@comcast.net>]
Sent: Wednesday, May 10, 2017 11:37 AM
To: Paul Sill <paul@sillengineering.com>
Cc: Rossmery Alva <Rossmery@sillengineering.com>
Subject: Fwd: 11859 Lime Kiln Road_revisions status

ENVIRONMENTAL SANITARIAN II
BUREAU OF ENVIRONMENTAL HEALTH, WELL AND
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Phone: Desk, 410-313-2691; Program, 410-313-1771;
Bureau, 410-313-1774
Fax: 410-313-2648

E-mail: rbricker@howardcountymd.gov

Bricker, Robert

From: Bricker, Robert
Sent: Wednesday, May 10, 2017 2:40 PM
To: 'Paul Sill'
Subject: RE: FW: 11859 Lime Kiln Road_revisions status

I understand –completely.

From: Paul Sill [mailto:paul@sillengineering.com]
Sent: Wednesday, May 10, 2017 2:38 PM
To: Bricker, Robert
Subject: Re: FW: 11859 Lime Kiln Road_revisions status

Thanks, Robert. A lot of hands in this pot. We'll see what Steven wants to do.

Sent from the droid I was looking for...

From: Bricker, Robert <RBricker@howardcountymd.gov>
Sent: Wednesday, May 10, 2017 2:33:10 PM
To: Paul Sill
Subject: FW: 11859 Lime Kiln Road_revisions status

Paul,
The tanks on the BAT Plan are the HOOT 600 and a Mayer Brothers 1500-gallon Pump Chamber.
Robert Bricker

From: Bricker, Robert
Sent: Wednesday, May 10, 2017 2:29 PM
To: 'COMCAST'
Cc: paul@sillengineering.com
Subject: RE: 11859 Lime Kiln Road_revisions status

Steve,
As Mr. Ernst's plan doesn't have the latest configuration of the parking area with retaining wall. The Plot Plan will have to be revised first, then his 'red-line' revision of the BAT Plan would follow. The tanks need to be at least 5 feet from the SDA, and should be about 5 feet or so from the parking area and retaining wall.
If we get the Plot Plan correct, I may be able to get permission to approve the building permit before 'redlining' the BAT Plan.

Robert Bricker, REHS/RS, L.E.H.S.

From: COMCAST [mailto:hrbuilder@comcast.net]
Sent: Wednesday, May 10, 2017 1:49 PM
To: Bricker, Robert
Cc: Stephen F. Forney
Subject: Re: 11859 Lime Kiln Road_revisions status

Mr Bricker, is it possible to sign off on the building permit now and allow us to revise the drawing the way we need it to be before we install the Septic system . Mr EarnSt is in Alaska until the 22 of May. You control the Septic permits . If you could do this it would be greatly appreciated. Thank you Steven Forney.
Sent from my iPhone

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Thanks,
Paul

From: COMCAST [<mailto:hrbuilder@comcast.net>]
Sent: Wednesday, May 10, 2017 11:37 AM
To: Paul Sill <paul@sillengineering.com>
Cc: Rossmery Alva <Rossmery@sillengineering.com>
Subject: Fwd: 11859 Lime Kiln Road_revisions status

The Septic designer is in Alaska until 5/22/2017 he said to see if you can redline the latest drawing pertaining to the retaining wall and tanks . Can you please let me know and if so when?

Sent from my iPhone

Begin forwarded message:

From: "Bricker, Robert" <RBricker@howardcountymd.gov>
Date: May 10, 2017 at 10:34:54 AM EDT
To: COMCAST <hrbuilder@comcast.net>
Subject: RE: 11859 Lime Kiln Road_revisions status

Steve,

I have received a Transmittal Form and floor plan revision from DILP. I have also received a Transmittal Form and revised Plot Plan from DILP. The revised floor plan is approvable; the revised Plot Plan is not approvable. A parking area and retaining wall have been added to the Plot Plan. The locations of these structures are in conflict with the location of the pre-treatment system tank.

A revision of the Plot Plan is required. Please have Mr. Ernst work with Paul Sill's group to move the tanks away from the parking area and retaining wall. Mr. Ernst may come to the Bureau of Environmental Health and redline the revised tank locations on the plan he developed. It would be desirable that he also bring one or two copies of the plan that he developed.

As no other structures or facilities are affected by the revised tank locations, the Plot Plan revision may be submitted directly to the Bureau, to my attention.
Robert Bricker, REHS/RS, L.E.H.S.

From: COMCAST [<mailto:hrbuilder@comcast.net>]
Sent: Tuesday, May 09, 2017 4:32 PM

To: Bricker, Robert
Subject: Re: 11859 Lime Kiln Road_revisions status

Mr. Bricker, I took another set of the revised drawings down to the Permit Counter and Dan's and Plan Review said he would have them sent down to you yesterday I guess iner office, i'll check on them to see if they sent them down.

Sent from my iPhone

On May 5, 2017, at 9:37 AM, Bricker, Robert <RBricker@howardcountymd.gov> wrote:

Steve,
DILP has posted the Plot Plan revision in the permitting software. I have not received a transmittal sheet with copy of the revised floor plan from them.

ROBERT BRICKER, REHS/R.S., L.E.H.S.
ENVIRONMENTAL SANITARIAN II
BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
8930 STANFORD BLVD., COLUMBIA, MD 21045

Phone: Desk, 410-313-2691; Program, 410-313-1771; Bureau, 410-313-1774
Fax: 410-313-2648

E-mail: rbricker@howardcountymd.gov

Bricker, Robert

From: Bricker, Robert
Sent: Wednesday, November 22, 2017 9:37 AM
To: hrbuilder@comcast.net
Subject: 112859 Lime Kiln Road_Documents outstanding
Attachments: OM agreement_revision 2 22 16.pdf

Steve,

Before we release the septic system installation permit, we need two more documents for the property file.

1. The Foundation Location Survey. We need a copy, at scale, of the original survey generated by the engineer/surveyor that includes the Top-of-Wall foundation. That you may have submitted this document to the County does not mean that we have it in our records. The installation contractor may bring the Foundation Location Survey when they come for the permit, though if the drawing is not at scale they may be making a wasted trip. As this is for the installation of an advanced pre-treatment system, the septic system installation contractor must pick up the permit.
2. We need an Operation and Maintenance Agreement to be recorded. I have attached a blank copy. The owner(s) must sign this document, then bring it to the Bureau of Environmental Health for signature by our Bureau Director. We will make a copy and then the signed document must be taken to Land Records for recordation. When we have a copy of the receipt from Land Records indicating that the O & M Agreement has been submitted for signature we can release the septic system installation permit (provided all other requirements have been met).

ROBERT BRICKER, REHS/R.S., L.E.H.S.
ENVIRONMENTAL SANITARIAN II
BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
8930 STANFORD BLVD., COLUMBIA, MD 21045

Phone: Desk, 410-313-2691; Program, 410-313-1771; Bureau, 410-313-1774
Fax: 410-313-2648

E-mail: rbricker@howardcountymd.gov

CONFIDENTIALITY NOTICE

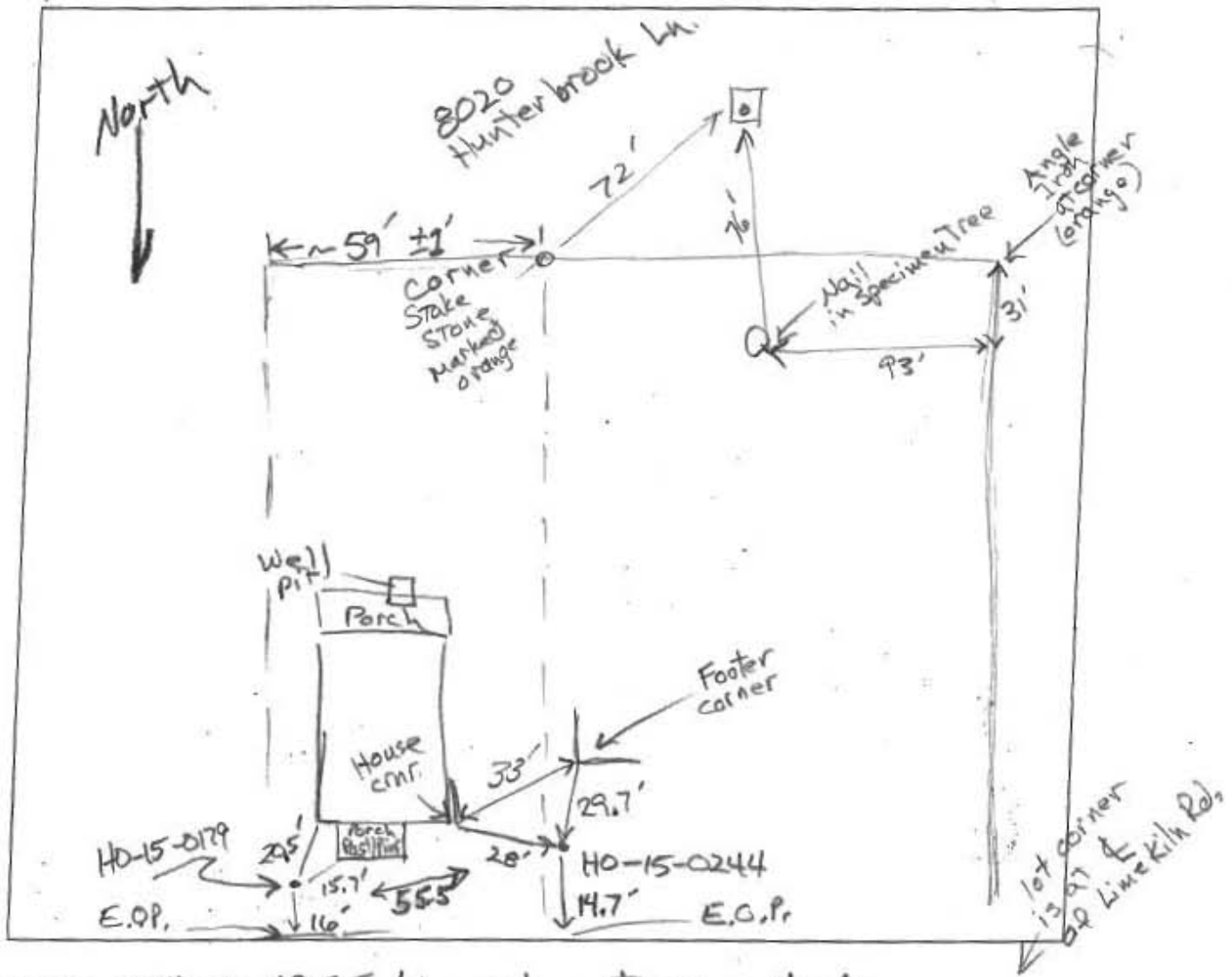
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prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

SITE INSPECTION SHEET

OWNER: Surjit Singh PHONE #: _____
 ADDRESS: 11859 Lime Kiln Road CONTRACTOR: Stephen Fornell
 WELL TAG #: Green Leaf Builders
 SUBDIVISION: Tax Map 46 Parcel 183 LOT: _____ COUNTY #: _____
 PROPOSAL: locate well at 8020 Hunterbrook Ln. in reference to 'known points' (surveyed locations). Bamboo thicket obstructs direct measurements.

LOCATION DIAGRAM



COMMENTS: well at 11855 Limekiln not connected
old well apparently not abandoned - full of water
septic tank stand pipe (cleanout) open.

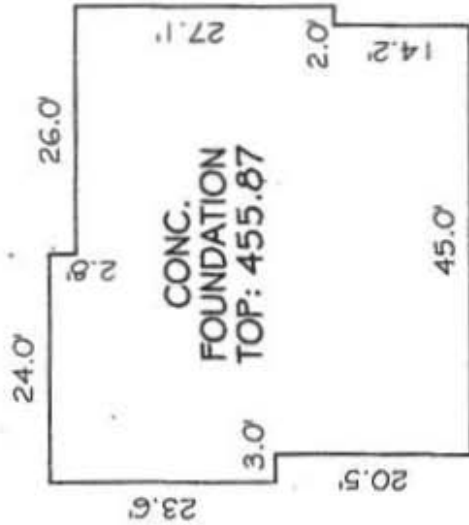
DATE: 6/22/2017 INSPECTOR: R Bricker

LIME KILN ROAD

N 85°34'46" W 145.78'



Wall
Check
OK RAE
12/1/17



FND. DETAIL
SCALE: 1"=20'

FOUNDATION LOCATION DRAWING
11859 LIME KILN RD.
TITLE DEED 15902/152
TAX MAP 46 GRID 1 PARCEL 183
5th ELECTION DIST.
HOWARD COUNTY, MD.
SCALE: 1"=40' DATE: 8/24/17

- NOTES:
1. ACCURACY OF BUILDING MEASUREMENTS: 0.1'
 2. ACCURACY OF SETBACK DIMENSIONS: 0.1'
 3. ACCURACY OF ELEVATIONS: 0.1'
 4. THE PROPERTY SHOWN HEREON LIES IN ZONE "X" AS SHOWN ON FLOOD INSURANCE RATE MAP NO. 24027C0145D DATED: 1/06/2013.
 5. BEARINGS AND DISTANCES SHOWN HEREON ARE FROM A FIELD-RUN BOUNDARY SURVEY BY SHANABERGER & LANE IN OCTOBER 2016

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATIONS OF UTILITIES, GARAGES, BUILDINGS, OR OTHER FUTURE IMPROVEMENTS. IT WAS PREPARED UNDER MY DIRECT SUPERVISION AND REVIEW IN ACCORDANCE WITH SEC. 17.06 OF THE ANNOTATED CODES OF MARYLAND.

Scott Shanaberger, PROFESSIONAL LAND SURVEYOR
LICENSE EXPIRATION DATE 4/2/2018
SHA. 66, 708449

SHANABERGER & LANE
8726 TOWN AND COUNTRY BLVD., SUITE 201
ELLICOTT CITY, MD. 21043
(410)461-9553 FAX: (410)461-9593

Williams, Jeffrey

From: Williams, Jeffrey
Sent: Thursday, June 23, 2016 8:20 AM
To: 'Andrew'
Subject: RE: Possible Drain Field Conflict

You are welcome to fill out the form, scan it, and email it back to us. We can only email the document to you as we don't have the printing capability to print the large size sheet.

I can't speak to the civil legalities between neighbors regarding trees. We can allow sewage disposal systems within 10' (5' with a waiver) of a property line. We don't have control over where tree roots may have grown.

According to the information that was provided to us, your well meets the required 100' setback from the sewage disposal area on the neighboring property. The initial sewage disposal system will be in the upper portion of the area, farther from the well and will be installed using a tank with enhanced treatment and nitrogen reduction.

I don't know if there are ways for you to challenge this development. All I can say is that our Department has established a sewage disposal area and well area for this property that meets our regulatory requirements. We have not yet seen a building permit for a new house and we will apply our regulations in our review of that when we see it.

-----Original Message-----

From: Andrew [mailto:alt3014906579@gmail.com]
Sent: Wednesday, June 22, 2016 1:34 PM
To: Williams, Jeffrey
Subject: Re: Possible Drain Field Conflict

I'll intuit that this PDF means you need hard copy by snail mail and request can't be done otherwise, which I will place in the mail today. If I have misinterpreted that, please notify me if otherwise.

On the topic of trees, if the disposal field is to the southwest, right up against the Reeds' driveway, there are two large trees, maybe ten feet apart, with three trunks completely on my side of the property line.

If we are going to buy the old adage "a tree above, means a tree below", if they have to destroy half a root system to put this field in, and it leads to the death of the trees, we could have a problem.

Secondly, way down the line, and least reasonable is, if my well fouls who is culpable then? I imagine the county, being it has passed off on it. So all ill health effects or damages sought legally, and at minimum the county drilling a me a new well? Is there any precedence for such?

Thirdly, as far as your department are concerned, they have the all clear to start building there? And I, at present have no recourse? Not, in any way missing an opportunity to officially protest?

On 6/13/2016 8:54 AM, Williams, Jeffrey wrote:

> We require the engineer to certify the topography as being field run or field verified on the perc certification plan. The topo should be accurate and what our inspector saw in the field generally matches what is shown.

>

> The current drainfield is towards the southwest corner of the lot. I don't know where any of the trees are on the lot. We would require any trees in the sewage area to be removed during installation. We can't control whether any would be removed otherwise. As this is a single lot of record that was previously developed, I don't believe there are any zoning



MAYER BROS., INC.
Precast Concrete Products
6264 Race Rd. Elkridge, MD 21075

Letter of Satisfaction Hoot System Installation

Address of Property: 11859 Lime kiln Rd.
Fulton, md. 21029

Date of Final Inspection: 1/19/17

Installer: T + R Plumbing

Hoot Technician/Inspector: Mike Sample

I hereby certify that the Hoot system installed at the property listed above has been installed according to proper Hoot installation practices. I have also verified the startup of the system and it is in proper working order.

Sincerely,

H. Michael Sage

Name of Inspector

Mayer Bros., Inc.

PH: 410-796-1434

WBE

FX: 410-796-1438

www.mayerbrosprecast.com

SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GROUP	'K' FACTOR
GgA	GLENELG LOAM, 0 TO 3 PERCENT SLOPES	B	0.28
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	C	0.28

NOTES:
 1) SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, WEB SOIL SURVEY
 2) HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 'K' GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT.

SITE ANALYSIS DATA SHEET	
ENVIRONMENTAL AREA	SIZE OR USE
TOTAL PROJECT AREA	0.5000 ACRES ±
LIMIT OF DISTURBANCE	0.3022 ACRES ±
GREEN OPEN AREA (LAWN)	0.2144 ACRES ±
IMPERVIOUS AREA	0.0878 ACRES ±
PROPOSED SITE USES	RESIDENTIAL
WETLANDS (1)	0 SQ. FT. ±
WETLAND BUFFERS	0 SQ. FT. ±
FLOODPLAINS	0 SQ. FT. ±
FLOODPLAIN BUFFERS	0 SQ. FT. ±
EXISTING FOREST	0 SQ. FT. ±
SLOPES GREATER THAN 15% (3)	0 SQ. FT. ±
HIGHLY ERODIBLE SOILS	0 ACRES ±

NOTES:
 1. SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, WEB SOIL SURVEY
 2. HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 'K' GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT.

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- DIRECTION OF FLOW
- EXISTING TREELINE
- PROPOSED TREELINE
- SOIL BOUNDARY
- EXISTING GRAVEL
- EXISTING PAVING
- EXISTING TREE
- CRITICAL ROOT ZONE
- PROP. SEPTIC TRENCH
- EXISTING FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- SILT FENCE
- PROP. GAURDRAIL
- TREE PROTECTION FENCE

VICINITY MAP
 SCALE: 1"=2000'



OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED DISCONNECTION OF ROOFTOP RUNOFF (N-1) DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2)

1. MAINTENANCE OF AREAS RECEIVING DISCONNECTED RUNOFF IS GENERALLY NO DIFFERENT THAN THAT REQUIRED FOR OTHER LAWN OR LANDSCAPED AREAS. THE OWNER SHALL ENSURE THE AREAS RECEIVING RUNOFF ARE PROTECTED FROM FUTURE COMPACTION OR DEVELOPMENT OF IMPERVIOUS AREA. IN COMMERCIAL AREAS, FOOT TRAFFIC SHOULD BE DISCOURAGED AS WELL.

OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED BIORETENTION FACILITIES (M-6)

1. THE OWNER SHALL MAINTAIN THE PLANT MATERIAL, MULCH LAYER AND SOIL LAYER ANNUALLY. MAINTENANCE OF MULCH AND SOIL IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH OUT. ANY MULCH REPLACEMENT SHALL BE DONE IN THE SPRING. PLANT MATERIAL SHALL BE CHECKED FOR DISEASE AND INSECT INFESTATION AND MAINTENANCE WILL ADDRESS DEAD MATERIAL AND PRUNING. ACCEPTABLE REPLACEMENT PLANT MATERIAL IS LIMITED TO THE FOLLOWING: 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUME II, TABLE A.1 AND 2.
 2. THE OWNER SHALL PERFORM A PLANT INSPECTION IN THE SPRING AND IN THE FALL OF EACH YEAR. DURING THE INSPECTION, THE OWNER SHALL REMOVE DEAD OR DISEASED VEGETATION CONSIDERED BEYOND TREATMENT, REPLACE DEAD PLANT MATERIAL WITH ACCEPTABLE REPLACEMENT PLANT MATERIAL, TREAT DISEASED TREES AND SHRUBS, AND REPLACE ALL DEFICIENT STAKES AND WIRES.
 3. THE OWNER SHALL INSPECT THE MULCH EACH SPRING. THE MULCH SHALL BE REPLACED EVERY TWO TO THREE YEARS. THE PREVIOUS MULCH LAYER SHALL BE REMOVED BEFORE THE NEW LAYER IS APPLIED.
 4. THE OWNER SHALL CORRECT SOIL EROSION ON AN AS NEEDED BASIS, WITH A MINIMUM OF ONCE PER MONTH AND AFTER EACH HEAVY STORM.

GENERAL NOTES

- SUBJECT PROPERTY ZONED RR-DEO PER 10/06/13 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF PROPERTY, PARCEL 183 = 21,780 SF OR ±0.50 AC.
- THIS PROPERTY IS ADJACENT TO THE FULTON COMMUNITY.
- PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE.
- THE BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY PERFORMED BY SHANABERGER & LANE IN AUGUST, 2016.
- THE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHY SURVEY PREPARED BY SHANABERGER & LANE IN AUGUST, 2016.
- NO WETLANDS, STREAMS, OR 100 YEAR FLOODPLAIN ARE PRESENT ON THE SITE.
- PROPERTY ADDRESS: 11859 LIME KILN ROAD, FULTON, MD 20759.
- THIS SITE IS SUBJECT TO THE HO CD 8.0 A CASE # BA-16-032V, TO REDUCE THE FRONT SETBACK FROM 75 TO 23.3' AND WAS APPROVED ON JANUARY 10, 2017.
- THE EXISTING CENTERLINE SHOWN ON THIS DRAWING IS TAKEN FROM THE ACTUAL PAVING EDGE, AS IT EXISTED, AS SHOWN ON THE DATE OF THE SURVEY OF THE SUBJECT PROPERTY.
- PARKING: EXISTING PROVIDED: 2 SPACES, PROPOSED: 2 SPACES WITHIN GARAGE.
- FLOOR AREA = 2,972 SQ. FT. TOTAL; LOWER LEVEL = 1,423 SQ. FT.; UPPER LEVEL = 1,549 SQ. FT.
- BUILDING HEIGHT = 33 FT. ±.
- LIMIT OF DISTURBANCE = 13,166 SF.
- THIS DEVELOPMENT IS CONDITIONALLY EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION PER SECTION 16.1200(b)(1)(i) BECAUSE THE PROPERTY IS LESS THAN 40,000 SQUARE FEET IN SIZE AND NO FOREST EXISTS ON SITE.
- APPROVAL OF THIS SIMPLIFIED ECP PLAN DOES NOT CONSTITUTE ANY APPROVAL OF SUBSEQUENT SUBDIVISION PLANS, SITE DEVELOPMENT PLANS OR RED LINE REVISIONS TO APPROVED SDP PLANS. FOREST CONSERVATION PLANS AND GRADING OR BUILDING PERMITS: THE APPLICANT AND CONSULTANT SHOULD EXPECT ADDITIONAL AND MORE DETAILED COMMENTS THAT MAY ALTER THE SITE DESIGN, HOUSE OR STRUCTURE LOCATION, DRIVEWAY LOCATION, GRADING, TREE CLEARING AND/OR OTHER REQUIREMENTS AS THE DEVELOPMENT PLAN PROGRESSES THROUGH THE PLAN REVIEW AND/OR PERMIT APPLICATION PROCESS IN ACCORDANCE WITH THE SUBDIVISION, LAND DEVELOPMENT AND ZONING REGULATIONS AND THE FOREST CONSERVATION REQUIREMENTS.

STORMWATER MANAGEMENT NOTES & DESIGN NARRATIVE

BELOW IS A LIST TO DESCRIBE THE STORMWATER MANAGEMENT REQUIREMENTS AND ACHIEVEMENTS FOR THE SITE PER THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I AND II, AS AMENDED BY THE STORMWATER MANAGEMENT ACT OF 2007.

- ENVIRONMENTALLY SENSITIVE AREAS (STREAMS AND STEEP SLOPES) DO NOT EXIST ON-SITE IN THE AREA OF DEVELOPMENT. THE LOT IS NOT BEING MASS GRADED AND THE ONLY TREES BEING REMOVED ARE THE ONES NECESSARY FOR THE GRADING SHOWN.
- WE HAVE MAINTAINED TO THE GREATEST EXTENT PRACTICABLE THE NATURAL FLOW PATTERNS OF THE SITE BY DIRECTING STORMWATER RUNOFF TO THE STORMWATER MANAGEMENT FACILITY WITHIN THE NATURAL DRAINAGE DIVIDES.
- WE HAVE REDUCED IMPERVIOUS AREAS BY UTILIZING THE SMALLEST DRIVEWAY WIDTH ALLOWED AND BY UTILIZING PERVIOUS AREAS FOR TREATMENT AND BY POSITIONING THE BUILDING AS CLOSE TO THE STREET AS THE BRILL WILL ALLOW.
- EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN SHOWN AND HAVE BEEN INTEGRATED INTO THE DESIGN.
- A MICRO-BIORETENTION FACILITY (M-6) AND DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2) HAVE BEEN UTILIZED FOR STORMWATER MANAGEMENT PRACTICES, AND HAVE PROVIDED ENVIRONMENTAL SITE DESIGN TO MAXIMUM EXTENT PRACTICABLE.
- NO DESIGN MANUAL OR WAIVER PETITION REQUESTS HAVE BEEN MADE.

STORMWATER MANAGEMENT PRACTICES			
PARCEL #	ADDRESS	NON-ROOFTOP DISCONNECT (N-2) (Y/N)	MICRO-BIO (M-6) (NUMBER)
183	11859 LIME KILN ROAD	Y	1

SHEET INDEX

SHEET NO.	DESCRIPTION
1	STORMWATER MANAGEMENT PLAN
2	SIMPLIFIED FOREST STAND DELINEATION AND STORMWATER MANAGEMENT NOTES AND DETAILS

OWNER
 SURJIT SINGH & KAMALJIT KAUR
 2634 RAPTOR DRIVE
 ODMONT, MD 21113
 (410) 977-1325

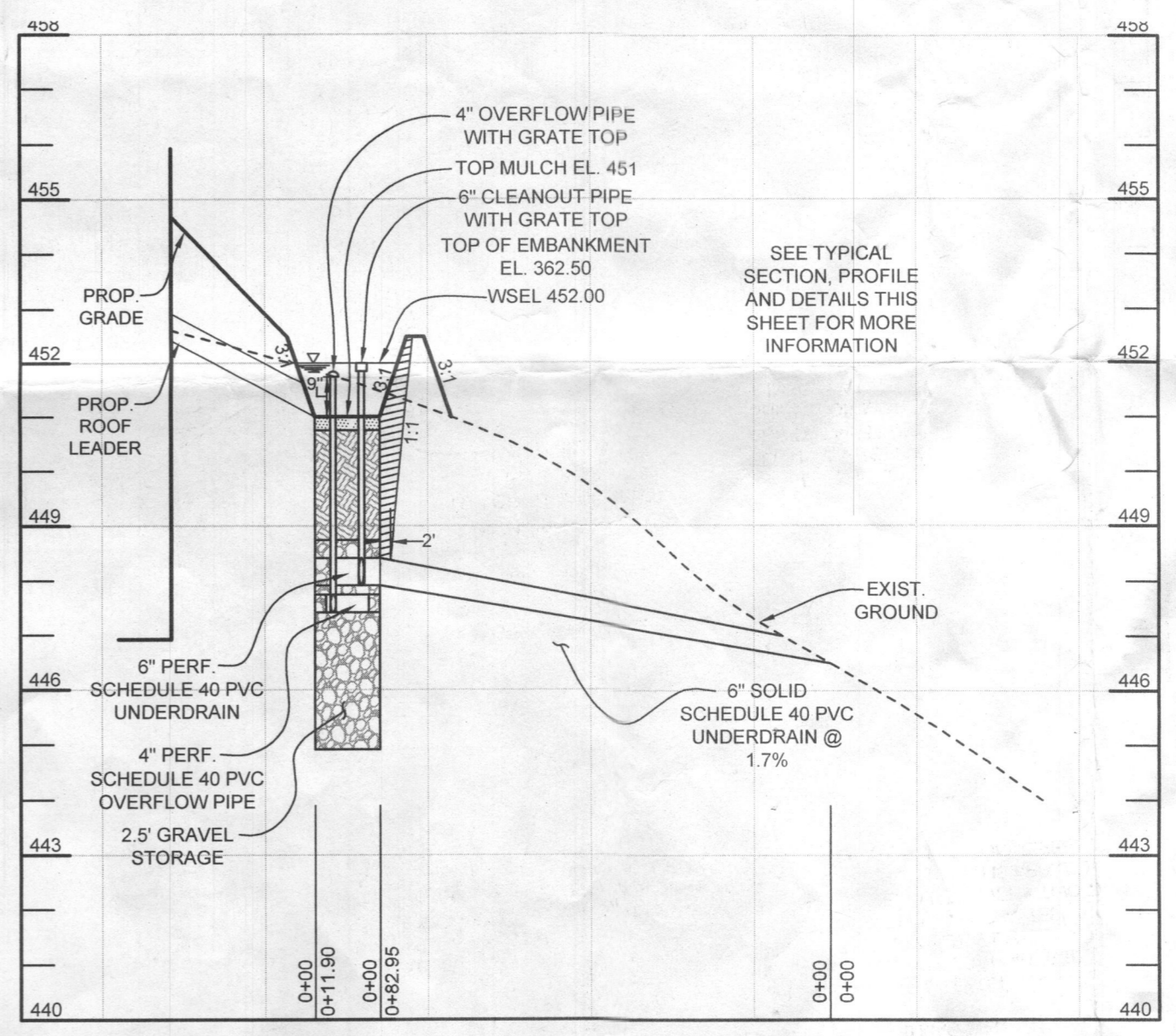
DEVELOPER
 GREEN LEAF BUILDERS
 STEVE FORNEY
 1601 JACKSON STREET
 BALTIMORE, MD 21230
 (443) 250-5483

PLOT PLAN
SINGH PROPERTY
 11859 LIME KILN ROAD

TAX MAP 46 GRID 1 5TH ELECTION DISTRICT PARCEL 183 HOWARD COUNTY, MARYLAND

SILL ENGINEERING GROUP, LLC
 11130 Doveblade Court, Suite 200
 Marriottsville, Maryland 21104
 Phone: 443.325.5076
 Fax: 410.696.2022
 Email: info@sillengineering.com
 Civil Engineering for Land Development

DESIGN BY: PS
 DRAWN BY: RA
 CHECKED BY: PS
 SCALE: AS SHOWN
 DATE: MAY 15, 2017
 PROJECT #: 16-050
 SHEET #: 1 of 2



MICRO-BIORETENTION PROFILE

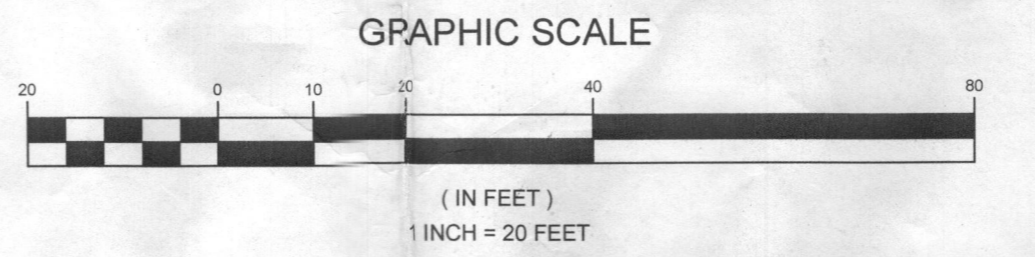
HORIZONTAL SCALE: 1" = 30'
 VERTICAL SCALE: 1" = 3'

BIORETENTION ELEVATIONS AND DIMENSIONS

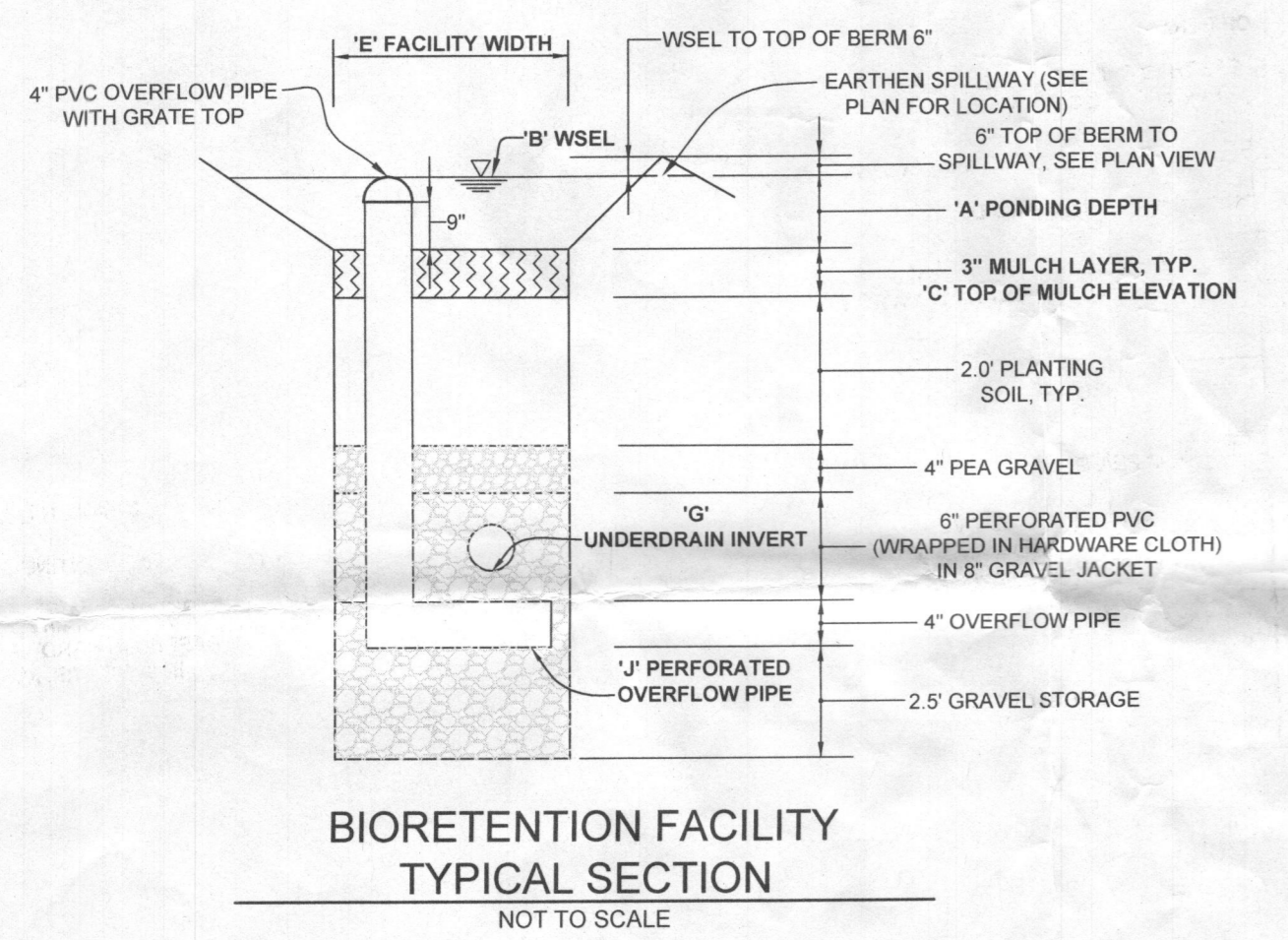
DESCRIPTION	BIO
'A' PONDING DEPTH	1.00'
'B' WSEL	452.00
'C' TOP OF MULCH	451.00
'D' FACILITY LENGTH	20.00'
'E' FACILITY WIDTH	22.50'
'F' PERF. UNDERDRAIN DIMENSION	20.60'
'G' UNDERDRAIN INVERT	447.92
'H' SOLID UNDERDRAIN DIMENSION	82.95'
'I' OUTFALL INVERT	446.50
'J' OVERFLOW PIPE	447.41

PLAN VIEW

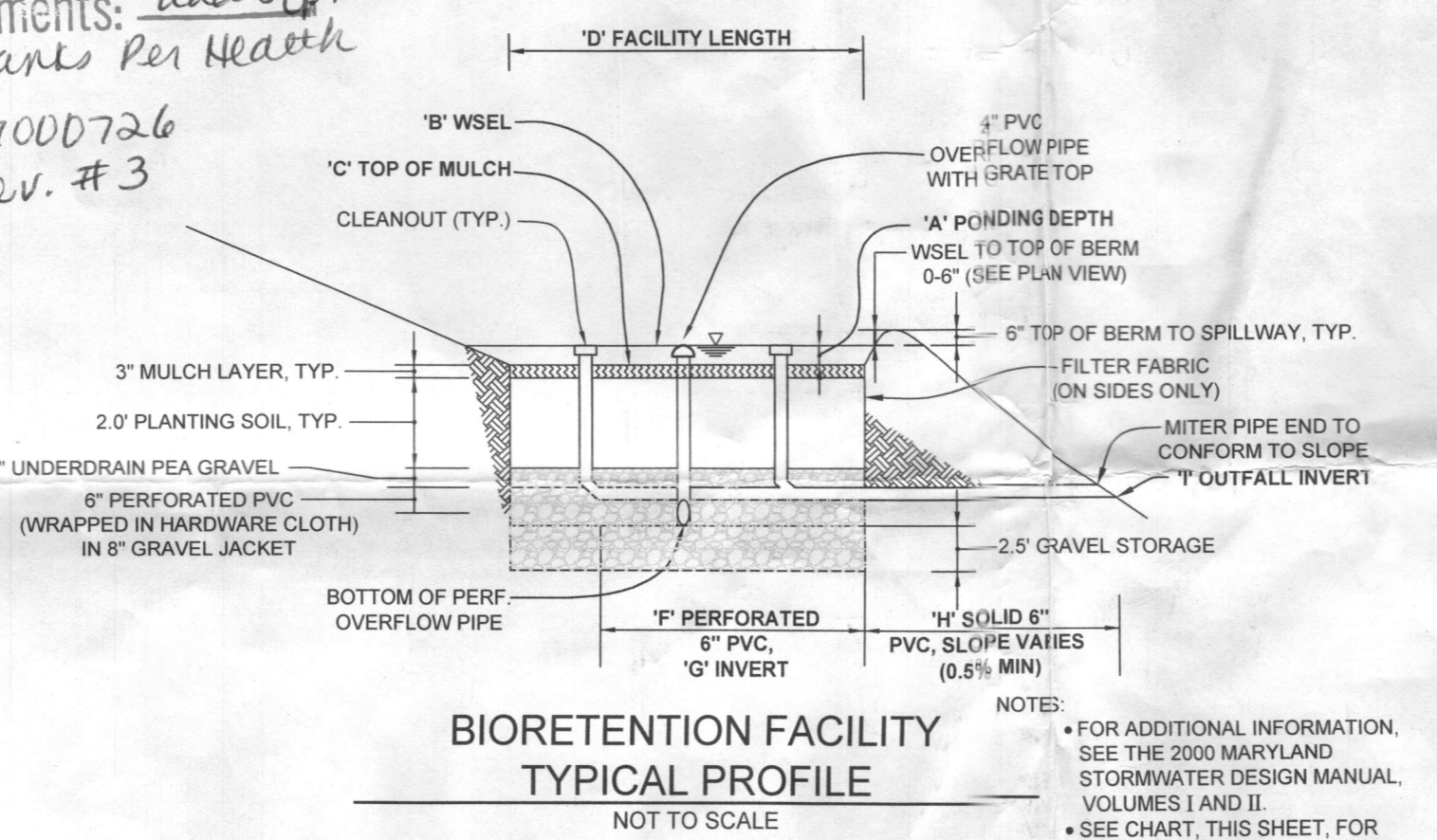
SCALE: 1"=20'



REVISED
 Date: 5-23-17
 Comments: add septic tank Per Health
 B17000726
 Rev. #3



BIORETENTION FACILITY TYPICAL SECTION
 NOT TO SCALE



BIORETENTION FACILITY TYPICAL PROFILE
 NOT TO SCALE

NOTES:
 • FOR ADDITIONAL INFORMATION, SEE THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I AND II.
 • SEE CHART, THIS SHEET, FOR ELEVATIONS AND DISTANCES

SEPTIC SYSTEM TRENCH DESIGN SPECIFICATIONS PARCEL 183

- INITIAL SYSTEM:**
- APPLICATION RATE: 1.2
 - EFFECTIVE AREA BEGINNING DEPTH: 3'
 - BOTTOM MAXIMUM DEPTH: 6.5'

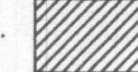
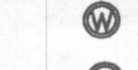
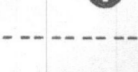
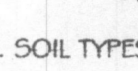

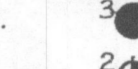


- 1. DESIGN FLOW:**
- 4 BEDROOMS AT 150 GPD
- 4X150 GPD = 600 GPD
- 2. SQUARE FOOTAGE OF DRAIN FIELD REQUIRED:**
- DESIGN FLOW (600 GPD) / APPLICATION RATE (1.2) = 500 SF
- 3. SIDEWALL REDUCTION CREDIT:**
- TRENCH WIDTH (W) = 3'
- TRENCH EFFECTIVE DEPTH (D) = 3.5'
- (W+2) / (W+1+2D) X 100 = 45.45%
- 4. LINEAR LENGTH OF TRENCH REQUIRED:**
- DRAIN FIELD SQUARE FOOTAGE (500) X SIDEWALL REDUCTION CREDIT (45.45%) / TRENCH WIDTH (3') = 76'
- 5. LINEAR LENGTH OF TRENCH PROVIDED = 76'**
- TWO TRENCHES 38 LF/EACH
- 6. EXISTING GRADE:** TRENCH I1: 449.3
TRENCH I2: 448.6
- 7. INVERT:** TRENCH I1: 446.3
TRENCH I2: 445.8

- REPLACEMENT SYSTEM #1:**
- APPLICATION RATE: 1.2
 - EFFECTIVE AREA BEGINNING DEPTH: 3'
 - BOTTOM MAXIMUM DEPTH: 6.5'

- 1. DESIGN FLOW:**
- 4 BEDROOMS AT 150 GPD
- 4X150 GPD = 600 GPD
- 2. SQUARE FOOTAGE OF DRAIN FIELD REQUIRED:**
- DESIGN FLOW (600 GPD) / APPLICATION RATE (1.2) = 500 SF
- 3. SIDEWALL REDUCTION CREDIT:**
- TRENCH WIDTH (W) = 3'
- TRENCH EFFECTIVE DEPTH (D) = 3.5'
- (W+2) / (W+1+2D) X 100 = 45.45%
- 4. LINEAR LENGTH OF TRENCH REQUIRED:**
- DRAIN FIELD SQUARE FOOTAGE (500) X SIDEWALL REDUCTION CREDIT (45.45%) / TRENCH WIDTH (3') = 76'
- 5. LINEAR LENGTH OF TRENCH PROVIDED = 76'**
- TWO TRENCHES 38 LF/EACH
- 6. EXISTING GRADE:** TRENCH R-1A: 447.6
TRENCH R-1B: 447.1
- 7. INVERT:** TRENCH R-1A: 444.6
TRENCH R-1B: 444.1

- REPLACEMENT SYSTEM #2:**
- APPLICATION RATE: 1.2
 - EFFECTIVE AREA BEGINNING DEPTH: 3'
 - BOTTOM MAXIMUM DEPTH: 6.5'

- 1. DESIGN FLOW:**
- 4 BEDROOMS AT 150 GPD
- 4X150 GPD = 600 GPD
- 2. SQUARE FOOTAGE OF DRAIN FIELD REQUIRED:**
- DESIGN FLOW (600 GPD) / APPLICATION RATE (1.2) = 500 SF
- 3. SIDEWALL REDUCTION CREDIT:**
- TRENCH WIDTH (W) = 3'
- TRENCH EFFECTIVE DEPTH (D) = 3.5'
- (W+2) / (W+1+2D) X 100 = 45.45%
- 4. LINEAR LENGTH OF TRENCH REQUIRED:**
- DRAIN FIELD SQUARE FOOTAGE (500) X SIDEWALL REDUCTION CREDIT (45.45%) / TRENCH WIDTH (3') = 76'
- 5. LINEAR LENGTH OF TRENCH PROVIDED = 76'**
- THREE TRENCHES 25.33 LF/EACH
- 6. EXISTING GRADE:** TRENCH R2A: 450.3
TRENCH R2B: 449.0
TRENCH R2C: 448.0
- 7. INVERT:** TRENCH R2A: 447.3
TRENCH R2B: 446.0
TRENCH R2C: 445.0

- NOTES:**
- TOPOGRAPHY SHOWN HEREON IS FIELD RUN WITHIN THE LIMITS SHOWN. OTHER TOPOGRAPHY IS FROM 2013 HOWARD COUNTY LIDAR.
 - ONSITE IMPROVEMENTS SHOWN HEREON ARE FROM FIELD-RUN TOPOGRAPHY BY SHANABERGER & LANE IN OCTOBER, 2015 AND SETBACKS FROM 2013. OTHER IMPROVEMENTS SHOWN ARE FROM 2013 HOWARD COUNTY LIDAR.
 - EXISTING WELL AND SEPTIC SYSTEM LOCATIONS SHOWN HEREON ARE FROM AVAILABLE HOWARD COUNTY HEALTH DEPARTMENT RECORDS, AND FIELD LOCATION.
 -  DESIGNATES PROPOSED PRIVATE SEWAGE EASEMENT FOR INDIVIDUAL SEWAGE DISPOSAL.
 PROPOSED WELL
 EXISTING WELL
 SOIL TYPE BOUNDARY
 WOODS/LINE/TREES
 - SOIL TYPES PER N.R.C.S WEB SOIL SURVEY:
GgA-Glenelg loam, 0 to 3 percent slopes
GgB-Glenelg loam, 3 to 8 percent slopes
GmB-Glenelg silt loam, 3 to 8 percent slopes
 - BOUNDARY LINES OF SUBJECT PROPERTY ARE FROM A FIELD-RUN BOUNDARY SURVEY BY SHANABERGER & LANE IN OCTOBER, 2016. OTHER BOUNDARY LINES SHOWN HEREON ARE FROM HOWARD COUNTY TAX MAP INFORMATION AND FROM DEEDS OF RECORD.
 - SOIL TYPES SHOWN HEREON ARE FROM N.R.C.S WEB SOIL SURVEY.
 -  DESIGNATES EXISTING PERC TEST LOCATION -- PASS.
 DESIGNATES EXISTING PERC TEST LOCATION -- FAIL.
 - PRIVATE SEWAGE EASEMENTS FOR THIS PROPERTY MAY BE ADJUSTED BASED ON PERC TEST RESULTS AND POSSIBILITY OF RELOCATING WELLS ON ADJOINING PROPERTIES.
 - DESIGNATES LIMITS OF FIELD-RUN TOPOGRAPHY
 - ANY CHANGE TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
 - ALL KNOWN EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE BEEN SHOWN PER FIELD LOCATION WHEN POSSIBLE AND PER AVAILABLE RECORDS WHEN NOT POSSIBLE.
 -  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
 - SHOULD A WELL BE DISCOVERED DURING DEMOLITION OF THE FORMER RESIDENCE ON PARCEL 183, ALL WORK IS TO CEASE IMMEDIATELY AND THE HEALTH DEPARTMENT NOTIFIED. SUCH WELL SHALL BE SEALED BY A LICENSED WELL DRILLER.
 - PERCOLATION TEST RESULTS AT 11855 LIME KILN ROAD MAY BE CERTIFIED. HOWEVER, A S.D.A. MAY NOT BE CERTIFIED ON THE PROPERTY UNTIL SUCH TIME THAT THE EXISTING PT WELL SERVING 8020 HUNTERBROOKE LANE IS ABANDONED AND SEALED. THIS REQUIREMENT DOES NOT PROHIBIT THE INSTALLATION OF REPAIR TRENCHES TO SERVE 11855 LIME KILN ROAD IN THE EVENT THAT REPLACEMENT OF THE EXISTING SEPTIC SYSTEM TRENCHES IS NECESSARY DUE TO FAILURE OF THE EXISTING TRENCH.
 - MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS APPROVED A VARIANCE TO ALLOW SEWAGE DISPOSAL AREAS (SDA) AT 11855 LIME KILN ROAD AND ON PARCEL 183 TO BE UPGRADATED TO THE PROPOSED REPLACEMENT WELL TO SERVE 11855 LIME KILN ROAD, PROVIDED THAT THE FOLLOWING RECOMMENDATIONS BY HOWARD COUNTY HEALTH DEPARTMENT ARE IMPLEMENTED:
 - THE WELL INSTALLED AS THE REPLACEMENT POTABLE WATER SOURCE TO SERVE 11855 LIME KILN ROAD SHALL HAVE STEEL CASING EXTENDING TO MINIMUM DEPTH OF 50 FEET, OR TEN FEET INTO COMPETENT ROCK, WHICHEVER IS DEEPER.
 - ALL DRAINFIELDS INSTALLED AT 11855 LIME KILN ROAD, AND ON PARCEL 183 SHALL BE AT LEAST 200 FEET DISTANCE FROM THE REPLACEMENT WELL INSTALLED AT 11855 LIME KILN ROAD, AND
 - A BAT UNIT SHALL BE INCLUDED IN THE SEPTIC SYSTEM FOR 11855 LIME KILN ROAD AND FOR PARCEL 183, RESPECTIVELY, AND
 - ALL SEPTIC SYSTEM DRAINFIELDS INSTALLED AT 11855 LIME KILN ROAD AND ON PARCEL 183 MUST BE DESIGNED AND INSTALLED AS PRESSURIZED DISTRIBUTION SYSTEMS OR EQUIVALENT.
 - THE SUBJECT PROPERTY HAS A LIMITATION OF FOUR (4) BEDROOMS UNLESS AN EXHIBIT PRESENTED BY A CERTIFIED PROFESSIONAL DEMONSTRATES THAT THE SEWAGE DISPOSAL AREA WILL ACCOMMODATE THE WASTEWATER DISCHARGE FOR A RESIDENCE HAVING MORE THAN FOUR (4) BEDROOMS.



SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
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ELLICOTT CITY, MD 21043
(410) 461-9563
(410) 461-9693 fax
home@shanelane.com

PERC CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON REFLECTS FIELD WORK DONE BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.
Scott Shanaberger
SCOTT SHANABERGER
PROFESSIONAL LAND SURVEYOR #10845
LICENSE EXPIRATION DATE 4/2/18

APPROVED:
FOR PRIVATE WATER AND SEWERAGE SYSTEMS
Maura Robinson 1/20/2017
COUNTY HEALTH OFFICER DATE

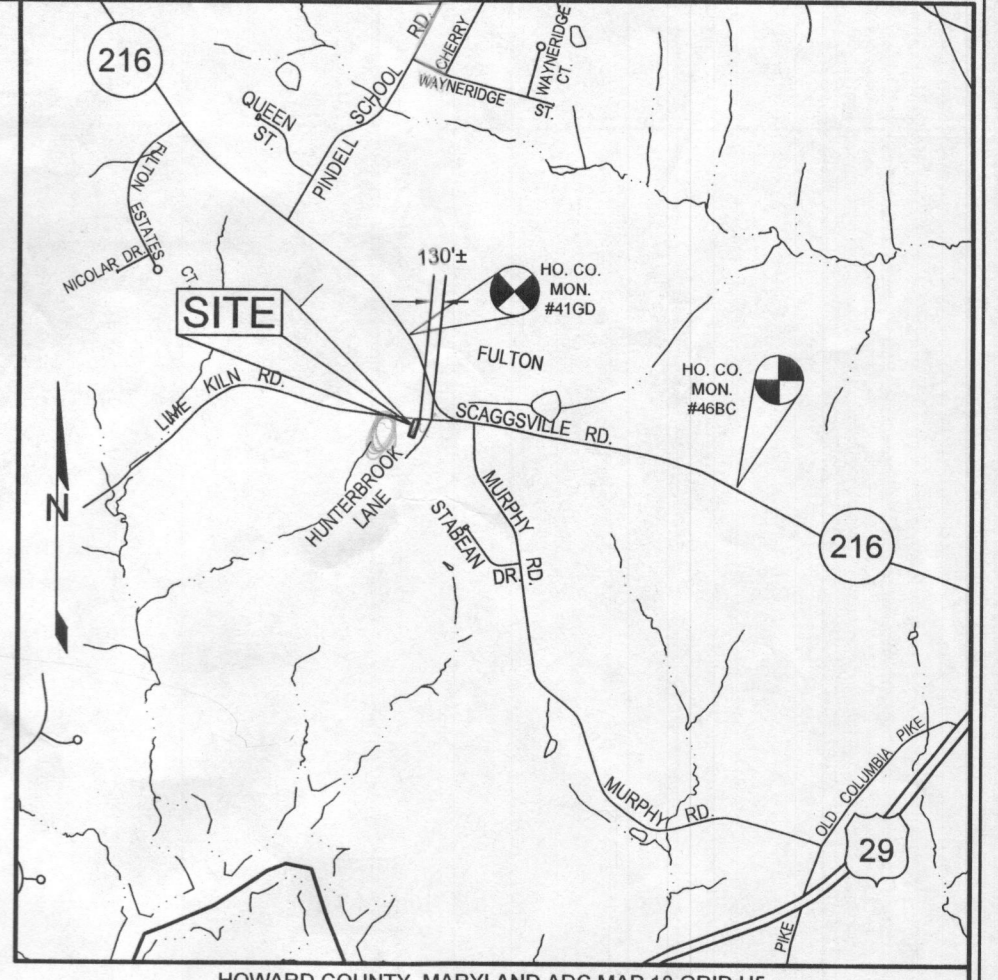
REVISED PERC CERTIFICATION PLAN
11859 LIME KILN ROAD
TITLE DEED: 15902/152
TAX MAP 46, GRID 1, PARCELS 182 & 183
5TH ELECTION DISTRICT, HOWARD COUNTY, MD.
ZONED RR-DEO
SCALE: 1" = 30' DATE: 12/20/2016
REVISED: 1/11/2017

PC 556571

SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GROUP	'K' FACTOR
GgA	GLENELG LOAM, 0 TO 3 PERCENT SLOPES	B	0.28
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	C	0.28

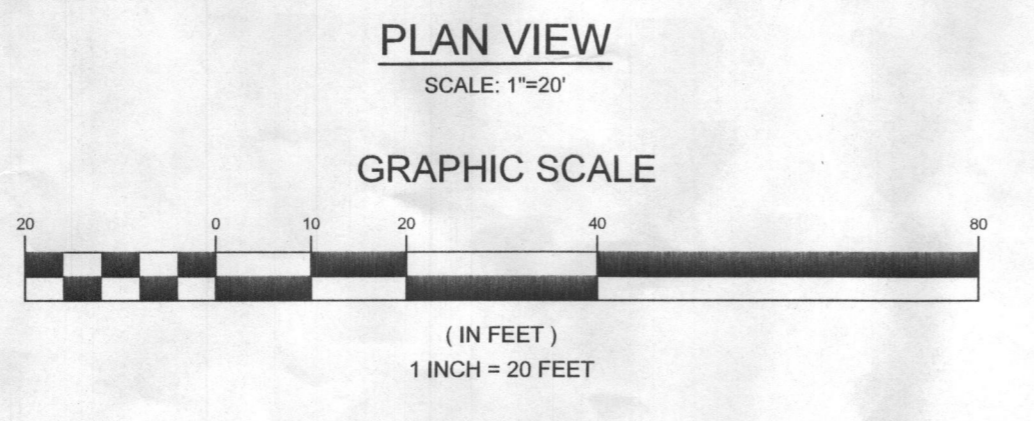
NOTES:
 1) SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE; NATURAL RESOURCES CONSERVATION SERVICE; WEB SOIL SURVEY.
 2) HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 'K' GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT.

LEGEND	
EXISTING CONTOUR	--- 382
EXISTING TREELINE	~~~~~
SOIL BOUNDARY	- - - - -
EXISTING GRAVEL	--- X ---
EXISTING PAVING	=====
EXISTING TREE	○
EXISTING ADJACENT FOREST CONSERVATION EASEMENT	◻
EXISTING FENCE	X X



- GENERAL NOTES**
- SUBJECT PROPERTY ZONED RR-DEO PER 10/06/13 COMPREHENSIVE ZONING PLAN.
 - TOTAL AREA OF PROPERTY, PARCEL 182 = 11,533 SF OR =0.27 AC±
 - THIS PROPERTY IS ADJACENT TO THE FULTON COMMUNITY.
 - PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE.
 - THE BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY PERFORMED BY SHANABERGER & LANE IN AUGUST, 2016.
 - THE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHY SURVEY PREPARED BY SHANABERGER & LANE IN AUGUST, 2016.
 - NO WETLANDS, STREAMS, OR 100 YEAR FLOODPLAIN ARE PRESENT ON THE SITE.
 - PROPERTY ADDRESS: 11855 LIME KILN ROAD, FULTON, MD 20759.
 - THIS PLAN IS TO REQUEST A VARIANCE TO THE FRONT BUILDING RESTRICTION LINE.
 - THE EXISTING CENTERLINE SHOWN ON THIS DRAWING IS TAKEN FROM THE ACTUAL PAVING EDGE, AS IT EXISTED, AS SHOWN ON THE DATE OF THE SURVEY OF THE SUBJECT PROPERTY.

VARIANCE REQUESTS		
PERIMETER	EXISTING SETBACK	PROPOSED SETBACK
FRONT	75'	25'
SIDES	10'	10'
REAR	30'	30'



OWNER
 SURJIT SINGH & KAMAJIT KAUR
 2634 RAPTOR DRIVE
 ODENTON, MD 21113

PETITIONER
 SURJIT SINGH & KAMAJIT KAUR
 2634 RAPTOR DRIVE
 ODENTON, MD 21113

ATTORNEY
 CARNEY, KELEHAN, BRESLER, BENNETT & SCHERR, LLP
 C/O THOMAS MEACHUM, ESQ.
 10715 CHARTER DRIVE, SUITE 200
 COLUMBIA, MD 21044
 410-740-4600

ZONING VARIANCE EXHIBIT
SINGH PROPERTY
 11855 LIME KILN ROAD

TAX MAP 46 GRID 1
 5TH ELECTION DISTRICT

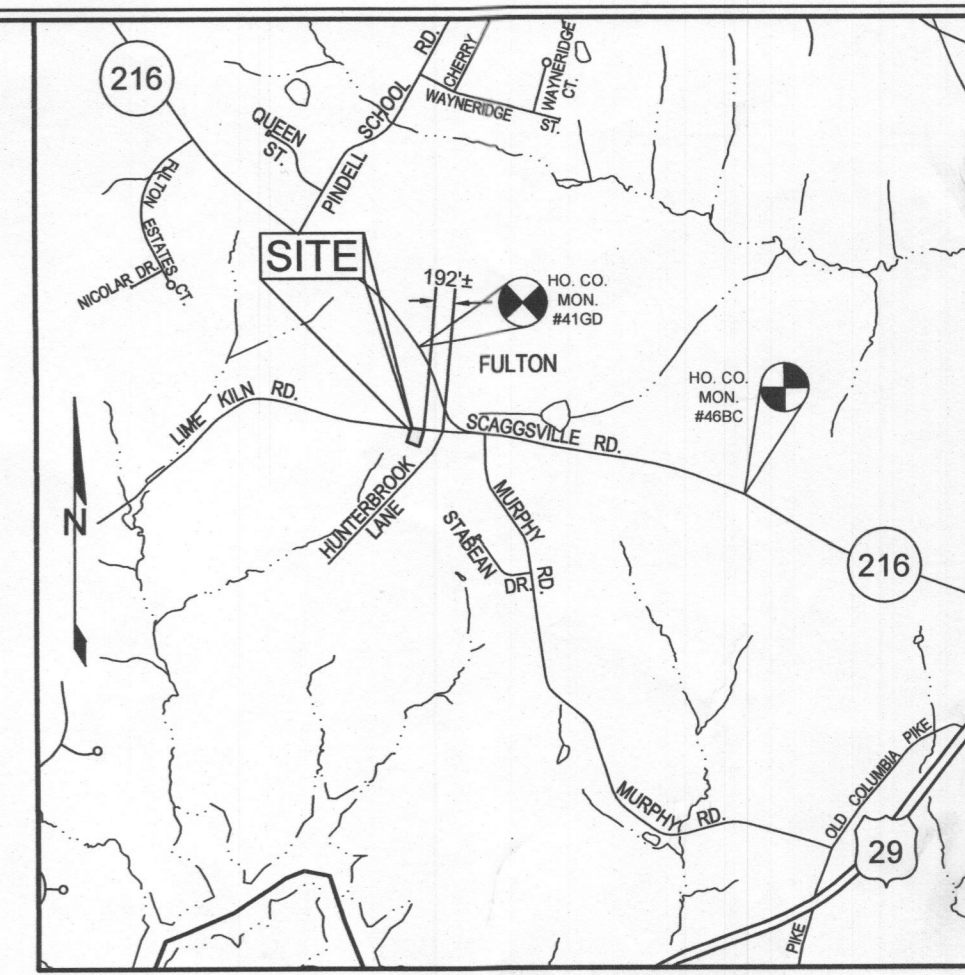
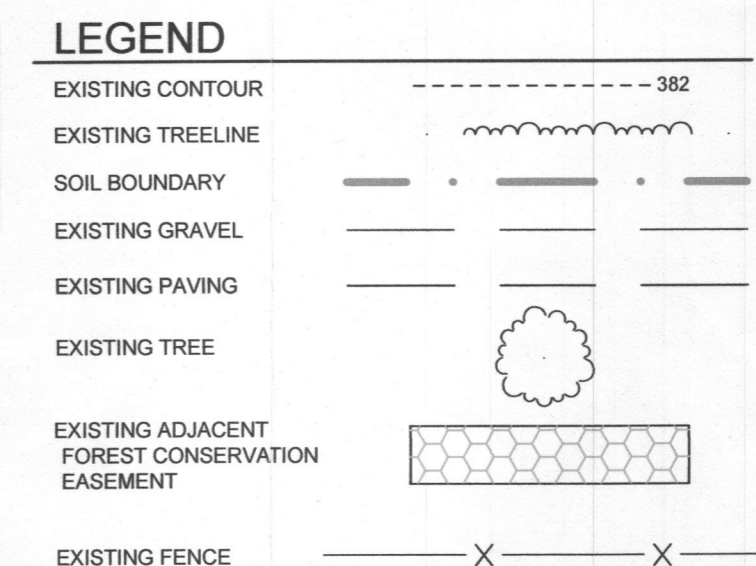
PARCEL 182
 HOWARD COUNTY, MARYLAND

 SILL ENGINEERING GROUP, LLC 11130 Dovedale Court, Suite 200 Marriottsville, Maryland 21104 Phone: 443.325.5076 Fax: 410.696.2022 Email: info@sillengineering.com Civil Engineering for Land Development	DESIGN BY: PS
	DRAWN BY: PS/PA
	CHECKED BY: PS
	SCALE: AS SHOWN
	DATE: SEPT. 2, 2016
PROJECT #: 16-050	
SHEET #: 1 of 1	

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 32025, EXPIRATION DATE: JUNE 20, 2017.

SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GROUP	'K' FACTOR
GgA	GLENELG LOAM, 0 TO 3 PERCENT SLOPES	B	0.28
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	C	0.28

NOTES:
 1) SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, WEBB SOIL SURVEY.
 2) HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 'K' GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT.



VICINITY MAP
SCALE: 1"=2000'

GENERAL NOTES

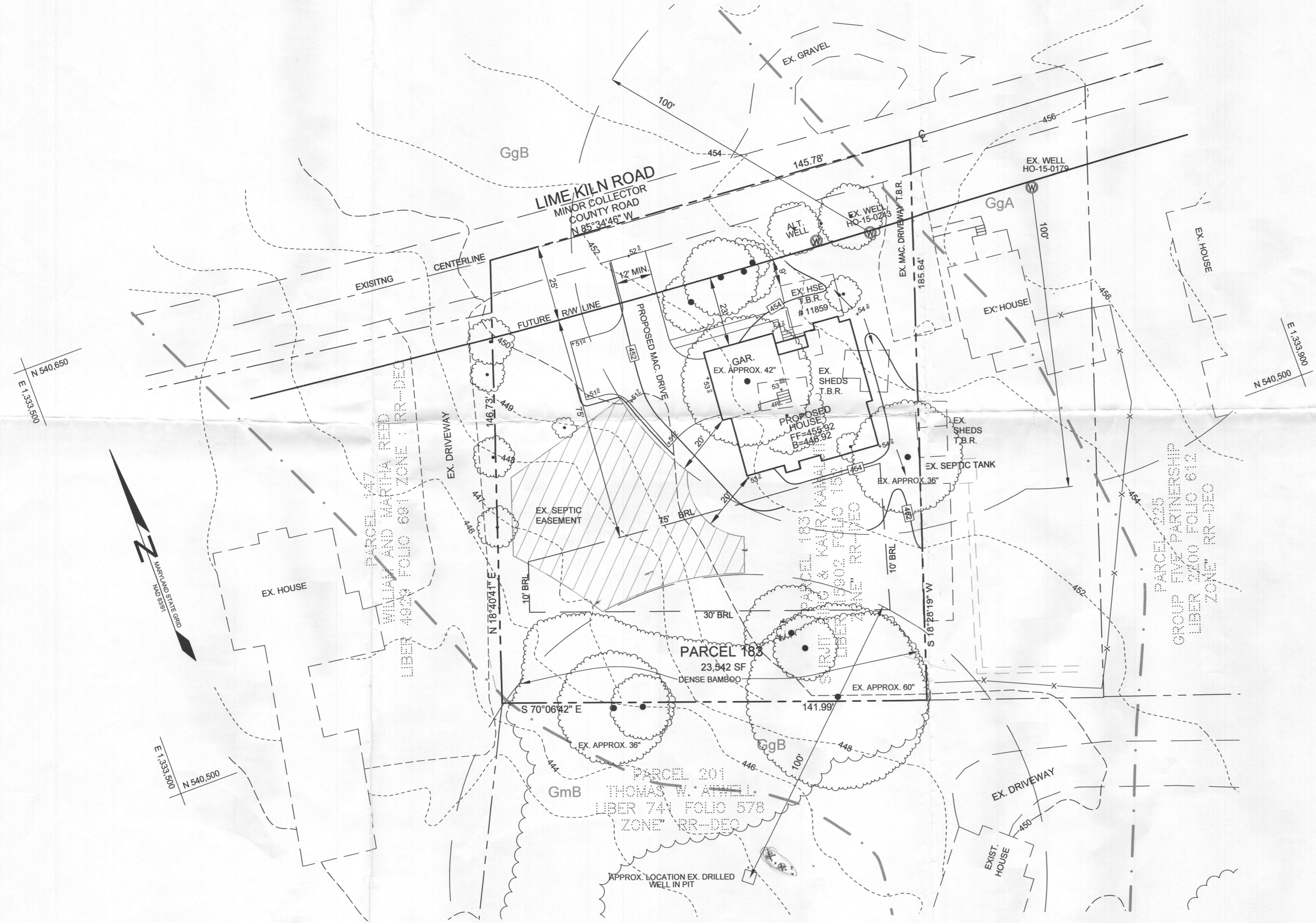
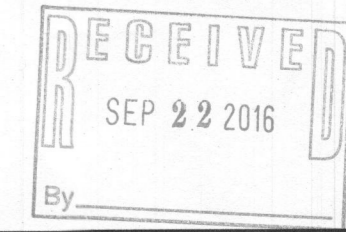
- SUBJECT PROPERTY ZONED RR-DEO PER 10/06/13 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF PROPERTY, PARCEL 183 = 21,780 SF OR ≈0.50 AC ±.
- THIS PROPERTY IS ADJACENT TO THE FULTON COMMUNITY.
- PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE.
- THE BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY PERFORMED BY SHANBERGER & LANE IN AUGUST, 2016.
- THE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN TOPOGRAPHY SURVEY PREPARED BY SHANBERGER & LANE IN AUGUST, 2016.
- NO WETLANDS, STREAMS, OR 100 YEAR FLOODPLAIN ARE PRESENT ON THE SITE.
- PROPERTY ADDRESS: 11859 LIME KILN ROAD, FULTON, MD 20759
- THIS PLAN IS TO REQUEST A VARIANCE TO THE FRONT BUILDING RESTRICTION LINE.
- THE EXISTING CENTERLINE SHOWN ON THIS DRAWING IS TAKEN FROM THE ACTUAL PAVING EDGE, AS IT EXISTED, AS SHOWN ON THE DATE OF THE SURVEY OF THE SUBJECT PROPERTY.
- PARKING - EXISTING PROVIDED: 2 SPACES; PROPOSED: 2 SPACES WITHIN GARAGE
- FLOOR AREA = 2,972 SQ. FT. TOTAL; LOWER LEVEL = 1,423 SQ. FT.; UPPER LEVEL = 1,549 SQ. FT.
- BUILDING HEIGHT = 33 FT. ±.



BUILDING ELEVATION
N.T.S.

DESCRIPTION OF BUILDING MATERIALS

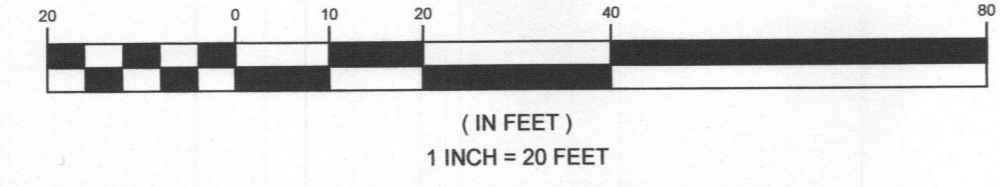
HOUSE IS PROPOSED TO HAVE VINYL LAP SIDING, EARTHTONE IN COLOR, TAN, BEIGE OR CLAY; WITH MATCHING RAISED PANEL SHUTTERS, A COMPLIMENTARY PARTIAL BRICK OR STONE FRONT, WITH ASPHALT ARCHITECTURAL SHINGLES; CONCRETE FOUNDATION WITH A BRICK PATTERN, FRONT DOOR TO BE A FIBERGLASS WOOD STAINED COLOR; GARAGE DOORS TO BE WHITE, INSULATED, RAISED PANEL; DOWNSPUTS TO BE WHITE ALUMINUM WITH MATCHING WHITE FASCIA, AND SOFFIT; CONCRETE WALKS, AND ASPHALT DRIVEWAY.



PLAN VIEW

SCALE: 1"=20'

GRAPHIC SCALE



STANDARD SETBACKS

YARD	REQUIRED SETBACK	PROPOSED SETBACK
FRONT	75'	23' *VARIANCE REQUEST
SIDES	10'	10' - UNCHANGED
REAR	30'	30' - UNCHANGED

*VARIANCE REQUESTED FOR THE FRONT YARD SETBACK ONLY! FROM REQUIRED 75' TO PROPOSED 23'.

OWNER

SURJIT SINGH & KAMALJIT KAUR
2634 RAPTOR DRIVE
ODENTON, MD 21113

PETITIONER

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ATTORNEY

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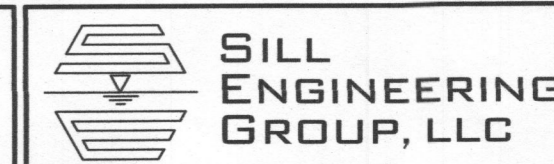
ZONING VARIANCE EXHIBIT

SINGH PROPERTY

11859 LIME KILN ROAD

TAX MAP 46 GRID 1
5TH ELECTION DISTRICT

PARCEL 183
HOWARD COUNTY, MARYLAND



11130 Dovesdale Court, Suite 200
Marristownville, Maryland 21104
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Fax: 410.696.2022
Email: info@sillengineering.com
Civil Engineering for Land Development

DESIGN BY: PS
DRAWN BY: PS/PA
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SCALE: AS SHOWN
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SHEET #: 1 of 1

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 30225, EXPIRATION DATE: JUNE 20, 2017