

**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](http://www.facebook.com/hocohealth)

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

RECEIPT DATE: 01/08/2019 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 564717

APPROVAL DATE: 02/04/2019 **PERMIT: CONSTRUCTION**

A \_\_\_\_\_

PROPERTY ADDRESS: 3010 KITTLEMAN LANE

SUBDIVISION: KITTLEMAN PROPERTY LOT: 5 TAX ID: 03-354628

CONTRACTOR: WTC III EMAIL: billcumberland@gmail.com

CONTRACTOR ADDRESS: 1820 Gillis Falls Road, Woodbine, MD 21797 PHONE: 410-489-4457

PROPERTY OWNER: HEATHER THURFIELD EMAIL: HLMITCHELL@VENABLE.COM

OWNER ADDRESS: 4431 SLATER AVE, NOTTINGHAM, MD 21236 PHONE: (443)831-3441

SEPTIC TANK SIZE (GALLONS): 1500 TANK MANUFACTURER: MAYER BROS., INC.

PUMP MODEL: NA PUMP SIZE NA PUMP TANK CAPACITY: NA

DISTRIBUTION SYSTEM:  GRAVITY  PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>156</u>	INLET DEPTH: <u>2</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>4</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	<u>3 x 52' TRENCHES</u>	

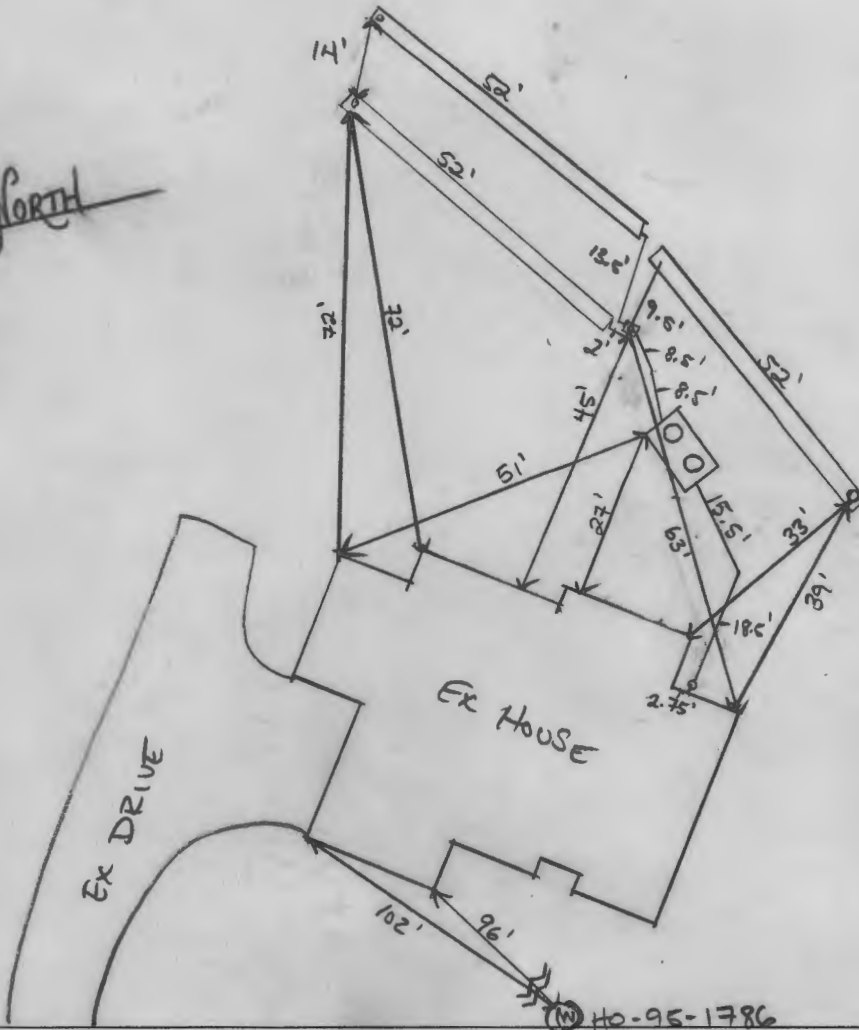
ISSUED BY: Robert Bricker ISSUE DATE: 1-8-19 EXPIRATION DATE: 1-8-20

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM  
 ELECTRICAL PERMIT ISSUED E N/A
- NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.  
 CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE

NORTH



ROAD NAME  
KITTLEMAN LANE

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
3'	2'	6'
NUMBER OF TRENCHES		3
TOTAL LENGTH		156 ft
ABSORPTION AREA		468 ft <sup>2</sup>
DISTRIBUTION BOX LEVEL		YES
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		YES

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	1500 GAL
SEAM LOC	TOP
TANK LID DEPTH	1'
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	FRONT/BACK
6" PORT LOC	INLET
WATERTIGHT TEST	N/A
SLOTTED	YES
DATE ON LID	12/14/2018
PUMP/SEPTIC TANK LEVEL	
MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

1/31/2019 CONTRACTOR HAD PHONE WALKTHROUGH EARLIER IN WEEK ABOUT SEWER HOUSE OUT AND TANK LOCATION. SDA AND TRENCH ENDS STAKED. CHECKED CONTOUR. OK TO START.

INSTALLATION: 1/31/2019 SHC INSTALLED. TANK HOLE DUG. (P) 2/1/2019 TWO LOWER TRENCHES COMPLETE. OK TO WORK ON SAT. SNOWING. RAIN FORECASTED ALL NEXT WEEK (P) 2/4/2019 FINAL TRENCH INSPECTED. D BOX LEVELED WITH SPEED LEVELS. OK TO BACKFILL. (P)

FINAL INSPECTOR

DATE OF APPROVAL

02/04/2019

3010 Kittleman Lane, W. Friendship

Clerk of the Circuit Court for 21794  
Howard County  
Land Records/Licensing

The Thomas Dorsey Building  
9250 Bendix Road  
Columbia, MD 21045  
410-313-5850

=====  
LR - Agreement Recording Fee  
1x 20.00 20.00

Name: Thurfield  
Ref: 43

LR - Agreement Surcharge  
1x 40.00 40.00

LR - Photocopies (10 or less)  
1x 0.50 0.50

LR - Photocopies (10 or less)  
1x 0.50 0.50

=====  
SubTotal: 61.00  
Total: 61.00

=====  
CRD-Credit 61.00  
Credit Card Confirmation : 049596

03/14/2019 14:44  
#11792828/495/109

CC13-MT

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

**AGREEMENT FOR APPROVAL OF AN INDIVIDUAL DRINKING WELL WITH AN  
ON-SITE TREATMENT SYSTEM**

This agreement is entered into by and between the Howard County Health Department ("the Health Department") and Heather Thurfield ("the Owner").

WHEREAS, the Owner owns a tract of land at street address 3010 Kittleman Lane, West Friendship, MD 21794 and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 0015, Block #     , Parcel # 0271, Deed Reference # 16401/00013 and Tax Account # 354628 ("the Property").

WHEREAS, the Property lacks an available public drinking water source and is required to have and individual well as the source of drinking water for the residence of the property.

WHEREAS, the Owner has installed a residential drinking well under well permit HO-95-1786 that has been tested by the Health Department (or a private laboratory certified to perform testing) for Nitrate-nitrogen. The results of the tests have shown that the Nitrate level meets or exceeds the Maximum Contaminant Level (MCL) of 10 milligrams per liter.

WHEREAS, The Maryland Department of the Environment (MDE) has promulgated rules and regulations under which a Certificate of Potability may be issued and has delegated the authority to issue such Certificate to the Health Department.

WHEREAS, MDE regulations permit the Health Department to issue as a special condition, a permanent deviation to the Certificate of Potability for individual wells where treatment has been installed to meet the MCL for Nitrate.

WHEREAS, MDE has determined that Nitrate can be effectively removed from the drinking water by the use of treatment devices (e.g. reverse osmosis).

WHEREAS, the Owner is requesting that the Health Department issue a Certificate of Potability contingent upon installation and maintenance of a water treatment device to reduce Nitrate.

WHEREAS, neither the Owner nor the Health Department has knowledge of an alternative safe source of water for the Property.

NOW THEREFORE, the parties have agreed to the following terms and conditions:

1. The Owner will record this Agreement among the Land Records of Howard County, Maryland and provide confirmation to the Health Dept.
2. The Owner agrees to install and maintain a water treatment device, which effectively reduces the Nitrate below the MCL. The Health Department shall verify that the treatment device is operating effectively and the Owner agrees to allow access to the Health Department to collect a follow-up sample(s).

3. The Health Department shall issue a Certificate of Potability for the well once follow-up sampling shows acceptable Nitrate levels.
4. The Owner agrees that there shall be no liability on part of the Health Department for any immediate or long term impacts to health or property, under any circumstance or including, but not limited to, treatment device failure, improper maintenance or installation, or defect. The Health Department does not warranty or guarantee that the device will adequately or properly function and the Owner agrees to implement and pay for any necessary changes or corrections.
5. The Owner acknowledges and agrees that neither the Health Department nor any of its agents or employees, either officially or individually, underwrites the operation of any system or treatment device.
6. This Agreement shall not be construed to limit any authority of the Health Department to protect the public health, safety or enjoyment of property or to issue any other orders to take any other action, which is now or may hereafter be within its authority.
7. This agreement contains the entire agreement and understanding between the Health Department and the Owner. There are no additional terms other than as contained in this Agreement. This Agreement may not be modified except in writing signed by each of the parties or their authorized representatives.
8. The Agreement shall run with the land and binds the Owner, his heirs, successors, and assigns. The owner agrees to provide a copy of this agreement to any purchaser or lessee of the property.
9. The laws of the State of Maryland govern the provisions of all transactions.

The parties have signed this Agreement on the dates set forth below.

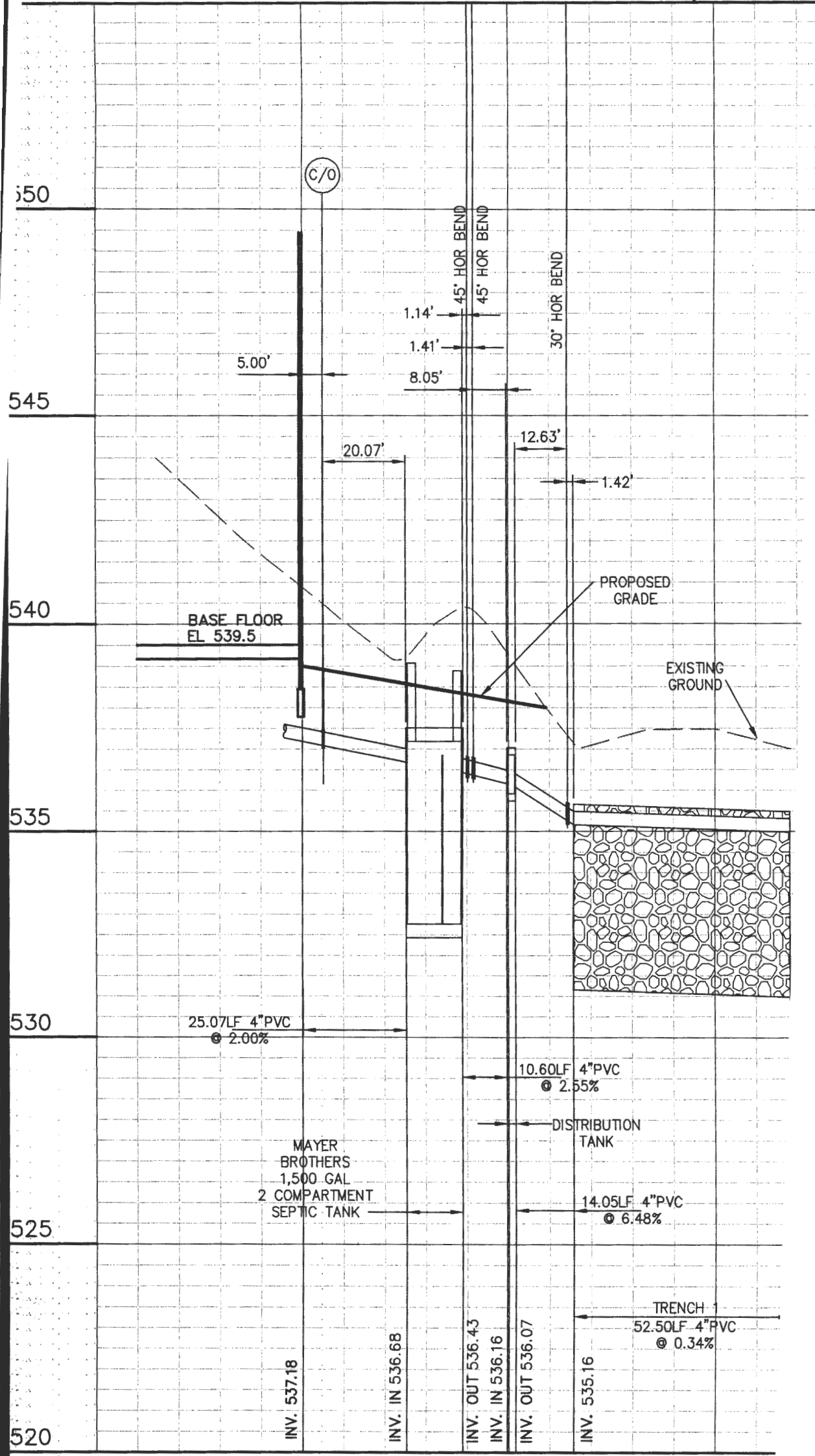
Owner	Date	Buyer	Date

*Blair Thurfield*      *3/14/19*

Owner	Date	Buyer	Date

Howard County Health Department	Date		

*Bea Griffin*      *3/14/2019*



**PROF**

3010 Kittleman Lane (Kittleman Property, lots)  
 septic system profile

Bill

Amberland

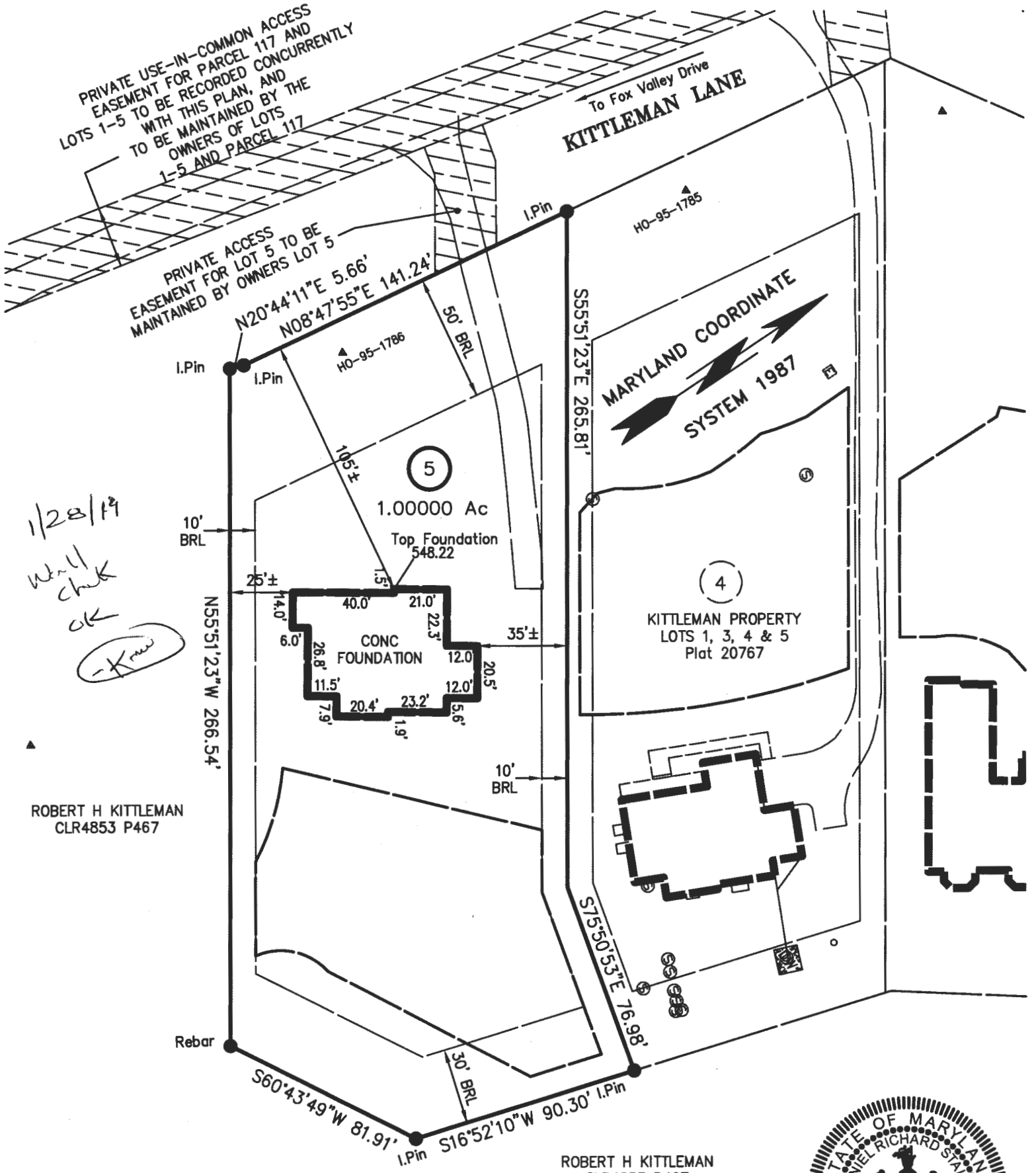
# ABBREVIATIONS

BRL Building Restriction Line  
 P Page  
 PB PlatBook

**DRS & ASSOCIATES**  
 LAND DESIGN CONSULTANTS

# LEGEND

- ⊙ CLEANOUT, Sewer
- ⊙ CLEANOUT, Drain
- ☐ PHONE BOX
- ☐ ELECTRIC BOX
- ☐ CATV
- PROP. COR. NOT SET
- PROP. COR. SET/FOUND



*1/28/19*  
*Wall*  
*check*  
*OK*  
*-Kraw*

ROBERT H KITTLEMAN  
 CLR4853 P467

ROBERT H KITTLEMAN  
 CLR4853 P467

This is to certify that I have surveyed the property shown hereon, known as Lot 5, Kittleman Property, located at 3010 Kittleman Drive in the 3rd Election District of Howard County, Maryland for the purpose of locating the improvements only, and that the improvements are located (±1) as shown hereon, and are not in a flood prone or flood hazardous area.

*Daniel R. Staley*  
 Daniel R. Staley L.S. 10735  
 Date 2018-09-17

15 15 271  
 Map Block Parcel  
 1"=50'  
 Scale



Exp. 2020-01-18

I:\CAD\03217\97450\LD01-01.DWG, Map, 2018-09-17 4:03:14 PM, jfs

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