

Bureau of Environmental Health  
 8930 Stanford Blvd. Columbia, MD 21045  
 (410) 313-2640 Fax (410) 313-2648  
 TDD (410) 313-2323 Toll Free 1-866-313-6300  
 website: www.hchealth.org

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

RECEIPT DATE: 1/13/15

**ONSITE SEWAGE DISPOSAL SYSTEM**

P 555706

INSTALLATION APPROVAL

**PERMIT**

DATE: 8/28/15 SEC

A Repair

**REPAIR**

PROPERTY ADDRESS: 3720 Park Overlook

SUBDIVISION: \_\_\_\_\_

LOT: \_\_\_\_\_

TAX ID: 03-299902

CONTRACTOR: Freedom Septic

EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: 2809 Liberty Road, Sykesville, MD 21784

PHONE: 410-984-6843

PROPERTY OWNER: Donald Plumhoff

EMAIL: \_\_\_\_\_

OWNER ADDRESS: 3720 Park Overlook Court, Ellicott City, MD 21042

PHONE: \_\_\_\_\_

SEPTIC TANK SIZE (GALLONS): Existing

BAT UNIT: \_\_\_\_\_

N/A

STATIC HEAD (FEET): \_\_\_\_\_

N/A

NUMBER OF BEDROOMS: 3

HOUSE SQ. FT. \_\_\_\_\_

N/A

APPLICATION RATE: \_\_\_\_\_

0.8

DISTRIBUTION SYSTEM: GRAVITY FED

LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>101</u>	INLET DEPTH: <u>4'</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>10'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>N/A</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>6</u>
LOCATION:	<u>Install New trench, approx. 20' off back corner of house. Trench to be <del>100</del><sup>2x30</sup> w/ New Dbox.</u>	
NOTES:	<u>New Manhole riser on tank, new outlet baffle, New Dbox. Pump collapse ex. Dry well.</u>	

ISSUED BY: K. Wolf

ISSUE DATE: 1/29/15

EXPIRATION DATE: 1/29/16

\*Permit Revised on 8/22/14

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 SEPTIC 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

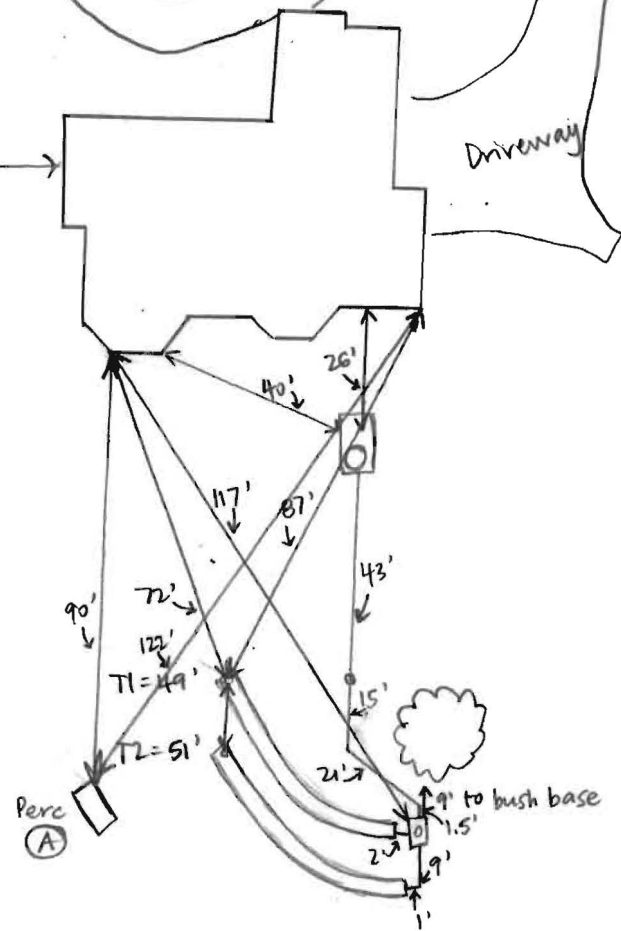
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.**

**PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

**CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE

W ← 22' →  
110-73-2434 ~150'



1" x 40'

ROAD NAME

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	10'
NUMBER OF TRENCHES		2
TOTAL LENGTH		100'
ABSORPTION AREA		200' + SIDEWALL
DISTRIBUTION BOX LEVEL		YES
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Existing
MANUFACTURER	?
CAPACITY	1250? GAL
SEAM LOC	MID
TANK LID DEPTH	3'
BAFFLES	OUTLET
BAFFLE FILTER	NO
MANHOLE LOC	REAR
6" PORT LOC	NONE
WATERTIGHT TEST	OK
SLOTTED	NO
DATE ON LID	N/A
PUMP/SEPTIC TANK LEVEL N/A	
MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

1/29/15 system for repair laid out tentatively. Install 1x100' on contour as staked in field. Trench specs given on permit. (140)  
 2/2/15 Homeowner concerned about location of trench. Wants one for pool. met w/ owner and contractor onsite re-laid out trenches to adjust for possible pool install. Install 2x50' trenches in opposite directions  
 Pump collapse. 2x Dry well.

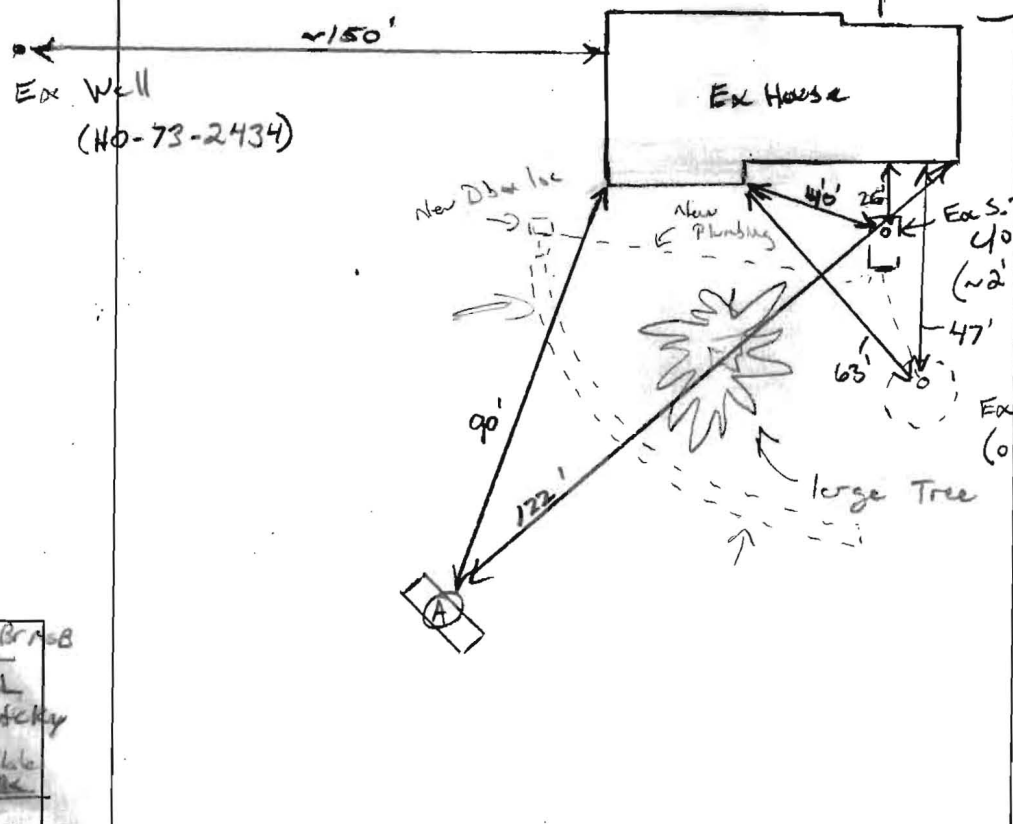
INSTALLATION: 8/28/15 Line running from tank to D-box location installed. Needs cleanout. Freedom almost finished digging T1 - left open w/o stone. Soil is smeared from 2-5' (could correspond w/ Cl layer from perc hole A). Freedom pumping dry well during site visit. Stakes still present from original layout. (SC)  
 8/28/15 Cleanout installed in line from tank to D-box. Baffle and manhole riser installed on tank. T2 currently halfway filled with stone. 3.5' to stone. D-box leveled w/ speed levelers. Pipe piece (1.5') to D-box did not have fall - Freedom bermed up to give fall. (SC)

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 8/28/15

3/20 Park Overlook Ct

Ex. Grand Drive

AP 555 706



10'  
 4'  
 5-6'  
 14'

On top of Br+8  
 11 Br CL  
 slightly sticky  
 (WSD)  
 CW, Friable  
 m.s.c.  
 Br/Y L  
 5% charcoal  
 wk platy, CW  
 Friable, Dr  
 11 Br/Y/Rd  
 FSL, irregular  
 macrom.  
 Friable,  
 weak platy  
 weak fine  
 sandstone  
 Dry

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H	
1/29/15	A	6'3" / 14"	12:43	12:50	1:06	16	P	
			H2O poured @ bottom ~ 7psi					

REMARKS Property on 3 + Ac. Dry well / Take over flowage.

SANITARIAN K. Wolf BACKHOE Dan = Fraden OTHERS Helper

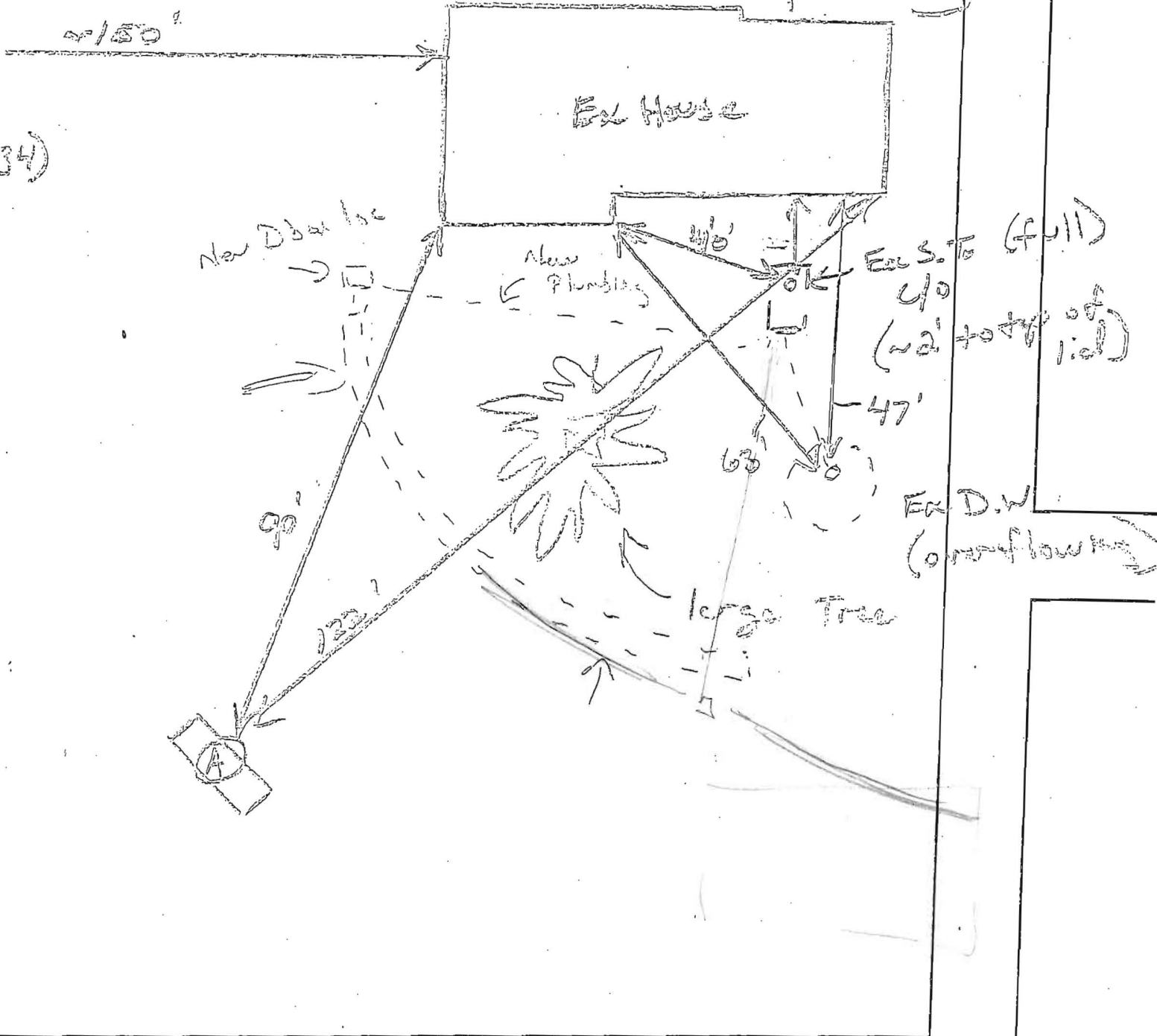
TEST HOLES USED IN SDA 1 AVG. PERC TIME 16 SQ. FT/BR

TRENCH WIDTH 2' INLET DEPTH 4' MAX. BOT DEPTH 10' EFFECTIVE SW 6

$3(150) = 450 \div 0.8 = 562.5 \div 2 = 281.25 (.36) = 101 LF$

73 for Stone

34)



TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
(A)	63' / 14V	12:43	12:50	1:06	16	(P)
	H <sub>2</sub> O found @ bottom on 7met'					



# HOWARD COUNTY HEALTH DEPARTMENT

55706

DATE  
1/13/15

A5

Received From

Precise Bookkeeping, Inc. PHONE #

3920 London Bridge Rd. Silverdale MD 21784

For

Repair Police / - 3920 Park Overlook Ct

CASH

CHECK

NO.

23607

Three hundred thirty 74 / Dollars

\$

330.00

Received By

J King

## Wolf, Kevin

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**From:** Wolf, Kevin  
**Sent:** Monday, February 02, 2015 2:06 PM  
**To:** 'daplumhoff@sy...' [REDACTED]  
**Subject:** 3720 Parkoverlook Dr. Repair  
**Attachments:** 3720 Park Overlook Court\_Septic Repair

Mr. Plumhoff,

I received a message you are concerned about the repair septic location. I heard a mention of a possible pool in that area of the proposed repair trench. Is this correct? I can elaborate some... This location was based on the available information at hand including all pertinent soil data, topography, site conditions, site restrictions and the such. The percolation test that was performed 1/29/15 was in reference to a septic reserve location that was established when the house was built or respectively speaking. I can assure you that we do have enough room to move the repair trench location downhill and away from any area you may try and locate a pool. On the alternative, a pool will require a percolation certification plan per *Howard County Code 3.805* and more percolation testing like the one done on 1/29/15. That being said, I cannot assure you that future site evaluation (soil percolation testing) will prove adequate to support a building permit addition for a pool. We can meet on site to discuss this further including the relocation of the repair trench and your proposed pool. Please set this up thru Freedom Septic so they can be onsite as well.

Thanks,

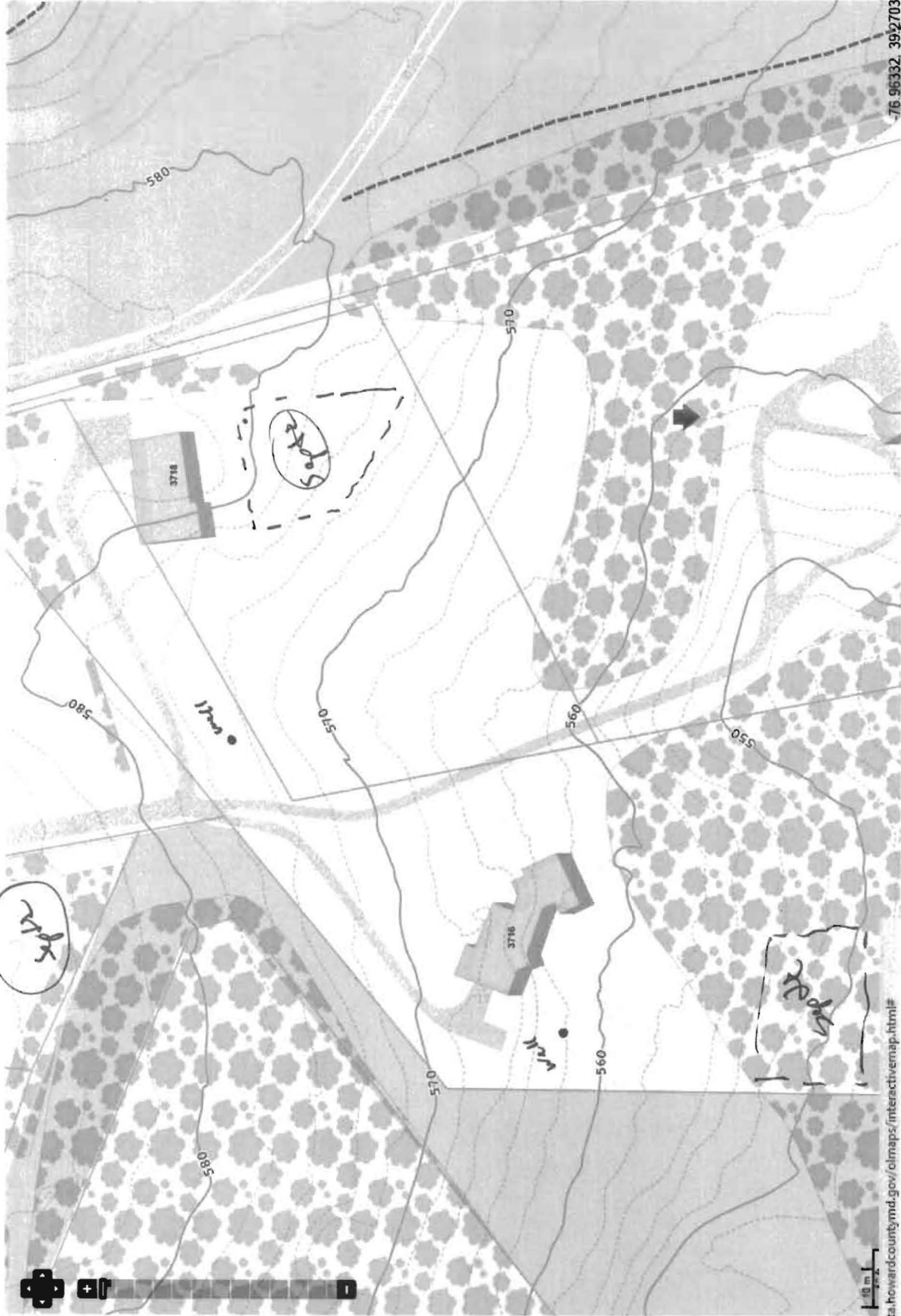
*Kevin M. Wolf*, EHS Supervisor  
Groundwater Mgmt. Sec.  
Well & Septic Program  
Bureau of Environmental Health  
8930 Stanford Blvd.  
Columbia, MD 21045  
(o) 410-313-2645  
(f) 410-313-2648



### CONFIDENTIALITY NOTICE

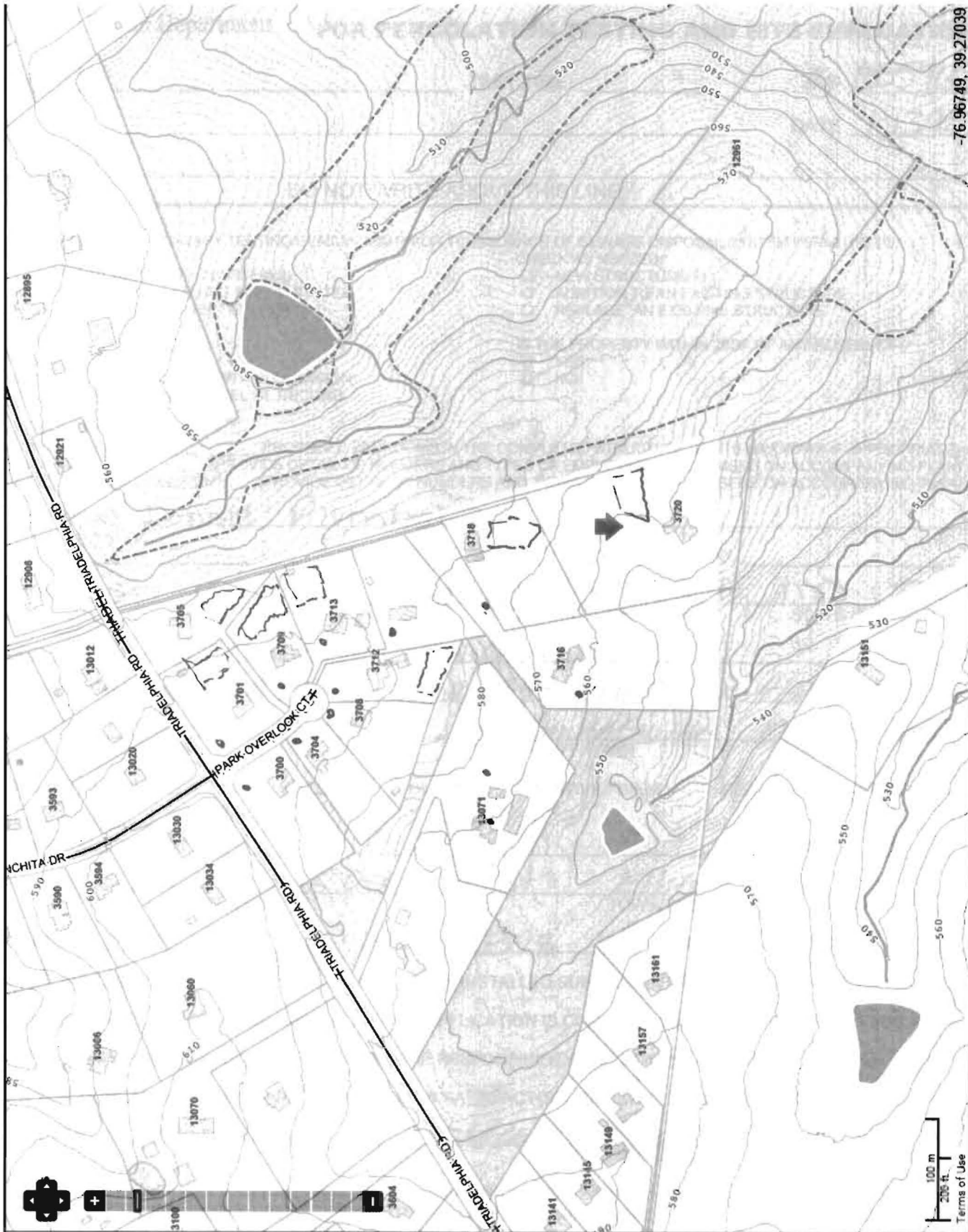
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76 96332, 392703

ta.howardcountymd.gov/climaps/interactivemap.html#



-76 96749 39 27039



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

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

APP 555706

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

DATE 1-13-15

DO NOT WRITE ABOVE THIS LINE

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

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH \_\_\_\_\_ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Donald Plumhoff

DAYTIME PHONE \_\_\_\_\_ CELL 443-631-1957 FAX \_\_\_\_\_

MAILING ADDRESS 3720 Park Overlook Ct Ellicott City MD 21042  
STREET CITY/TOWN STATE ZIP

APPLICANT Freedom Septic Service, Inc.

DAYTIME PHONE 410-795-2947 CELL 410-984-6863 FAX 410-549-1143

MAILING ADDRESS 2809 Liberty Rd Sykesville MD 21784  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME \_\_\_\_\_ LOT NO. \_\_\_\_\_

PROPERTY ADDRESS 3720 Park Overlook Ct Ellicott City  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 22 GRID 10 PARCEL(S) 398 PROPOSED LOT SIZE 3.14 ac.

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Charles B. Beyer  
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



Don Plumbhoff - 3720 Park Overlook Ct.  
Ellicott City, 21042

