

Proposed Lot 4 shifted



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AP 5/20/13

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

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

CHECK AS NEEDED:

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

CHECK AS NEEDED:

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

CHECK ONE:

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

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH _____ 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) Brown

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME _____ LOT NO. 5

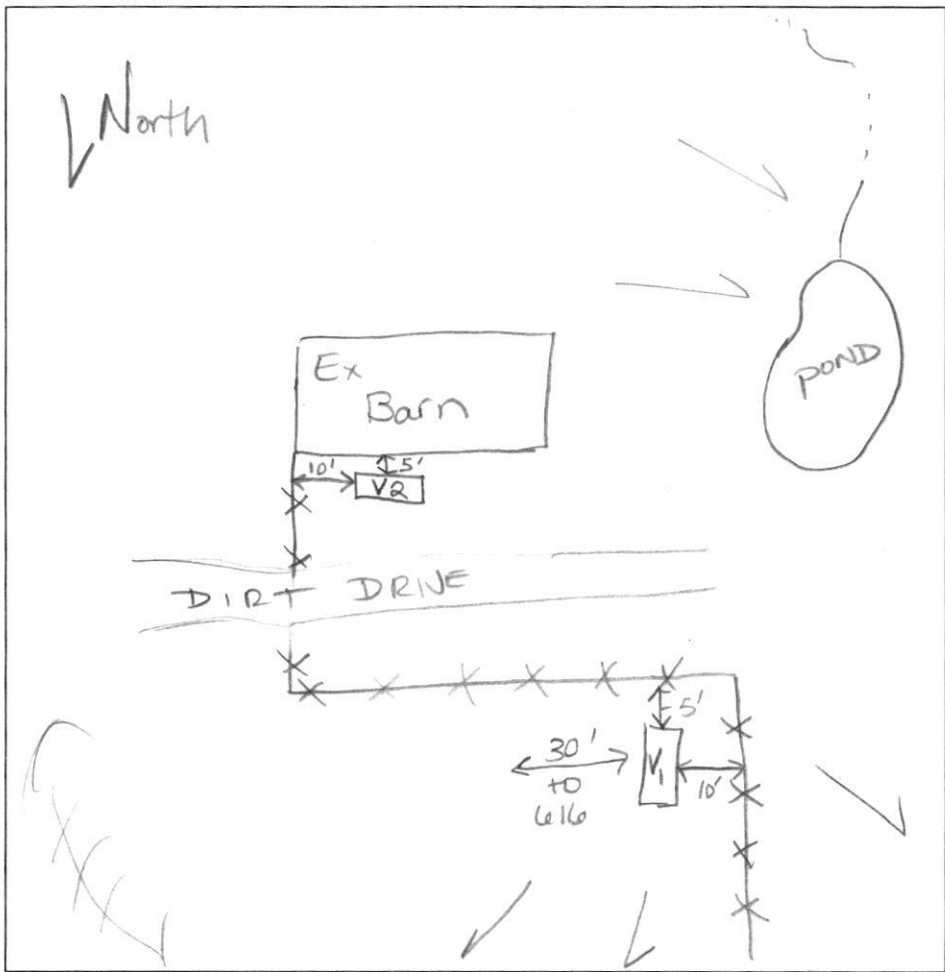
PROPERTY ADDRESS 13100 Clarksville P.Ke
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 34 GRID _____ PARCEL(S) 301 PROPOSED LOT SIZE _____

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

TEST RESULTS WILL BE MAILED TO APPLICANT. _____
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



V₁, V₂

3' Str
brown
micac
cl loam
white
black
brn
tan
S loam
tightly
packed
trace
Rock

Bottom 14'

5 1/2'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
4-30-04	V2	Visual	Holes Proposed				
	V1	Visual	by Kettermans				

V1 Plotted
V2 NOT
Plotted
FB

REMARKS Lot 4 PESP Lot 3

SANITARIAN Race BACKHOE Ketterman OTHERS Mr Brown

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

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



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 520113-C

AGENCY REVIEW: _____

DATE 3/24/2004

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
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CHECK ONE:

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- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

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

PROPERTY OWNER(S) BERTRAM BROWN & NANCY BROWN

DAYTIME PHONE (301) 596-9882 CELL FAX

MAILING ADDRESS 13100 clarksville pike Highland MD 20777
STREET CITY/TOWN STATE ZIP

APPLICANT FSH ASSOCIATES c/o ZACHARIA Y. FISCH P.E.

DAYTIME PHONE (410) 750-2251 CELL FAX (410) 750-7350

MAILING ADDRESS 8318 FORREST ST. ELLICOTT CITY MD. 21043
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME BROWN PROPERTY LOT NO. 4

PROPERTY ADDRESS 13100 clarksville pike HIGHLAND
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 34 GRID 23 PARCEL(S) 301 PROPOSED LOT SIZE 1 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.

Zacharia Y. Fisch
SIGNATURE OF APPLICANT

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AP 520113-B

North

(619)/618

(614) GSE corner

(615) (614)
CL - Brn L micaceous
SCLL Ribbons 3/4
Trace Rx

(614) H₂O to 3' in 6 hrs

5'
loose Brn f-m gr. sand w pockets of LS
Trace Rx

(615) H₂O after hole open for 6 hrs

9 1/2'
Md gr Sand most-well drained

white black brn tan, some mica

12'
No Mottles present

very, very weak struct SAND w/ striations looks like saprolite but not Med grained Sand fell out in blocks well drained when initially opened

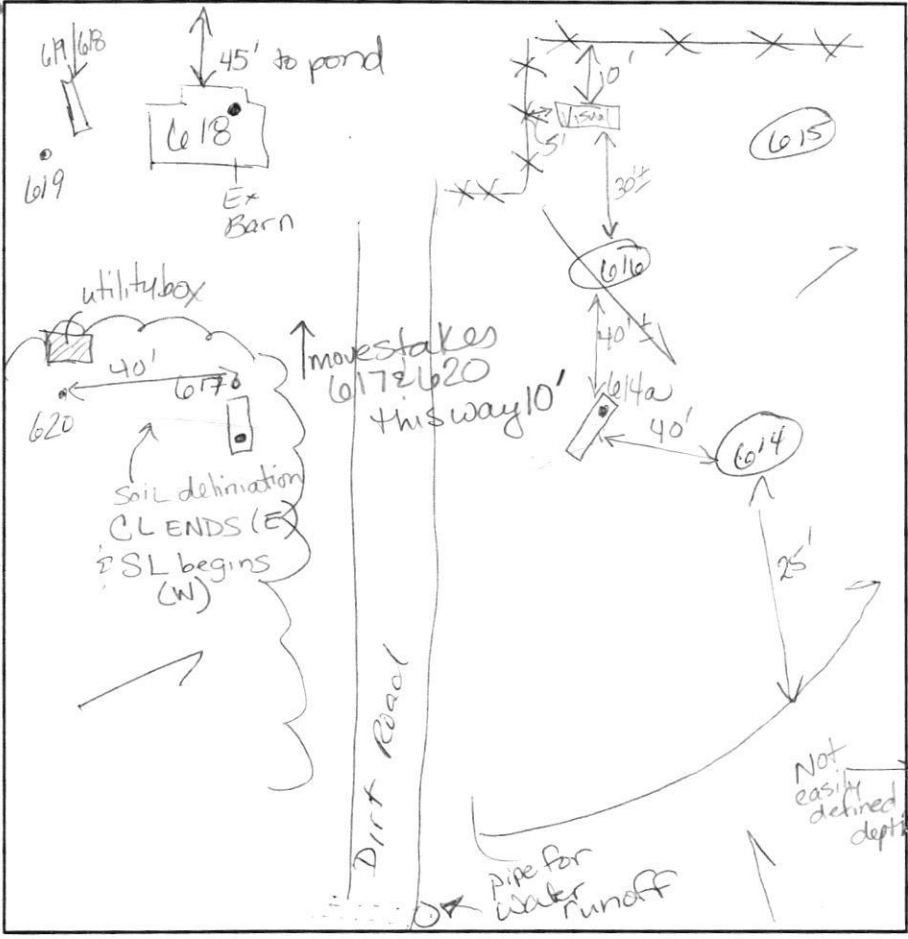
(616)

3 1/2'
Brn, rdbrn CLL

fine-med gr. sand

Trace Rock

No water after 6 hrs



4'
Brn wk org brn SL - L tightly compacted
lt org brn lt br fine SAND
@ 11' v. wk saprolite ~5%

(617/620)

12'
4'
Brn, wk rdbrn wk org brn hvly L - CL
wk rdbrn fine lt org brn Sand
Saprolite < 5%
Bottom

(614a)

3'
NW transition large sil
sandy loam with streaks
v. wk s.g. strud
Moist white grey km
Bottom mica

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2ND INCH	P/F/H	
4-26-04	614	2'	9:10	9:18	9:28	10min	F	
	(616)	4'	9:15	9:21	9:28	7min	P	
	615	3 1/2'	9:11	9:18	9:25	7min	P	
4-30-04	(614a)	2' 10" / 4'	not moving quickly at 2' 10"	9:18	9:22	9:23	3	
	614	Barely 4' Treatment Buffer Zone						
	(617)	4' 5"	10:34	@ 10:54 - No movt	Move 10' W of hole			M/P
	618	Not	Dug	IN Barn				
	(619/618)	DNT	Visual	EST = 7min			OK/P	

REMARKS TESTED - WET SEASON Holes staked per plan except 619/618
 SANITARIAN Kacie BACKHOE Ketterman OTHERS Mr. Brown
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Hole 620 not dug due to utility lines not marked
 4-30-04 Utilities Marked
 PESP - Lot 3

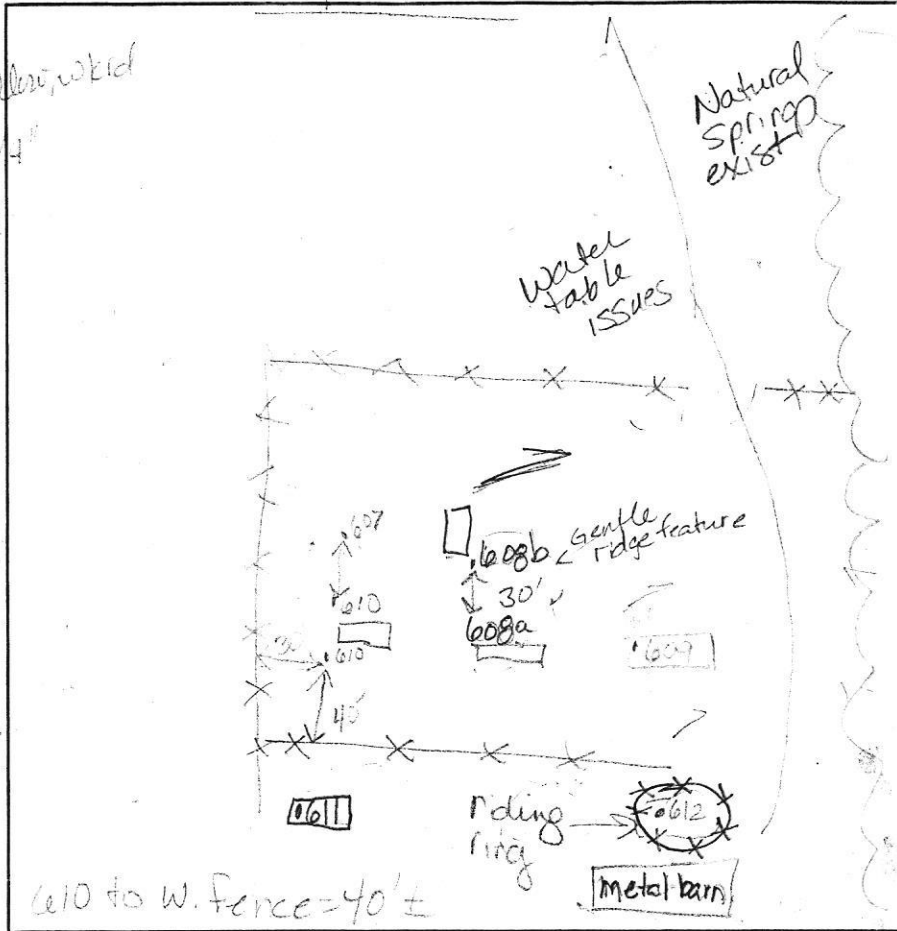
AP 520113-A

RT108

610 / 607

S 613 N
 Rd SCL Dense CL
 SCLam pockets in Lam
 Rx 50%
 yellow tan fine sand
 Bottom 14'

yellow, white
 13 1/4"
 4 1/4"
 2"



4'
 Str rd SiCL w/mica
 14' Bottom
 WK rd br tan white micac fine SAND
 trace Rx

608
 Str red tightly packed
 SCLL micac mn on rock faces
 Rx 20%
 Lt brn tan fine sand LS v. loose ball formed
 Bottom 14 1/2'

5'
 612
 DK rd brn SiCLL pocketscl
 WK org br SL trace Rock
 14' Bottom

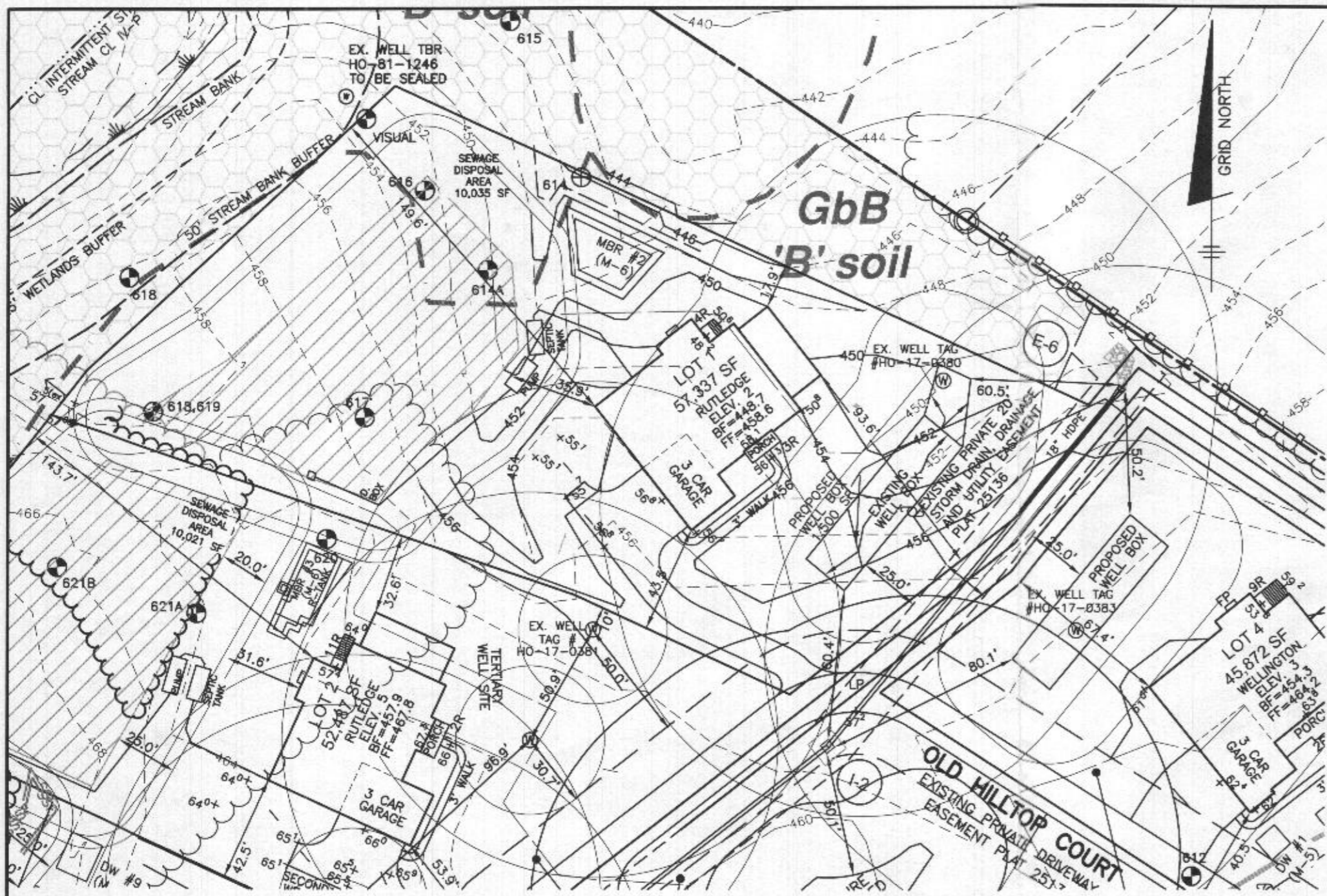
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
	610	4 1/2' / 1 1/2'	1:49	1:59	2:21	22	P
	609	5 1/2'	2:01	2:22	2:52	30	P
	608	both Visuals					OK
	KC	ASKED FOR	HAVE	ON	STATE	608	
		DUE TO RIDGE FEATURE					
	Visual 608b	No Rock at all			Deep SCLL, thin fine LS @ bot		
	611	4' 10"	2:40	2:52	3:14	22	OK
	612	5'S	Visual			Est 20	

611
 Strong Brown
 mix L to CLL
 Lt brn white black SL
 14' Bottom

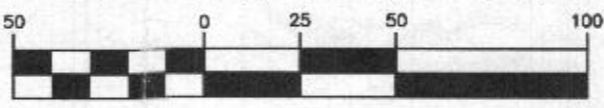
609
 Strong rd, dense CLL
 SM Q+2 pocket ~10%
 SCLL - to fine sand
 Lt brn Md gr S
 Bottom 14'

REMARKS 610 represents hole 607, too. Holes 608b and a exist.
 SANITARIAN Kacie BACKHOE Kettermans OTHERS Mr. Brown
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH 6 MAX. BOT DEPTH 8 EFFECTIVE SW _____

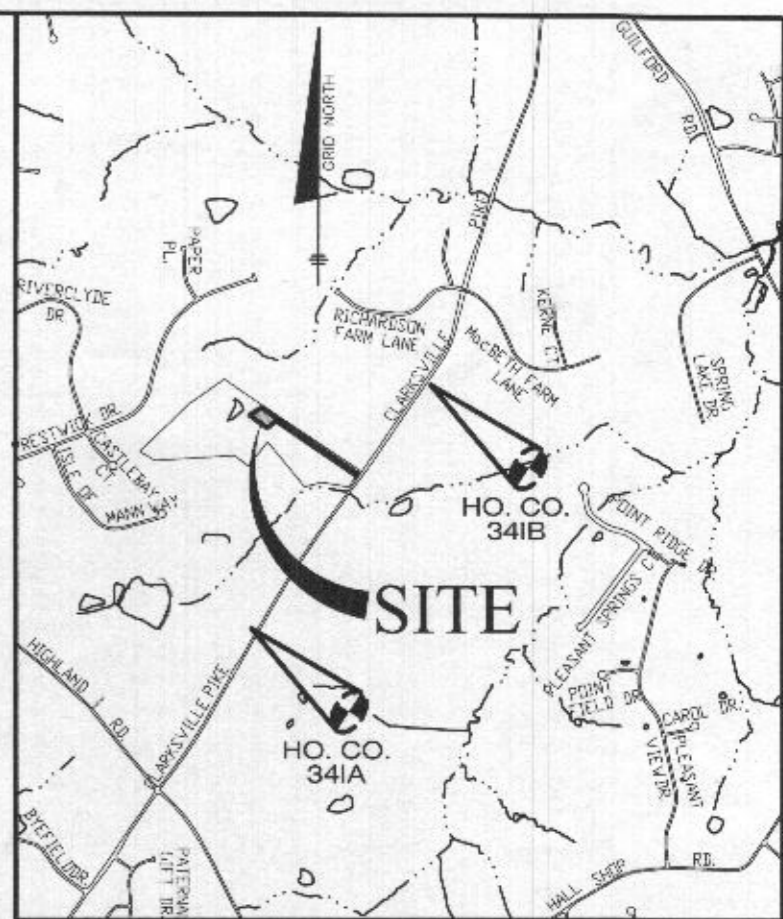
PESP Lot 2



PLAN VIEW
1" = 50'



(IN FEET)
1 inch = 50 ft.



GENERAL NOTES SCALE: 1" = 2000' ADC MAP 31; GRID C4

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT. THE LOT SIZE FULFILLS THE REQUIREMENTS OF THE ZONING REGULATIONS, AND IS A RECORDED LOT, PLATS 25134-25137.
2. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA. RECORDATION OF A MODIFIED SEWAGE DISPOSAL AREA SHALL NOT BE REQUIRED.
3. TOPOGRAPHY SHOWN WAS PREPARED BY BENCHMARK ENGINEERING, INC. DATED AUGUST, 2013, AND CONSISTS OF 2 FOOT CONTOUR INTERVALS.
4. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
5. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
6. THE EXISTING WELL SHOWN ON THIS PLAN (HO-17-0380) HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN. THE WELL WAS DRILLED OUTSIDE OF THE ORIGINAL WELL BOX.
7. PERCOLATION TEST FEE RECEIPT NUMBER IS _____, DATED _____.

LEGEND

- SOILS CLASSIFICATION **GgB**
- SOILS DELINEATION
- EXISTING CONTOURS
- EXISTING TREE LINE
- PROPOSED TREE LINE
- WELL BOX
- SEWAGE DISPOSAL AREA
- FIELD LOCATED WELL
- PERCOLATION TEST, PASSING
- PERCOLATION TEST, FAILING

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

[Signature]
HOWARD COUNTY HEALTH OFFICER DATE *11/8/21*

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD DATA PROVIDED BY HOWARD COUNTY HEALTH DEPARTMENT AND IS CORRECT, TO THE BEST OF KNOWLEDGE AND BELIEF.

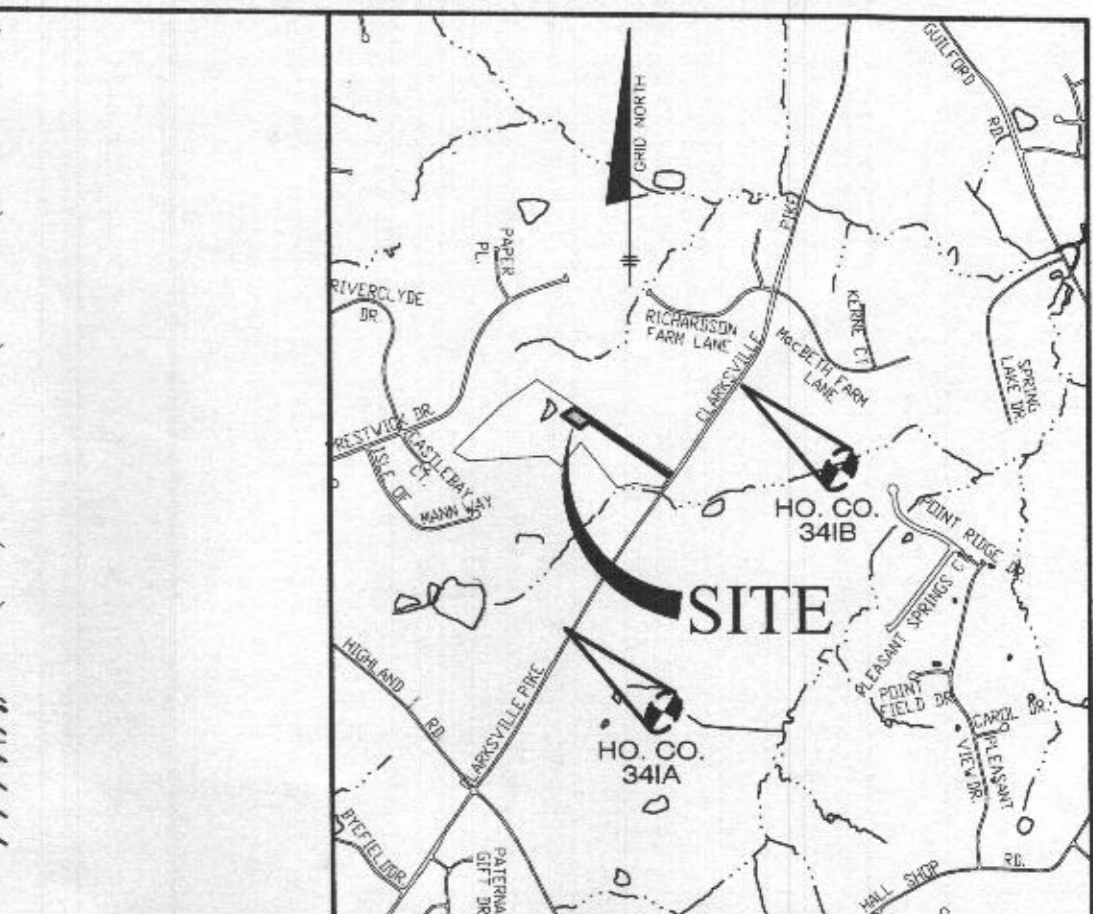
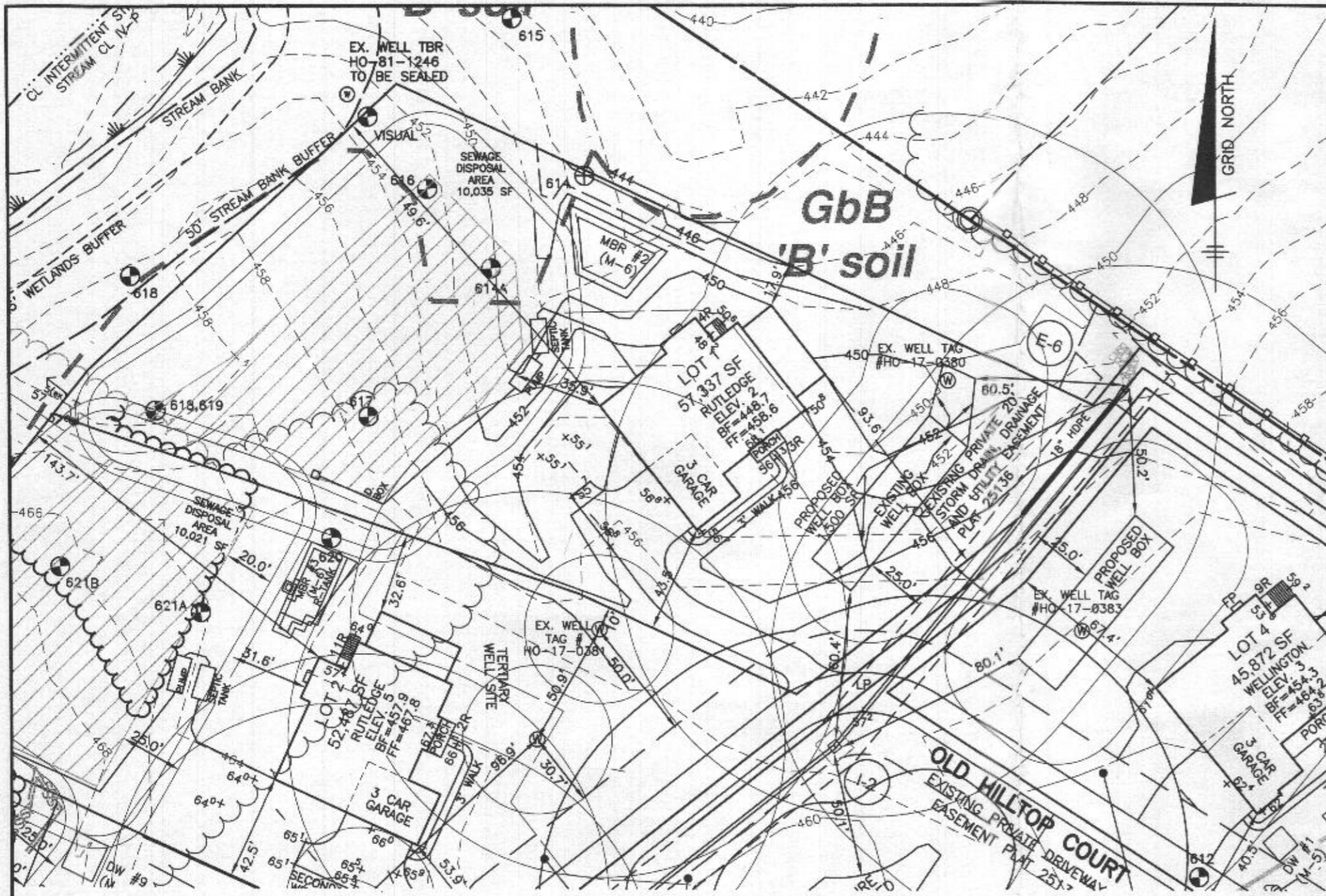
[Signature]
JOHN M. CARNEY, P.E.
PLAN PREPARER FOR BENCHMARK ENGINEERING INC.

PURPOSE STATEMENT: THE PURPOSE OF THIS REVISED PERCOLATION PLAN IS TO REVISE THE WELL BOX TO ENCOMPASS THE DRILLED WELL.

OWNER:
CLARKSVILLE NL, LLC
6800 DEERPATH ROAD,
SUITE 100
ELKRIDGE, MD 21075
410-579-2442

BENCHMARK
ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE • SUITE 315
ELLCOTT CITY, MARYLAND 21043
(P) 410-465-6105 • (F) 410-465-6844
WWW.BEI-CMLENGINEERING.COM

PROJECT: CLARKSVILLE CROSSING LOT 1	
LOCATION: TAX MAP: 34, GRID: 23, PARCEL: 301 6505 OLD HILLTOP CT., TAX ID: 05-602003 ELECTION DISTRICT NO. 5, HOWARD COUNTY, MARYLAND	
TITLE: REVISED PERCOLATION CERTIFICATION PLAN	
HOUSE TYPE: RUTLEDGE	
DATE: SEPTEMBER, 2021	PROJECT NO. 2525
SCALE: AS SHOWN	DRAWING 1 OF 1



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LEGEND

- SOILS CLASSIFICATION **GgB**
- SOILS DELINEATION
- EXISTING CONTOURS
- EXISTING TREE LINE
- PROPOSED TREE LINE
- WELL BOX
- SEWAGE DISPOSAL AREA
- FIELD LOCATED WELL
- PERCOLATION TEST, PASSING
- PERCOLATION TEST, FAILING

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT

[Signature]
HOWARD COUNTY HEALTH OFFICER
DATE: 11/8/21

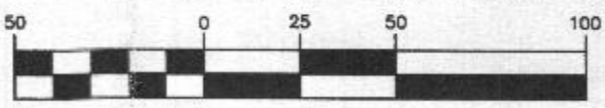
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[Signature]
JOHN M. CARNEY, P.E.
PLAN PREPARER FOR BENCHMARK ENGINEERING INC.

OWNER:
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6800 DEERPATH ROAD,
SUITE 100
ELKRIDGE, MD 21075
410-579-2442

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PLAN VIEW
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