



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 555327-A

AGENCY REVIEW: _____

DATE 10-24-14

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 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) Robert B. Williams, c/o Mildenberg, Boender + Assoc.

DAYTIME PHONE 410-997-0296 CELL _____ FAX 410-997-0298

MAILING ADDRESS 7350-B Grace Drive, Columbia, MD 21044
STREET CITY/TOWN STATE ZIP

APPLICANT Jacob Hikmat, President, Greenberry, Inc.

DAYTIME PHONE 410-997-0296 CELL _____ FAX 410-997-0298

MAILING ADDRESS 7350-B Grace Drive, Columbia, MD 21044
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Greenberry, Non Buildable Bulk Parcel G LOT NO. 27

PROPERTY ADDRESS 1310 Greenberry Lane, Clarksville, MD
STREET TOWN/POST OFFICE

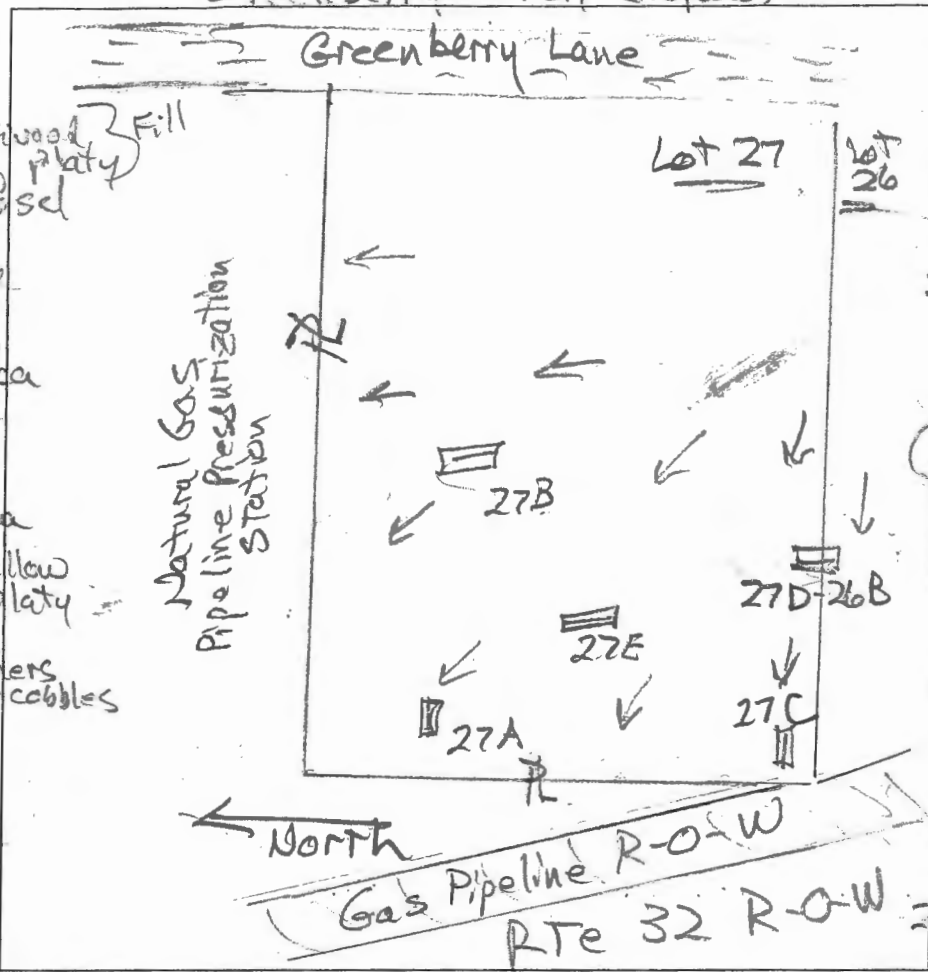
TAX MAP PAGE(S) 28 GRID _____ PARCEL(S) 48 PROPOSED LOT SIZE 48,128 sf

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

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

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

Greenberry Lot 27 (Proposed)



27-C

3' charcoal, wood platy
brn L, ss
1.8' red & brn
3msbk, com
5.5' red & brn L
thick platy
common mica
6.7' red & brn sl
thick platy
many mica
pale red & yellow
& black, thin platy
many mica
few channels
& angular cobbles

27-E

15' dk brn L
to brn L, fsk
ss
brn fsl
3msbk, ss
common mica
2.8' brn L
thick platy
common mica
clay skins, ss
4.5' red & yel-brn
sl, fm, mica
5.3' red sl
many mica
7' red ls
w/ yellow & blk
many mica
thick platy
12'

27-A

dk brn L
to red brn L
12msbk, com
red-brn L
2msbk, mica
2.5' red sl
thick platy
many mica
to channels
4.2' red, yellow
blk
many mica
12'

27-B

14' dk brn L
to brn L,
fsk, ss
brn L
2msbk, ss
2.6' red-brn L
3msbk, ss
brn fsl
fm, dense
5.5' red & yel
fsl, fm, dense
6.5' yel ls, thick
platy
common mica
7' red & yellow
ls, thick platy
many mica
12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/11/15	27-C	2.8' / 12.5'	10:15	10:19	10:28	9	P
3/11/15	27-E	6.8' / 12'	10:55	11:05	11:20	15	P
3/11/15	27-A	6' / 12'	11:26	11:31	11:40	9	P
3/11	27-B	12'	Visual	sidewall 0.8	6.5-8 sp 12'		P

ss = slightly sticky

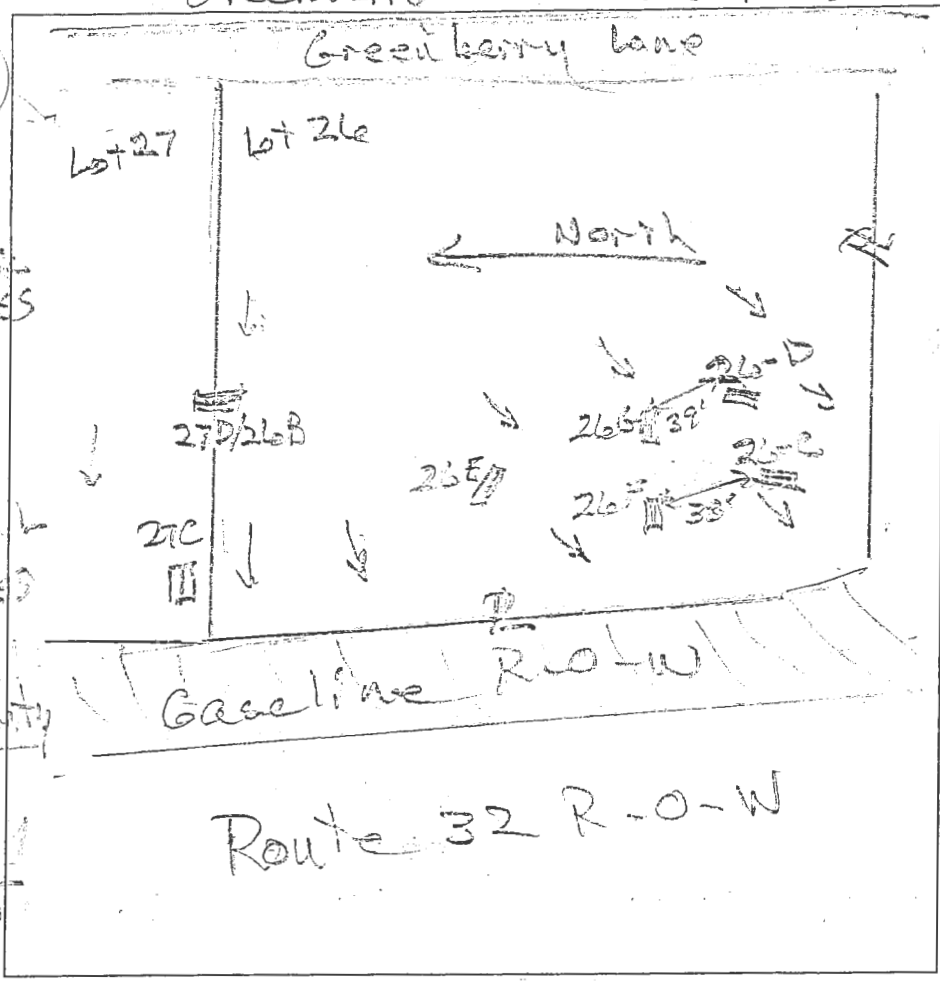
REMARKS _____

SANITARIAN R Bricker BACKHOE JSA OTHERS Jacob Hikmat

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

Greenberry Lot 26 (Proposed)



(26B 27D)
 grey brn L
 to yel brn L
 13' brn L 2" ss
 few mica
 2' yel-red L
 thick platy
 clay skins
 37' orn. to yel red L
 thick platy
 clay skins
 6'

26-C
 dk brn L
 1' brn L, 1" ss
 1.9' brn L, 2" ss
 brn sel
 2.5' 2" ss
 red L
 54' thin platy
 10" clay
 red sl
 6' thin platy
 red sl
 3.2' thin platy
 many mica
 red, yel-red
 blk ls
 many mica
 thick platy
 11' red brn ls
 siliceous
 thin platy
 12' few mica
 26-D

7' red sl, mica
 12' (26E)
 11' brn L
 1' brn L
 2' red L
 3.5' yel-red
 thin platy
 many mica
 4.3' red sl
 thick platy
 many mica

26-D
 dk brn L
 1' brn L, 1" ss
 2.5' brn, 2" ss
 4.2' yel-red L
 2" ss
 brn s
 thick platy
 5.5' red sl
 thick platy
 many mica
 6.9' red sl
 thin platy

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/11/15	26D 27D	7' / 12'	12:16	12:18	12:25	7	P
3/11/15	26E	7.5' / 11'	1:58	2:02	2:11	9	P
3/11/15	26C	7.8' / 12'	2:39	3:09	---	---	F
3/11/15	26D	7.9' / 12'	3:22	3:52	---	---	F

REMARKS 26B wood land reached; did not dig 26-A

SANITARIAN P. Becker BACKHOE J&A OTHERS Jacob Hickot

TEST HOLES USED IN SDA S. Collins Nathan Jan AVG. PERC TIME _____ SQ. FT/BR _____

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



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

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

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: Greenberry lane

Subdivision: Greenberry Lot: 27

Initial system: Application rate: 0.8 Effective area beginning depth: 6 Bottom maximum depth: 8
 1st Replacement: Application rate: 0.8 Effective area beginning depth: 5 Bottom maximum depth: 8
 2nd Replacement: Application rate: 0.8 Effective area beginning depth: 6.5 Bottom maximum depth: 8

6.0 revised 2/1/21
reB

Design Flow = 150 gallons per day per bedroom

Design flow ÷ application rate = square footage of drainfield required

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

Sidewall reduction credit formula:

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

Standard design requirements:

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

Additional requirements:

~~BAT unit~~ reB 3/28/18

Approved: R Bricker

Date: 2/12/2016

Bricker, Robert

From: Steven Krieg -MDE- <steven.krieg@maryland.gov>
Sent: Tuesday, January 27, 2015 4:20 PM
To: Bricker, Robert
Cc: Williams, Jeffrey
Subject: Re: Greenberry Lot 27

Thanks Robert.

Consider it approved with the conditions you mention.

On Tue, Jan 27, 2015 at 10:02 AM, Bricker, Robert <RBricker@howardcountymd.gov> wrote:

Steve,

Attached PDF is a photocopy of part of a perc proposal. The proposal is to add two lots to the Greenberry subdivision which has not been recorded yet. We recommend approval of the proposed well-SDA spatial relationships with the following conditions:

1. A BAT unit is included in the septic system for Lot 10.
2. All septic system drainfields installed on Lot 10 are to be designed for low-pressure distribution, or equivalent.
3. The well to be installed on Lot 27 will have steel casing installed to at least 50 foot depth or 10 feet into competent bedrock, whichever is deeper.

Robert

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](tel:410-313-2691); Program, 4120-313-1771; Bureau, [410-313-1774](tel:410-313-1774)

Fax: [410-313-2648](tel:410-313-2648)

E-mail: rbricker@howardcountymd.gov

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Steven R. Krieg, LEHS
Regional Consultant for Mid and Western MD

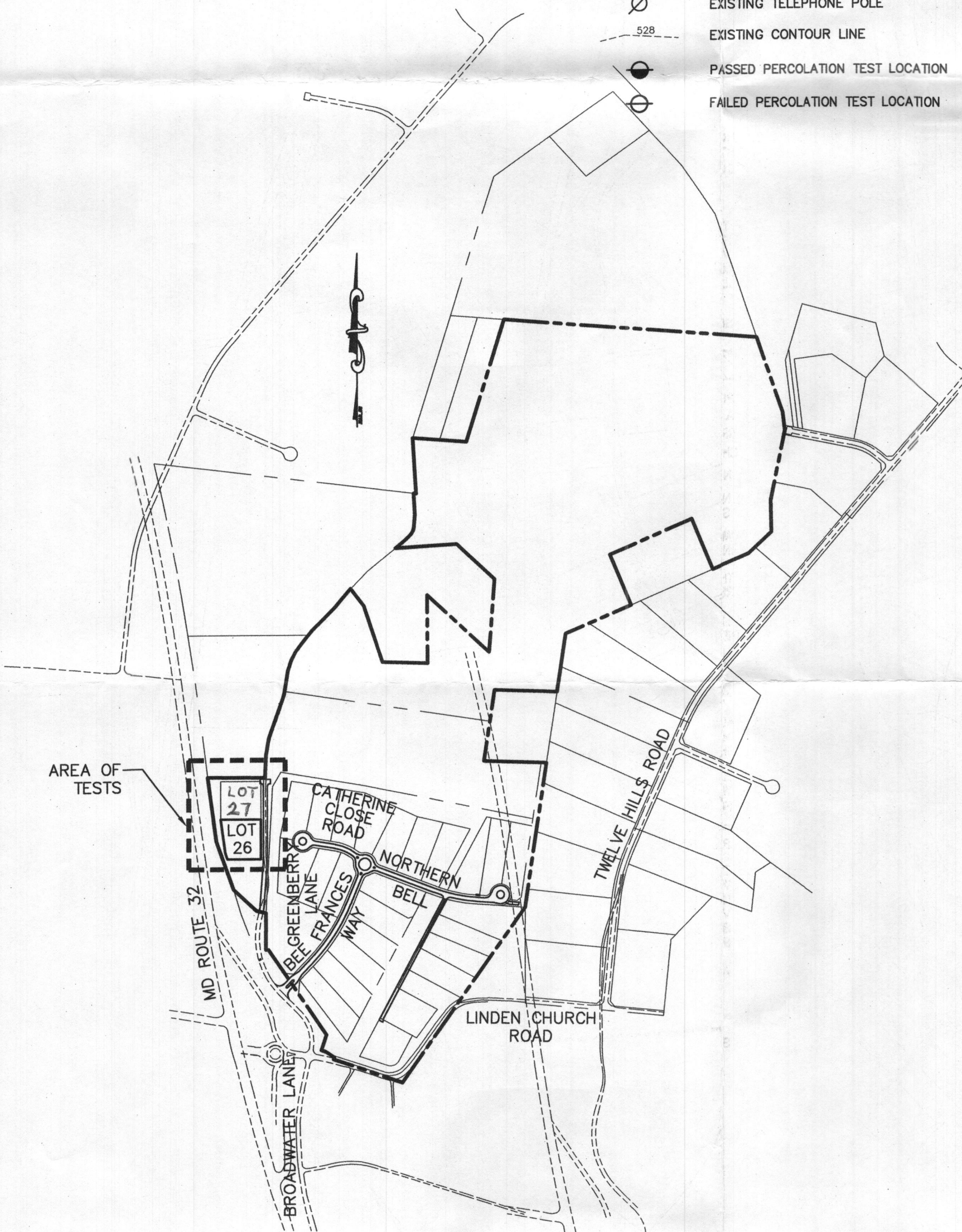
On-site Systems Division
Wastewater Permits Program
Water Management Administration
Maryland Department of the Environment

SOILS TABLE

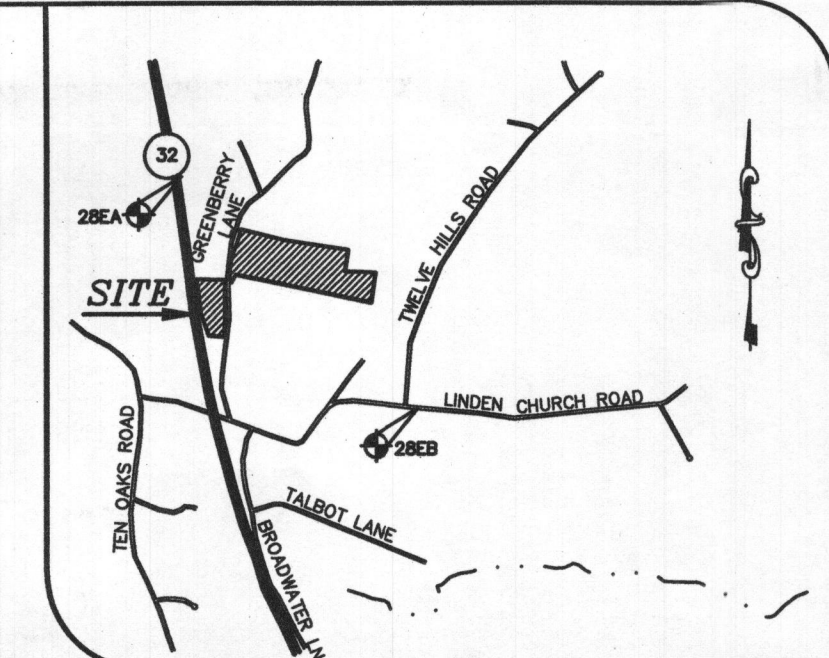
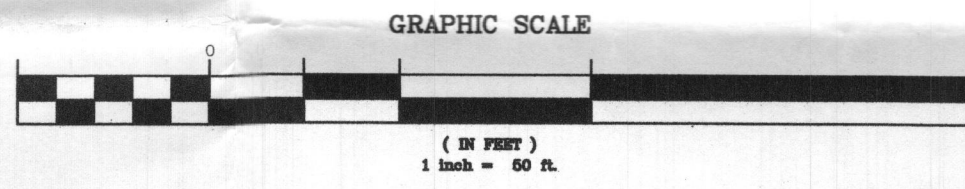
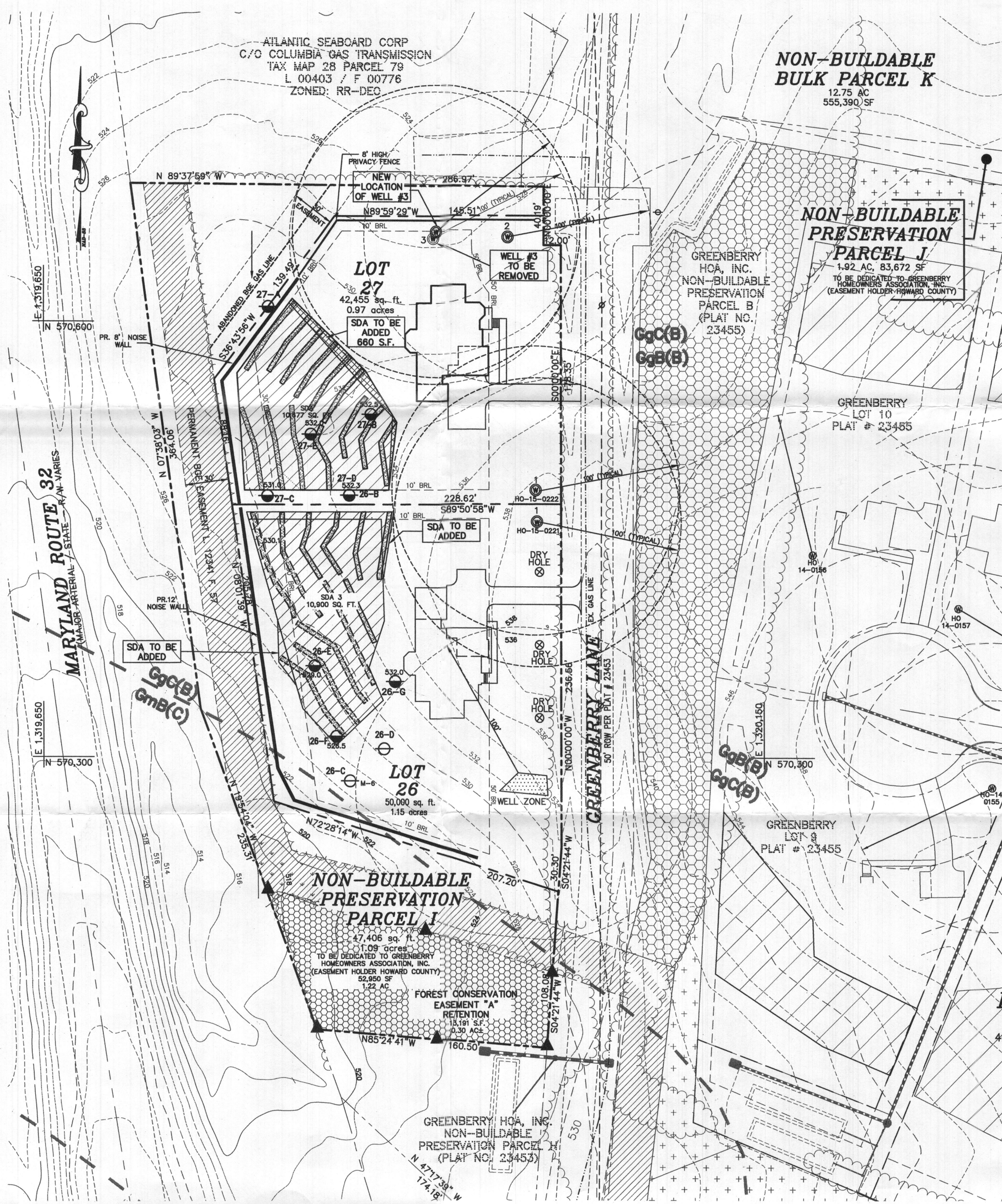
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GgB	(B)	GLENELG LOAM, 3-8% SLOPES.	.20
GgC	(B)	GLENELG LOAM, 8-15% SLOPES.	.20
GmB	(C)	GLENVILLE SILT LOAM, 3 TO 8% SLOPE	

LEGEND

- EXISTING PERMANENT BGE EASEMENT (L 12341 F 57)
- FOREST CONSERVATION EASEMENT (RETENTION)
- FOREST CONSERVATION EASEMENT (AFFORESTATION)
- EX. WETLANDS
- PROPOSED SEPTIC TRENCHES
- SDA TO BE ADDED
- PROPOSED WELL ZONE
- EXISTING POTABLE WATER WELL
- PROPOSED POTABLE WATER WELL
- DRY HOLE
- SOIL DIVISION LINE
- EXISTING TELEPHONE POLE
- EXISTING CONTOUR LINE
- PASSED PERCOLATION TEST LOCATION
- FAILED PERCOLATION TEST LOCATION



OVERALL MAP
SCALE: 1"=600'



VICINITY MAP
SCALE: 1" = 2000'
ADC MAP 24 GRID F8

NOTES:

- THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE OCTOBER 6, 2013 ZONING REGULATIONS
- SITE ANALYSIS DATA:
LOCATION: TAX MAP: 28 GRID: 9 PARCEL: 48 LOT 26
ELECTION DISTRICT: FIFTH
ZONING: RR-DEO
TOTAL AREA: 1.15 AC.±
LIMIT OF DISTURBED AREA: N/A
PROPOSED USE FOR SITE: RESIDENTIAL
TOTAL NUMBER OF UNITS: 1
TYPE OF PROPOSED UNIT: SFD
DEED REFERENCE: 19168 / 240
PREVIOUS DPZ FILE #S: ECP-13-026, SP-13-010, F-14-095, ECP-16-050, F-16-022
- HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 28EA & 28EB
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- SOILS LOCATION AND CLASSIFICATION BASED ON HOWARD COUNTY GIS SOIL SURVEY DATA.
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- NO CEMETERIES OR BURIAL GROUNDS EXISTS ON-SITE.
- NO HISTORIC DISTRICTS ARE ADJACENT TO THIS SITE. SITE IS NOT ADJACENT TO A DESIGNATED SCENIC ROAD.
- WETLANDS AND FOREST STAND DELINEATION WAS PREPARED BY ECO-SCIENCE PROFESSIONALS, INC. IN MARCH 2016.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THIS SYMBOL DESIGNATES A PASSED PERCOLATION TEST LOCATION
- THIS SYMBOL DESIGNATES A FAILED PERCOLATION TEST LOCATION
- ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES, AND ANY WELL UP TO 300 FEET DOWNGRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS HAVE BEEN SHOWN.
- AT YIELD TEST, THE WATER FROM WELLS BEING INSTALLED ON LOTS 26 AND 27 WERE SAMPLED AND ANALYZED FOR ELEMENTAL SODIUM AND CHLORIDE, AND FOR TOTAL DISSOLVED SOLIDS (TDS).
- PROPOSED WELLS ON LOT 27 ARE LOCATED MORE THAN 200 FEET FROM THE SEPTIC RESERVE AREA ON LOT 10.
A. WELLS WILL BE REQUIRED TO HAVE STEEL CASING TO A MINIMUM DEPTH OF 50 FEET, OR 10 FEET INTO COMPETENT BEDROCK, WHICHEVER IS DEEPER, AND BE AT LEAST 200 FEET DISTANCE FROM ANY SEPTIC SYSTEM DRAINFIELD THAT IS UPGRADED.
B. THE SEPTIC SYSTEMS INSTALLED ON LOT 10 WILL HAVE THESE CHARACTERISTICS:
1. A BAT UNIT MUST BE INSTALLED IN THE INITIAL SYSTEM.
2. ALL DRAINFIELDS INSTALLED IN THE RESPECTIVE SDA WILL BE DESIGNED FOR LOW-PRESSURE DISTRIBUTION OR EQUIVALENT.

Lot 27 Perc Cert Revision, 2/23/21

THE PURPOSE OF THIS REVISED PERC CERTIFICATION PLAN IS TO REVISE LOCATION OF WELL #3 AND RECONFIGURE SEWAGE DISPOSAL AREA ON LOT 27

M. 2020.20-020.dwg, 20-020 REVISED, 3-27

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
Barbara Maura Rossman 2/23/21
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT



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. 26859, EXP. DATE 08/08/21
SAMER A. ALOMER P.E. DATE: 02/05/2021

OWNER/DEVELOPER
GREENBERRY, INC.
7350-B GRACE DRIVE
COLUMBIA, MARYLAND 21044
(410)997-0296

date	2/23/21	approval	SAA
project	20-020	engineering	MMB
illustration	MMB	scale	1"=50'

date	9/20/2020	description	REVISED SDA TO ACCOMMODATE LONGER TRENCHES (TRENCHES SHOWN)
date		revisions	

GREENBERRY SECTION II
GREENBERRY PRESERVATION PARCELS 'I', AND 'J', AND
NON-BUILDABLE BULK PARCEL 'K',
LOT # 26 AND 27, PARCEL 48, NON-BUILDABLE BULK PARCELS C AND G
TAX MAP 28, PARCEL 48, HOWARD COUNTY, MARYLAND
FIFTH ELECTION DISTRICT
REVISED PERCOLATION CERTIFICATION PLAN

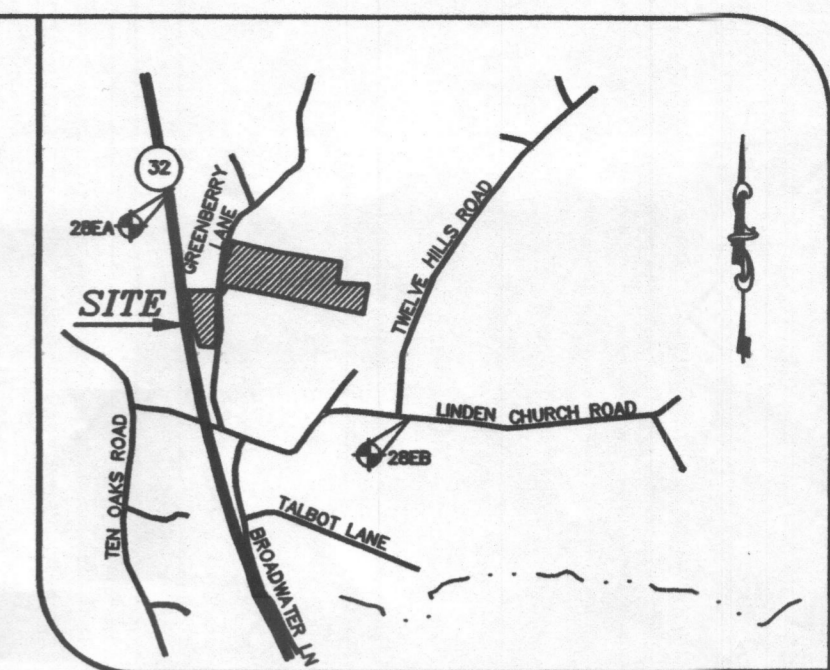
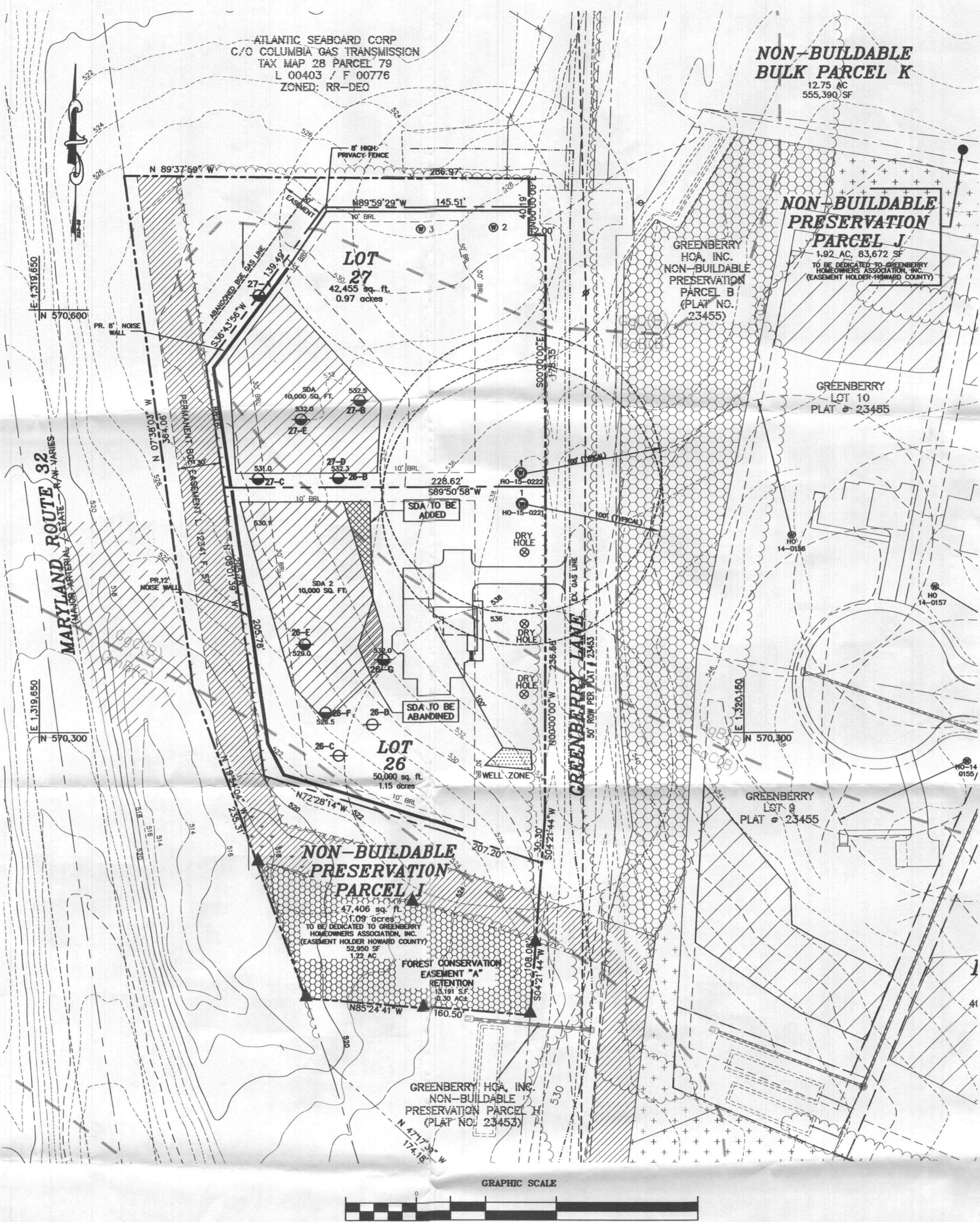
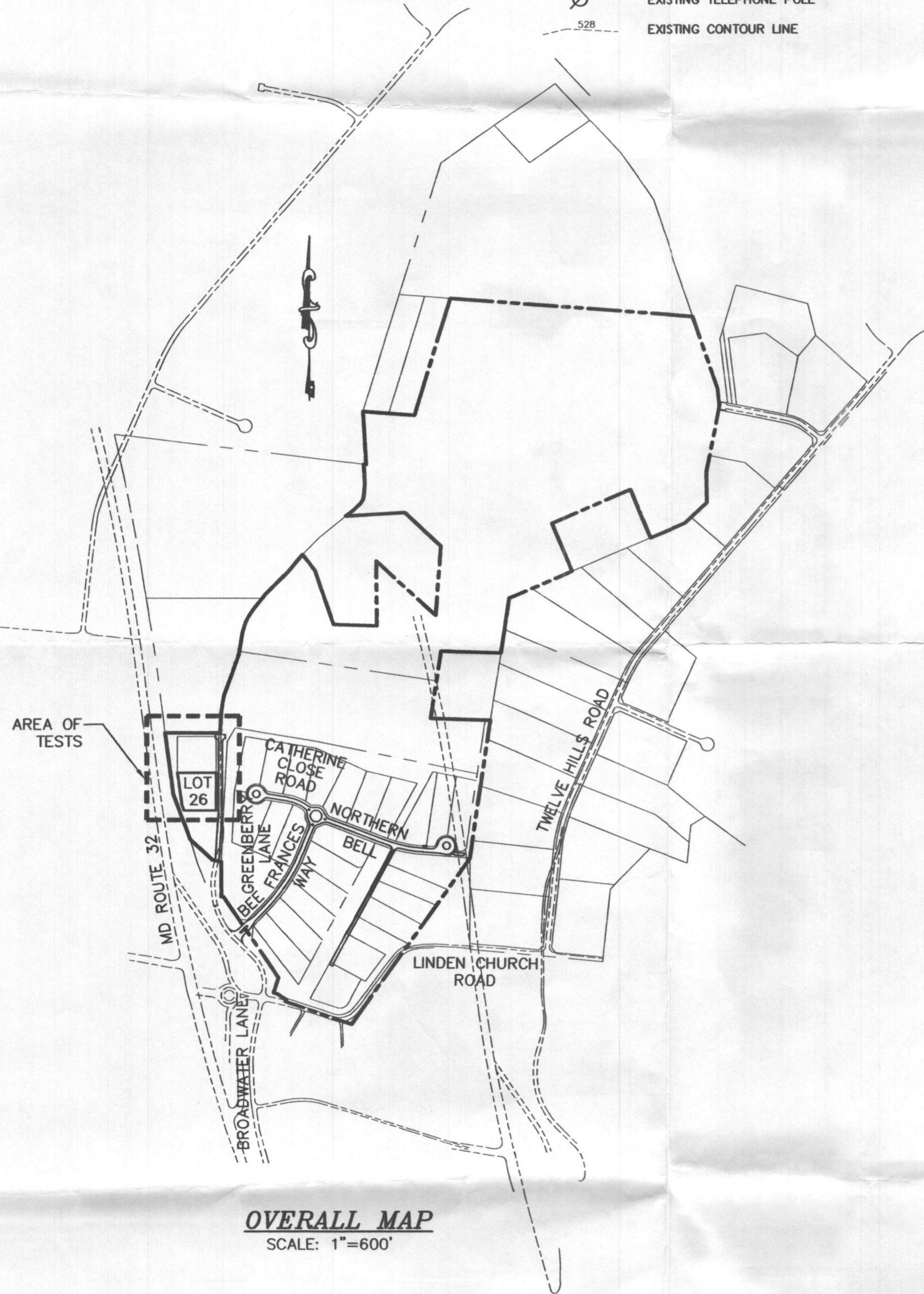
MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
7805-B Grace Drive, Columbia, Maryland 21044
(410) 997-0296 Tel. (410) 997-0298 Fax.

SOILS TABLE

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GgC	(B)	GLENELG LOAM, 8-15% SLOPES.	.20
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- SOILS LOCATION AND CLASSIFICATION BASED ON HOWARD COUNTY GIS SOIL SURVEY DATA.
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- PROPOSED WELLS ON LOT 27 ARE LOCATED MORE THAN 200 FEET FROM THE SEPTIC RESERVE AREA ON LOT 10.
- THE MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS REVIEWED THE PROPOSED WELL AND SEWAGE DISPOSAL AREA LOCATIONS ILLUSTRATED ON THIS PLAN AS RECOMMENDED BY THE HOWARD COUNTY HEALTH DEPARTMENT, AND HAS GRANTED VARIANCES TO ALLOW WELL LOCATIONS ON GREENBERRY SUBDIVISION, LOT 27 TO BE DOWNGRADIENT OF THE SEWAGE DISPOSAL AREA ON GREENBERRY, LOT 10, PURSUANT TO THE FOLLOWING CONDITIONS:
A. WELLS WILL BE REQUIRED TO HAVE STEEL CASING TO A MINIMUM DEPTH OF 50 FEET, OR 10 FEET INTO COMPETENT BEDROCK, WHICHEVER IS DEEPER, AND BE AT LEAST 200 FEET DISTANCE FROM ANY SEPTIC SYSTEM DRAINFIELD THAT IS UPGRADIENT.
B. THE SEPTIC SYSTEMS INSTALLED ON LOT 10 WILL HAVE THESE CHARACTERISTICS:
1. A BAT UNIT MUST BE INSTALLED IN THE INITIAL SYSTEM.
2. ALL DRAINFIELDS INSTALLED IN THE RESPECTIVE SDA WILL BE DESIGNED FOR LOW-PRESSURE DISTRIBUTION OR EQUIVALENT.

p:\2004\15-008\dwg\FINAL REVISED 26 and 27

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

Samira A. Alomer
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT

9/1/2020
DATE



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. 26859, EXP DATE 08/08/21

SAMER A. ALOMER P.E.
DATE: 08/18/20

DEVELOPER
GREENBERRY, INC.
7350-B GRACE DRIVE
COLUMBIA, MARYLAND 21044
(410)997-0296

OWNER
NAJAF ALLY &
ELIJAH RAZA ALLY
2705 CONET COURT
SILVER SPRING, MARYLAND 20904

THE PURPOSE OF THIS REVISED PERC CERTIFICATION PLAN IS TO RECONFIGURE SEWAGE DISPOSAL AREA ON LOT 26

Lot 26 Perc Cert Revision, 9/1/2020

Project	date	description	revision
20-020	AUG. 2020	engineering	MM
		scale	MM
		approval	RJH

no.	date	description	revisions

GREENBERRY, SECTION II
LOTS 26 AND 27, NON-BUILDABLE PRESERVATION PARCELS 'I', AND 'J', AND NON-BUILDABLE BULK PARCEL 'K'.
TAX MAP 28, PARCEL 48, NON-BUILDABLE BULK PARCELS C AND G
HOWARD COUNTY, MARYLAND
FIFTH ELECTION DISTRICT
REVISED PERCOLATION TEST PLAN

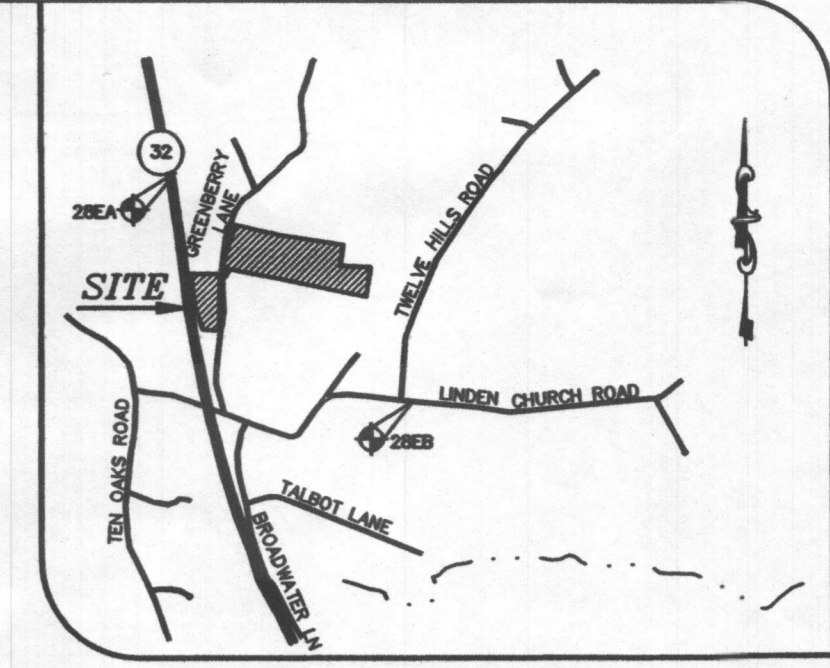
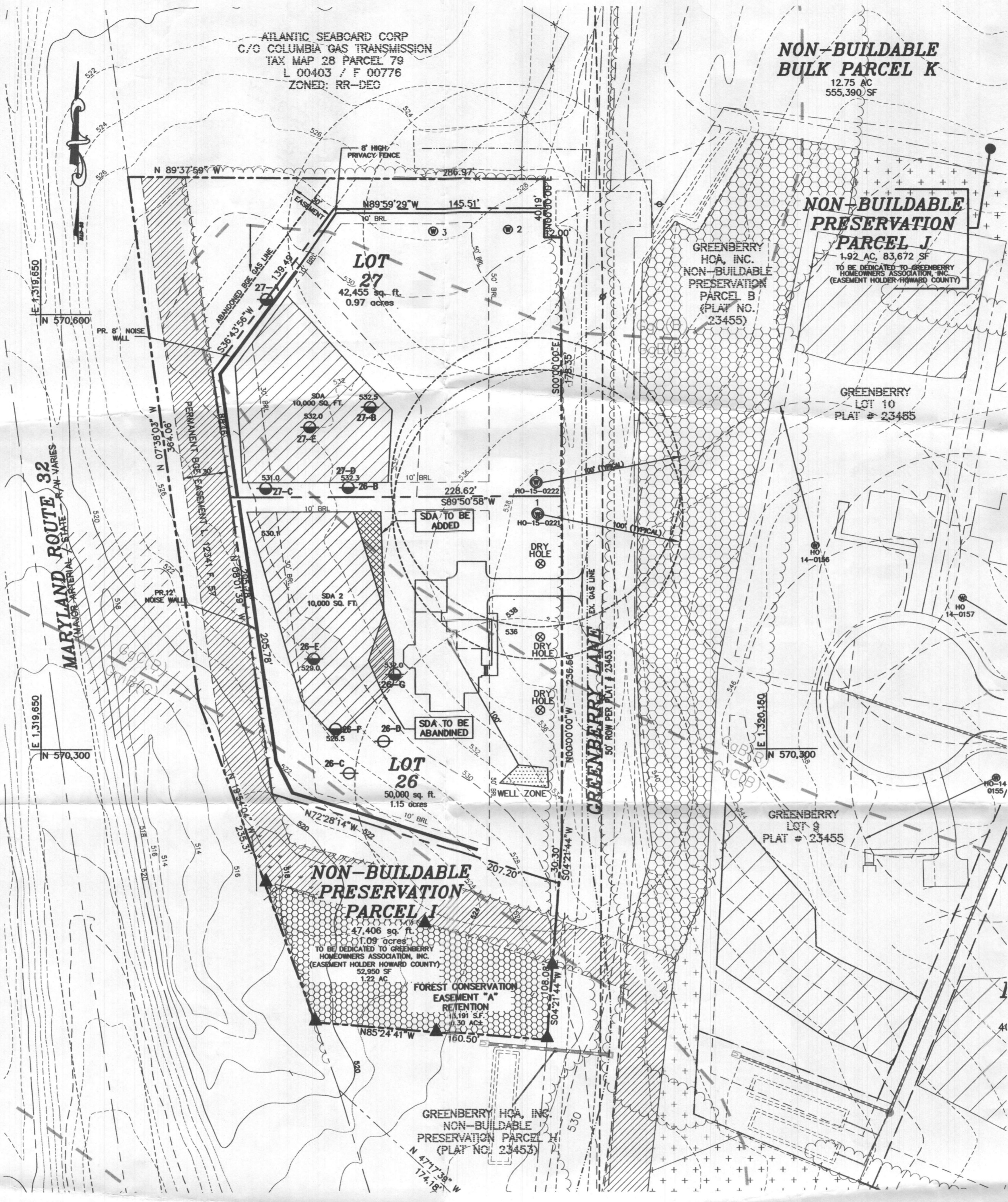
MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
7305-B Grace Drive, Columbia, Maryland 21044
(410) 997-0296 Tel. (410) 997-0298 Fax.

SOILS TABLE

SYMBOL	RATING	NAME	K FACTOR
GgB	(B)	GLENELG LOAM, 3-8% SLOPES.	.20
GgC	(B)	GLENELG LOAM, 8-15% SLOPES.	.20
GmB	(C)	GLENVILLE SILT LOAM, 3 TO 8% SLOPE	

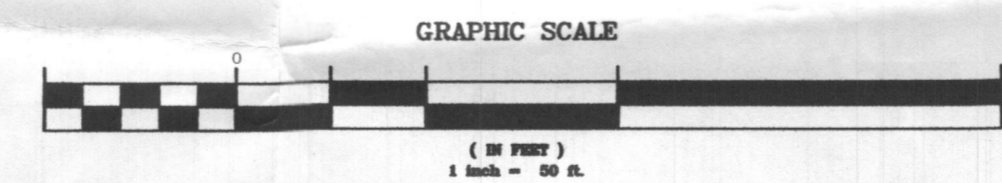
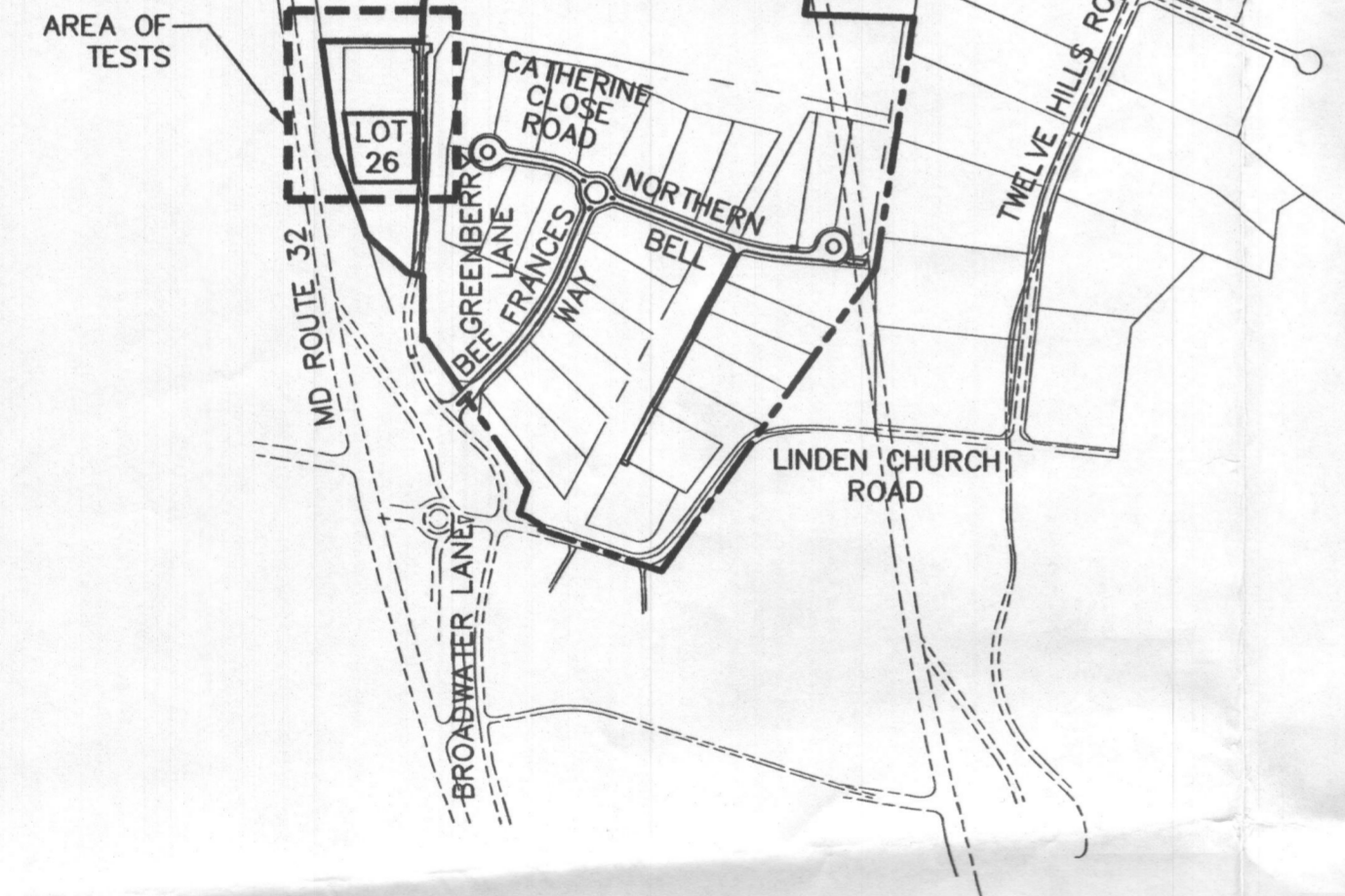
LEGEND

- EXISTING PERMANENT BGE EASEMENT (L 12341 F 57)
- FOREST CONSERVATION EASEMENT (RETENTION)
- FOREST CONSERVATION EASEMENT (AFFORESTATION)
- EX. WETLANDS
- SDA TO BE ABANDONED
- SDA TO BE ADDED
- PROPOSED WELL ZONE
- EXISTING POTABLE WATER WELL
- PROPOSED POTABLE WATER WELL
- DRY HOLE
- SOIL DIVISION LINE
- EXISTING TELEPHONE POLE
- EXISTING CONTOUR LINE



NOTES:

- THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE OCTOBER 6, 2013 ZONING REGULATIONS
- SITE ANALYSIS DATA:
LOCATION: TAX MAP: 28 GRID: 9 PARCEL: 48 LOT 26
ELECTION DISTRICT: FIFTH
ZONING: RR-DEO
TOTAL AREA: 1.15 AC±
LIMIT OF DISTURBED AREA: N/A
PROPOSED USE FOR SITE: RESIDENTIAL
TOTAL NUMBER OF UNITS: 1
TYPE OF PROPOSED UNIT: SFD
DEED REFERENCE: 19168 / 240
PREVIOUS DPZ FILE #S: ECP-13-026, SP-13-010, F-14-095, ECP-16-050, F-16-022
- HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 28EA & 28EB
STA. No. 28EA N 572,158.9652 E 1,319,400.6816 EL. 485.012
STA. No. 28EB N 569,357.3657 E 1,322,113.5747 EL. 536.733
- TOPOGRAPHY WITHIN 200' OF SITE BOUNDARY SHOWN HEREON IS BASED ON AERIAL SURVEY FLOWN BY WINGS TOPOGRAPHY INC. DATED ON OR ABOUT MARCH 2007. TOPOGRAPHY WAS FIELD VERIFIED IN NOVEMBER 2012. OFF SITE TOPOGRAPHY SHOWN IS BASED ON HOWARD COUNTY GIS. MILDENBERG, BOENDER & ASSOCIATES, INC. CERTIFIES THAT THE ON SITE TOPOGRAPHY ILLUSTRATED ON THE PLAN IS AN ACCURATE REPRESENTATION OF FIELD CONDITIONS.
- SOILS LOCATION AND CLASSIFICATION BASED ON HOWARD COUNTY GIS SOIL SURVEY DATA.
- THIS AREA DESIGNATES A SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. PUBLIC SEWERAGE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE SEWAGE DISPOSAL AREA, AND RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- NO CEMETERIES OR BURIAL GROUNDS EXISTS ON-SITE.
- NO HISTORIC DISTRICTS ARE ADJACENT TO THIS SITE. SITE IS NOT ADJACENT TO A DESIGNATED SCENIC ROAD.
- WETLANDS AND FOREST STAND DELINEATION WAS PREPARED BY ECO-SCIENCE PROFESSIONALS, INC. IN MARCH 2016.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- THIS SYMBOL DESIGNATES A PASSED PERCOLATION TEST LOCATION
- THIS SYMBOL DESIGNATES A FAILED PERCOLATION TEST LOCATION
- ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES, AND ANY WELL UP TO 300 FEET DOWNGRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS HAVE BEEN SHOWN.
- AT YIELD TEST, THE WATER FROM WELLS BEING INSTALLED ON LOTS 26 AND 27 WERE SAMPLED AND ANALYZED FOR ELEMENTAL SODIUM AND CHLORIDE, AND FOR TOTAL DISSOLVED SOLIDS (TDS).
- PROPOSED WELLS ON LOT 27 ARE LOCATED MORE THAN 200 FEET FROM THE SEPTIC RESERVE AREA ON LOT 10.
- THE MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS REVIEWED THE PROPOSED WELL AND SEWAGE DISPOSAL AREA LOCATIONS ILLUSTRATED ON THIS PLAN AS RECOMMENDED BY THE HOWARD COUNTY HEALTH DEPARTMENT, AND HAS GRANTED VARIANCES TO ALLOW WELL LOCATIONS ON GREENBERRY SUBDIVISION, LOT 27 TO BE DOWNGRADIENT OF THE SEWAGE DISPOSAL AREA ON GREENBERRY, LOT 10, PURSUANT TO THE FOLLOWING CONDITIONS:
A. WELLS WILL BE REQUIRED TO HAVE STEEL CASING TO A MINIMUM DEPTH OF 50 FEET, OR 10 FEET INTO COMPETENT BEDROCK, WHICHEVER IS DEEPER, AND BE AT LEAST 200 FEET DISTANCE FROM ANY SEPTIC SYSTEM DRAINFIELD THAT IS UPGRADIENT.
B. THE SEPTIC SYSTEMS INSTALLED ON LOT 10 WILL HAVE THESE CHARACTERISTICS:
1. A BAT UNIT MUST BE INSTALLED IN THE INITIAL SYSTEM.
2. ALL DRAINFIELDS INSTALLED IN THE RESPECTIVE SDA WILL BE DESIGNED FOR LOW-PRESSURE DISTRIBUTION OR EQUIVALENT.



Lot 26 Perc Cert revision
9/1/2020

THE PURPOSE OF THIS REVISED PERC CERTIFICATION PLAN IS TO RECONFIGURE SEWAGE DISPOSAL AREA ON LOT 26

p:\2004\15-008\dwg\FINAL REVISED 26 and 27

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
Maureen Rossman 9/1/2020
COUNTY HEALTH OFFICER
HOWARD COUNTY HEALTH DEPARTMENT



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. 26859, EXP DATE 08/08/21
SAMER A. ALOMER P.E. 08/18/20
DATE:

DEVELOPER
GREENBERRY, INC.
7350-B GRACE DRIVE
COLUMBIA, MARYLAND 21044
(410)997-0296

OWNER
NAJAF ALLY &
ELIA RAZA ALLY
2705 CONET COURT
SILVER SPRING, MARYLAND 20904

Project	date	approval
20-020	AUG. 2020	MMH
Illustration	engineering	MMH
scale	1"=50'	RH

no.	description	date
	revisions	

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