

Bureau of Environmental Health
 7178 Gateway Drive Columbia, MD 21046
 (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

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME _____ LOT # par 1

PROPERTY ADDRESS 14845 Bushy Park Rd Woodbine 21797
STREET TOWN ZIP

TAX ACCOUNT # 327160 TAX MAP 8 GRID 22 PARCEL 90 ZONING DESIGNATION _____

PROPERTY OWNER(S) Charles Robert Sands JR.

DAYTIME PHONE 410-489-7900 CELL 410-984-4851 EMAIL chuckzepp@mris.com

MAILING ADDRESS 14865 North Ave. Lisbon Maryland 21765
STREET CITY, STATE ZIP

APPLICANT Chuck Zepp RELATIONSHIP TO OWNER: developer/consultant

DAYTIME PHONE _____ CELL 410-984-4851 EMAIL chuckzepp@mris.com

MAILING ADDRESS 14865 North Ave. Lisbon Maryland 21765
STREET CITY, STATE ZIP

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

- ~~BUILDING:~~
 RESIDENTIAL WITH 4 EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE
 COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE AND NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)

- PROPERTY:
 SUBDIVISION: NUMBER OF LOTS INCLUDING RESIDUE: _____
 CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
 REPAIR OR REPLACE FAILING OSDS
 UPGRADE EXISTING OSDS

- IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?
 YES
 NO

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
- THE APPLICATION FEE IS NON-REFUNDABLE
- THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
- THIS IS A PUBLIC DOCUMENT

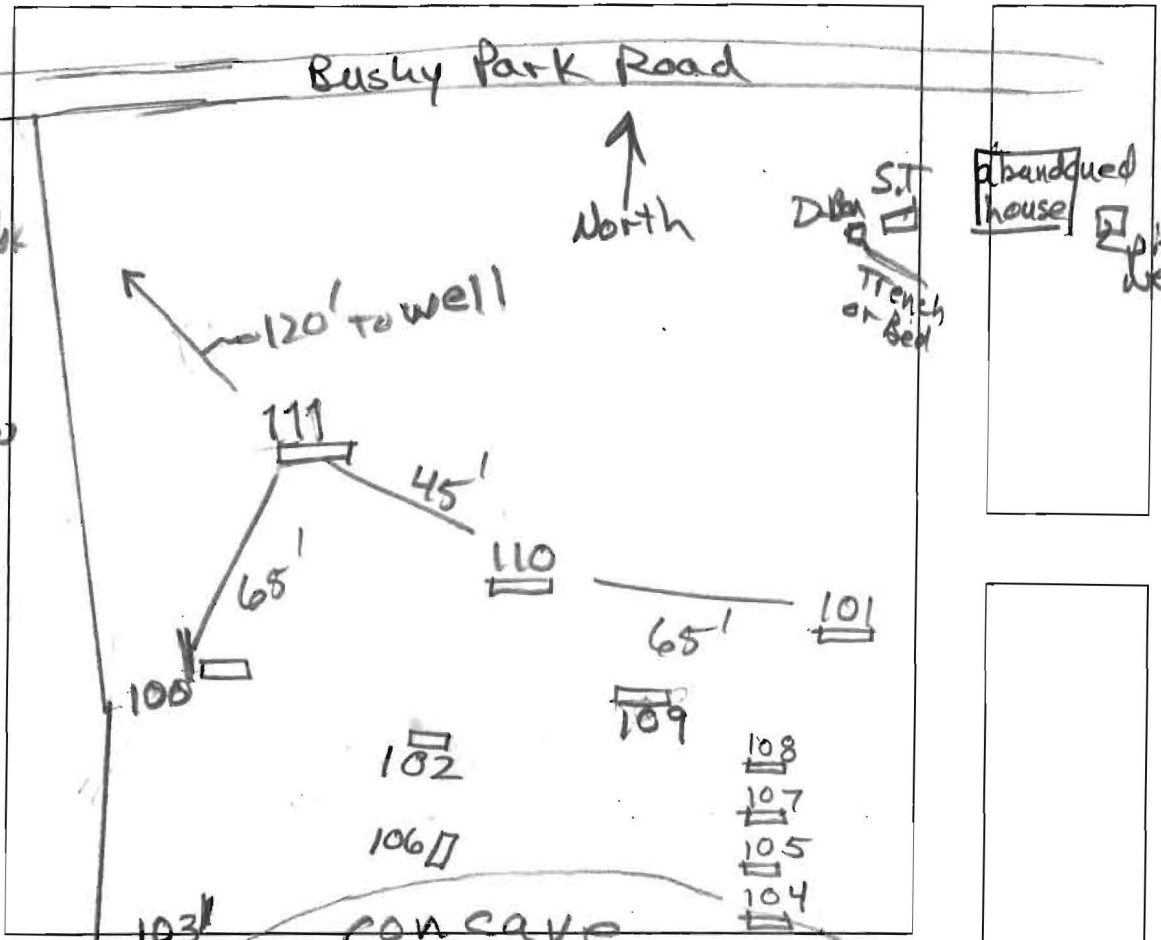
I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.

By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.

10/2/13

SIGNATURE OF APPLICANT

DATE



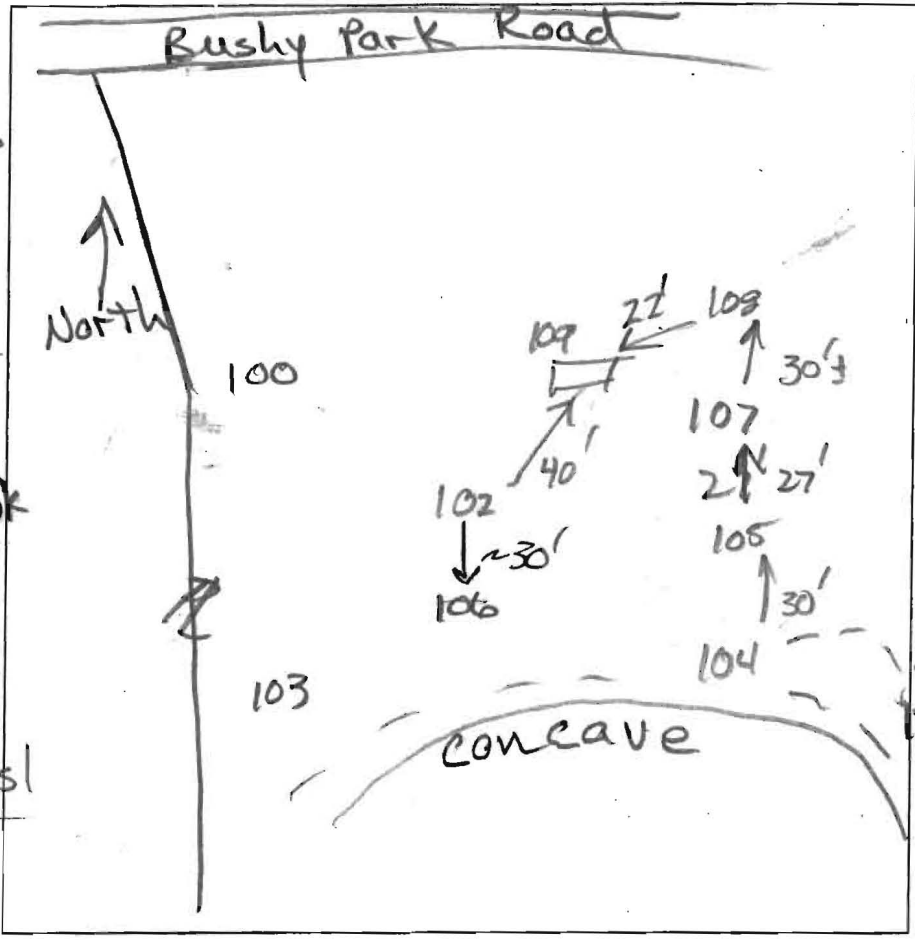
110
 brn L
 to brncl
 6.5' red cl, 2msbk
 4' s. sticky
 4.5' red & yel
 L, sm
 12' red & yellow
 fsl, sm
 com.
 to many
 v.f. mica

111
 brn L
 to brncl
 12' red cl
 2msbk
 3' red & yel L.
 sm, s. sticky
 4' red & yellow
 fsl
 many mica
 11' brn-yellow
 ch sl
 12' many mica

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/24/13	110	12'	Visual		4' TO 8'	0.8 gpd/ft ²	P
10/24/13	111	12'	Visual		4' TO 8'	0.8 gpd/ft ²	P

REMARKS Initial System load rate is 0.8 gpd/ft²
 SANITARIAN R. Bricker BACKHOE Chuck Zapp OTHERS Tim Feaga
 TEST HOLES USED IN SDA 100, 101, 102, 103, 106, 109 AVG. PERC TIME SQ. FT/BR
 TRENCH WIDTH INLET DEPTH 110, 111 MAX. BOT DEPTH EFFECTIVE S/W

Bushy Park Road



- 105**
- 0.1' dk gray-brn L
 - brn chL
 - 0.7' 1 f.sbk
 - brn cl
 - 2.2' 2 f.sbk
 - yel-red cl
 - 4' 2 f.sbk
 - red L, msbk
 - clay coatings
 - few mica
 - 6.5' red L, Øm
 - few mica
 - 11' yel & red fsl
 - 12'

- 107**
- brn L
 - to brn cl
 - 3'
 - yel-red cl
 - 4.5' yel & red L
 - 9'

- 108**
- brn L
 - to brn cl
 - 33'
 - yel-red L
 - 4.5' red L
 - 7' x fl L
 - 9'

- 106**
- 0.1' dk gray-brn L
 - brn L, 2 f.sbk
 - red cl, 2 f.sbk
 - 2' red L, Lmsbk
 - 3' (3 p. yellow)
 - red & yellow L, Øm
 - 4' dense
 - red & yellow fsl, Øm
 - red (pale yellow)
 - com. to many v.f. mica

- 109**
- brn L
 - to brn cl
 - 1.5'
 - red cl
 - s.s. sticky
 - 3'
 - red L
 - clay coats
 - s.s. sticky
 - 4'
 - red & yell L
 - Øm
 - 5'
 - red & yell
 - Øm sts
 - 20% stones
 - 6.5'
 - red & yellow fsl, Øm
 - com. to many v.f. mica
 - 10'
 - red & yellow chsl
 - 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/24/13	105	7 1/2'	1:58	2:28	no movement		F
10/24/13	106	12'	Visual		4' to 8' 0.8 gpd/ft ²		P
10/24/13	107	9'	Visual		0.39 gpd/ft ²		F
10/24/13	108	7'	Visual		65% rock		F
10/24	109	12'	Visual		4-8 s.d. well 0.16 gpd/ft ²		P

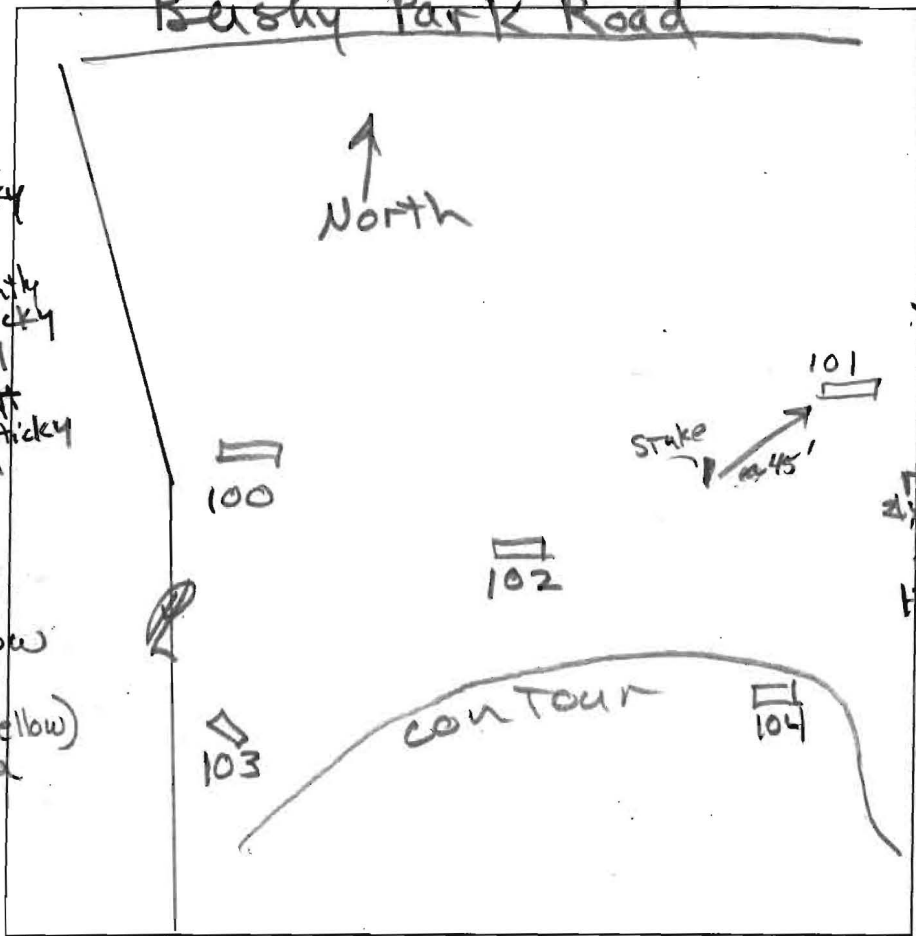
REMARKS: '109' is boundary line from '02 thru '09' to '10'

SANITARIAN R Bricker BACKHOE Chuck Zapp OTHERS Tim Feaga

TEST HOLES USED IN SDA 100, 101, 102, 103, 106, AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH 109, 110, 111 MAX. BOT DEPTH _____ EFFECTIVE SW _____

Bushy Park Road



A/P
103

0.2' dk brn L
brn chl
2 fsbk, sticky

1' yel-red cl
2msbk, slightly sticky

2.6' yel-red chl
2msbk, slight sticky

4' yel-red loam
1 fsbk

4.5' variegated saprolite
red & yellow
fsl, Øm
f 2d (pale yellow)
very fine mica

com. to many
12'

102

0.2' dk brn L
0.6' brn L, 2 fsbk
1' brn cl, 2msbk
100% channels
sticky

2' yel-red cl
2msbk, sticky

3.6' red & yellow
L, 1msbk

5' variegated
saprolite
red & yellow
fsl, Øm
com. to many v. fine mica

104

0.2' dk brn L
yel-brn L
2msbk

0.6' brn cl
2msbk

1.5' brn-yel (10YR 5/6)
L, fsbk (6/6)

2' brn (7.5YR 5/6)
L, 2 fsbk (2)

dense, brittle
friable (pops)
MPP (7.5YR 7/1)
f 2d (10YR 7/2)

2.6' v. channery
7.5YR 5/8

4' brn L, dense
8.5YR 5/8 Øm

100

0.3' dk grey-brn L
dk grey & brn L
2 fsbk

0.9' brn chl
2msbk

1.2' red cl, 2msbk

2' red L, 1msbk

2.7' dense
red & yellow
fsl, Øm
com. to many v. fine mica

101

0.2' dk grey-brn L
dk grey & brn L
2 fsbk

0.7' brn cl
2msbk to 2 fsbk
few gravel

3' red cl, 2msbk

4.5' red L, 2msbk

red & yel fsl
Øm common
to many v. fine mica

12.5'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H	
10/24/13	103	12'	Visual	4.5' to 8' OK	0.8 gpd/ft ²		P	
10/24/13	104	5.2'	evidence of perched water dense soil, possible fragipan					H
10/24	102	5.3/12'	12:40	12:52	1:15	23	P	
10/24	100	5.8/12'	12:38	12:53	1:16	23	P	
10/24/13	101	12.5'	Visual	6' to 8' OK	0.6 gpd/ft ²		P	
10/24	105	7'/12'	1:58	2:28	no movement		F	
10/24	106	12'	Visual	4' to 8' OK	0.8 gpd/ft ²		P	

5.2' STOP

REMARKS #101 moved ~45' ; 104 dry colors

SANITARIAN R. Bricker BACKHOE Chuck Zepp OTHERS Tim Feaga

TEST HOLES USED IN SDA 100, 101, 102, 103, 106 AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH 109, 110, 111 MAX. BOT DEPTH _____ EFFECTIVE SW _____

Tony,

A sentence needs to be added to Note 13 on the Sands Property perc cert. The note concerns MDE variance; the sentence we need added is "MDE GRANTS VARIANCE WITH THE CONDITION THAT A LOW-PRESSURE DISTRIBUTION DESIGN IS REQUIRED FOR ANY DRAINFIELD INSTALLED IN THE APPROVED SDA ON THIS PLAN."

You may add this statement to Note 13 and re-submit the plan, or I can hand-write the amendment and forward the plan for signature approval.

Let me know your preference.

Robert Bricker, REHS/R.S.

Copy: Chuck Zepp

From: Bricker, Robert
Sent: Friday, December 06, 2013 10:33 AM
To: 'Tony Fertitta'
Subject: CJ Sands perc cert comment

See attached WORD file.

ROBERT BRICKER, CPSS, REHS/RS

ENVIRONMENTAL HEALTH SPECIALIST

DEVELOPMENT COORDINATION SECTION, WELL AND SEPTIC PROGRAM

HOWARD COUNTY BUREAU OF ENVIRONMENTAL HEALTH

8930 STANFORD BOULEVARD

COLUMBIA, MD 21045

410-313-2691; fax, 410-313-2648

rbricker@howardcountymd.gov

Bricker, Robert

From: Charles Zepp [chuckzepp@mris.com]
Sent: Thursday, January 02, 2014 3:01 PM
To: Bricker, Robert
Cc: Tony Fertitta
Subject: Re: amendment-FW: CJ Sands perc cert comment

Thanks Robert

Sent from my Verizon Wireless 4G LTE DROID

"Bricker, Robert" <RBricker@howardcountymd.gov> wrote:

I'll do that.

From: Tony Fertitta [<mailto:tonyf@fcc-eng.com>]
Sent: Thursday, January 02, 2014 2:11 PM
To: Bricker, Robert
Subject: RE: amendment-FW: CJ Sands perc cert comment

If you don't mind can you add it on to the plan. Thank you

Tony Fertitta

Fisher, Collins, & Carter, Inc.

10272 Baltimore National Pike

Ellicott City, MD 21042

410-461-2855 ext 1846

From: Bricker, Robert [<mailto:RBricker@howardcountymd.gov>]
Sent: Thursday, January 02, 2014 11:34 AM
To: Tony Fertitta
Cc: 'Chuck Zepp'
Subject: amendment-FW: CJ Sands perc cert comment

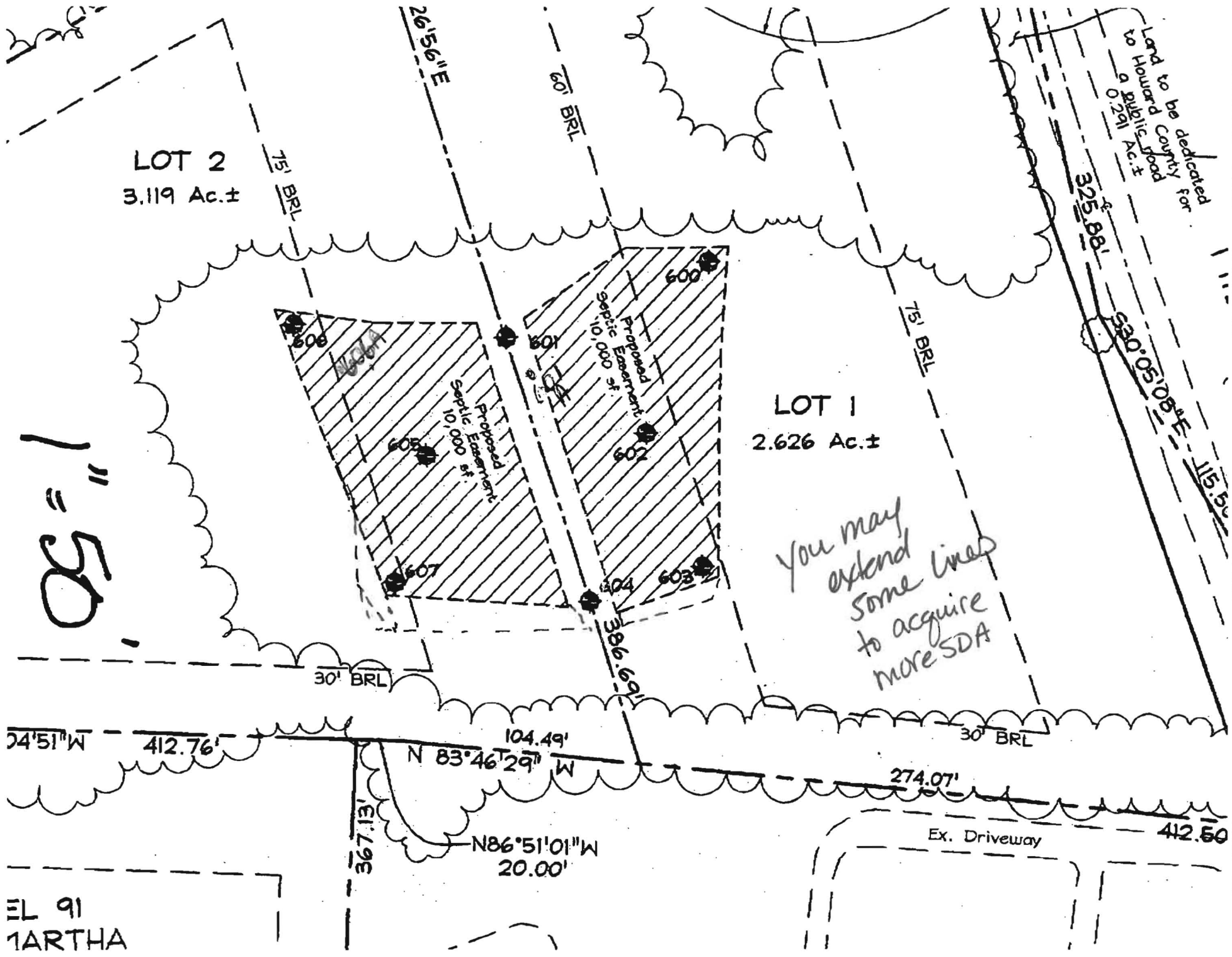
Land to be dedicated
to Howard County
0.291 Ac.±

LOT 2
3.119 Ac.±

LOT 1
2.626 Ac.±

*You may
extend
some lines
to acquire
more SDA*

1" = 50'



EL 91
1ARTHA