



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ A/P \_\_\_\_\_

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 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 Williams

DAYTIME PHONE 410 465 5366 CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS 13110 GREENBERRY LANE CLARKSVILLE MD 21029  
STREET CITY/TOWN STATE ZIP

APPLICANT MILDENBERG, BOENDER & ASSOC., INC.

DAYTIME PHONE 410 997 0296 CELL 1 FAX 410 997 0298

MAILING ADDRESS 6800 Deerpath Rd Elkridge, MD 21075  
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME GREENBERRY LOT NO. 6

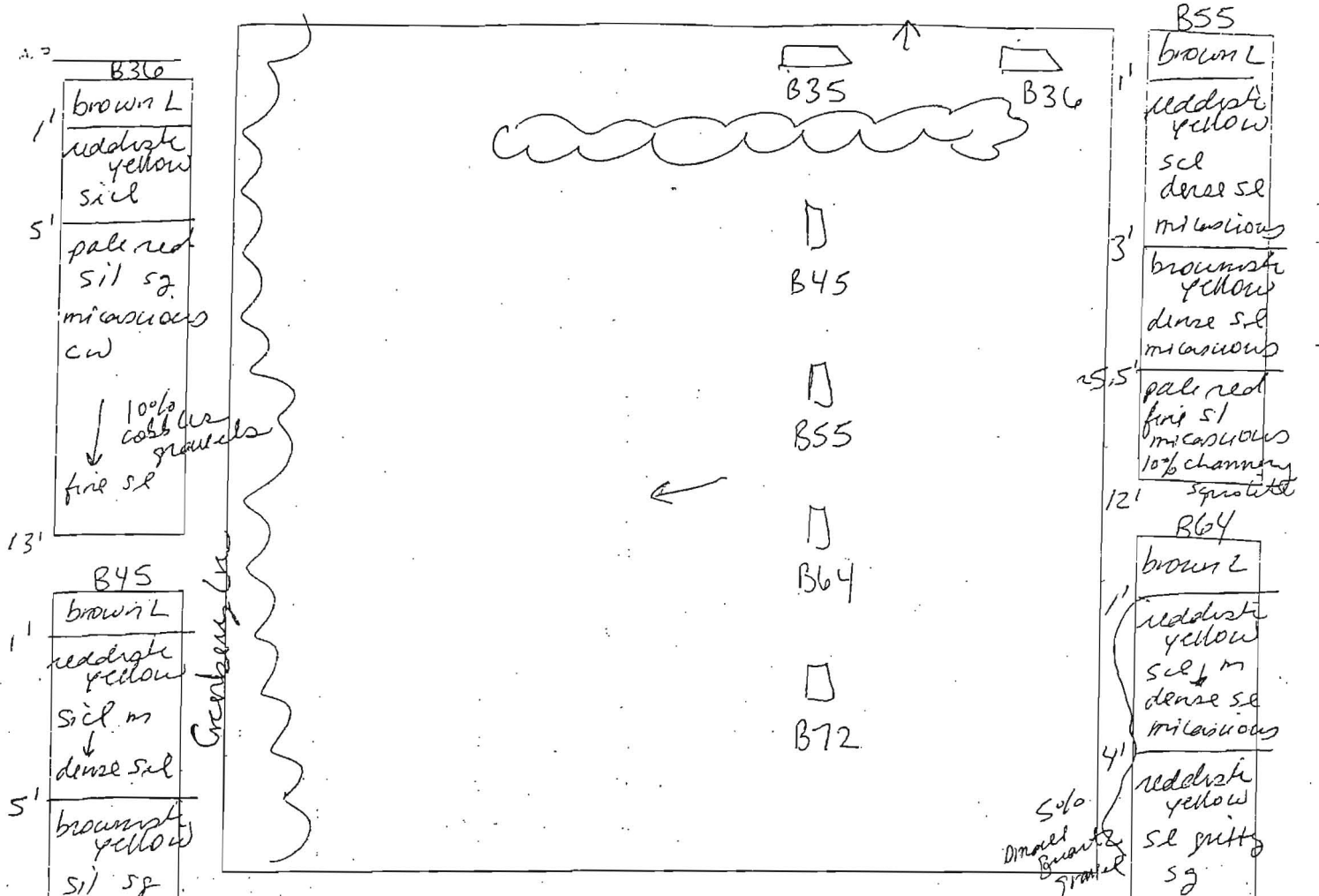
PROPERTY ADDRESS 13110 GREENBERRY LANE CLARKSVILLE MD 21029  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 28 GRID \_\_\_\_\_ PARCEL(S) 48 PROPOSED LOT SIZE 1A±

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



DATE	TEST #	DEPTH	START	BREAK 1' DRCP	STOP 2' DRCP	TIME OF 2nd INCH	P/F/H
3/22/06	B36	13'			visual	ok	P
	B35	13'			visual	ok	P
	B45	6' / 12'	11:53 <sup>17</sup>	11:56 <sup>50</sup>	12:03 <sup>01</sup>	7	P
	B55	12'			visual	ok	P
	B64	5' / 12'	12:13	12:14	12:16	2	P
	<b>B72</b>	5' / 13'	12:23 <sup>50</sup>	12:25 <sup>50</sup>	12:30 <sup>50</sup>	5	P

REMARKS: Holes dug per plan

SANITARIAN: SF

BACKHOE: Fogles

OTHERS: B. Sheesley

TEST HOLES USED IN SOA: \_\_\_\_\_

AVG. PERC TIME: \_\_\_\_\_

SQ. FT./BR: \_\_\_\_\_

B36  
1' brown L  
reddish yellow sil  
5' pale red sil sg. micaceous cw  
↓ 10% coarse gravel  
fine sil  
13'

B45  
1' brown L  
reddish yellow sil m  
↓ dense sil  
5' brownish yellow sil sg. micaceous cw  
↓ 10% gravel  
fine sil  
12'

B35  
1' brown L  
reddish yellow sil ↓ dense sil m  
3' brown sil sg. micaceous cw  
20-25% chert, squolite  
13'

B55  
1' brown L  
reddish yellow sil dense sil micaceous  
3' brownish yellow dense sil micaceous  
5.5' pale red fine sil micaceous 10% cherty  
12' squolite  
B64  
1' brown L  
reddish yellow sil m dense sil micaceous  
4' reddish yellow sil silty sg  
squolite @ bottom 10-15% coarse quartz chert  
12'

B72  
1' brown L  
reddish yellow sil m cw  
2' reddish yellow dense m ground sil  
3-4' reddish yellow sil sg  
5' pale red sil micaceous squolite  
13' sil cherty cw

# Greenberry Lot 6

A/P

**6-A**

dk brn L, 2 cpl  
 brn cl, 2 usbk  
 1/2 brn cl, 1 fsbk  
 18'

yel-brn sl  
 many mica  
 3'

red tan sl,  
 many mica  
 9.8'

red ls  
 2 cpl  
 12.8'

**6-B**

dk brn L, 3 cpl  
 brn L, 2 usbk  
 1/2 brn sl, 1 fsbk  
 2.2'

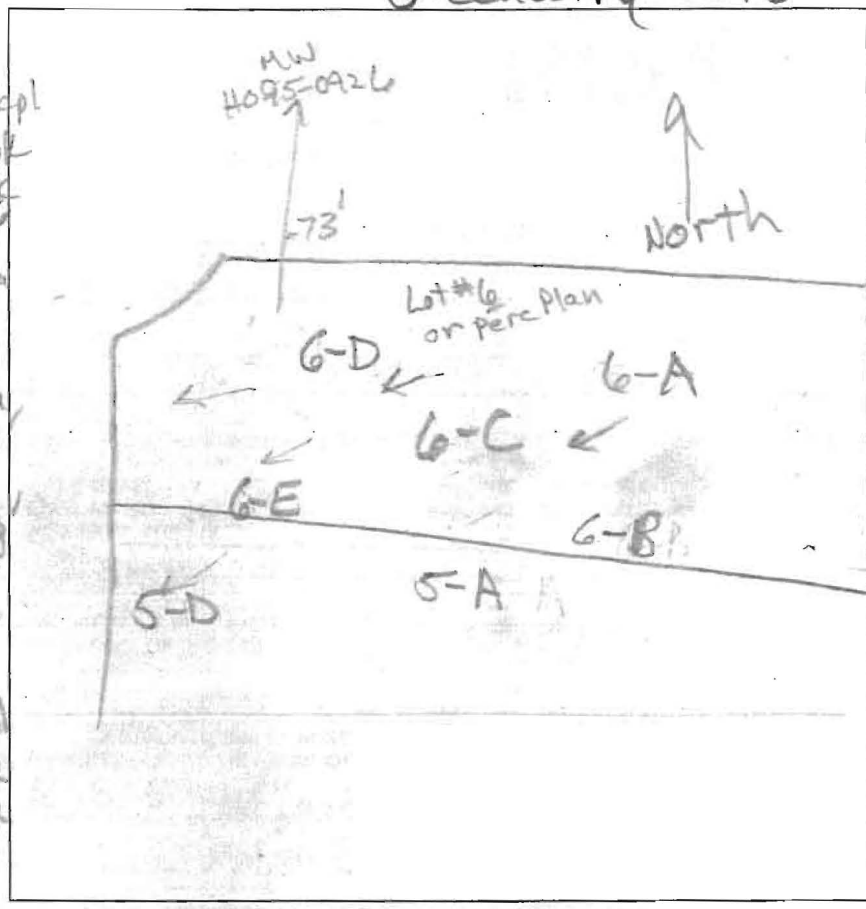
red & yellow sl  
 many mica  
 5.8'

red & yellow ls  
 2 cpl, many mica  
 10.2'

red ls  
 black coats  
 3 mpl  
 12'

**6-D**

0.4' dk brn L, 1 om  
 1.5' brn cl, 2 usbk  
 2.4' brn cl, 2 fsbk  
 4' red & tan fs  
 many mica  
 8.2' red & tan ls  
 many mica  
 11.7' red, blk & tan ls  
 2 mpl, many mica  
 12.5' red, blk & tan ls  
 3 cpl, many mica



**6-C**

dk brn L  
 brn cl, 2 usbk  
 brn L, 1 usbk

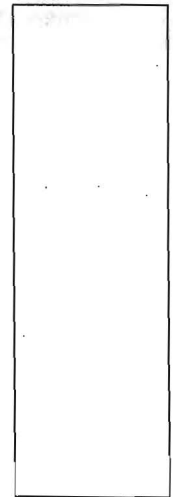
red-brn grt  
 om, dense

red-brn & yellow  
 fs sl, om, dense  
 5.5'

red & tan sl  
 many mica  
 8.8'

red, blk & tan  
 sl, 2 mpl  
 12'

red, blk & tan  
 ls, 2 cpl



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/26/12	6-A	12.8'	Visual	2.5' - 8' OK	1.2 gpd / ft <sup>2</sup>		P
10/26/12	6-C	12'	Visual	5.5' - 8' OK	1.2 gpd / ft <sup>2</sup>		P
10/26/12	6-B	4.8' / 12'	10:13	10:15	10:18	3	P
10/26/12	6-D	5.5' / 12.5'	10:33	10:35	10:39	4	P
10/26/12	6-E	12'	Visual	5.5' - 8' OK	1.2 gpd / ft <sup>2</sup>		P

**6-E**

dk brn L, 1 om  
 brn cl, 2 usbk

yel-brn cl  
 1 fsbk  
 2'

red L, om  
 dense  
 4.5'

red & yel  
 sl, dense  
 5.5'

red tan  
 ls many mica  
 2 mpl  
 10.5'

red, blk & tan  
 ls, 2 cpl  
 12.1'

REMARKS \_\_\_\_\_

SANITARIAN RB BACKHOE J&A OTHERS Jacob Hikmat

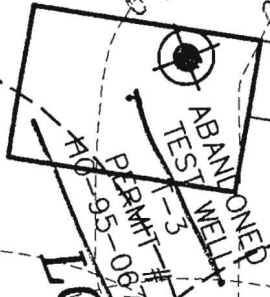
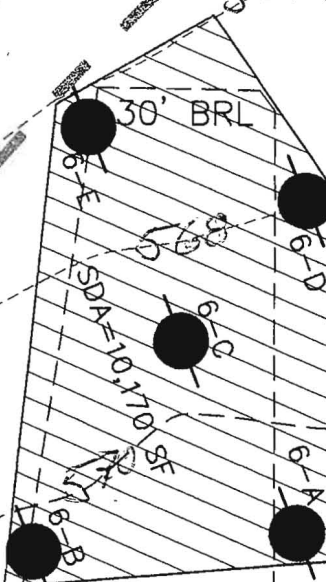
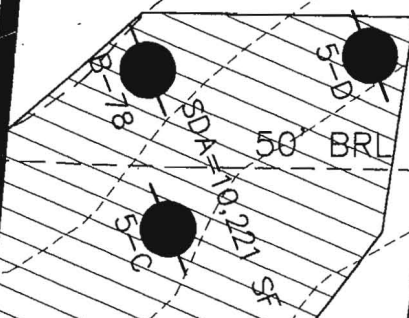
TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_

**BEE FRANCES WAY**

PUBLIC - 50' R/W

**MATCHLINE SHEET 2**



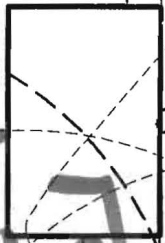
**LOT 5**

49,334 SF

30' BRL

49,854 SF

HO-14  
20152



*copy Perc Cert signed 7/2/15*

**NORTHERN BELL**

PUBLIC - 50' R/W



NON-BUILDABLE PRE

NON-BUILDABLE PRESERVATION PARCEL

NON-BUILDABLE BULK PARCEL G

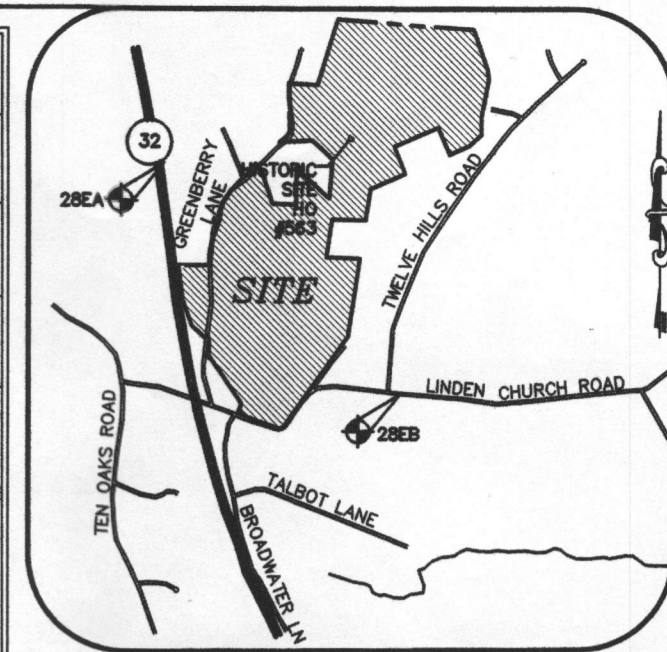
**MATCHLINE SHEET**

**SOILS TABLE (WITHIN LOD)**

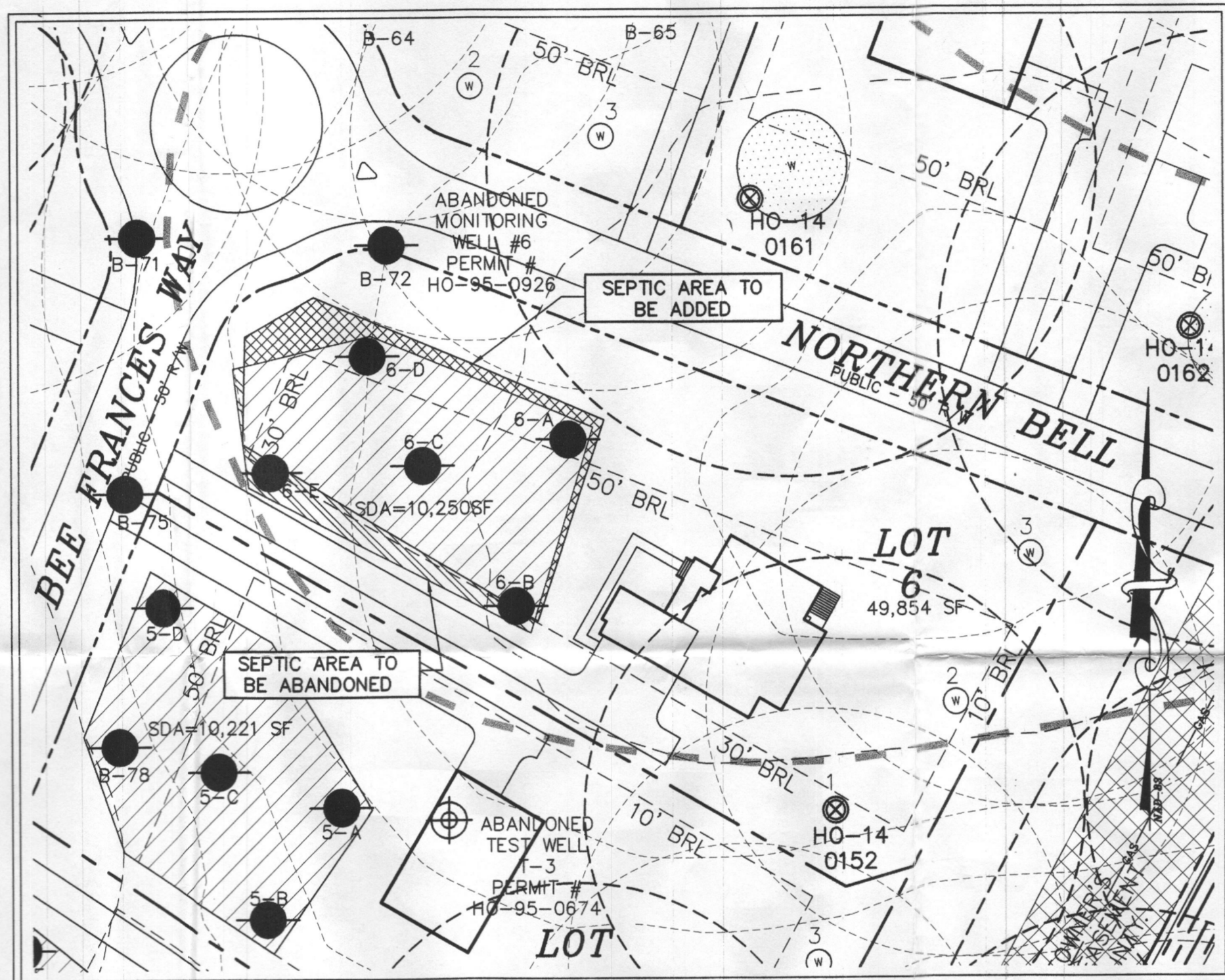
SYMBOL	RATING	NAME	K FACTOR
GgA	(B)	GLENELG LOAM, 0-3% SLOPES.	.20
GgB	(B)	GLENELG LOAM, 3-8% SLOPES.	.20



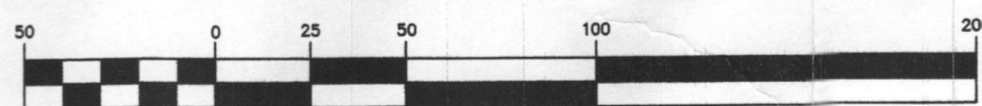
**LOCATION PLAN**  
SCALE: 1"=600'



**VICINITY MAP**  
SCALE: 1"=2000'  
ADC MAP 24 GRID F6



**GRAPHIC SCALE**



( IN FEET )  
1 inch = 50 ft.

**GENERAL NOTES:**

- THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE 10/06/13 COMPREHENSIVE ZONING PLAN.
- PARCEL BACKGROUND:**  
TAX MAP: 28, PARCEL: 48, LOT: 6  
ELECTION DISTRICT: FIFTH.  
ZONING: RR-DEO.  
AREA: 49,854 S.F.
- TOPOGRAPHY SHOWN HEREON IS BASED ON AERIAL TOPOGRAPHY PERFORMED BY WINGS AERIAL MAPPING ON OR ABOUT 2005. TOPOGRAPHY WAS FIELD VERIFIED IN NOVEMBER, 2012.
- THE LOT SHOWN HEREON COMPLES WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- PRIVATE WELL AND SEPTIC WILL BE UTILIZED.
- SOILS DATA BASED ON THE USA SOIL SURVEY OF HOWARD COUNTY, MD, DATED MAY, 2008.
- 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 UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT 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.
- THIS SYMBOL DESIGNATES A PASSING PERCOLATION TEST LOCATION
- THIS SYMBOL DESIGNATES A FAILING PERCOLATION TEST LOCATION  
*none fail RB*
- REPRESENTS PROPOSED POTABLE WATER WELL LOCATIONS
- DRILLED WELL  
HO-14 0152
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- TO THE BEST OF OUR KNOWLEDGE, ALL ADJACENT WELL AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
- GROUNDWATER APPROPRIATIONS PERMIT (GAP) NO. HO2014G003(01).

**OWNER**

ROBERT B. WILLIAMS  
C/O MILDENBERG, BOENDER AND ASSOC.  
7350-B GRACE DRIVE  
COLUMBIA, MARYLAND 21044  
(410)997-0296

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
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. 19742, EXP DATE 09/03/16.

R. JACOB HIKMAT, P.E. *07/11/16* DATE

*for Maureen Rossman* 7/13/2016  
HOWARD COUNTY HEALTH OFFICER DATE *RB*

THE PURPOSE OF THIS REVISED PERCOLATION PLAT IS TO RECONFIGURE SEPTIC EASEMENT ON LOT 6.

date	JULY 2016	engineering	MM	approval	RJH
project	15-005	illustration	MM	scale	1"=50'

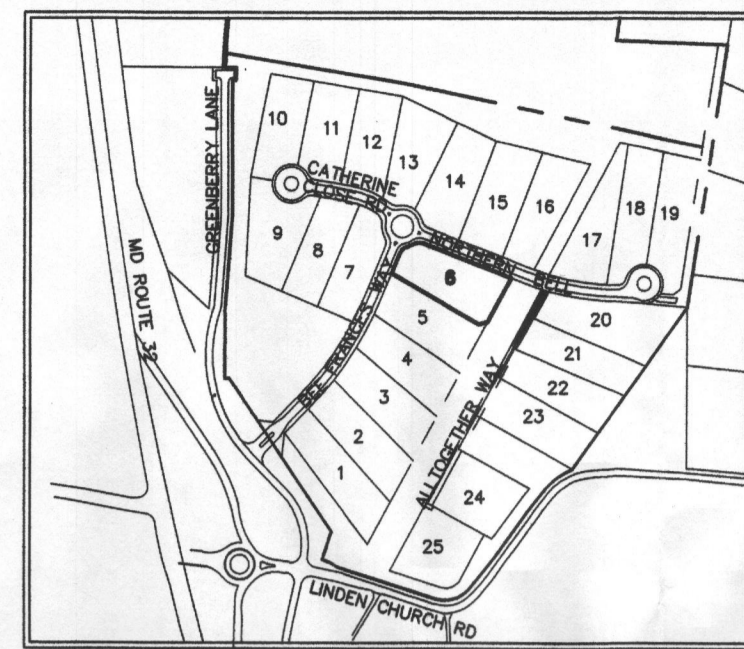
no.	description	revisions

**GREENBERRY, LOT 6**  
5024 BEE FRANCES WAY, CLARKSVILLE MD  
TAX MAP 28, PARCEL 48, LOT 6  
FIFTH ELECTION DISTRICT HOWARD COUNTY  
**REVISED PERCOLATION CERTIFICATION PLAN**

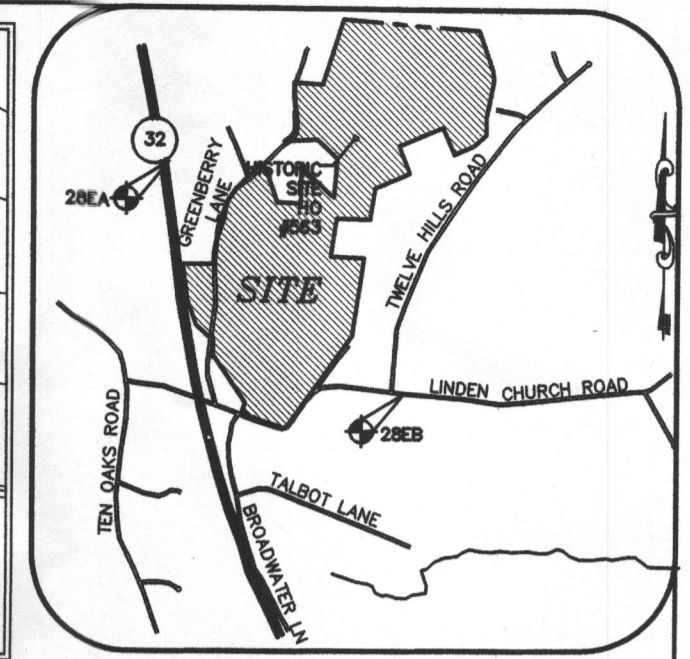
**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
7350-B Grace Drive, Columbia, Maryland 21044  
(410) 997-0296 Fax (410) 997-0298 Fax

**SOILS TABLE (WITHIN LOD)**

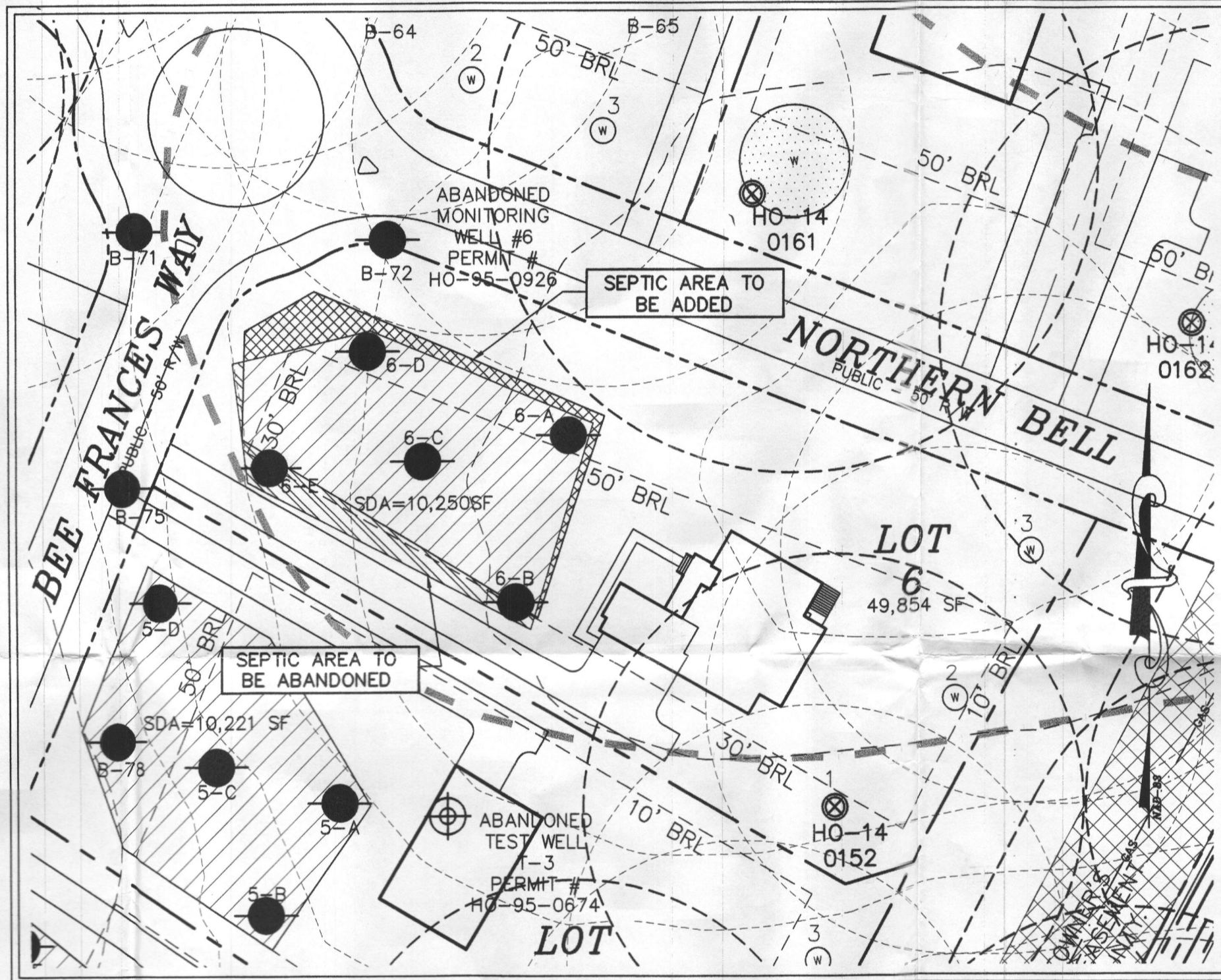
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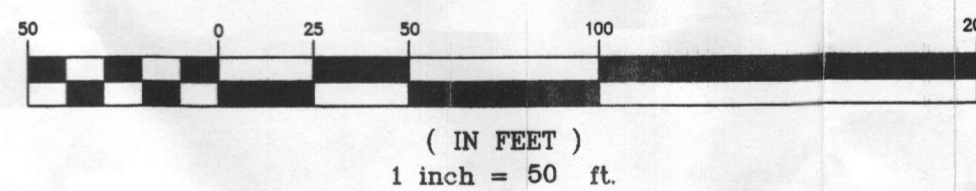
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24-A
- THIS SYMBOL DESIGNATES A FAILING PERCOLATION TEST LOCATION  
23-A  
*no failed locations*
- REPRESENTS PROPOSED POTABLE WATER WELL LOCATIONS  
1 2 3
- DRILLED WELL  
HO-14  
0152
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APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

*Barbara for Meera Rossman*  
HOWARD COUNTY HEALTH OFFICER  
DATE 7/13/2016



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. 19742, EXP DATE 09/03/16.

*R. JACOB HIKMAT*  
R. JACOB HIKMAT, P.E.  
DATE 07/11/16

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date	JULY 2016	approval	MMK	RJH
project	15-005	illustration	MMK	1"=60'

no.	description	revisions

**GREENBERRY, LOT 6**  
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TAX MAP 28, PARCEL 48, LOT 6  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY  
**REVISED PERCOLATION CERTIFICATION PLAN**

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