



# 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 410 991 0296 CELL 1 FAX 410 991 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. 8

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

AP

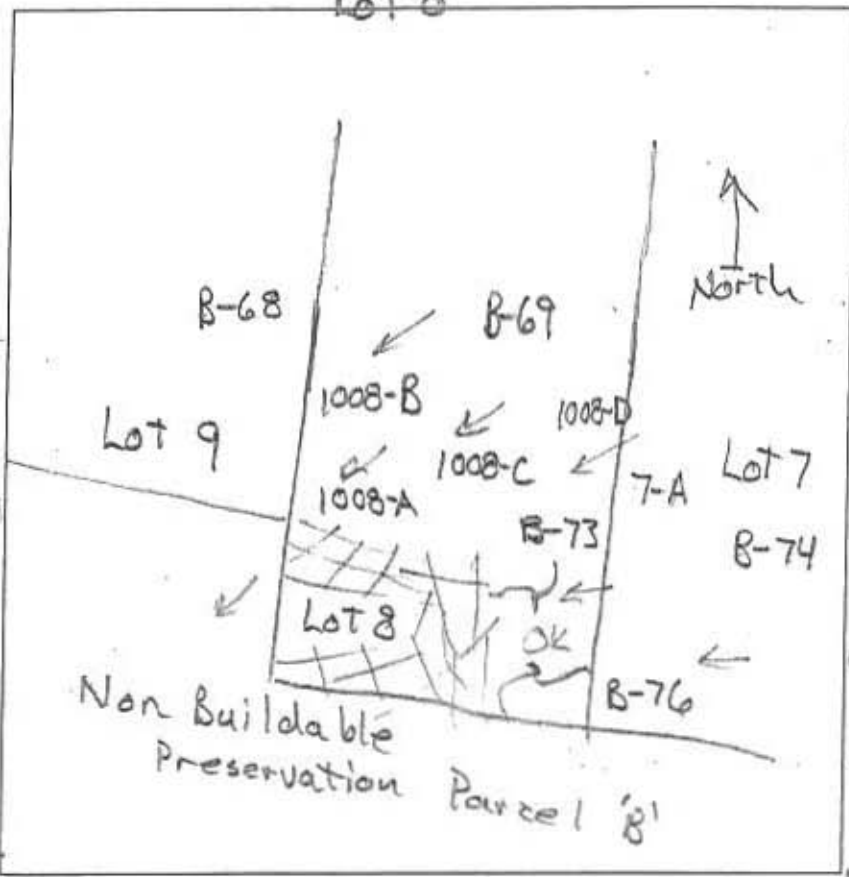
Lot 8

1008-C

0.8' grey-brn L  
brn grt  
brn fsl  
mzp (blk)  
many mica  
2.5' brn chs  
mzp (black)  
mica ceous  
dense  
4' brn ls, 1mp  
many mica  
1 1/2 p (blk)

1008-D

0.8' dk grey-brn L  
brn L, 2 blk  
1.8' brn grt, blk  
2.2' yel-brn  
& red fsl  
m, dense  
4' red chs, 1mp  
2 p (black)  
mica ceous  
6' alt strata  
brn chs  
& red-yel chs  
few quartzite  
boulders  
many mica  
12.5'



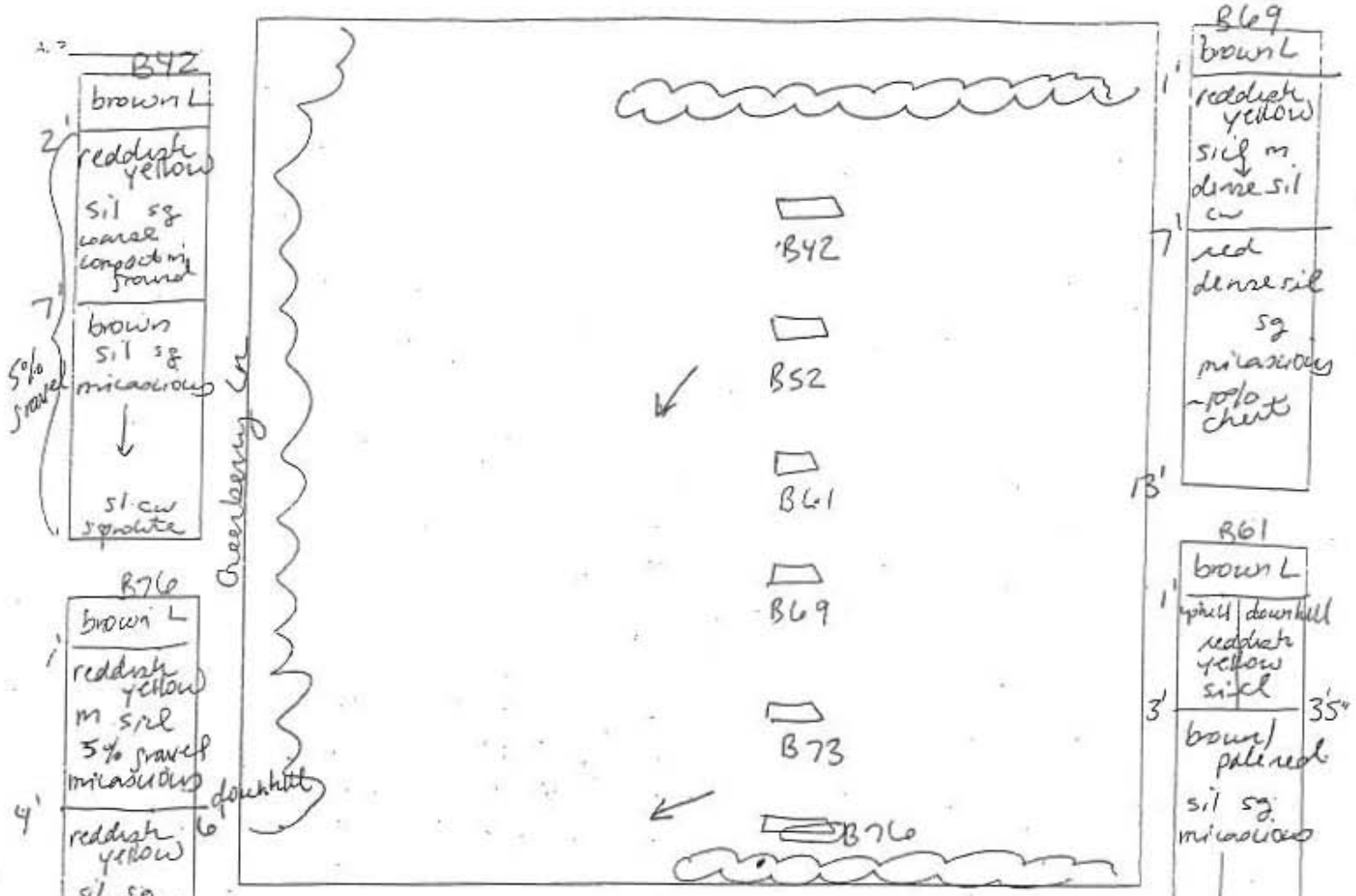
1008-A  
0.7' dk grey-brn L  
brn L, 2 blk  
3.5' brn L to brn fsl  
5' brn stl  
brn stl, dense  
6.4' brn-yellow chs  
m, dense  
7.1' pale yellow sil  
m, dense  
9' brn & blk chs  
mica ceous  
11' pale brn chs  
mica ceous  
grey sil  
top (blk brn)  
Mn soft beds

1008-B

0.8' dk grey-brn L  
1.5' brn L  
2.5' pale yel-brn L  
3mpl, dense  
4.5' yel-red fsl  
dense m  
7' pale-brn  
& palered  
chs, many mica  
7' red ls, 1mp  
mica ceous  
m 1 1/2 p (blk)  
m 1 p (light grey)

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/FH
8/12/13	1008-A	6.4'	10:17	10:29	slow perc		
	reshel	8'	10:54	10:59	11:10	11	P
8/12/13	1008-B	5.6' / 12'	11:24	11:26	11:29	3	P
8/12/13	1008-C	12'	Visual	Sidewall	4'-8'	1.2 gpd	P
8/12/13	1008-D	4.8' / 12.5'	11:50	11:53	11:58	5	P

REMARKS \_\_\_\_\_  
 SANITARIAN R. Bricker BACKHOE Nathan OTHERS Jacob Hikmat  
Jace Shuman  
 TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_  
 TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SW \_\_\_\_\_



DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2nd INCH	P/F/H
3/20/06	B76	6'10" / 13'	11:56 <sup>43</sup>	11:58 <sup>57</sup>	12:03	5	P
	B73	5' / 13'	12:07 <sup>57</sup>	12:14 <sup>13</sup>	12:24	10	P
	B69	6' / 13'	12:27	1:00	too slow	-	-
	"	7'5"	3:34	3:44	4:04	20	P
	B61	5' / 12'	12:18 <sup>19</sup>	12:21 <sup>31</sup>	12:26	5	P
	B52	13'5"			visual ok		P
	B42	5' / 12'	12:55	1:15	too slow		-
	"	6'5"	2:14 <sup>23</sup>		too slow		-
	"	7'8"	3:47	3:49	3:51	2	P

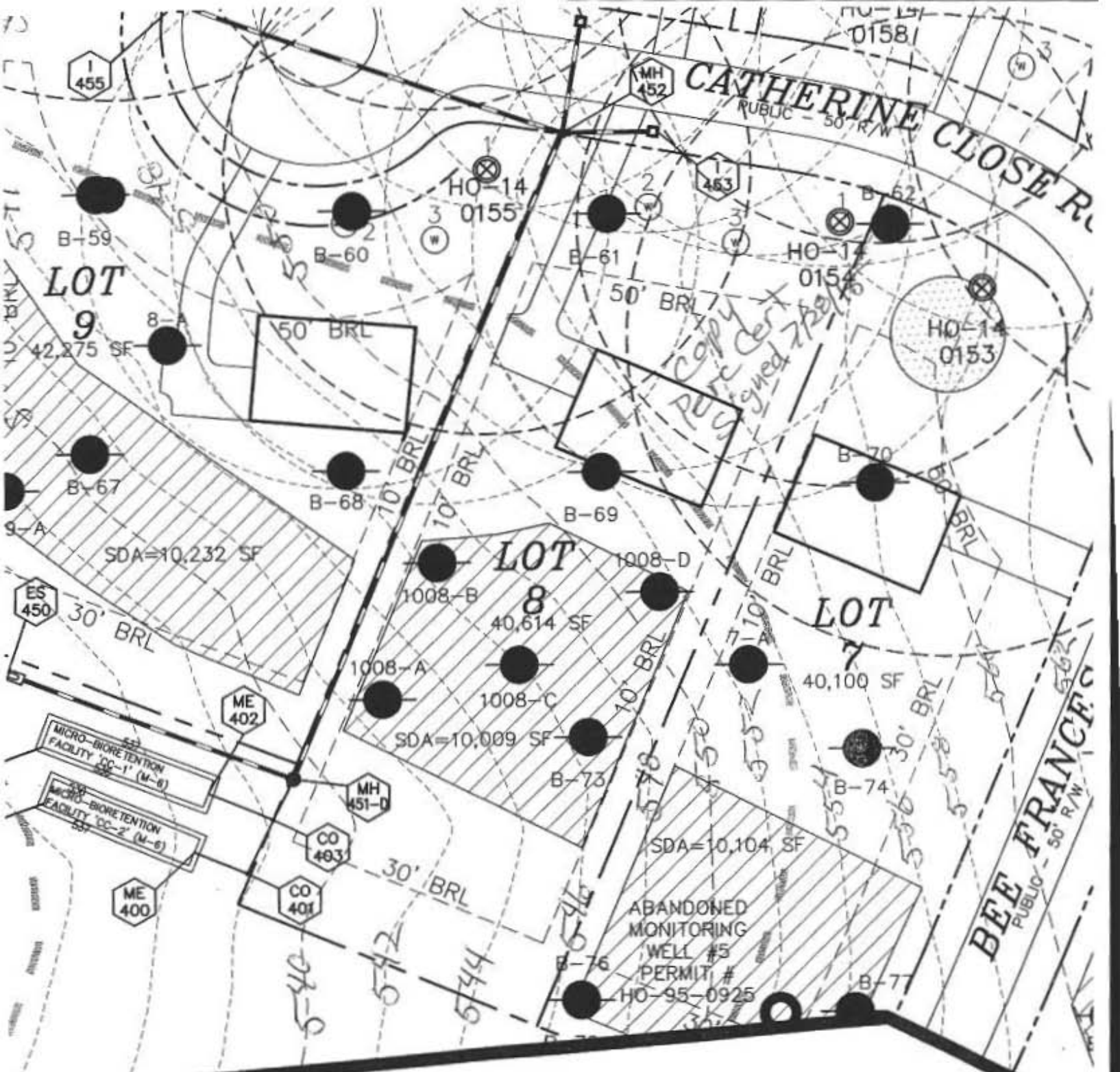
5% gravel  
5% gravel  
downhill  
downhill  
13'  
1'  
2'  
13'

12'  
6"  
2 1/2"  
4'  
13'5"

REMARKS: Holes dug per plan

SANITARIAN: SF BACKHOE: Fogles OTHERS: B. Sheesley

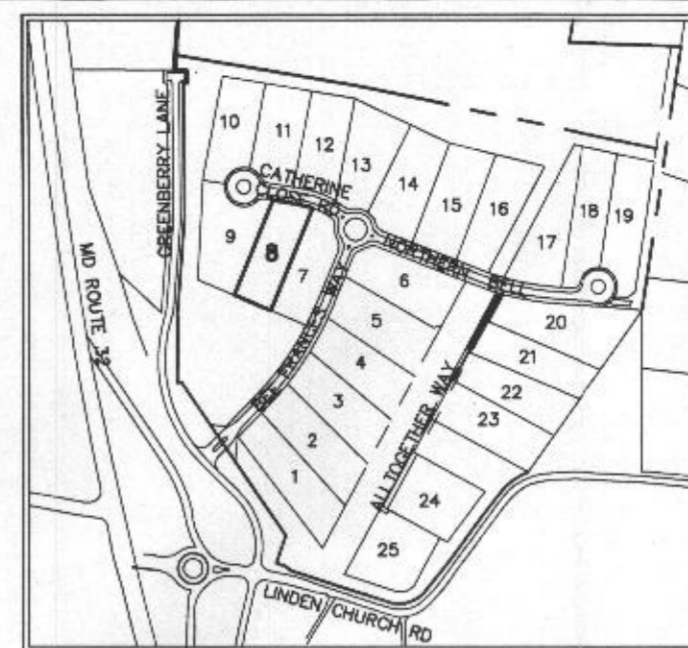
TEST HOLES USED IN SOA: \_\_\_\_\_ AVG. PER TIME: \_\_\_\_\_ SQ. FT./HR: \_\_\_\_\_



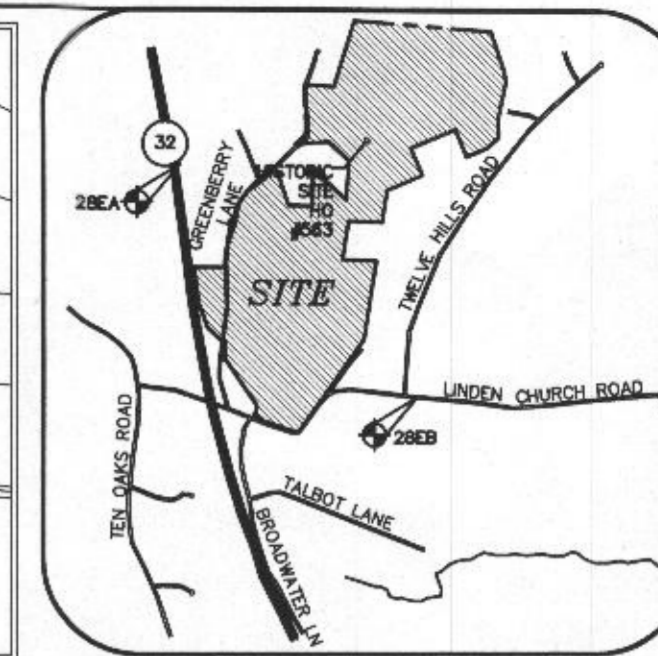
TCHLINE SHEET 2

**SOILS TABLE**

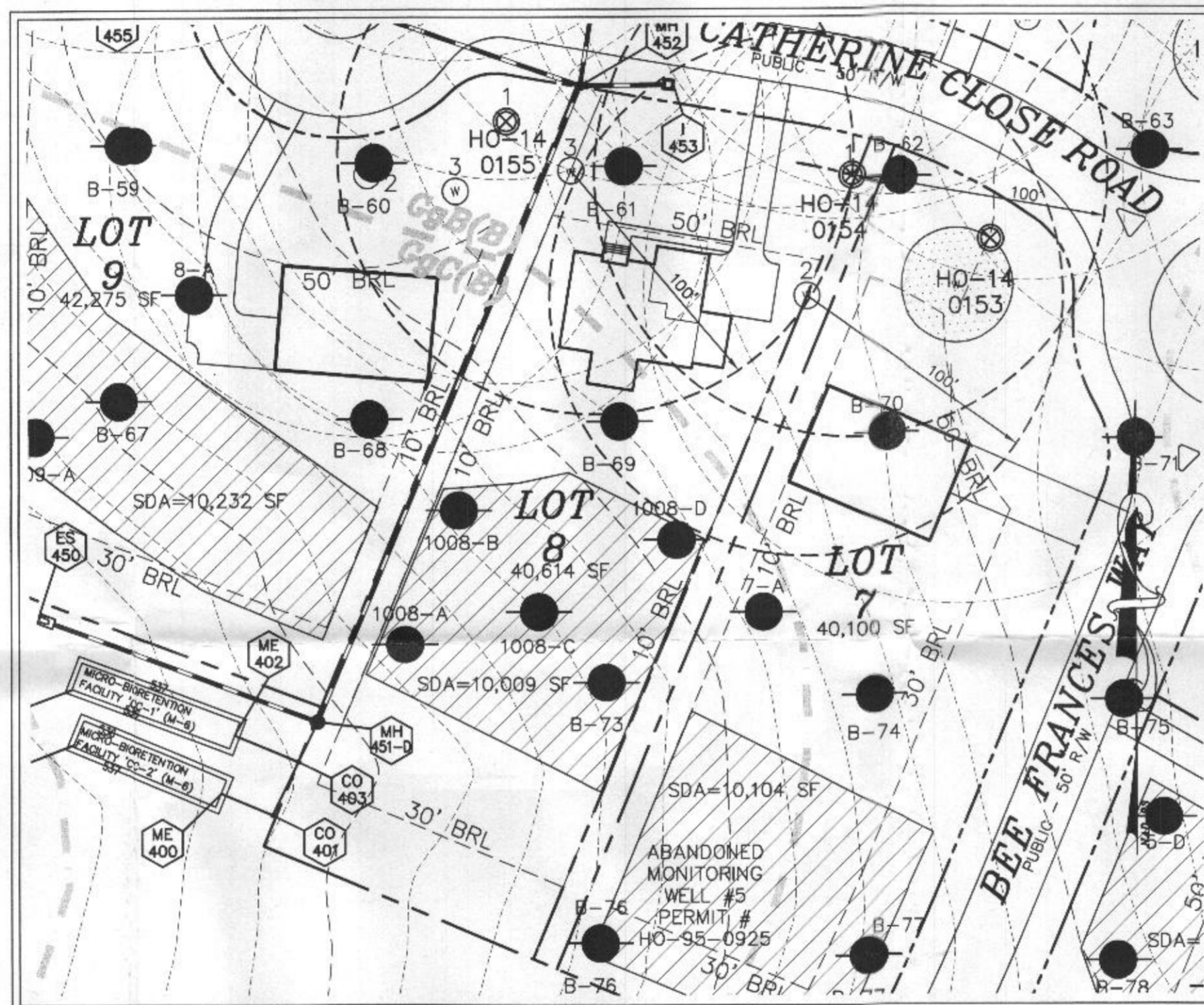
SYMBOL	RATING	NAME	K FACTOR
GgB	(B)	GLENELG LOAM, 3-8% SLOPES.	.20
GmB	(C)	GLENVILLE SILT LOAM, 3-8% SLOPES.	.35



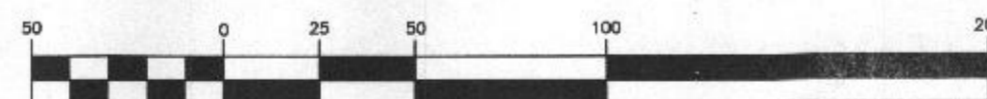
**LOCATION PLAN**  
SCALE: 1"=600'



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



**GRAPHIC SCALE**



( IN FEET )  
1 inch = 50 ft.

**GENERAL NOTES:**

1. THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE 2/2/2004 COMPREHENSIVE ZONING PLAN.
2. **PARCEL BACKGROUND:**  
TAX MAP: 28, PARCEL: 48, LOT: 8  
ELECTION DISTRICT: FIFTH.  
ZONING: RR-DEO.  
AREA: 40,009 S.F.
3. TOPOGRAPHY SHOWN HEREON IS BASED ON AERIAL TOPOGRAPHY PERFORMED BY WINGS AERIAL MAPPING ON OR ABOUT 2005. TOPOGRAPHY WAS FIELD VERIFIED IN NOVEMBER, 2012.
4. THE LOTS SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
5. PRIVATE WELL AND SEPTIC WILL BE UTILIZED.
6. SOILS DATA BASED ON THE USDA SOIL SURVEY OF HOWARD COUNTY, MD, DATED MAY, 2008.
7. 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 SEWERAGE 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.
8. THIS SYMBOL DESIGNATES A PASSING PERCOLATION TEST LOCATION
9. REPRESENTS PROPOSED POTABLE WATER WELL LOCATIONS
10. DRILLED WELL  
HO-14 0154
11. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
12. TO THE BEST OF OUR KNOWLEDGE ALL ADJACENT WELL AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
13. GROUNDWATER APPROPRIATIONS PERMIT (GAP) NO. H02014G003(01).

**OWNER**

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



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. DATE

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

*William for Maria Rozman* 5/11/2016  
HOWARD COUNTY HEALTH OFFICER *RB* DATE

THE PURPOSE OF THIS REVISED PERCOLATION PLAT IS TO RELOCATE PROPOSED RESERVE WELLS # 2 AND 3 ON LOT 8.

date	APR 2016	engineering	MMM	approval	RBH
project	15-005	illustration	MMM	scale	1"=60'

no.	description	revisions

**GREENBERRY, LOT 8**  
12007 CATHERINE CLOSE ROAD, CLARKSVILLE MD  
TAX MAP 28, PARCEL 48, LOT 8  
FIFTH ELECTION DISTRICT  
HOWARD COUNTY  
**REVISED PERCOLATION CERTIFICATION PLAN**

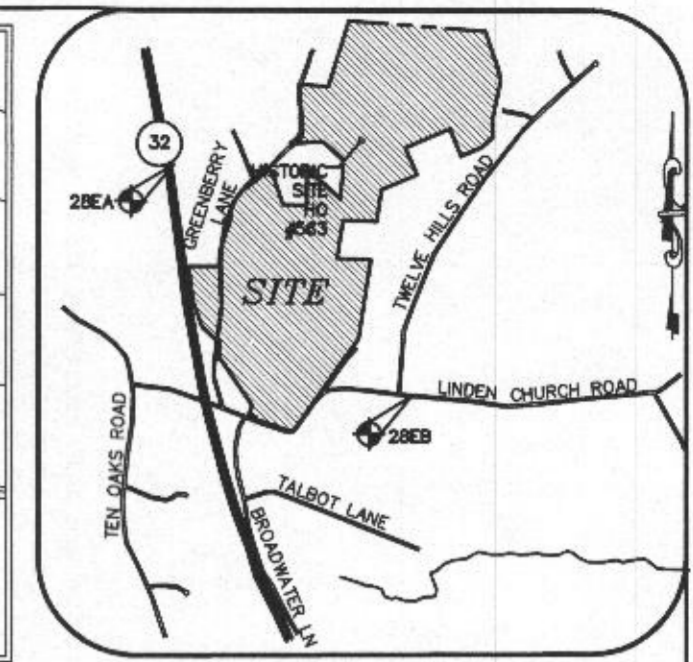
**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
7350-B Grace Drive, Columbia, Maryland 21044  
(410) 997-0296 Fax

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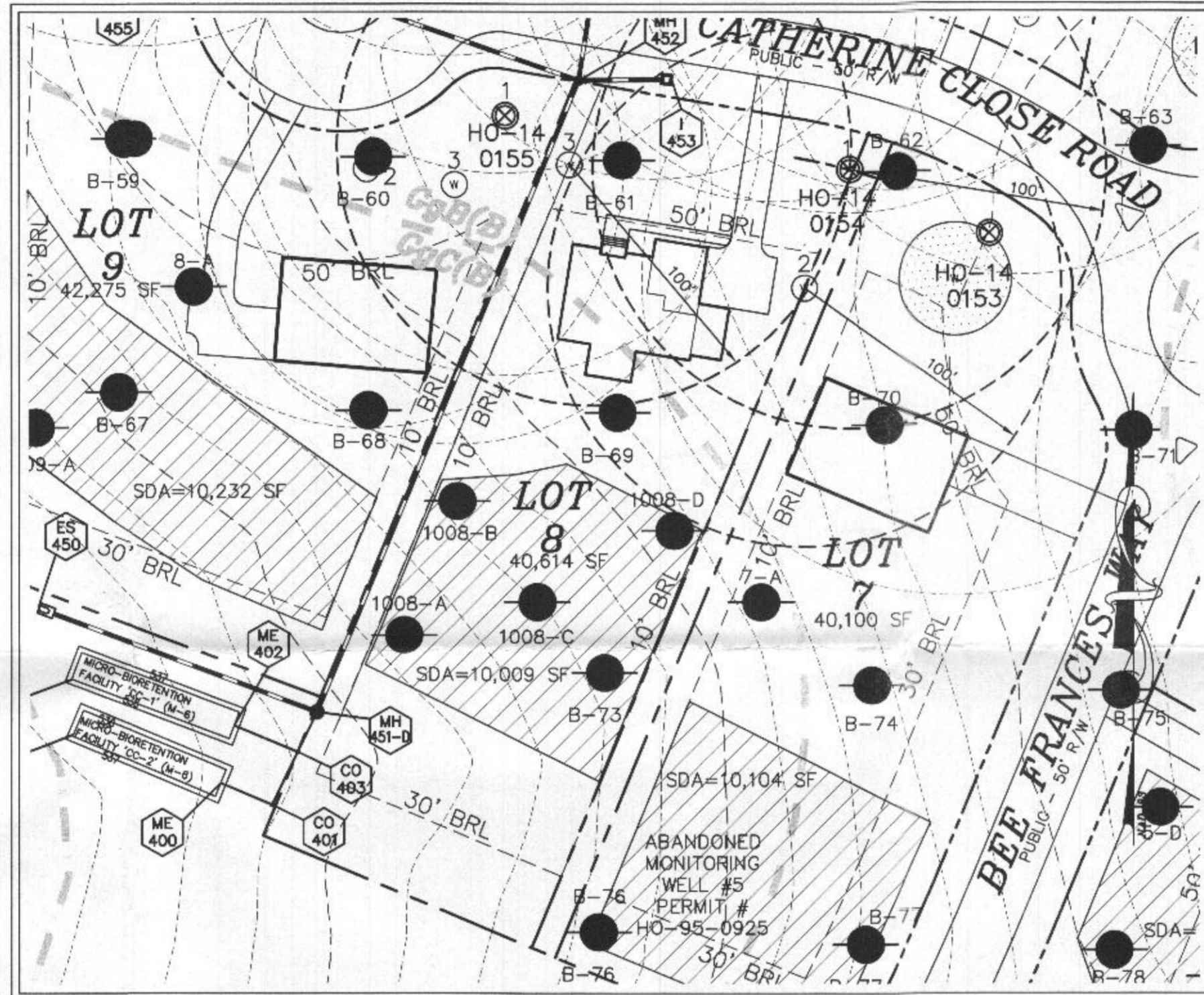
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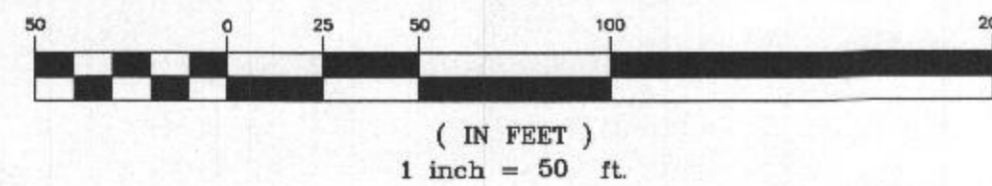
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5/3/16  
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