



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AP 519584

AGENCY REVIEW: _____ DATE 9/22/03

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) : John and Dorothy Rauth James H. and Clare Easter
 DAYTIME PHONE _____ P.O. Box 146 - 13099 Clarksville Pike
 MAILING ADDRESS Highland, Maryland 20777 Highland, Maryland 20777

 _____ ZIP

APPLICANT Frederick Ward Associates, Inc. - Rob Vogel
 DAYTIME PHONE 410-720-10900 CELL 410-917-10037 FAX 410-720-10220
 MAILING ADDRESS 7125 Riverview Drive, Columbia, Maryland 21046

 _____ STREET CITY/TOWN STATE ZIP

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

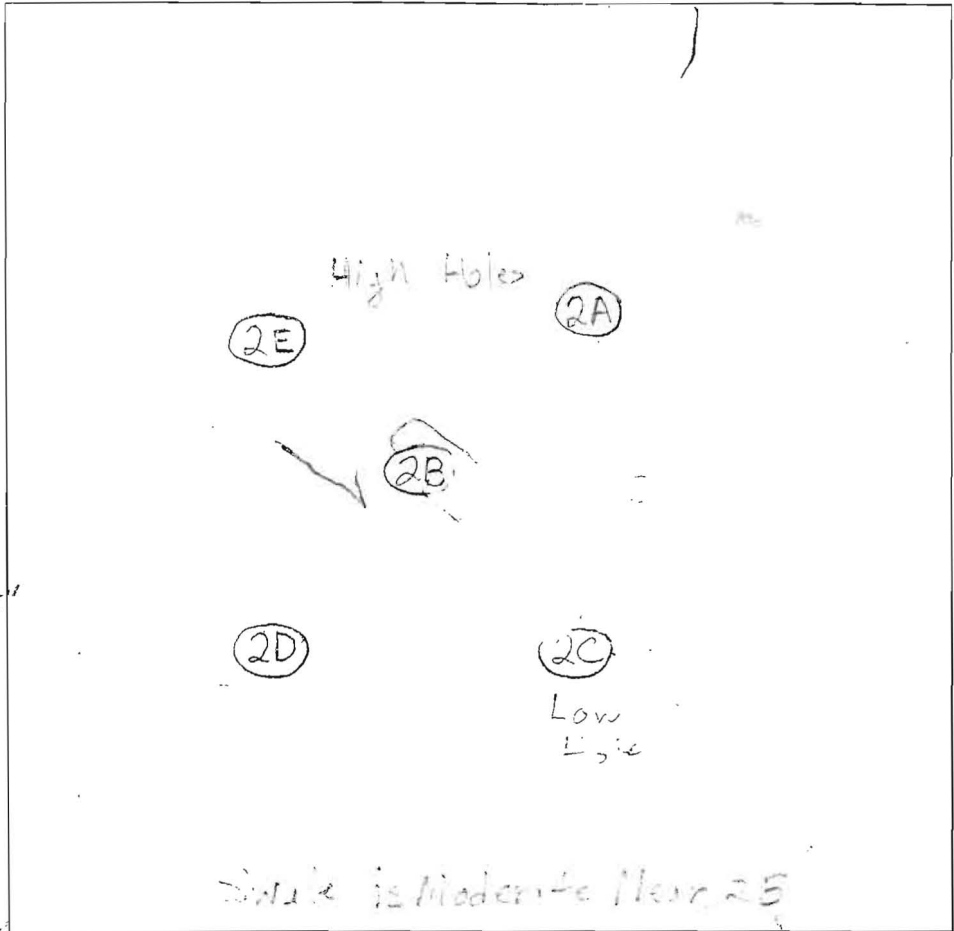
PROPERTY LOCATION
 SUBDIVISION/PROPERTY NAME Rauth and Easter Properties LOT NO. 26102
 PROPERTY ADDRESS Scharley Mill Road / Lime Kiln Road
Tm 40 STREET B. 21 TOWN/POST OFFICE P. 114
 TAX MAP PAGE(S) T1145 GRID B. 4. PARCEL(S) P. 12 PROPOSED LOT SIZE 3 AC +/-

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.

[Signature]
 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

AP
 (2D)
 Or Br Ls am 2.5'
 Or Br Ls am and Tan S₂ Ls am ~25% Rock 4'
 Med Br Sa Ls am ~20% Rock
 Hard Bottom 10.5'



UP
 Brown Ls am
 Silty Clay
 Ls am 3 1/2'
 New Brown Silty Ls am
 Brown Silty Ls am
 10 1/2'

(2C)
 Red Br Heavy Ls am 3.5'
 Mixture of Red Br and Or Br Si and Sa Ls am ~30% Rock 5.5-6.5'
 Br Sa Ls am
 Hard Bottom 10'

2E
 Brown Ls am
 Red Silty Ls am
 Silty
 2 1/2'
 Yellow Brown to Brown
 Silty 5-10% Rock 13'

2A
 Brown Ls am
 Red Silty Ls am
 Yellow Silty Ls am
 25% Rock
 Hard Bottom

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
10/22/03	2D	6'/10.5'	1:48:30	1:49	1:49	1:49:50	50 sec
	Repair	6'	1:52	1:53:30	1:53:30	1:55:25	2
	2E	6' / 13'	2:27	2:29	2:32	3 min	P
	2A	5 1/2' / 11'	2:58	2:59	3:01:18	2:40	F
	BB/FA		3:07	3:09	3:11	2 min	P
	2B	6' / 10 1/2'	3:10	3:13	3:16	3 min	P
	2C	6' / 10'	3:28	3:35	3:35	3:49	14

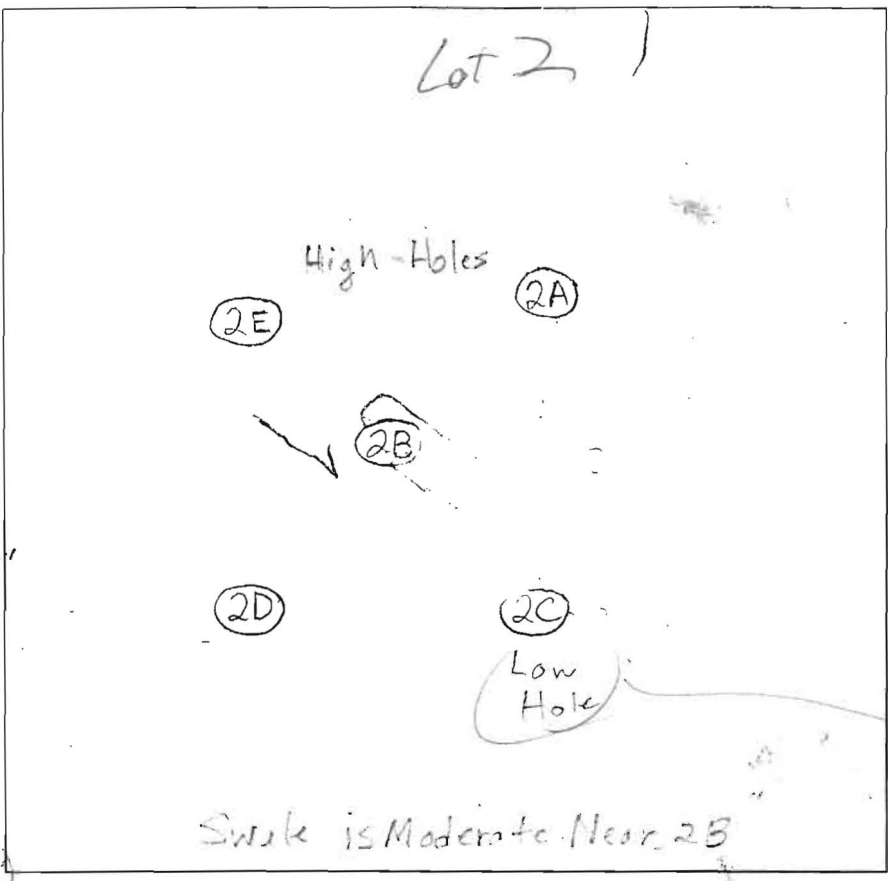
REMARKS: 2C is ~10' from center of Swale
 SANITARIAN BB/FA BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

AVP
 (2D)
 Or Br Loam 2.5'
 Or Br Loam and Tan Sa Loam ~25% Rock 4'
 Med Br Sa Loam ~20% Rock
 Hard Bottom 10.5'

2E
 Brown Loam
 Red Silty Loam
 Silty
 2 1/2'

Yellow Brown to Brown
 Silty
 5-10% Rock
 1 1/2'

2A
 Brown Loam
 Red Sa Loam
 Yellow
 Silty
 25% Rock
 HARD
 10.5'



2B
 Brown Loam
 Silty
 Loam 3 1/2'
 Yellow
 Brown
 Silty
 Brown
 Silty
 HARD
 10.5'

(2C)
 Red Br Heavy Loam 3.5'
 Mixture of Red Br and Or Br Si and Sa Loams ~30% Rock 5.5-6.5'
 Brown Br Sa Loam
 HARD
 10.5'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
10/22/03	2D	6'/10.5'	1:48:30	1:49	1:49	1:49:50	50sec
	Repair	6'	1:52	1:53:30	1:53:30	1:55:25	24
	2E	13'	2:27	2:29	2:32	3min	P
	2A	5 5/8" / 11'	2:58	2:59:12	3:01:18	2:49:00	F
	REF. POUR		3:07	3:09	3:11	2min	P
	2B	6' / 10 1/2'	3:10	3:13	3:16	3min	P
	2C	6' / 10'	3:26	3:35	3:35	3:49	14

REMARKS: 2C is ~10' From Center of Swale in moderate Swale

SANITARIAN BB/FA BACKHOE OTHERS

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

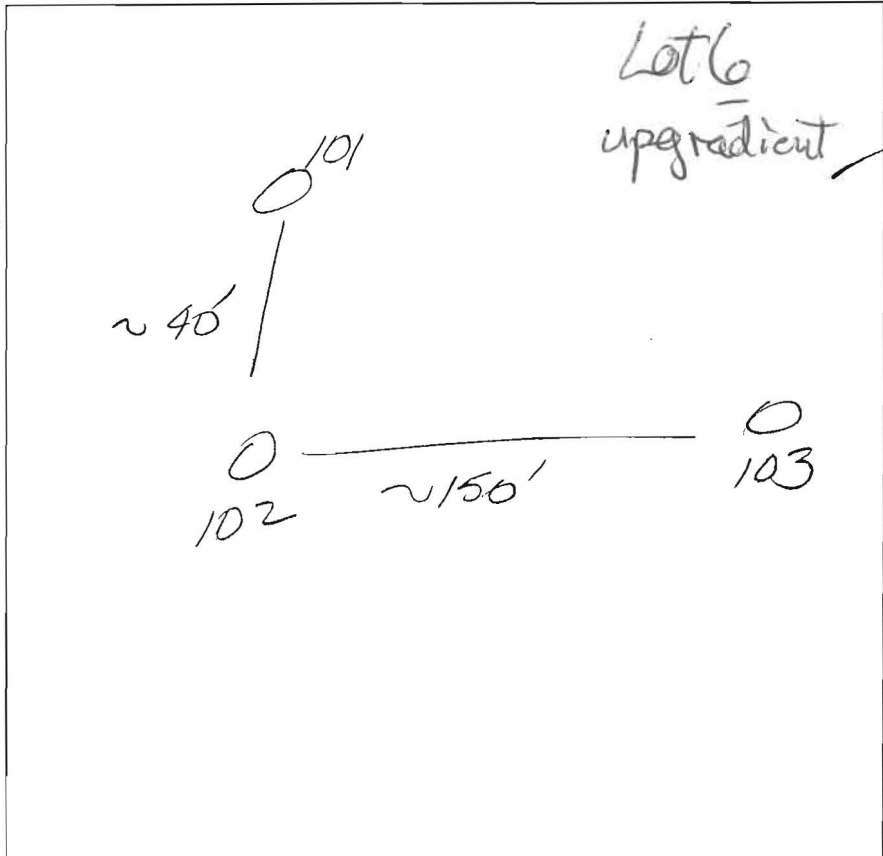
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SAW _____

A/P

101
Brown loam
Red Salicy loam
Brown Salicy (15%)
Rock
13'

103
Brown loam
Brown Salicy (15%)
Rock
10 1/2'

7-102
Brown loam
Yellow Brown Salicy loam
Red Brown Salicy loam
Yellow Brown Salicy loam
Rock
13'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
4/5/04	101	5 1/2' / 13'	10	2 51	2 53	2 min	F
	103	5 1/2' / 10 1/2'	3 02	3 05	3 07	2 min	F
	102	6' / 13'	3 15	3 18	3 24	2 min	F

REMARKS _____

SANITARIAN FA BACKHOE Willie Sorensen OTHERS Bob Shoosley
Mark Johnson

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

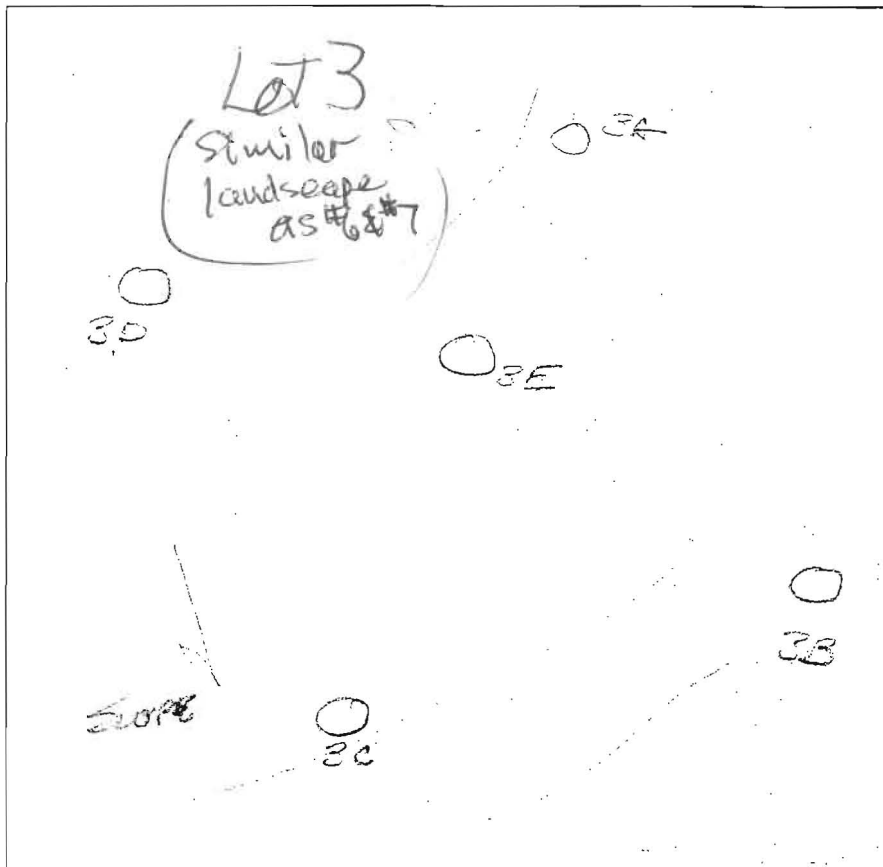
TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

A/P

3D
~~Yellow~~
 Yellow
 Brown
 S. Clay
 loam 3'

3C
 Brown
 loam 1'
 Yellow
 Brown
 S. Clay
 loam 3'
 Yellow
 Brown
 Salcom
 15%
 sand 12'

3B
 Brown
 loam 3"
 Yellow
 Brown
 Salcom 2'
 Red
 Brown
 Salcom 4'
 Yellow
 Brown
 Salcom
 9'
 Loam
 sand 12'



3E
 Brown
 loam 3'
 Brown
 Salcom 5'
 Red
 Salcom 4'
 Brown
 Salcom
 15%
 sand
 Hard
 P. Plate
 12 1/2
 15 1/2
 Bottom
 3'

3A
 Brown
 loam 8'
 Yellow
 Brown
 Salcom
 Salcom 2'
 Yellow
 Brown
 Salcom
 5-10%
 sand 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
1/15/55	3D	5' 11 1/2'	2:08	2:16	2:28	12 min	P
	3C	5' 12'	2:27	2:30	2:33	3 min	P
	3B	5' 12'	2:38	2:41	2:44	3 min	P
	3E	6' 12 1/2'	2:48	2:54	3:02	8 min	P
	3A	5 1/2' 12'	3:05	3:08	3:12	4 min	P

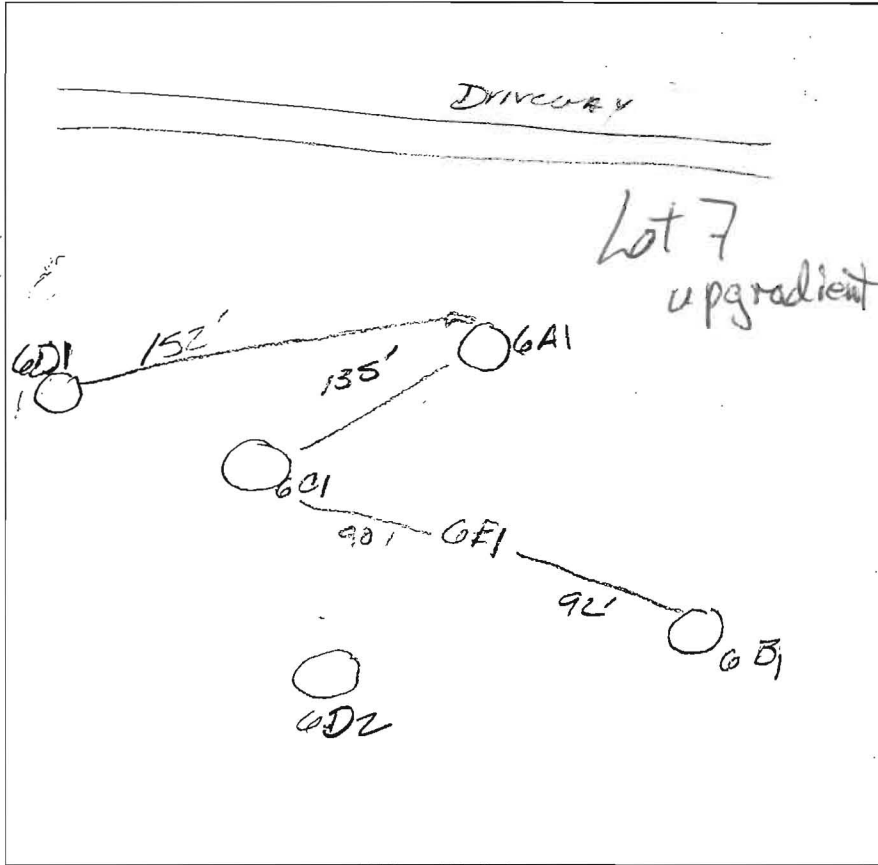
REMARKS 4 1/2" Brown loam E. of Salcom
 SANITARIAN FD BACKHOE _____ OTHERS Mark O. Brown
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

AP 601

Brown loam 1'
 Yellow Brown 3 Clay loam 4'
 Yellow Brown Salcom 5-10% Micr frags

601
 Brown loam 1 1/2'
 Red Brown 3 Clay loam 4'
 Yellow Brown Salcom 1590 Rock

601
 Brown loam 1'
 Red Brown 3 Clay loam 3 1/2'
 Yellow Brown Salcom 1590 Rock 1 1/2'



601
 Brown loam 1'
 Red Brown 3 Clay loam 3'
 Yellow Brown Salcom 1590 Rock 10 1/2'
 WATER 12'

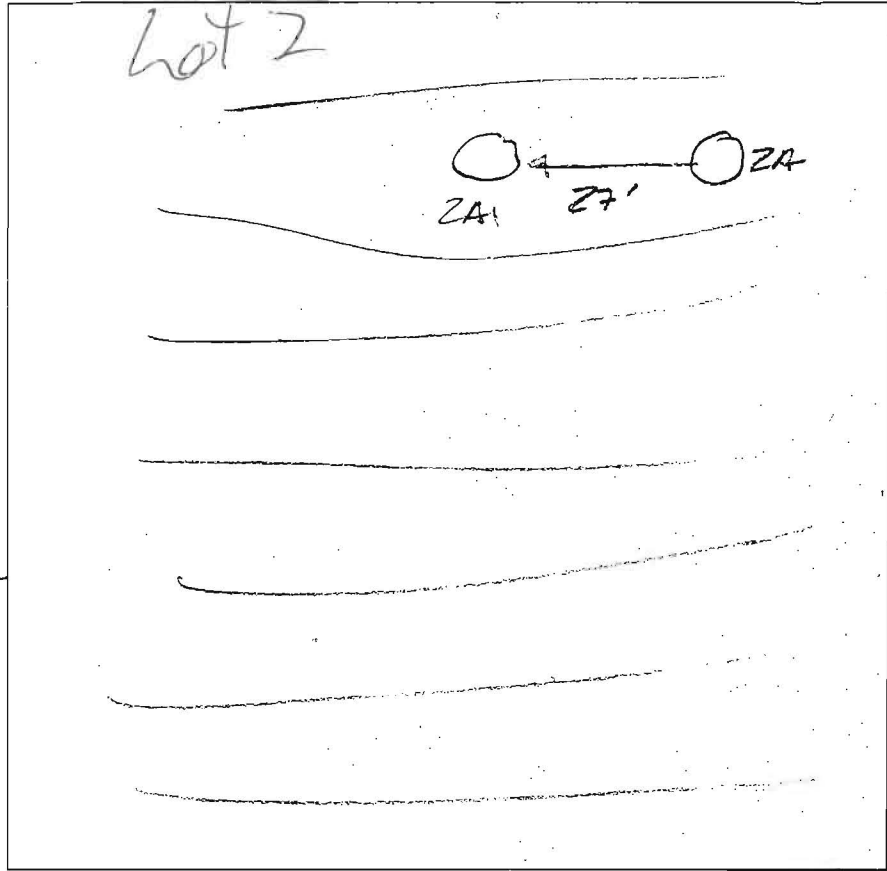
606
 Brown loam 1'
 Red 3 Clay loam 4'
 Yellow Brown Salcom Large stony pieces coarse gravel 6'
 13'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	PIF/H
12/9/03	601	5' 11 1/2'	12 49	12 53	12 59	6min	F
	601	5' 11'	12 58	1 07	1 19	12min	D
	601	5 1/2' 11 1/2'	1 20	1 25	1 28	3min	F
	601	5 1/2' 12'	1 26	1 34	1 42	8min	F
	606	5 1/2' 13'	1 43	1 44	1 49	3min	F

REMARKS _____
 SANITARIAN FA BACKHOE Excavator OTHERS Do let Johnson, Mark Johnson, Bob Skoosky
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

AP 2A1

Brown
Loam 1'
Red
Silom 3'
Yellow
Brown
Loam
LS 90
Stony
Quartz
1 1/2'

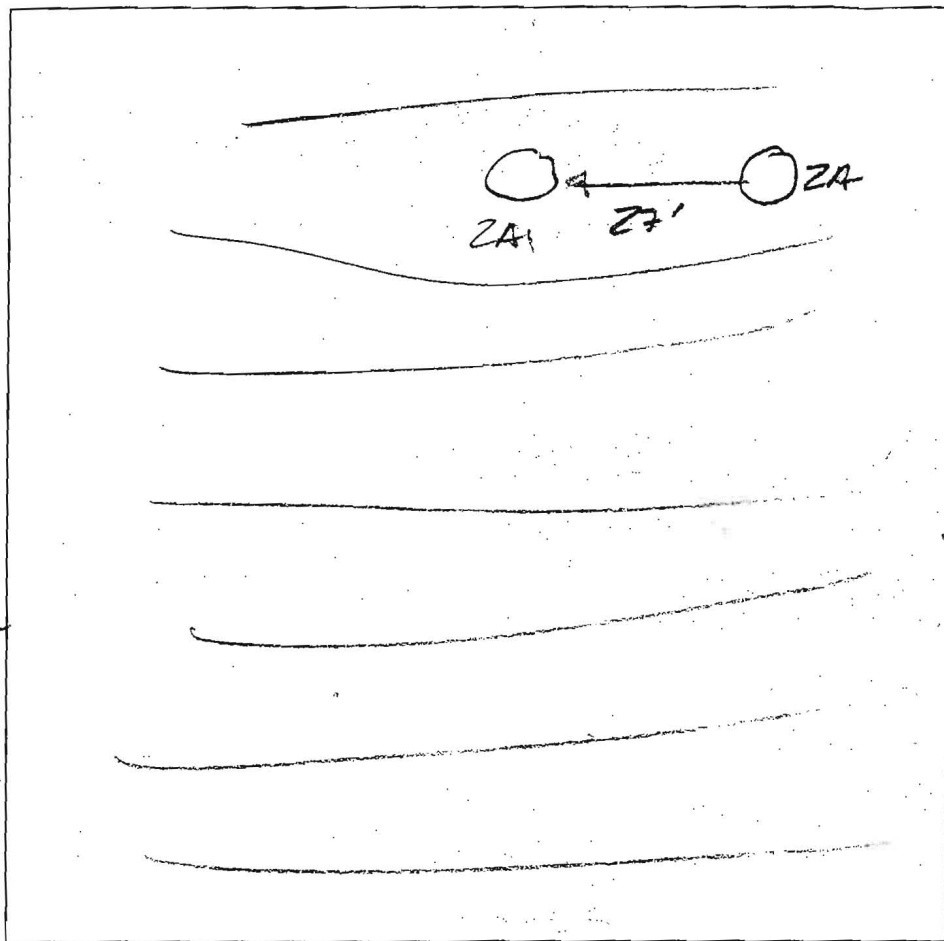


DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/E/H
12/1/03	2A1	5 1/2'	11 25	11 27	11 31	40 min	P

REMARKS _____
 SANITARIAN FA BACKHOE _____ OTHERS Bob Steady
Mark Johnson
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

A/P 2A1

Brown
Loam 1'
Red
Silicon 3'
Yellow
Brown
Silicon
LS 90
Stony
Quartz
1 1/2'



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/E/H
12/13/03	2A1	5' 1/2'	11 25	11 27	11 31	40min	P

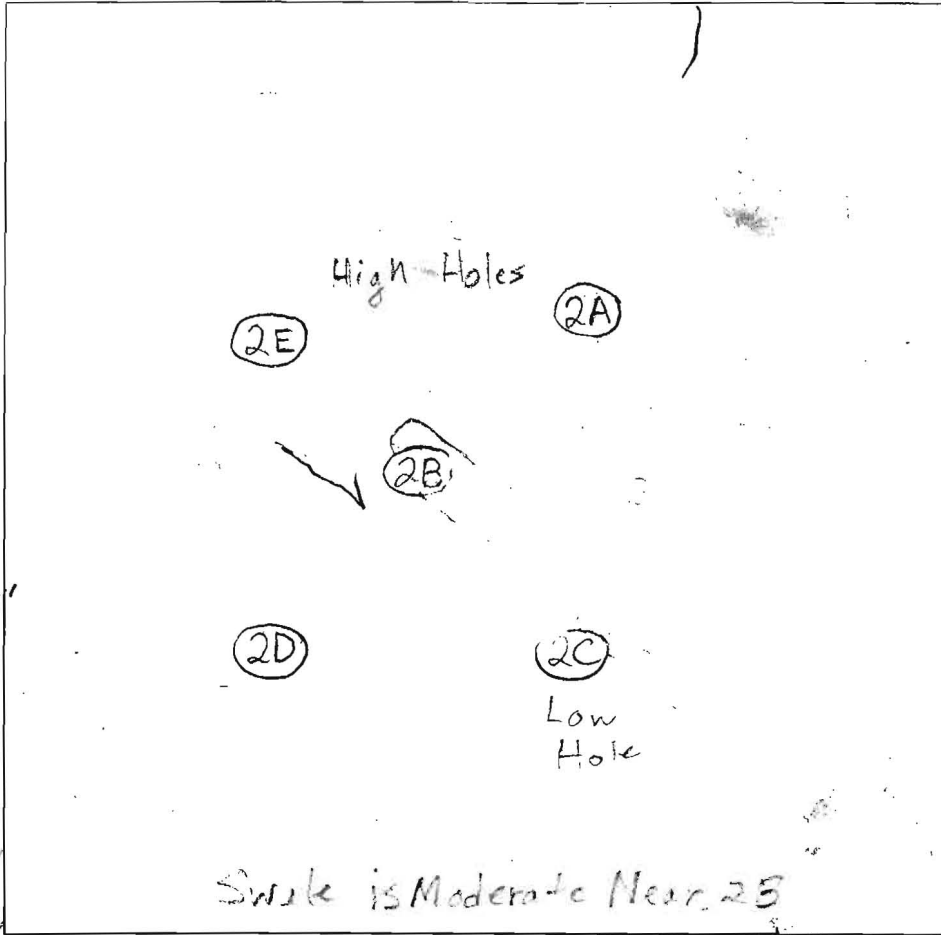
REMARKS _____
 SANITARIAN FA BACKHOE _____ OTHERS Bob Steady
Mark Johnson
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SAW _____

APV
 (2D)
 Or Br Loam 2.5'
 Or Br Loam and Tan Sa Loam ~25% Rock 4'
 Med Br Sa Loam ~20% Rock
 Hard Bottom 10.5'

2E
 Brown Loam
 Red Silty Loam
 Silty
 2 1/2'

Yellow Brown to Brown
 Silty 5-10% Rock
 13'

2A
 Brown Loam
 Red Silty
 Yellow Silty
 26% Rock
 HARD BOTTOM
 POTIOM

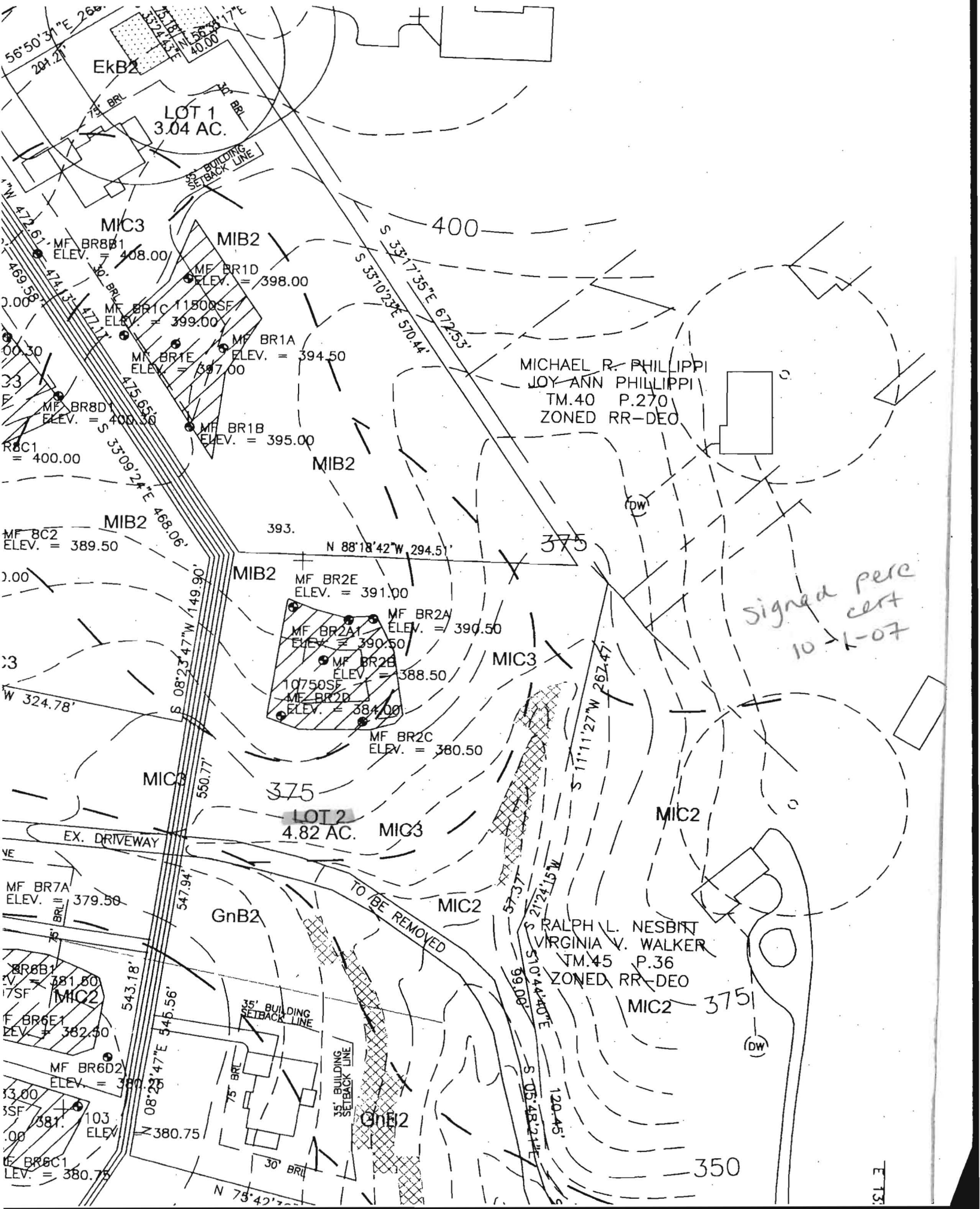


2D
 Brown Loam
 Red Silty
 Loam
 Yellow Brown Silty
 Brown Silty
 Brown Silty
 HARD BOTTOM
 10 1/2'

2C
 Red Br Heavy Loam 3.5'
 Mixture of Red Br and Or Br si and Sa Loams ~30% Rock 5.5-6.5'
 Brown Br Silty
 ~20% Rock
 Hard Bottom 10'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
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	2E	13'	2:27	2:29	2:32	3 min	P
	2A	5 1/2' / 11'	2:58	2:59:12	3:01:18	24:00	F
	2E	10'	3:07	3:09	3:11	2 min	P
	2B	6' / 10 1/2'	3:10	3:13	3:16	3 min	P
	2C	6' / 10'	3:28	3:35	3:35	3:49	14

REMARKS: 2C is ~10' From Center of Swale
 SANITARIAN BB/FA BACKHOE OTHERS
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



LOT 1
3.04 AC.

LOT 2
4.82 AC.

MICHAEL R. PHILIPPI
JOY-ANN PHILIPPI
TM.40 P.270
ZONED RR-DEO

RALPH L. NESBITT
VIRGINIA V. WALKER
TM.45 P.36
ZONED RR-DEO

*Signed perc
cert
10-1-07*

TO BE REMOVED

MIC3

MIB2

MIB2

MIB2

MIB2

MIC3

MIC3

MIC3

MIC2

GnB2

MIC2

MIC2

GnB2

350

E 15

MF BR8B1
ELEV. = 408.00

MF BR1D
ELEV. = 398.00

MF BR1C 11800SF
ELEV. = 399.00

MF BR1A
ELEV. = 394.50

MF BR1E
ELEV. = 397.00

MF BR1B
ELEV. = 395.00

MF BR8D1
ELEV. = 400.00

R8C1
= 400.00

MF BR2
ELEV. = 389.50

MF BR2E
ELEV. = 391.00

MF BR2A
ELEV. = 390.50

MF BR2A1
ELEV. = 390.50

MF BR2B
ELEV. = 388.50

10750SF
MF BR2D
ELEV. = 384.00

MF BR2C
ELEV. = 380.50

MF BR7A
ELEV. = 379.50

MF BR6B1
ELEV. = 381.50

MF BR6E1
ELEV. = 382.50

MF BR6D2
ELEV. = 380.00

MF BR6C1
ELEV. = 380.75

MF BR6C1
ELEV. = 380.75

MF BR6C1
ELEV. = 380.75

56°50'31"E 268.27'
3524.63'
56°33'17"E
40.00'

75' BR1
30' BR1
35' BUILDING SETBACK LINE

472.61'
474.13'
472.11'

475.65'
475.65'

33°09'24"E 468.06'

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S 35°10'23"E 510.44'

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56°50'31"E 268.27'
3524.63'
56°33'17"E
40.00'

75' BR1
30' BR1
35' BUILDING SETBACK LINE

472.61'
474.13'
472.11'

475.65'
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33°09'24"E 468.06'

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56°33'17"E
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75' BR1
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35' BUILDING SETBACK LINE

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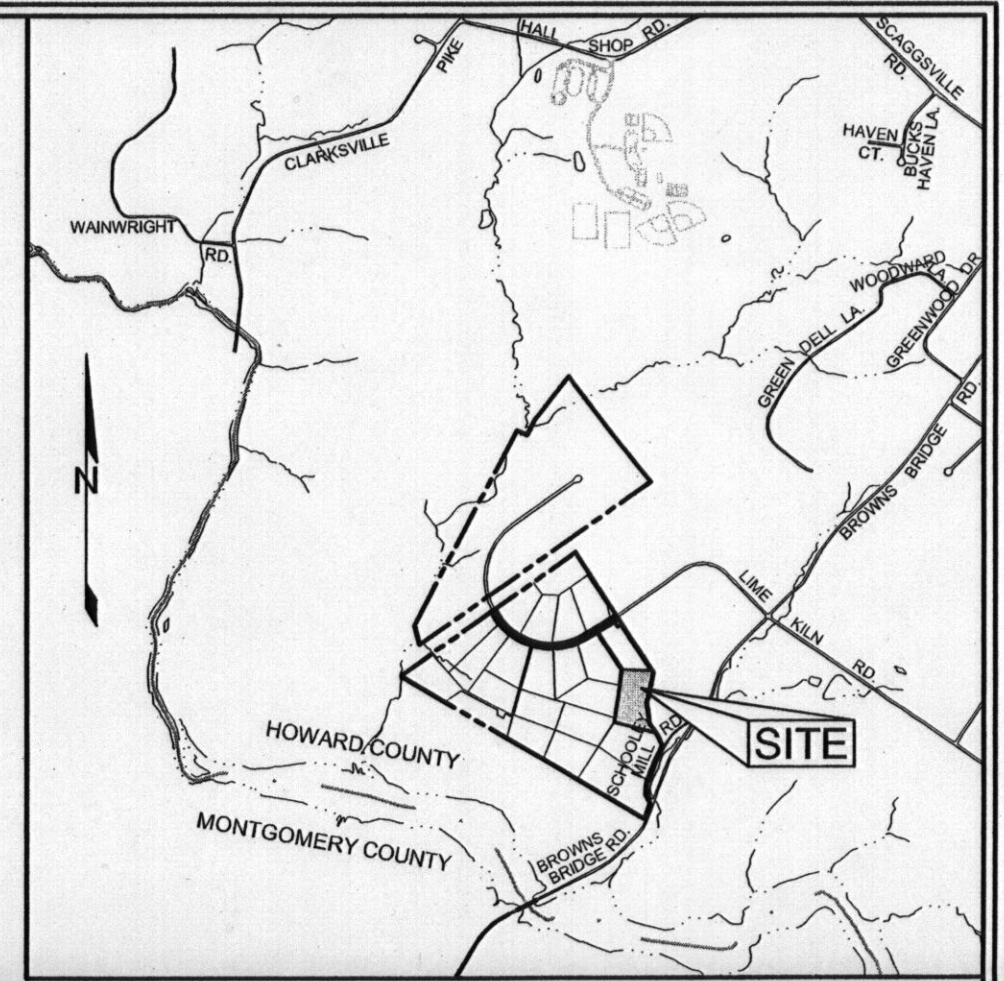
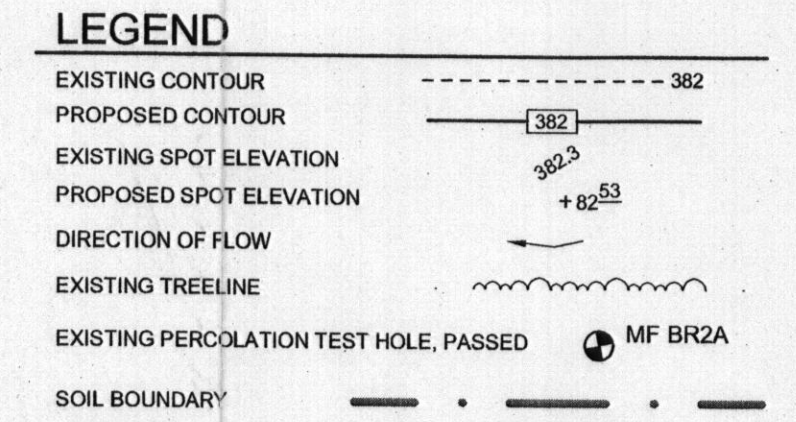
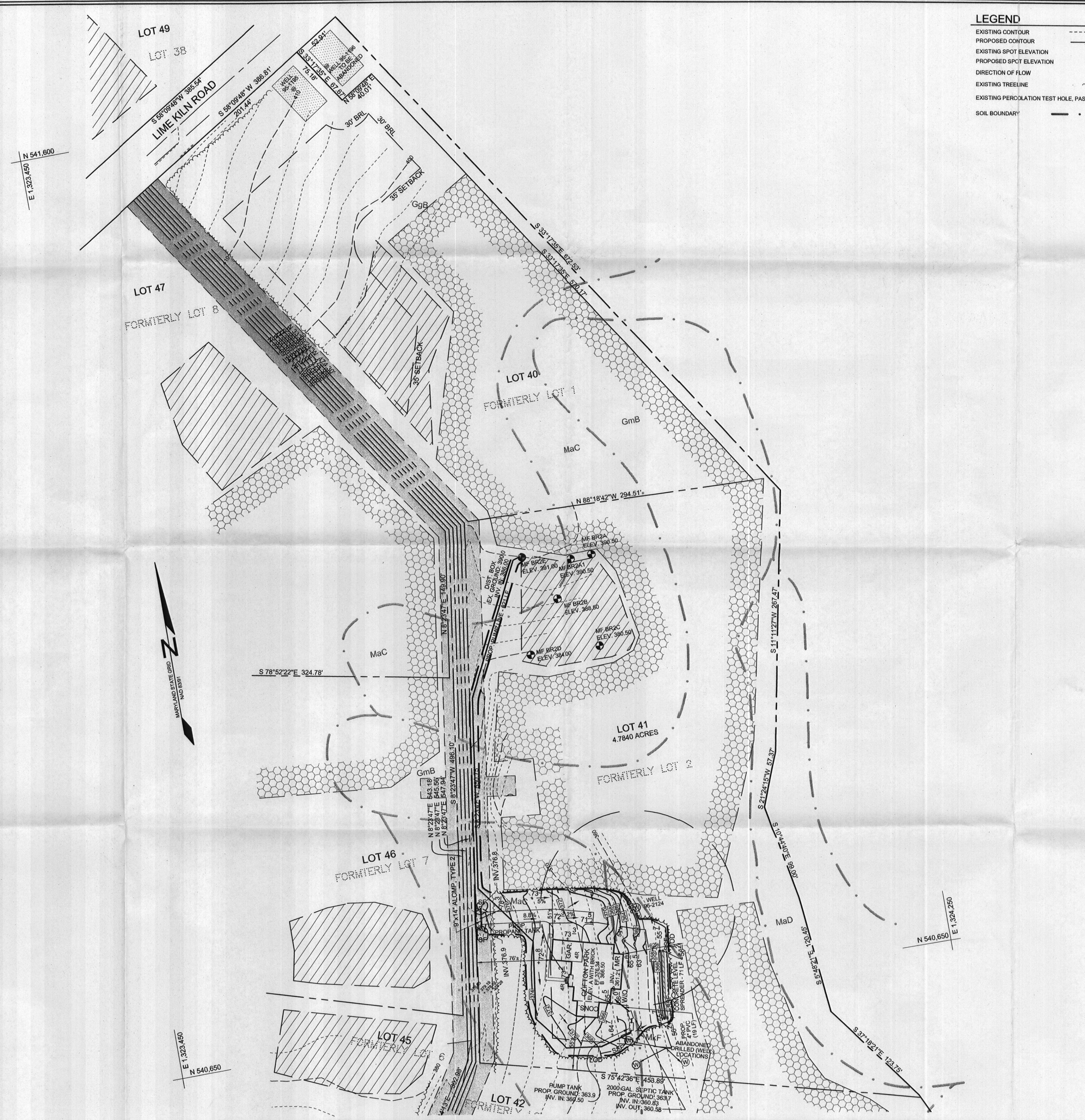
375

375

375

375

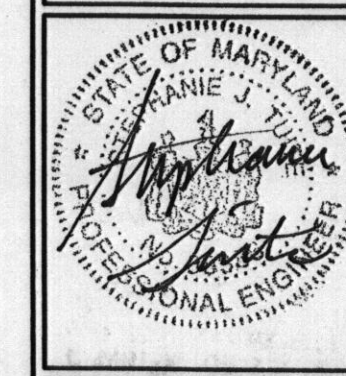
SOILS LEGEND	
NAME / DESCRIPTION	GROUP
ONE LOAM, 3 TO 8 PERCENT SLOPES	B
LOAM, 8 TO 15 PERCENT SLOPES	B



VICINITY MAP
SCALE: 1"=2000'

- GENERAL NOTES**
- SUBJECT PROPERTY ZONED RR-DEO PER 02/02/04 COMPREHENSIVE ZONING PLAN.
 - TOTAL AREA OF LOT 41 = 4.7840 AC.
 - PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE.
 - THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT, OF AT LEAST 10,000 SF AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS 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 PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
 - BOUNDARY SHOWN HEREON IS BASED ON A BOUNDARY SURVEY PREPARED ROBERT H. VOGEL ENGINEERING, INC., DATED AUGUST 2005.
 - TOPOGRAPHY IS BASED ON A FIELD RUN TOPOGRAPHICAL SURVEY PERFORMED BY SILL, ADCOCK & ASSOCIATES, LLC DATED SEPTEMBER 2010.
 - PROPERTY ADDRESS: 12767 LIME KILN ROAD.
 - DEED REFERENCE: LIBER 12581, FOLIO 00062.
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - THE EXISTING WELLS SHOWN ON THIS PLAN, WELL TAG #95-1195, #95-1196, AND #95-2124 HAVE BEEN FIELD LOCATED BY SILL, ADCOCK & ASSOCIATES, LLC IN SEPTEMBER 2010 AND MAY 2011 AND ARE ACCURATELY SHOWN.
 - NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED FOREST CONSERVATION EASEMENT AREAS.
 - THERE ARE NO FLOODPLAINS, WETLANDS, STREAMS, OR THEIR BUFFERS, HISTORIC STRUCTURES OR CEMETERIES LOCATED ON-SITE.
 - FOREST CONSERVATION HAS BEEN PROVIDED FOR THIS LOT UNDER F-06-107.
 - THIS DENOTES PUBLIC FOREST CONSERVATION EASEMENT. THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT; HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENTS ARE ALLOWED.
 - ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
 - ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND ALL EXISTING AND PROPOSED WELLS THAT ARE LOCATED WITHIN 200 FEET DOWN-GRADE OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS HAVE BEEN FIELD LOCATED.
 - PERC HOLE LOCATIONS AND ELEVATIONS SHOWN BASED ON PERCOLATION CERTIFICATION PLAN SIGNED ON OCTOBER 1, 2007.
 - THE PURPOSE OF THIS AMENDED PERCOLATION CERTIFICATION PLAN IS TO SHOW THE FINAL WELL LOCATION ON LOT 41. THE 1,500 SQ. FT. WELL BOX WILL REMAIN AS PREVIOUSLY PROPOSED AS ALTERNATE WELL LOCATIONS FOR THIS LOT.

AMENDED PERCOLATION CERTIFICATION PLAN
LIME KILN VALLEY, PHASE I & II
LOT 41 (FORMERLY LOT 2)
12767 LIME KILN ROAD
 TAX MAPS 40 & 45 GRIDS 21 & 4 PARCELS 114 & 12
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND



Sill · Adcock & Associates · LLC
 Engineers · Surveyors · Planners
 3300 North Ridge Road, Suite 160
 Ellicott City, Maryland 21043
 Phone: 443.325.7682 Fax: 443.325.7685
 Email: info@silladcock.com

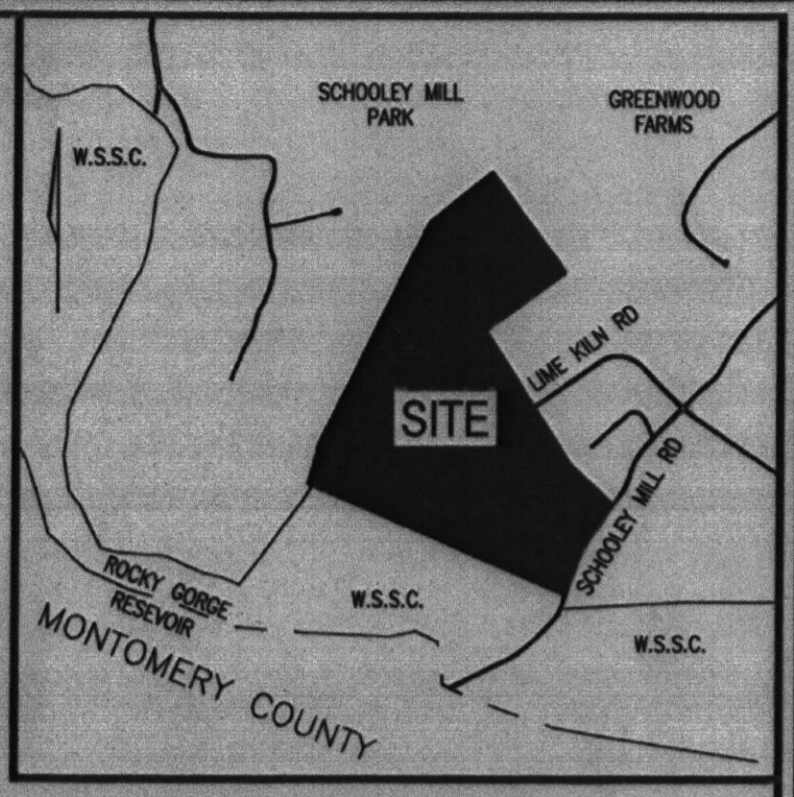
DESIGN BY: SJT
 DRAWN BY: SJT
 CHECKED BY: PS
 SCALE: 1"=50'
 DATE: JUNE 23, 2011
 PROJECT #: 10-021
 SHEET #: 1 of 1

DATE: 6/23/11
 DEPARTMENT

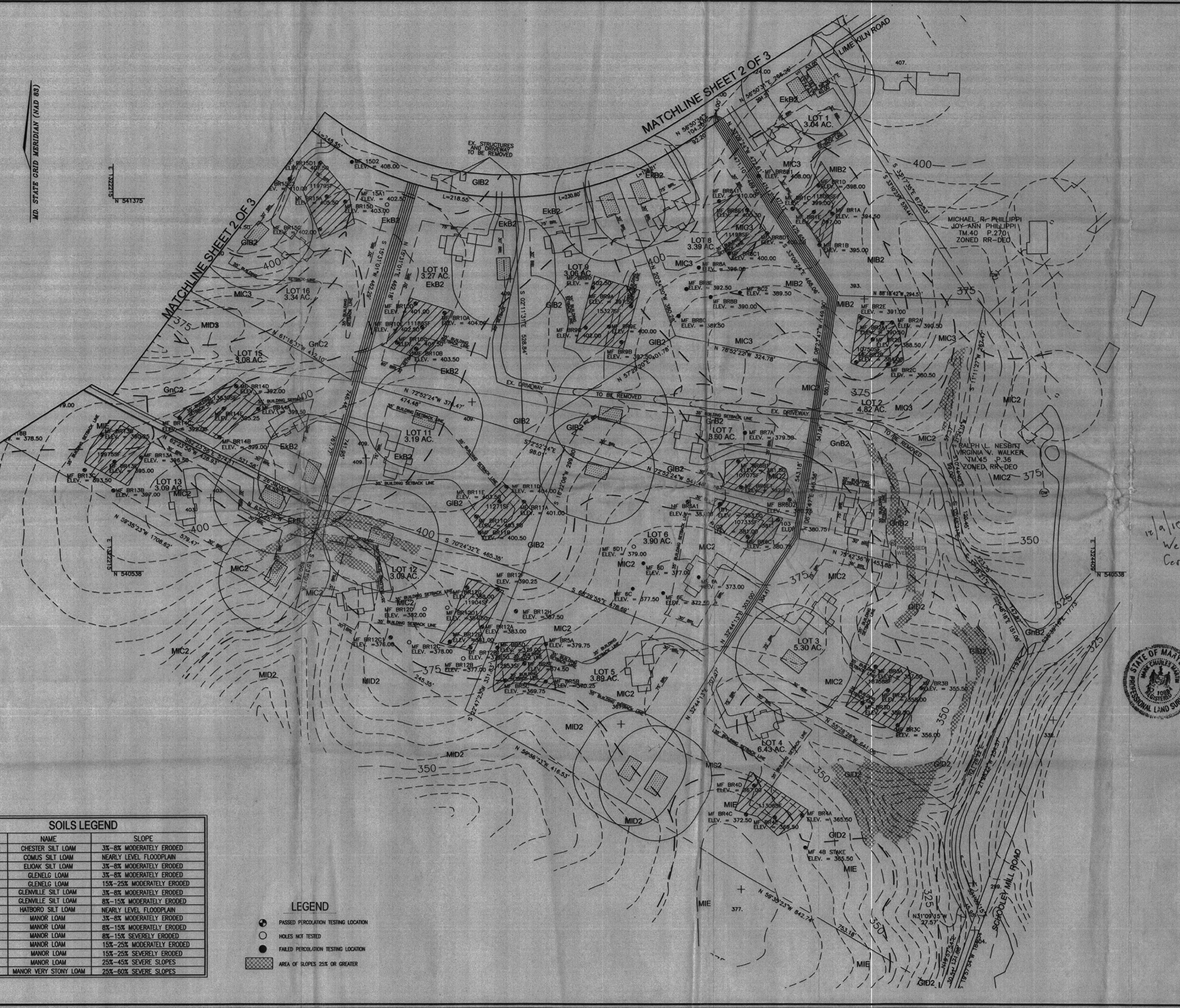
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3636, EXPIRATION DATE: JANUARY 12, 2012.

MD STATE GRID MERIDIAN (NAD 83)

N 541375
E 1322215



VICINITY MAP
SCALE: 1"=2000'



GENERAL NOTES:

1. THE CONTOURS AND ELEVATIONS SHOWN HEREON ARE BASED ON AERIAL TOPOGRAPHY PERFORMED BY POTOMAC AERIAL SURVEYS, INC., JANUARY, 2005.
2. THE BOUNDARY LINES SHOWN HEREON ARE BASED ON A BOUNDARY SURVEY PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC. DATED AUGUST, 2005.
3. EXISTING SEPTIC LOCATIONS SHOWN ARE BASED ON FIELD OBSERVATIONS.
4. ALL EXISTING WELLS AND SEPTIC AREAS WITHIN 100' OF THE SITE HAVE BEEN SHOWN TO THE BEST OF OUR KNOWLEDGE.
5. ALL WELLS TO BE DRILLED PRIOR TO SUBMITTAL OF FINAL PLAN FOR SIGNATURE.
6. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAN SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAN.
7. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
8. LOT 10 PERCOLATION DEMONSTRATION TEST HOLE NUMBER 3882 TO BE REVISED AT 1" PRIOR TO SEPTIC INSTALLATION.
9. LOT 205 PERCOLATION TEST HOLE NEAR 220 TO BE OUC PRIOR TO BUILDING PERMIT ISSUANCE. APPROVING AUTHORITY HAS THE RIGHT TO INSTALL SEPTIC SYSTEM PRIOR TO BUILDING PERMIT SIGNATURE.
10. FILED RUN TOPOGRAPHY FOR LOTS 22 & 27 TO IDENTIFY LAND FEATURES WILL BE PROVIDED AT PRELIMINARY PLAN STAGE.
11. A GROUNDWATER APPROPRIATION PERMIT WILL BE REQUIRED PRIOR TO SUBMITTAL OF A RECORD PLAN FOR SIGNATURE.
12. ANY CHANGES TO A PERCOLATION CERTIFICATION PLAN SHALL REQUIRE A REVISED COPY OF THE PLAN.
13. THE PURPOSE OF THIS REDEFINED PLAN IS TO SHOW A PROPOSED WELL SITE ON LOT 2.

12/1/10
Well location on lot 2 approved. Revised Perc Cert. is not required. See variance letter. I. Darr

PERCOLATION CERTIFICATION:
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.
Mark C. Martin 9/21/07
MARK C. MARTIN, PROFESSIONAL LAND SURVEYOR #10884 DATE



APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS
Bridgette Peter Bieleman 10/1/07
COUNTY HEALTH OFFICER VS njo DATE

PERCOLATION CERTIFICATION PLAN
LIME KILN
(RAUTH & EASTER PROPERTY)
LOTS 1-21, 23, 24, 26-39, AND
OPEN SPACE LOTS 22 AND 25
PC-519584
TAX MAPS 40 AND 45 PARCELS 114 AND 12
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

Robert H. Vogel
Engineering, Inc.
Engineers • Surveyors • Planners
8407 Main Street Ellicott City, MD 21043 Tel: 410.481.7666 Fax: 410.481.8981

DESIGN BY: MR
DRAWN BY: JMR
CHECKED BY: MR
DATE: AUGUST 2007
SCALE: 1"=100'
W.O. NO.: 04-21

1 SHEET OF 3

Signed 10/1/07

SOILS LEGEND

NAME	SLOPE
CHESTER SILT LOAM	3%-8% MODERATELY ERODED
COMUS SILT LOAM	NEARLY LEVEL FLOODPLAIN
ELIOK SILT LOAM	3%-8% MODERATELY ERODED
GLENELG LOAM	3%-8% MODERATELY ERODED
GLENELG LOAM	15%-25% MODERATELY ERODED
GLENVILLE SILT LOAM	3%-8% MODERATELY ERODED
GLENVILLE SILT LOAM	8%-15% MODERATELY ERODED
HATBORO SILT LOAM	NEARLY LEVEL FLOODPLAIN
MANOR LOAM	3%-8% MODERATELY ERODED
MANOR LOAM	8%-15% MODERATELY ERODED
MANOR LOAM	8%-15% SEVERELY ERODED
MANOR LOAM	15%-25% MODERATELY ERODED
MANOR LOAM	15%-25% SEVERELY ERODED
MANOR LOAM	25%-45% SEVERE SLOPES
MANOR VERY STONY LOAM	25%-60% SEVERE SLOPES

LEGEND

- PASSED PERCOLATION TESTING LOCATION
- HOLES NOT TESTED
- FAILED PERCOLATION TESTING LOCATION
- ▨ AREA OF SLOPES 25% OR GREATER

